



A Bald Eagles Inc. Publication

NORTH AMERICAN AVIATION Retirees Bulletin

Spring 2003

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NASA Photo

In Memory of the STS-107 Crew of Space Shuttle "Columbia"

▲ Rick Husband ▲ William McCool ▲ Kalpana Chawla ▲ David Brown
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The Silent Majority

by Stan Guzy

FELTZ, CHARLES H., 86 - died January 3, 2003 of congestive heart failure at Rancho Springs Medical Center in Murrieta, CA. Mr. Feltz had lived in Temecula, CA after retiring from NAA/RI with 45 years of service in various engineering positions. Mr. Feltz headed a top design team to develop the rocket powered X-15 aircraft, the first manned craft to probe the edge of space. In 1961, he was one of four leaders of NAA's Apollo spacecraft development team. He was president of Space Shuttle orbiter program when he retired in 1981. During his career he was involved in many aircraft projects, including the P-51 and B-25. He was a member of the NAA Bald Eagles. He served on the Presidential Commission investigating the Space Shuttle Challenger disaster. He was a dedicated, innovative, brilliant engineer. His accomplishments will remain his legacy. He is survived by his loving wife of 61 years, Juanita.



ADAMS, JOHN Q., 78 - died December 13, 2002 at the Shawn Manor Nursing Home in Ponca City, OK of undisclosed causes. He joined NAA/RI in 1954 as a policies and procedures expert working on the Apollo program. He left the company in 1986 to join LAUSD until he retired in 1984. Quincy was remembered as a very gentle man who is survived by his wife of 56 years, Phyllis.

ALBAUGH, ESTELLE C., 89 - died on November 11, 2002 of undisclosed causes. Estelle began her career with NAA in 1939. She was a co-founder of the Recreation/Welfare Department as part of North American Aid. During WWII, this included around the clock activities for employees and assistance to their families. As an employee counselor, her services extended to employees, families and retirees both on and off the job. She made daily hospital and home visits to ill employees and processed death claims. She assisted the American Red Cross in developing a company sponsored blood bank program which is still on-going. Estelle served on many social service boards as well as the board of the NAA Federal Credit Union for 40 years. She was on the board of directors for the Bald Eagles since its incorporation.

BARNER, ROBERT F., 80 - passed away peacefully at his home in Sparks, NV on December 13, 2002. He joined NAA in 1947 as a flight inspector. He subsequently worked at Palmdale and the Propulsion Test Lab at Santa Susana, CA. He retired in 1979 as a quality control supervisor at Edwards AFB testing Apollo First Stage F-1 rocket engines. He is survived by his loving wife, Evelyn.

BARTFIELD, JAMES E. "ED", 83 - died on December 12, 2002. Ed worked at the Columbus Division as a designer on the RA-5C aircraft.

BATCHLOR, THELMA, - passed away in October 2002 from undisclosed causes in Davis, CA. She had worked at the Rocketdyne Division for approximately 30 years.

BESICH, BERNARD "BERNIE", 74 - passed away on August 11, 2002 in Cerritos, CA of undisclosed causes. Information provided by his daughter, Jean Sleyko.

BISHOP, ARNOLD S., 95 - died November 24, 2002 in Orange, CA. He had been a design engineer for NAA/RI.

BOWMAN, DEAN O., 93 - died December 24, 2002 of natural causes in Pomona CA. Dean had worked as a vice-president of management systems and planning at Autonetics and was also the former dean of the School of Business Administration at CSULB.

BROWN, JANET K., 76 - of Thousand Oaks, CA passed away on July 19, 2002 at the Monterey Palms Healthcare Center in Palm Springs, CA from lung cancer. Janet began her career at NAA in 1947 as a draftsman when women working "on the board" were a distinct rarity. She had worked at Atomics International, and on the Apollo and B-1 projects. She retired in 1982 after 35 years of service. We were informed by her nephew, Paul Bereznavy.

BURRETT, MELVIN C., 90 - died of cancer on October 11, 2002 in Sun City West, AZ. He had been a design engineer at Autonetics and did much work on the heads up display and crewmen optical sight. All of the photos and mementos of his career were lost during a fire. His wife, Ellie, would appreciate hearing from his colleagues who may have retained anything related to Melvin's work. She can be reached at (623) 546-9611 (we corrected the phone number).

CALKINS, EDWARD, - passed away on December 16, 2002 after a long illness. He joined NAA/RI in 1954 and held a number of managerial positions in human resources. In August of 1975 he was appointed as a director of human resources which he held until his retirement in 1987. Information sent in by John Eichwald.

CALL, FRANCIS E., 86 - died December 7, 2002 of natural causes. He was living in Westminster, CA and had retired from NAA/RI as a contract engineer.

COULSON, HARRY, 80 - passed away on January 5, 2003 in Arlington, TX following complications from lung surgery. Harry had 38 years of service at LAD and Space Division when he retired in 1978. He is survived by his wife, Jean, in Paso Robles, CA.

COURTNEY, THOMAS JR., 83 - of Santa Ana, CA, died on November 13, 2002 of pneumonia. He was an engineer at NAA/RI.

CRUMP, JOSEPH L., 73 - died on February 15, 2003 at Menifee Valley Medical Center in Sun City, CA of undisclosed causes. He had been a contract administrator for NAA/RI in Downey before his retirement. He is survived by his wife, Calista. Notification sent in by Sonnie Robertson.

DODSON, GAIL M., 62 - died peacefully with her family at her bedside on December 20, 2002 in Nipomo, CA of undisclosed causes. Gail had worked at Rocketdyne as a financial adviser for 20 years, retiring in 1996. She is survived by her husband, Harry.

EYESTONE, MAROLD "STONEY" C., 87 - passed away on February 9, 2003 in San Pedro, CA of undisclosed causes. Marold began his career at NAA in July 1937 as a cable splicer on the B-25 line before joining the engineering department. He had worked on many projects including the Apollo and Space Shuttle programs before he retired in 1973. He was a long time member of the NAA Hangar Gang. He is survived by his loving wife, Mary.

FANNING, MARION, 94 - of Laguna Woods, CA died on November 17, 2002 of a stroke. She had been a secretary at NAA/RI.

FARLEY, WILLIAM H. "BILL", 79 - died February 9, 2003 of complications following surgery. He lived in Mission Viejo, CA and was an aerospace engineer for NAA/RI. He is survived by his loving wife, Lucille.

FRISSE, WAYNE E., 86 - of Placentia, CA died October 29, 2002 of natural causes. He was an aerospace technician at NAA/RI.

GIBSON, FREDERICK L., 87 - died January 31, 2003 of natural causes. He resided in Anaheim, CA and was a retired mechanical engineer for RI. He is survived by his loving wife, Anna.

GIGLIO, MAURICE M., 78 - died November 30, 2002 of a heart attack while visiting his son in Valencia, CA. He had worked for NAA/RI for 48 years in Logistics at LAD and later at Space Division in data management before he retired. Retirement became boring so he went back to work part-time at the Autonetics gym.

GILLESPIE, RALPH L., 77 - passed away November 7, 2002 in Santa Monica, CA of undisclosed causes. He had worked at Rocketdyne until his retirement in 1987. He was a long time resident of Venice, CA.

HANLEY, JOHN H., 78 - of Anaheim, CA died January 2, 2003 of pneumonia. He had worked as a shipping and receiving clerk for RI. He is survived by his loving wife, Eve.

HARE, FRANK W., 67 - died December 7, 2002 of a heart attack in Chula Vista, CA. He was an engineer at Autonetics. He is survived by his loving wife, Eve.

HARVEY, QUINTON C. "QC", 79 - passed away on January 28, 2003 at his home in Fallbrook, CA of a heart attack resulting from internal complications. He retired in 1983 after 30 years of service as a flight test engineer on the X-15 and B-1 programs at LAD and several space programs at Downey, CA. He is survived by his loving wife, Peg.

HEINMILLER, WAYNE L., 66 - died in Long Beach, CA on May 31, 2002 of a heart attack resulting from complications due to renal failure. Wayne had retired after 32 years of service as an electrical engineer at the Downey and Seal Beach facilities where he was the project manager of the anechoic chamber. He is survived by his loving wife, Dolores.

HOAGE, W. GRANT, 79 - passed away peacefully at home with his family in Orange, CA on December 18, 2002. Grant started working at NAA in 1962, left, returned and subsequently retired in 1999. Most of his career was spent in the Downey Project Office but he will best be remembered for his charitable works as a chairman of the Donate Once committee. He helped establish a sponsorship program for four schools in Bakersfield, CA named after four of the Space Shuttle Orbiters. He is survived by his loving wife, Edith.

HORNECKER, CHARLES W., 76 – died on June 19, 2002 at Hemet, CA of cancer. Charles was a member of the 10th Mountain Division during WWII. He served in several engineering management positions at Autonetics from 1953 to 1983. He is survived by his loving wife, Violette, in San Jacinto, CA.

HULL, STANLEY K., 73 – of Anaheim Hills, CA passed away on January 15, 2003 of undisclosed causes. Stan met his wife at NAA in 1963 and remained with NAA/RI for more than 30 years, retiring in 1994. He is survived by his wife of 38 years, Beverly.

JONES, VIVIAN L., 62 – died in Grass Valley, CA on December 2, 2002 as result of cancer. Vivian retired from Rockwell in 1995, having worked as an executive secretary for 12 years. We were informed by her loving husband, Edgar, who is also a retiree.

KAUFMAN, DARRELL L., 66 – passed away on November 5, 2002 of undisclosed causes. After 35 years of service on the Navajo, Apollo and GPS programs, he retired in 1991. Information provided by Don Kaufman.

KOEPPE, WALTER J., 75 – of Tustin, CA, died on December 5, 2002 of cancer. He had been an electronics engineer at RI.

KOOLER, HARRY B., 73 – of Rogue River, OR passed away on May 18, 2002 at Providence Medford Medical Center. He retired from RI in 1987 after 35 years of service in Downey, CA. He moved to Oregon 15 years ago and was very active in the community and in volunteer services.

KRONENBERG, ROBERT, 91 – died in Fort Lauderdale, FL on December 4, 2002. Bob had worked on the Navaho X-10 flight test program at Edwards AFB and later at Rocketdyne. After retirement, he worked as a captain on private yachts in Florida until failing health slowed his activities.

LANDRUM, LESLIE L. “BUD”, 79 – died on December 21, 2002 at his home in El Segundo, CA. Bud had worked at LAD and Space Division in aerodynamics. He retired in 1984 and is survived by his loving wife, Margaret.

LESCARD, BENJAMIN, 81 – died on February 7, 2003 at Cypress Gardens Convalescent Hospital in Riverside, CA. He had been a stock clerk at NAA/RI for 36 years. Ben had no immediate survivors.

LISCANO, ROBERT, 58 – died on January 17, 2003 of Lou Gehrig's disease. Bob had been a project manager at NAA/RI in configuration management. He is survived by his loving wife, Loraine.

LIVINGS, ROBERT E., 74 – died at his home in Perris, CA on February 13, 2003. Gene served in the U.S. Army and National Guard for 21 years. He was a trucker at NAA/RI in Seal Beach for 33 years. He is survived by his loving wife, Alma.

MILLER, FRED H., 81 – of Anaheim, CA died on February 10, 2003 of lung cancer. He had retired from Autonetics in 1977 where he worked on the Apollo Space Program.

PAPPAS, GEORGE, 79 – of Morongo Valley, CA passed away on November 15, 2002 of cancer. George retired in 1984 as a supervisor after a long career in plastics and bonding manufacturing. He is survived by his loving wife, Beverly.

PEARSON, MERVIN J., “DUKE”, 82 – passed away on January 8, 2003 in Palos Verdes, CA of complications following a stroke. “Duke” began his career at LAD in 1941 as an LAD field service instructor. He transferred to Autonetics in a management position and later joined the Space Division on the Apollo Program. After taking early retirement he returned to work at LAD on the B-1 program.

PULFREY, JOANNE O., 73 – died on November 1, 2002 of undisclosed causes. She had worked at NAA as a bookkeeper before retiring.

PULTS, WATSON R., 88 – of Long Beach, CA died on February 5, 2003 at a San Luis Obispo, CA nursing home. Cause of death was not cited. He had a 30 year career as an aerospace engineer at NAA/RI including work on the Apollo Program. He was also an active member of the Glider Pilot Association for many years.

QUACKENBUSH, ROBERT L., 74 – died on September 2, 2002 at the Health and Science University Hospital in Portland, OR of undisclosed causes. Bob had lived in Lake Elsinore, CA for 18 years and had been an aeronautical engineer for NAA/RI.

RAFTERY, HELEN, 88 – passed away on January 29, 2003 at Brighton Gardens in Carlsbad, CA. Helen started at NAA in 1937 and became executive secretary to E.D. Starkweather, Vice-President of Human Resources. She retired after 35 years of service.

RIEKEMAN, ELMER C., 90 – of Irvine, CA, died on December 30, 2002 of natural causes. He had been an engineer at NAA/RI.

RUPEL, ED, 81 – passed away on January 7, 2003 at a nursing home at Laguna Woods, CA. Ed joined NAA in 1948 in tooling and advanced to assistant general supervisor at the Downey facility. He also worked at Seal Beach, LAD and Cape Canaveral before retiring in 1982. He is survived by his loving wife, Bobbie.

SANGER, MARVIN, 79 – passed away on November 8, 2002 from heart problems and strokes at Grass Valley, CA. Marv worked in field service and engineering at LAD and Space Division. During WWII he served as a military flight instructor and a ferry pilot delivering fighter aircraft to Alaska. He retired from NAA/RI after service on the Shuttle Program. He is survived by his wife of 51 years and extended family.

SCHMITZ, CONRAD, 81 – died January 6, 2003 of undisclosed causes. He was a retired instrument mechanic at NAA/RI.

SLATER, CHARLES N. JR., – died on November 13, 2002 as a result from complications arising during surgery. Charlie worked as a mechanical engineer at NAA/RI for 33 years, including work on the F-86, F-100, X-15, XB-70 and B-1 aircraft and the Apollo, Skylab and Space Shuttle projects. He is survived by his loving wife, Suzanne.

TASCHNER, GUSTAV U., – passed away on July 16, 2002 of brain cancer in Palos Verdes, CA. He was a retired mechanical engineer at NAA/RI. He is survived by his loving wife, Vera.

TAYLOR, CLARENCE E., “ED”, 85 – of Anaheim Hills, CA, died on December 4, 2002 from cancer. He was a retired engineer.

TEEPLE, GORDON G., 84 – died January 22, 2003 at Beaumont Care Center in Sun City, CA. He had been a materials manager at NAA/RI for 26 years. He is survived by his loving wife, Marie.

THRUSH, LEONARD E., 91 – of Newport Beach, CA died October 8, 2002 of natural causes. He was a retired manager at NAA/RI.

THOMPSON, RICHARD “DICK”, 70 – passed away at his home in Krebs, OK on December 18, 2002 of cancer complications. He was an Autonetics quality assurance engineer at the McAlester, OK facility since 1971.

THOMSON, JOHN S. “JACK”, 88 – passed away on July 28, 2002 at his residence in Villa del Sol in Mission Viejo, CA of undisclosed causes. After the Korean War, Jack went to work for and eventually retired from NAA/RI. After retiring he pursued a successful acting career.

VAN PELT, EDWARD G., 86 – passed away in Las Vegas, NV of a stroke on September 27, 2002. Ed had worked as an engineer at the Downey Facility.

WAGONER, EARL V. JR., 77 – died on January 6, 2003 at San Pedro, CA. With a degree in physics he worked at NAA for 21 years. He is survived by his loving wife, Kathy.

WAY, PAUL E., 77 – of Palos Verdes Peninsula, CA, died on November 21, 2002 at Torrance Memorial Hospital of brain cancer. Paul started at NAA/LAD as an armament design engineer in 1947, later he moved to Downey to work on the Apollo and then returned to LAD to work on the B-70. He retired in 1974 after 27 years of service.

WEGNER, EARL T., 80 – passed away March 24, 2002 in Columbus, OH of undisclosed causes. A veteran WWII USN aviator, Earl retired from the Columbus Plant.

WENZEL, JOHN, 71 – of Palms Springs, CA died on January 15, 2003 of a heart attack. John was a program manager. He is survived by his loving wife, Rae.

WHITE, PHYLLIS, – died on October 12, 2000 of undisclosed causes. Phyllis retired in 1983 after a successful career as an executive secretary in the Logistics/Engineering area. Her passing was reported by her daughter.

YOUNGER, ELMER W. “AL”, 80 – died on December 14, 2002 of undisclosed causes. After serving in the Air Force during the Korean War, Al joined NAA and worked on the Hound Dog program, Apollo projects and the Space Shuttle program. He retired after 35 years in the industry. He is survived by his loving wife, Betty.

PAX DOMINI SIT SEMPER VOBISCUM

The Silent Majority

by Stan Guzy

GEHRKENS, GEORGE R., 88 – died of cancer on April 13, 2003 at Riverside Methodist Hospital in Delaware, Ohio. An Engineering graduate of UCLA, George joined NAA/LAD in 1937 as one of the first engineers of the fledgling company. In late 1940, he became chief project engineer of the Mustang P-51 project and was instrumental in extending the range of the P-51 to provide bomber escort coverage deep into Germany. During the Korean War, he was the senior project engineer of the F-86 Sabre fighter. In 1951, he was assigned as chief engineer of the newly formed Columbus Division, which was destined to become a major supplier of Navy aircraft. These included the FJ Fury series of fighters, the T-2 Buckeye trainers, the revolutionary A3J and RA-5C carrier based attack and reconnaissance systems, the OV-10 Bronco and the Hellfire Missile. George became executive vice president of Columbus in 1962 and retired in 1970 after 33 years of outstanding service. He remained active after retirement in various business and civic pursuits. He is survived by his loving wife, Peggy.



ADAMS, JAMES E., 82 – died on April 23, 2003 from a heart attack. He was a retired engineer from Rockwell International. No further information available.

BERRY, HAROLD F., 81 – died on October 8, 2001 from undisclosed causes. He had worked for NAA for 35 years. No further information available.

BROWN, HOWARD C., 88 – died on May 8, 2003 of cardiopulmonary arrest. He was a retired Rockwell security employee.

BUNCH, DANIEL P., 84 – of Torrance, CA, died of congestive heart failure on April 3, 2003. Dan worked at LAD and retired as a project manager in 1979 after 33 years of service. He is survived by his loving wife, Roberta.

BURAGLIO, IRMA C., 88 – died on February 14, 2003 at Hemet Valley Medical Center of undisclosed causes. She was a blueprint lead woman at RI/LAD for 30 years.

CLARK, JOHN D., 77 – died on March 20, 2003 of emphysema. John had been an engineer for RI and lived in Anaheim. He is survived by his wife, Marjorie.

CLARK, JOHN R., 78 – died on April 18, 2003 at a local hospital in La Jolla, CA from unspecified causes. He worked at RI as a quality control inspector on the Apollo and Shuttle projects before retiring in 1987 with 35 years of service.

CRUMP, JOSEPH L., 73 – died recently at Menifee Valley Medical Center in Sun City, CA of causes undisclosed. He had been a contract administrator for RI in Downey, CA before he retired. He is survived by his wife, Calista.

CRUSE, FRED T. "TOM", 85 – died April 8, 2003 of undisclosed causes with his daughter, Peggy at his bedside. Tom had worked more than 40 years at RI and Lockheed on space projects including the Mercury, Gemini, Apollo and Shuttle Programs.

FERDIG, MELVIN R., 69 – died March 20, 2003 of causes not determined. He was a retired engineer from NAA/RI. He is survived by his wife, Elizabeth.

FERGUSON, ALBERT J., – passed away in November 2001 of undisclosed causes. He was a member of the Bald Eagles. Reported by Val Yarbrough.

FLEMING, ARNOLD "ARNIE" D., 72 – passed away February 26, 2003 after a brief but severe battle with cancer in Sioux City, Iowa. Arnie had worked at Space Division production operations before he retired in 1996 after an exemplary career.

FLORES, EDGAR F., 80 – passed away in April 2003 due to complications arising from a diabetic condition. Ed joined NAA/LAD May 2, 1947 after meritorious service in the Marine Corps during WW II. He worked in the shop while completing his education in night school. In 1962 he transferred to Autonetics where he worked on Navy Programs, filling many responsible positions in Contracts and Pricing. He also worked on the B-1A Bomber Production Program at LAD through the cancellation in 1977. He returned to Autonetics and was assigned as the Washington Rep for Navy Programs. Ed is survived by his loving wife, LaVerne, and son, Jeff. Information provided by George Davis.

FRENCHICK, JR., ROBERT A., 66 – died April 24, 2003 after a year-long battle with pancreatic cancer. He had over 30 years of service with McDonnell-Douglas, RI and Boeing. He was well respected as a senior scientist and ordnance expert on many NASA space programs including Skylab and Shuttle projects.

GALVIN, CLARENCE W., 81 – died April 19, 2003 at Bradley Gardens Convalescent Center in San Jacinto, CA from undisclosed causes. He had worked at NAA/RI for 35 years before he retired as a supervisor. Mr. Galvin is survived by his wife, Connie. Information provided by Gene Somers.

GARDNER, WILLIAM C. "PETE", – died on March 9, 2003 from undisclosed causes. He had retired from the Tulsa Division in 1989 after 13 years of service. Information sent in by Betty Gardener.

GLASGOW, VERSHEL L., 70 – died on February 21, 2003 in Birmingham, AL. He had worked in the MPS area at RI/Huntsville for approximately 10 years. He is survived by his wife, Faye.

GREER, NORMAN, 92 – passed away in November 2002 from cancer. Norm had worked as a supervisor in the Engineering Empennage Design group and retired from NAA with at least 30 years of service.

GREGG, FRANCES G., 82 – died on March 30, 2003 at her home in Hemet, CA from unspecified causes. She had been an electronics inspector at NAA/RI for 35 years.

HARRISON, CHARLES, – passed away on March 10, 2003 after suffering a debilitating stroke. He had been an NAA/RI employee. No further information provided.

HUFF, ROY J., 82 – passed away on March 23, 2003 at his home in Winnetka, CA from unspecified causes. Roy had worked for many years as a computer programmer in the Weights Group at the Rocketdyne Division and the Aerodynamics Group at the B-1 Division. He is survived by his loving wife, Maebelle.

KELLAM, RICHARD O., 87 – passed away on February 24, 2003 after suffering complications from elective heart surgery. Richard joined NAA in 1947 and worked as a test engineer. He retired in 1975 after 28 years of service. He is survived by his wife, Alice.

KENNISON, ROBERT F., 79 – died on March 23, 2003 of cancer. He was a retired aerospace engineer for NAA/RI. Information provided by Clarice W. Eyestone.

KINSEY, ROBERT F., – died on February 22, 2003 from lung cancer in Sedco Wolley, WA. He had worked in Purchasing at the Rocketdyne Division.

LANGON, CLARK R., 68 – died of a heart attack at his home in Lancaster, CA on December 29, 2002. Clark had retired from NAA/RI after 38 years as a tooling machine shop supervisor; working on the Apollo, B-1 and Shuttle programs at the Downey and Palmdale facilities. He is survived by his loving wife, Allison.

LE BLANC, EDWARD W., 76 – passed away on April 18, 2003 in West Covina, CA from unspecified causes. He had worked as a detail machinist on the Shuttle project. He is survived by his loving wife, Ruby.

LESCARD, BENJAMIN, 81 – died at Cypress Gardens Convalescent Hospital in Riverside, CA. He had been a stock clerk at RI for 36 years. Date and cause of death were not provided and survivors were not mentioned.

LINDSEY, JR., WILLIAM C., 70 – died on March 10, 2003 from unspecified causes. He had worked for RI for 26 years including the Shuttle project. No further information provided.

LIVINGS, ROBERT E., 74 - died February 13, 2003 at his home in Perris, CA from undisclosed causes. He had been a truck driver for RI at the Seal Beach facility for 33 years. He is survived by his wife, Alma.

McARTHUR, MARVIN P., 85 - passed away at Inland Valley Regional Medical Center in Wildomar, CA from unspecified causes. He had been a source inspector for RI/Boeing for 23 years before he retired in 1974. He is survived by his loving wife, Velma.

MELINE, PHILLIP, - died after a lengthy illness of frontal-temporal dementia. He had been an electrical engineer for RI and is survived by his loving wife, Maggie. No further data was made available.

MOLACEK, ANTHONY C., 61 - died on December 24, 2002 of cancer at Loma Linda, CA. He had been an electronics engineer at Global Navigation Systems and RI. He is survived by his wife, Marie.

MORANT, CHARLES A. "CHUCK", 75 - died on October 11, 2002 in Rancho Palos Verdes, CA of Alzheimer's disease. He had helped develop the thermal protection system for the Apollo and Space Shuttle programs and retired in 1988 after 36 years of service. He is survived by his loving wife, Virginia.

NICHOLSON, MARY E., 86 - passed away February 15, 2003 at her home in Moore, OK. Cause of death was not specified. She had retired from LAD Accounting Department in 1982 after many years at the Inter-Division Invoice (IDI) desk.

NICKS, EDWARD W., 72 - passed away on February 4, 2003 from undetermined causes. Mr. Nicks was a RI employee for 28 years including 16 years as Site Director and General Manager of Huntsville Operations. Mr. Nicks was awarded the NASA Public Service Award in 1982 by NASA Administrator, James Fletcher and again in 1988 by NASA Administrator, James Beggs. He is survived by his wife, Adele.

OLSEN, GEORGE V., 87 - died March 4, 2003 at San Geronio Memorial Hospital in Banning, CA. Cause of death was not specified. He had been a training director at NAA/RI for 34 years. He is survived by his wife, Mina.

PARKER, DON E., 80 - died October 19, 2002 from cancer at his home in Mission Viejo, CA. Don joined NAA engineering in 1949 and worked on several programs including the B-70, B-1 and Apollo before retiring in 1980. He is survived by his caring wife, Jane.

PAYNE, OTHA L., 73 - died on February 27, 2003 at his home in Perris, CA. Cause of death was not disclosed. He had been a hydraulics bender at NAA/RI for 38 years before he retired.

PETERSON, THEODORE A., 73 - died March 10, 2003 of injuries suffered in the crash of his twin engine, twin tail Beechcraft D18 airplane. The plane crashed on the Cahuilla Indian Reservation, a short distance east of the runway at a Lake Riverside landing strip. Peterson's son, Nord, was also killed in the crash. The elder Peterson was a retired aerospace engineer from NAA/RI. He is survived by his loving wife, Myra.

RHYND, JOHN D.M., 56 - died on December 24, 2002 at the Riverside Community Hospital of brain cancer. He worked as a computing technical support lead person on the B-1 program. He is survived by his wife, Phyllis.

ROOP, BEVERLY J., 81 - died in Fullerton, CA on April 25, 2003 from undisclosed causes. Beverly retired in 1987 after 30 years of service in correspondence control at Space and Autonetics facilities.

SEATON, JACK B., 87 - died March 1, 2003 of heart disease. He had been an electrical engineer at RI. Survivors include his wife, Lamaria.

SHEARER, DONALD F., 75 - died of unspecified causes on March 3, 2003 at Hemet Valley Medical Center. He had been a program administrator for RI at the LAD facility for 20 years. He is survived by his wife of 53 years, Dolores.

SHEPARD, LYDIA, 82 - died on April 7, 2003 at Rancho Bernardo, CA from unspecified ailments. She had worked for RI. No additional information was made available.

SMITH, RONALD A., 65 - died of cancer on April 21, 2003 in Huntington Beach, CA. Ron was employed by RI/Autonetics as an engineer in Code Programming Systems for the Minuteman and Advanced System Missile Program. Ron retired in February 1998 after 38 years of service.

SULLIVAN, JEROME G., 81 - passed away on March 21, 2003 after a long, courageous battle with Parkinson's disease. He began his career at NAA after getting his degree in engineering after WW II. He retired from NAA/RI as a senior design engineer after 31 years of service.

SWEENEY, JOHN U., 77 - passed away on November 10, 2002 at South Paris, ME after being critically injured while crossing a street. John started with NAA 34 years ago as a flight test engineer and retired in 1986. He had worked on several projects including the Hound Dog, Apollo and Shuttle programs. He retired from the Downey facility but had various assignments at Edwards AFB, Cape Canaveral, FLA and Eglin AFB.

TAFOYA, JOE BENNY "JOE", 70 - passed away on December 9, 2002 from a heart attack resulting from head trauma suffered when he fell upon getting out of bed in the morning. Joe had worked at LAD in Tooling as a electronic discharge machining operator. He retired in April 1991 after 36 years of service. He is survived by his wife of 52 years, Josephine.

TEEPLE, GORDON G., 84 - died January 22, 2003 at Beaumont Care Center in Beaumont, CA. He had been a materials manager at NAA/RI for 26 years prior to retirement. He is survived by his wife, Marie.

THOMASON, HOMER S., - died February 21, 2003 of unspecified causes. He retired from the White Sands Test Facility in 1983 after 37 years of service.

WEBER, ELLEN G., - died in September 2002 from a cardiovascular ailment. The information was sent in by her daughter, Cathy Garrity.

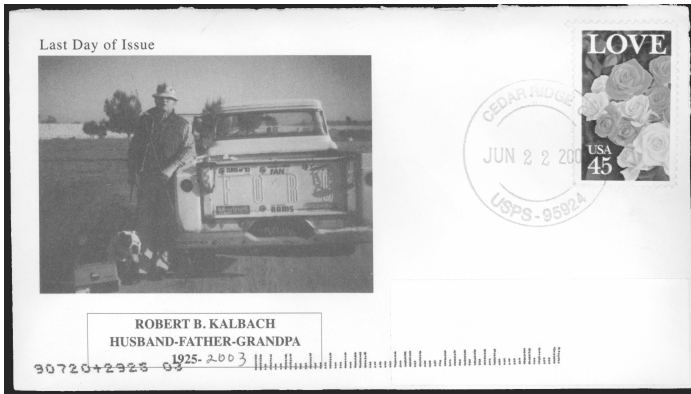
WISTOCK, MICHAEL, 84 - died of cancer on March 30, 2003 at his daughter's home in Huntington Beach, CA. He had joined NAA/RI in 1952 and worked on various projects including the X-10, Navaho and Hound Dog missiles. He was sent to Huntsville, AL to serve as project engineering liaison between NASA and the NAA/RI divisions. In 1974 he was assigned as lead engineer on the Shuttle forward fuselage. He retired in 1983 after a long and fulfilling career.

Editor's Note: When submitting obituaries for publication, please include all pertinent information related to the individuals passing. The information desired includes: full name, age, date of death, how, when and where, a short, brief work history (if available), retirement date, years of service and any other information appropriate to a meaningful obituary. And above all the individual must have been an NAA, or an NAA/RI, or an NAA/Boeing employee/retiree. After all, this is intended for the Silent Majority of the NORTH AMERICAN RETIREES BULLETIN!

PAX DOMINI SIT SEMPER VOBISCUM

The Silent Majority

by Stan Guzy



Soon after retirement to Cedar Ridge, California, Bob Kalbach lost his wife and his health deteriorated until he was wheelchair bound. However, he never lost his dignity or his sense of humor. Being a space cover collector, he issued his own last day of issue cover postmarked on the day of his passing.

We will miss you, Bob!

ALSTON, JAMES E., 79 - died on June 29, 2003 in Lilburn, GA after suffering a heart attack brought on by complications from cancer. He had been paymaster at the LA Division and retired after 21 years of service. He is survived by his wife of 16 years, Frieda and a daughter, Francis.

BACA, OLIVER V., 76 - of Westminster, CA died on June 30, 2003 of unspecified causes. He had been a computer technician at NAA/RI before retiring.

BARTON, WILLIAM P., 84 - died in Lancaster, CA on June 19, 2003. He had been a manufacturing manager on the B-1B program and retired in 1988 after 36 years of service. He is survived by his wife of 62 years, Bert.

BEAN, AL, 75 - passed away on July 16, 2003 in Long Beach, CA from a cancerous brain tumor diagnosed in December 2002. He had worked as a Project Manager on the Space Shuttle program at the Downey facility before he retired in 1984 after 32 years of service. Al owned a sailboat and sailed as far as Australia and several other voyages to Mexico and Catalina from his mooring in Los Alamitos Marina. Al is survived by his son, Mike, and a loving companion, Ann Tack.

BENNETT, BETTY J., 76 - died on June 17, 2003 at the Inland Valley Medical Center in Murrietta, CA. Betty retired as an executive secretary at Autonetics and went on to obtain an MA degree in Fine Arts.

BOEDING, ROBERT J., 73 - died August 2, 2003 from complications following the removal of a non-malignant brain tumor in May 2003. After military service in Korea, he went to Kansas State University, receiving a degree in electrical engineering in 1959. He was hired by NAA in Downey, CA and later transferred to the Autonetics facility. He retired from NAA/RI in 1990.

BROSIUS, RODNEY R., 77 - died at Memorial Hermann Hospital in Katy, TX on May 30, 2003. He retired in 1986 after 33 years of service as an engineering design supervisor and then moved to Pearlblossom, CA. Rodney is survived by his wife, Gloria.

BROWN, THOMAS L., 69 - of Anaheim, CA died May 11, 2003 of congestive heart failure. He had worked as an electrical engineer for RI before he retired. Tom is survived by his wife, Jan.

COLEMAN, JOHN W., 88 - died April 22, 2003 in Riverside, CA of unspecified causes. He had worked as a model maker for Rocketdyne in Canoga Park, CA before he retired. He is survived by his wife of 50 years, Sara.

DEAN, DOUGLAS, 89 - passed away May 28, 2003 after a long illness. He had retired from NAA and had achieved recognition as a skilled artist in the Morro Bay art community. He had been very active in civic affairs and Rotary Club activities. He will be missed by his wife of 64 years, Lillian.

DEMARCHI, ERNEST N. "ERNIE", 64 - passed away on June 28, 2003 in Mission Viejo, CA from complications due to cancer. After receiving a degree in mechanical engineering Ernie was hired by NAA in 1962. He worked on the Apollo electrical systems, providing mission support for every Apollo mission. He went on to the Shuttle and "Star Wars" programs where he was named Chief Engineer and Program Manager, receiving many citations and awards recognizing his technical and managerial achievements. He retired in 2002 after a distinguished career. Ernie is survived by his wife, Sheri and his first wife, Carolyn.

DODRILL, ARTHUR E., 79 - died July 18, 2003 at Miravilla Health Care Center in Cherry Valley, CA of undisclosed causes. He had been an electrical engineer for NAA/RI for 20 years before he retired. Art is survived by his wife, Chris.

DORSEY, LEON A., 84 - died on May 22, 2003 of natural causes at the Lifecare Center in Reno, NV. He worked as a welding instructor and was a member of the NAA Rod and Gun Club. After retiring in 1978, he moved to Cold Springs, NV.

EMGE, CHARLES M., 78 - died July 13, 2003 of undisclosed causes. He retired from NAA/RI after 40 dedicated years of service as an industrial electrician and was the Chief Steward in the I.B.E.W. He is survived by his wife of 53 years, Joan.

FLEMING, WILLIAM F., "BILL", 64 - passed away on June 26, 2003 due to complications from surgery. Bill worked on all facets of the Space Program and was an Associate Program Director when he retired after 37 years of service. He was very active in his church and in scouting and will be sorely missed. Bill is survived by his loving wife, Kelli.

FOSTER, ARTHUR M., 83 - died on June 27, 2003 at Green Hospital in La Jolla, CA after a six year battle with cancer. He suffered a heart attack after undergoing a week of chemotherapy. He had been a contract negotiator for NAA/RI and retired after 31 years of service. He is survived by his wife of 59 years, Marie.

GARING, GERALD E., "JERRY", 72 - of La Luz, NM, died on May 29, 2003. Jerry retired in 1990 after 28 years of service as a project engineer on the Apollo and Space Shuttle projects at the Downey facility. He is survived by his wife, Charlene.

GATHAS, JR., WILLIAM C., "BILL", 75 - of Anaheim, CA, died on June 24, 2003. Bill retired from Downey in 1990 after almost 20 years of service.

GIESEY, JACK H., 84 - passed away on June 17, 2003 in Westminster, CA of pneumonia. He was a retired electronics engineer. He is survived by his wife, Earline.

GIBSON III, WINFIELD S., COL. 81 - of Encino, CA, died of pulmonary fibrosis on June 26, 2003. After a distinguished career in the USAF, he achieved high standards as a professional engineer on the Space Shuttle project at NAA/RI. He is survived by his wife, Jessma.

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GONZALES, LUCRETIA A., 68 - passed away on August 3, 2003, losing her life to a lung disorder. She had worked at Autonetics for ten years. She is survived by her husband, Rudy.

GRIFFIN, ERVA J., 80 - passed away on March 16, 2003 of cancer at her home in Irvine, CA. Jane retired from NAA/RI in 1984 after service in Security and Shuttle engineering departments.

HANEY, WILLIAM B., 74 - died May 29, 2003 at his home in Moorpark, CA surrounded by his loving family. He had retired from NAA/RI as a welding engineer and was very active in local civic groups and clubs. He is survived by his wife, Mary Ann.

HENDERSON, CHARLES L., 77 - passed away on May 11, 2003 in Riverside, CA of undisclosed causes. He had worked at NAA/RI as a missile operations engineer.

HINKLE, GERALD "JERE", 72 - died August 12, 2003 of causes yet to be determined. He was an aerospace engineer for NAA/RI before he retired. He is survived by his wife, Mary.

HOGUE, KEN, 72 - passed away in Battle Ground, WA on July 24, 2003 of unspecified causes. Ken had retired from the B-1B division where he served as the support equipment project manager for Intermediate Automatic Test Equipment (IATE) and the Test Program Set (TPS) in support of the B-1B avionics test activity. He also worked on the C-130 Gun Ship until he retired.

HUMESTON, GEORGE E., 79 - passed away on June 6, 2003 in Santa Ana, CA. George retired in 1984 as a logistics engineer after 29 years of service. George is survived by his wife, Barbara.

JACOBSON, ROBERT H., "JAKE", 78 - died on March 15, 2003 in the Veterans Nursing Home at Sheridan, WY. After leaving the service in 1945, Jake received a degree at the Univ. of Minnesota and in 1948 joined the aerodynamics engineering group at NAA/LAD. He was recalled to the USAF in 1951 and served in various assignments including Japan, the Test Pilot School at Edwards AFB, U-2 missions and Thailand during the Vietnam War. He retired from the service as a Lt. Colonel at Wright Patterson AFB. He returned to RI on the B-1 Flight Test Program. He is survived by his wife, Bonnie, and his first wife, Virginia.

JAMES, LAUREL M., 74 - died at her daughter's home in San Diego, CA on June 29, 2003. She worked as an engineering analyst at Autonetics for 25 years before retiring in 1992. She is survived by her husband, Delmar.

KALBACH, ROBERT B., "BOB", 77 - died on June 22, 2003 at his home in Grass Valley, CA. Bob worked in Engineering Flight Test, Santa Susanna and Edwards AFB on the X-15 and, later, on the Apollo and Space Shuttle programs.

LUM, ERNEST K., 86 - died on October 7, 2002, a victim of cancer. He had retired in 1982 from NAA/RI Strategic Systems Division after 27 years of service as an electrical engineer. He is survived by his wife of 55 years, Fannie.

LYON, ROBERT B., 82 - died June 4, 2003 at his home in Wildomar, CA of undisclosed causes. He had served in the USAF meritoriously for 24 years and achieved the rank of Lt. Colonel. He worked for NAA/RI until he retired. He is survived by his wife of 61 years, Gladys.

MAKI, KURT E., 51 - died on June 22, 2003 in Hawaii of unspecified causes. He had worked at RI in Anaheim, CA as a facilities engineer.

MILLER, LAWRENCE J., - late of Whittier, CA, passed away in July 2003. Date of passing and cause of death were not specified, but information indicated he had been a 30 year employee of RI. He is survived by his wife, Sara.

MUSSELMAN, JAMES E., 77 - passed away on July 21, 2003 at his home in Fullerton, CA of unspecified causes. Jim served as a contracts manager for RI before he retired in 1987. He is survived by his wife of 36 years, Susan.

NEALY, ROBERT L., 68 - passed away at his home in Garden Grove, CA from complications resulting from cancer. Bob retired from Autonetics as Director of Operation, Quality Control in 1996 after 36 years of service. He leaves his loving wife, Miki.

ONTIVEROS, PETE C., 80 - of La Habra, CA died on May 27, 2003. After graduating from the University of Houston in 1948, he joined NAA participating in the development of the Inertial Navigation System for nuclear submarines and the test programs for the Apollo and the Space Shuttle flight control systems. Pete retired in 1984 after 32 years of service. He is survived by his wife, Carmen.

OESTREICH, KENNETH T., 86 - died on June 30, 2003 at his home in Sun City, CA. Ken was a marketing supervisor at NAA/RI for 33 years.

PECHTER, LARRY, 68 - died on June 22, 2003 of undisclosed causes. He worked at Autonetics as a guidance and control engineer before retiring in 1993. He is survived by his wife, Harriet.

PHELAN, JOHN H., 81 - of Laguna Woods, CA, died on June 27, 2003 of aortic dissection. He is survived by his wife, Rita.

REED, JAMES R., 75 - an Autonetics design engineer, he died of a heart attack brought on by a fall and a broken hip on June 10, 2003 in Irvine, CA. He is survived by his wife, Shirley.

SHAW, DAN L. "DANNY", 78 - passed away on January 10, 2003 from complications of a stroke that occurred in July 1999. Danny retired from LAD as an engine lathe machine lead man after 39 years of service. He resided in Redondo Beach, CA with his wife of 56 years, Addie Lou.

SCHOENHEIT, ESTHER G., 76 - died July 7, 2003 at her home in Fallbrook, CA after a long battle with lung cancer. She had been employed at NAA/LAD in the Wind Tunnel and Flight Test departments in the 60s and 70s. She is survived by her husband of 45 years, Al.

SLAGG, WILLIAM R., 84 - passed away on May 29, 2003 after a brief illness. Bill moved to Southern California in 1939 and spent his career as an aeronautical engineer with NAA until he retired in 1983. He is survived by his wife of 61 years, Bettie.

SLATER, HERBERT A., 74 - died July 9, 2003 after suffering several years with muscular dystrophy and diabetes. He has been an aeronautical engineer at NAA/RI and served as a technical representative for RI to the USAF in Germany and the Philippines.

SUGGS, CONSUELO "CONNIE", 76 - died July 24, 2003 of congestive heart failure in Washougal, WA. Formerly of Orange, CA she had retired from Rockwell Corp. She is survived by her husband Robert.

SUTHERLAND, LOUISE, 71 - died of cancer on July 19, 2003. She had been a secretary at RI prior to retirement. Louise is survived by her husband, James.

TAGGART, ED, 73 - died on June 6, 2003 in Texarkana, TX. He retired from RI in 1987 after 34 years of service and moved back to De Queen, AR.

TOSTENSON, DON O., 87 - died on May 23, 2003 in Nipomo, CA of complications from a broken hip. In 1947, Don transitioned from Vultee to NAA as a design engineer on the Navaho, Hounddog, B-1 and S-II projects. After 30 years of service, he retired in 1978 as the Director of S-II Administration.

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Contrails From The Past

by Ed Rusinek

Dear Ed,

I really appreciate the historical articles that appear in the NAA RETIREE BULLETIN. However, since I have been receiving the publication only for the past two years, I don't know if the following subject has ever been discussed. I am enclosing a photo to go with the story.

How many remember that in the late 1950s, NAA successfully demonstrated a rocket propelled F-86? The rocket was not designed as a JATO (jet assisted takeoff) bottle but was to provide the F-86 with supersonic dash capability at altitude. The rocket was developed by Aerojet and was propelled by a mixture of Unsymmetrical Dimethyl Hydrazine (UDMH) as fuel and Red Fuming Nitric Acid (RFNA) as the oxidizer.

The nitric acid was rumored to be hard on a person's organs, so those of us working close to the aircraft were instructed to drink a quart of skim milk in case we came in contact with the oxidizer fumes.

To the best of my recollection, J. O. Roberts was the test pilot and we flew only one test flight.

— Clarence H. Bauer, Cape Canaveral, FL



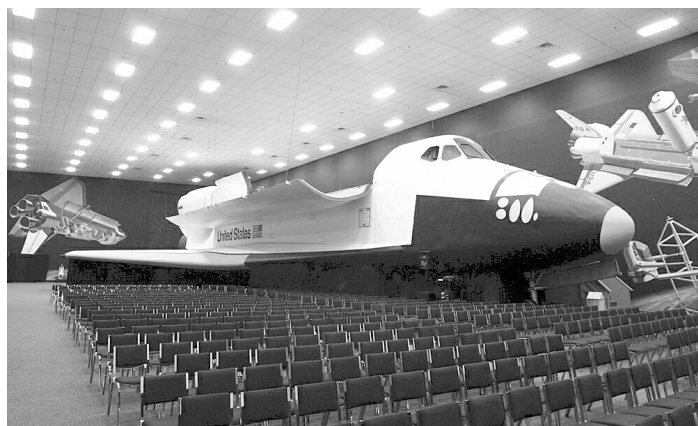
Photo courtesy of Clarence H. Bauer

Ed's Resp.: I never heard of this event during my watch! But, stories like yours make all this effort worthwhile!

Shuttle Mockup In Downey To Be Moved

The 100-foot long mock-up of the Space Shuttle located in the DEI room at the Downey facility will be temporarily moved to another location on the site. The move has been requested by the Industrial Realty Group which plans to develop a 73-acre movie studio there.

Declaring the mock-up to be a unique artifact, the City of Downey stated that the structure will eventually become part of the city's planned Columbia Memorial Space Science Learning Center. In addition to the studio, the city redevelopment plan includes a 34-acre shopping center, a 30-acre Kaiser Permanente medical center, a 10-acre park and a 2-acre space museum.



NASA photo

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TREMAN, SALVATORE M., "SAM", 90 - died on July 22, 2003 at his home in Hemet, CA of unspecified causes. During WWII he was assistant chief engineer at Bell Aircraft. He also worked for Republic Aviation, Curtiss-Wright and finally, NAA where he was chief engineer on the Apollo project.

VOGELSANG, EDWARD W., - of Buena Park, CA, passed away August 5, 2003 of unspecified causes. He has been an electronic engineer for NAA/RI before retiring. He is survived by his wife, Jo.

WHITE, DUANE, 72 - passed away on May 21, 2003 due to complications resulting from cancer and a heart condition. Duane retired in 1982 after 30 years of service as a Graphics Presentation Specialist. He began his career at Rocketdyne, was transferred to Corporate (El Segundo), then to the B-1 division and later to Corporate (Pittsburgh) where he performed a variety of graphics functions for the Rockwell family.

ZELLER, JACK W., 72 - passed away on April 25, 2003 shortly after a third heart surgery. Jack had retired in 1990 after 39 years of service as a jig bore machinist at LAD.

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ANDERSON, FRANCIS E., 86 - died of natural causes on October 25, 2003. He was an electrical inspector at Rockwell International.

BACON, RICHARD N., - died in early October 2003 of undisclosed causes. He worked in Project Engineering at Autonetics on various programs including the Minuteman Guidance and Control System. Richard transferred to the Finance Department before retiring in 1984.

BLAUE, LAURA E., 88 - of Garden Grove, CA died November 6, 2003 of unspecified causes. She was a retired planner for NAA/RI. No further data available.

BOURS, FLORENCE E., 75 - died on July 13, 2003 at Rancho Springs Medical Center in Murrieta, CA of undisclosed causes. She worked in the industry for 31 years before retiring from RI Downey in 1985.

BROWN, HAROLD, 90 - passed away peacefully and quietly in the presence of his wife and family on August 26, 2003 of undisclosed causes. He had a long and distinguished career with NAA/RI including service in the Pricing and Estimating function. His memory is cherished by his wife of 65 years, Bettye.

BURGETT, VERN "BERGIE", 67 - passed away on October 3, 2003 with the comfort of his wife at his side after a courageous battle with brain cancer. He had worked at Rocketdyne for 44 years.

CHASTAIN, LYNDA L., "BIG RED", 65 - died of a heart attack at her home in Long Beach, CA on September 26, 2003. She retired in 1997 from Autonetics after 38 years of service. She is survived by her loving husband, Paul.

COLLIPRIEST, KEITH B., 78 - died on October 7, 2003 of heart disease. He had been an engineering supervisor for RI. No further data available.

CONNER, HARRY A., 72 - passed away in Glendale, AZ on April 7, 2003 of undisclosed causes. Harry worked at Space Division for 25 years before retiring in 1988. His loving wife, Rita, survives him.

CONNOLLY, STEPHEN M., 66 - expired at his home in Anaheim, CA on July 28, 2003 of Renal Cell Carcinoma after several months of declining health. He had been a project manager at Autonetics before retiring in 1991 after 32 years of service.

FERGUSON, DONALD W., 92 - died on September 9, 2003 at the Devonshire Care Center in Hemet, CA of undisclosed causes. He had been an aeronautical engineer with NAA/RI for 29 years before he retired in 1972.

FETTERLY, JOHN H., 80 - died August 25, 2003 of a heart attack and complications brought on by lung cancer. He had been an engineer at RI.

FISCHER, JOHN J., 79 - died on October 28, 2003 of causes yet to be determined. He was an aerospace engineer at Autonetics before retirement.

GARDNER, RALPH D., 77 - died of a heart attack on October 2, 2003 in Anaheim, CA. He retired from Space Division in 1990 as an engineering supervisor for Payload Integration. His loving wife, Ruth, survives him.

GRACE, ALFRED J., 81 - died August 12, 2003 of undisclosed causes with his friends at his bedside. Al had been a long time employee at RI. No other data available.

GREGG, PHILLIP W., 77 - passed away peacefully on October 15, 2003 at home in Huntington Beach, CA of undisclosed causes. He had been a planner for NAA/RI and MCDAC for over 30 years before retiring. He is survived by his wife of 24 years, Frances.

HAMMAN, HENRY F. "FRED", 79 - died on November 7, 2003, a day after his birthday, of complications of cancer. He had become corporate attorney for Rockwell Intellectual Properties (commonly called "patents"), and became an expert because few of the company's patented items or formulas were public knowledge. After an extremely successful career, he retired in 1973. His wife, Jean, survived him.

HOLLINGSWORTH, JOHN H., 84 - died on August 11, 2003 in Sun City, CA from complications of pneumonia following a period of declining health. In 1938, John began working as a sheet metal mechanic at NAA. After 47 years with the company, he retired in 1985 as a Director of Manufacturing. He worked on many notable projects including the P-51, F-86, X-15, B-70, Saturn Stage I booster, Apollo, B-1 and as a loaned executive on Lockheed's Stealth Bomber project. He had also been a past president of the NAA Bald Eagles Club. His second wife, Dolores, survives him.

HOLUB, SR., ALBERT R., 85 - died suddenly at his home in Anaheim, CA of undisclosed causes. He was a gyro instrumentation technician and retired at age 78 after 38 years of service with Autonetics. He is survived by his wife, June.

JAMES, DELMAR R., 71 - died on September 11, 2003 at Inland Valley Medical Center in Wildomar, CA. He worked as a nuclear physicist for 15 years for RI.

KIEFER, CARL, 78 - of Anaheim, CA died of cancer in January 2003. Carl retired in 1985 as Director of Facilities at the Anaheim complex after 25 years of service.

KEITH, MIRIAM O., 71 - passed away on August 31, 2003 in Missoula, MT from complications arising from diabetes and heart failure. Miriam retired from Autonetics in 1992 as a Senior Engineering Planning Administrator. She began her career at the Curtiss Company facility in Columbus, OH and stayed on when NAA took over the facility. She transferred to Autonetics in 1960. Miriam resided in Brea, CA until illness forced her to move closer to her family. Her former husband Blaine, survives her.

KEMP, ROBERT H., 84 - died August 15, 2003 of undisclosed causes at Escondido, CA. He had been in Engineering Management at NAA for 35 years and at one time was the Chief Project Engineer for the F-100 program.

KEMSEL, FRANK E., 75 - died of a heart attack on September 7, 2003 in Orange, CA. He had been a design engineer at Rockwell prior to retirement. He is survived by his wife Rita.

KING, MAX R., 74 - died in Hemet, CA on July 10, 2003 of myelofibrosis. He was a publications analyst with RI for 32 years before he retired in 1992. His wife Beverly survives him.

KORR, MARTIN, 84 - of Fullerton, CA died of a heart attack on September 8, 2003. He had been a machinist at RI before retiring.

LEAVITT, ELMER A., 82 - died on November 11, 2003 at Sunrise Assisted Living in Hemet, CA. Elmer worked as a plater at North American Rockwell for 34 years. A veteran of World War II, he was buried at the National Cemetery in Riverside, CA.

LENT, HARRY C. "PETE", 91 - presumably died of old age during the first part of this year in Westminster, CA. He had worked as a production line supervisor for NAA/RI at the LAD and the Palmdale Facility prior to his retirement in 1976.

LEON, ALEX, 79 - died September 1, 2003 of cancer. He had served as a fireman and EMT for RI. His wife, Mary, survives him.

LOGAN, KATHRYN M., 81 - died unexpectedly on August 31, 2003 at her home in Millville, CA. She had been undergoing treatment for congestive heart failure. As an honors mathematics graduate from Cal with a Phi Beta Kappa she was given high-level performance research assignments on the Mustang and Twin Mustang in the Aerodynamics group. She was the first to successfully predict the top speed of the Twin Mustang at 503 mph. She is survived by her husband of 60 years, Sam, a member of the Bald Eagles Association.

MACK, SAMUEL A., 76 - died September 14, 2003 of undisclosed causes at his home in Nuevo, CA. He had been in data management at RI for 37 years. He is survived by his loving wife of 48 years, Barbara.

MADSEN, RAYMOND W., 84 - died on July 25, 2003 in Aurora, NE from undisclosed causes. He went to work at NAA/RI in 1962 and remained with the company until he retired in 1989. He continued to work at NAA/RI as a consultant for several years before moving to Hampton, NE in 2002. He is survived by his wife, Georgialcee.

MAGIN, RAYMOND A., 88 - died on July 31, 2003 at his home in Hemet, CA of undisclosed causes. He had been a mechanical engineer and assisted in the development of early jet engines at GE and Northrop before coming to RI. He retired from RI in 1973 after 28 years of service. He is survived by his wife of 57 years, Katherine.

MANNING, MARTIN J., 77 - died June 16, 2003 of pneumonia. An aerospace engineer at NAA, he lived in Costa Mesa, CA.

MASSIE, RALPH L., 76 - died on June 14, 2003 in Wofford Heights, CA after a long illness. He worked as a tooling supervisor at Rocketdyne before retiring in 1982. His wife, Bobbie, survives him.

MATHENA, CLOVIS E. "MATT", 86 - passed away on June 6, 2003 in Salem, OR of complications resulting from a heart attack. He had been a tooling supervisor at LAD in the Assembly Tools Department. Matt suffered a heart attack while watching his grandson play baseball. He is survived by his wife.

MAZUR, EDWARD A., 79 – died January 20, 2003 of pneumonia. He lived in Cypress, CA and was an interior wood fabricator for NAA/RI/Boeing. His wife, Dolores, survives him.

McCANN, RAY, 78 – died of cancer in Tustin, CA in February 2003. Ray retired in 1988 after 35 years of service as an industrial engineering supervisor at LAD and Autonetics.

MILLER, LAWRENCE J., 75 – an NAA/RI employee for 30 years. No other data provided by Joe Gilbert.

MOORE, CHARLES W., “CHUCK”, 92 – passed away April 24, 2003 at his home in Hilo, HI. He had worked in manufacturing engineering at the Los Angeles and Tulsa Divisions. He also represented NAA at a subcontractor plant in Evansville, IN during his 30 years in the aerospace industry. His loving wife survives him.

MORLEY, RICHARD A. “DICK”, 73 – passed away August 5, 2003 in Tucson, AZ. His death was brought on by pneumonia and kidney failure occurring after a successful aneurysm procedure. Dick worked for 20 years at the Columbus Division before transferring to LAD on the B-1A program. He retired in 1984 from the B-1 Test Equipment Design area as a supervisor. His wife, Betty, survives him.

MOSLEY, MYRTLE M. “MARIE”, 84 – died on October 20, 2003 of unspecified causes at her home in Wildomar, CA. She was employed at NAA/RI in El Segundo, CA as an assembly line worker for 12 years.

MURPHY, GEORGE, 77 – of La Mirada, CA passed away on March 5, 2003 of heart failure. George retired in 1988 with 32 years of service as a facilities and industrial engineer at Space Division and Autonetics.

NEALY, ROBERT L., 69 – died of cancer on July 4, 2003. He had been Director of Operations and Quality Control. No additional data provided.

NELSON, FRANK K., 86 – died on August 21, 2003 at Chancellor Place Assisted Living in Murrieta, CA of unspecified causes. He had been an administrator for NAA/RI and worked on the Apollo project before retiring in 1982.

NOTKIN, SYDNEY, – of San Marcos, CA, passed away on August 25, 2003 of lung cancer. Sydney retired from LAD in 1973 after 21 years of service. He is survived by his loving wife Joyce.

NUNEZ JR., FRANK, 73 – passed away on October 2, 2003 from pneumonia brought on by complications of Parkinson’s disease. Frank retired in 1989 after 28 years of service as a Financial Advisor at RI Corporate Offices.

PARISH, FREDDIE, 70 – died of unspecified causes on September 15, 2003 at Rancho Springs Medical Center in Murrieta, CA. He had been a manager and an engineer for RI and Hughes in El Segundo, CA before retiring in 1992.

PATRICK, JAMES W. “JIM”, 80 – died of leukemia in Fullerton, CA on September 19, 2003. Jim worked in engineering on the Space Shuttle program and retired in 1987 after 36 years of service. He also had been the president of the Space Division Management Club in the eighties.

PERKINS, CLARENCE A. “PERK”, 82 – passed away on September 27, 2003 at his daughter’s home in San Clemente, CA. He died of heart failure after battling prostate cancer for over 13 years. He started in the Aerophysics Lab in Downey in the early fifties and took a forced retirement in 1986. He returned as a contract employee for another 10 years, working in Inertial Instruments Engineering.

PICO, ROBERT J., 85 – died on June 25, 2003 at the Hemet Valley Medical Center in Hemet, CA of unspecified causes. He had been a welding engineer at RI before he retired in 1980. His wife, Gwendolyn, survives him.

PRILL, FRED, 91 – passed away of undisclosed causes on September 30, 2003 in Yorba Linda, CA. In nearly 40 years at NAA/RI, his contributions played major roles in developing air superiority during WWII and the Korean Conflict. He worked on development of

the P-51 Mustang and was the Project Engineer on the F-86 Sabre. He was Chief Engineer on the T-39 Saberliner development before retiring in 1977. Thelma, his wife of 66 years, survives him.

RODRIGUEZ, CARLOS C., 83 – passed away peacefully after suffering a stroke in San Antonio, TX with family members at his bedside. He had 37 years of service as an electrician for RI at Anaheim, CA before he retired.

ROMERO, JACOB I. “JAKE”, 80 – of Torrance, CA died on September 20, 2003 of unspecified causes. Jake worked in LAD and Palmdale as a manufacturing engineer for 32 years. His loving wife, Alicia, survives him.

RUFFIN, WILLIAM O., 71 – died on September 23, 2003 of cancer. He retired as a supervisor at RI. His wife Sandra survives him.

SCHMIDT, KENNETH W., 83 – of Lake Forest, CA passed away on November 4, 2003 after a long illness. He served in LAD for 35 years before retiring in 1977 from the Design Producibility group. He is survived by his wife.

SMOCK, DARRELL J. “DJ”, 91 – passed away on April 11, 2003 in Payson, AZ from dementia that had plagued him the last five years of his life. He had worked in the financial department at LAD. His wife survives him.

THOMAS, HARVEY A., 82 – died June 29, 2003 at Hemet Valley Medical Center in Hemet, CA of heart failure. He was an engineer at Space Division in Downey for 35 years before retiring in 1982. His wife of 60 years, Fay Ona, survives him.

THOMPSON, MARCUS F., 75 – passed away on March 4, 2003 of cancer in Owasso, OK. He retired from the Tulsa Division in 1984 after 25 years of service. His wife of 54 years, Lou Ann, survives him.

TREMAN, SALVATORE M., 90 – died July 22, 2003 at his home in Hemet, CA from undisclosed causes. During WWII he had been an assistant chief engineer for Bell Aircraft, then worked for Republic Aviation and Curtiss-Wright and finally NAA/RI where he was Chief Engineer on the Apollo project.

WALSH, ROBERT K. “BOB”, 80 – died on October 18, 2003 in Alpharetta, GA from congestive heart failure. Bob retired from the purchasing department at LAD after 48 years of service. Information provided by Donna Walsh.

WHITEHEAD, ROBERT G., 71 – of Garden Grove, CA, died September 27, 2003 of complications from severe back surgery in 2000 and cancer. Bob served 30 years in Purchasing at LAD before retiring in 1987. His loving wife Lois survived him.

WILEY, WILLIS L., 80 – died October 14, 2003 at San Geronio Memorial Hospital in Banning, CA. He had been a machinist at NAA/RI for 15 years.

WILLIAMS, BAILEY A., 85 – died of congestive heart failure on July 18, 2003 at Kindred Hospital in Westminster, CA. He was a decorated WWII fighter pilot who flew P-38s and P-51s over Nazi Germany; was shot down, captured and escaped. He continued his service in the Air Force during the Korean War and specialized in reconnaissance and electronic counter measures. Following retirement from the Air Force in 1965, he became a Vice President of NAA/RI’s electronic countermeasures division. He was instrumental in the creation and development of his proudest accomplishment, the Wild Weasel. His final project was the Space Shuttle *Columbia*.

WILSON, JOHN E., 83 – of Visalia, CA died November 13, 2003 of undisclosed causes. He had retired as Vice President of Marketing for Rockwell International. His wife Virginia survives him.

Editor’s Note: The Silent Majority section is intended to inform of the final passing of NAA, NAA/RI and/or NAA/RI/Boeing retirees only. Please include all data relevant to the professional life and demise of the individual in order to make the obituary meaningful. Thank you!

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The Silent Majority

by Stan Guzy

ANDREWS, WILBUR A., 81 – died on November 15, 2003 at his home in Redondo Beach, CA. Wilbur served as an engineer at North American Rockwell for 40 years.

BAKER, WILLIAM E., 71 – passed away on December 11, 2003 in Huntington Beach, CA after contracting pneumonia. Bill had battled lung disease for over twenty years and underwent quadruple by-pass surgery from which he never fully recovered. After receiving a BSEE degree in 1959 he worked in aerospace until his retirement from NAA/RI in 1992. Bill was a devoted family man and was very active in Scouting. He also assisted in Little League, serving as a coach and umpire for many years. Myrna, his wife of 47 years and his extended family survive him.

BALDWIN, RUSSELL H., 92 – passed away on January 4, 2004 from undisclosed causes. He had worked for Bell Aircraft, NAA/RI and TRW as an aerospace engineer, helping to build some of the earliest American spacecraft from Vanguard to the Apollo. He retired from TRW in 1976. Consuelo, his wife of 39 years, survives him.

BARTER, JACOB H., 85 – died on January 11, 2004 at his home in Hemet, CA from undisclosed causes. He had worked for NAA/RI for 34 years until he retired as a manager in 1986. Madelyn, his wife of 65 years, survives him.

BOWEN, PENNY, 72 – died from a pulmonary heart condition on August 23, 2003 in Cocoa Beach FL. He had worked as an NAA tech rep in Korea and Viet Nam during his career at NAA/RI.

BROOKES, SARI, 82 – passed away in Las Vegas, NV on December 12, 2003. She had worked as an illustrator at LAD for many years and retired from the Space Division in 1992 where she was in Shuttle wiring installation design. No further information provided.

BRUNSKOW, ERIK O., 63 – died suddenly on December 23, 2003. Erik had worked on Apollo, Saturn and GPS programs before retiring from the Seal Beach facility in 1999. He is survived by his loving wife of 41 years, Lorraine

COMBS, FLORENCE E., 65 – of Hemet, CA, died on November 26, 2003 at the Corona Regional Medical Center. She had been a planner at the Autonetics Division for 30 years before retiring. Her loving husband, Jimmy, survives her.

CRAMER, DANIEL W., – retired from LAD in 1991 after 42 years of service. Bulletin returned, stamped “Deceased”. No further information available.

CRAWFORD, ELSIE L., 90 – died January 5, 2004 in Murrieta, CA of undisclosed causes. She had retired from NAA/RI. No further information provided.

DOWNEY, FRANK W., 71 – died of cancer in Las Vegas, NV on January 22, 2004. Frank hired in the traffic department at LAD as a truck driver. He transferred to Atomics International and then to Palmdale. Promoted to manager of transportation & in-plant trucking, he retired in 1988 after 35 years of service. His wife Ladena, also an NAA/RI 1987 Palmdale retiree, survives him.

ENTSMINGER, JACK D., 78 – died on December 16, 2003 from undisclosed causes at the Inland Valley Regional Medical Center in Wildomar, CA. He was an engineer at NAA/RI and is survived by his wife of 57 years, Emelie.

GREGORY, ROBERT P., 82 – of Mission Viejo, CA died of Alzheimer disease on December 5, 2003. Bob had been a tech-

nical illustrator in the LAD advanced design group. Betty, his loving wife, survives him.

HAND, RICHARD L., 77 – died on January 1, 2004 in Springdale, Iowa. He retired from NAA/RI in 1987 after 29 years of service as an engineer/member of technical staff. He specialized in the area of technical writing. Avis, his wife, survives him.

HERMANN, NORMAN E., 82 – died recently at the Sun City Convalescent Hospital in Sun City, CA. Details of his death were not provided. He had been an engineer at NAA/RI from 1954 until he retired in 1982. His wife, Laverne, survives him.

HILL, FRED J. JR., 76 – passed away on November 11, 2003 from a heart attack at his farm home in Pine Bluff, AR. He was a lead engineer for the inertial guidance systems being developed at Space Division. He also flew aboard the B-52 as a missile operator for the Hound Dog (WS-131B) during flight test at Eglin AFB. Fred retired in 1986 after 30 years of service. He is survived by his loving wife, Robby.

HOGUE, ROSE MARY, 82 – died on December 16, 2003 at Los Alamitos Medical Center, Los Alamitos, CA of complications following hip surgery. She had worked in Software Engineering at Downey. She retired in 1984 after 21 years of service. Lewis (Jack), her husband survives her.

JACKSON, GWENDOLYN W., 81 – died December 26, 2003 of undisclosed causes in Plano, TX. She started as a secretary and retired as an executive assistant in the engineering planning group at NAA/RI. No additional information was provided.

JAEGER, WILLIAM H. “BILL”, 85 – died peacefully at his home in Huntsville, AL from unspecified causes on January 13, 2004. In 1947, he went to work for NAA in aircraft hydraulics and later became Chief of Customer Relations. In 1956, he was appointed plant manager of the Rocketdyne Division in Neosho, MO. The Neosho plant built the Saturn 5 booster engines. In 1959, he was promoted corporate director of NAA/RI’s Huntsville operations which were dedicated to the Apollo Program.

JONES, FRED W., 67 – passed away at home on January 14, 2004 from unspecified causes. After 31 years of service with NAA/RI, he retired to Parker, AZ where he was enjoying his days along the Colorado River. Jean, his wife, survives him.

KASULES, JOSEPH E., 87 – passed away peacefully at his home in Cypress, CA on January 9, 2004. Details of death were not specified. He worked for NAA/RI as a research technician for over 30 years before retiring in 1980. Maxine, his loving wife of 61 years, survives him.

LITTLE, ROBERT S. JR., – of Hemet, CA, passed away on November 20, 2003 in Las Vegas, NV while on a short trip. Although Bob served most of his 28 years at LAD, he retired in 1982 from the Columbus Division where he began his career in manufacturing engineering. His loving wife, Viola survives him.

MATTESON, BEN H., 90 – of La Mirada, CA, passed away on November 11, 2003 of unspecified causes. Ben began his career in Contract Administration at LAD and retired from Autonetics in 1971 after 33 years of service. His loving wife, Mary, survives him.

McCOY, ARTHUR H., 85 – a resident of Bullhead City, AZ, passed away on November 16, 2003 in Las Vegas, NV. Arthur

retired from the Palmdale Facility after 31 years of service. His loving wife, Carol, survives him.

McGOWAN, STANLEY E., 75 – passed away in Torrance, CA of a massive stroke on January 17, 2004. Stan served 24 years at the LAD in engineering flight test instrumentation. He was responsible for the design and operation of computers used in the reduction of flight test data. He is survived by his wife, Barbara.

McHUGH, CHARLES J., 89 – passed away on January 6, 2004 of unspecified causes. He came to the aviation industry in 1942 and worked as an aerospace engineer with NAA/RI for over 35 years. He worked on the Space Shuttle and Apollo mission that landed a man on the moon. His name is in a capsule on the lunar surface.

MIKULS, JOHN A., 92 – died at his home in Hemet, CA on January 29, 2004. He was a model builder at LAD for 30 years. He is survived by his loving wife of 58 years, Barbara.

MOORE, CHARLES A. “CHUCK”, 79 – died in Hesperia, CA on January 23, 2004 of cancer. Chuck served in the LAD structures lab for 32 years until he retired in 1981. He is survived by his loving wife, Barbara.

MORAN, EDWARD H., 89 – a retired supervisor at Rockwell International died in La Habra, CA on January 25, 2004 of heart disease. No further details available.

NEAL, WILLIAM J. “BILL”, 83 – died after a heart attack at his home in Yucaipa, CA on December 6, 2003. He retired from LAD Plant Protection as a security officer in 1985. His loving companion, Pauline, survives him.

OWSIAN, ANDREW, “ANDY”, 64 – of Mira Loma, CA died as a result of a heart attack on December 24, 2003. Andy had worked at LAD in Computer Operations for 17 years. No further information provided.

PEARSALL, KEITH A. “BUD”, 84 – died on September 29, 2003 in Prescott, AZ. Bud worked for NAA for 20 years before retiring in 1968. In 2000, he moved to Phoenix, AZ to live with his son, Wayne, and his family.

PETERSON, LAVERN C. “PETE”, 80 – of Torrance, CA died on January 14, 2004. He worked in the warehouse for 29 years and was a leadman when he was placed on disability. He retired in 1989. He is survived by his loving wife of 54 years, Omolene.

PHILLIPS, HARRY J., 71 – died on January 17, 2004 at Centinela Hospital in Inglewood, CA after suffering a heart attack. He was an expert in aerospace electronics and worked on many aircraft and rocket programs at NAA/RI/Boeing before retiring in 2002. His wife, Monika, survives him.

PLESCIA, PHILLIP F., 87 – a resident of Anaheim, CA he died on December 8, 2003 of natural causes. As an aerospace engineer/manager he had worked on many production programs including the P-51, F-86 and F-100, the X-15 and the Concorde. Mabel, his wife of 66 years, survives him.

REESE, LOIS, 69 – succumbed to cardiac arrest on December 29, 2003 in Lynwood, CA. She had worked at LAD in El Segundo, CA on the Sabreliner and B-1 programs. She retired from the Seal Beach facility after 35 years of service.

ROBERTS, WILLIAM T. M. “SWAMPY”, 81 – died on December 23, 2003 at UCLA Santa Monica Hospital after a long illness. “Swampy” had a technical career that spanned over forty years at NAA/RI on programs including the X-15, the Apollo, the Saturn II, the Space Shuttle and the Space Station. His wife of 55 years, Bobbye survives him.

SCHOEMAKER, ANDREW R., 82 – of La Habra, CA passed away on January 23, 2004. He was a project engineer in LAD on the B-1 wing design and in Downey and Seal Beach before retiring in 1990 after 41 years of service. He is survived by his loving wife of 51 years, Doris.

SCRIVEN, LELAND A., 89 – of Orange, CA died on January 2, 2004 of pneumonia. He was a NAA/RI retiree. No additional information was provided.

SIMONE, JOSEPH D., 79 – passed away on December 3, 2003 at Hoag Hospital in Newport Beach, CA from congestive heart failure. Joe had worked at LAD from 1961 to 1985 as an industrial and plant layout engineer. He worked on the XB-70, Apollo and the B-1A and B-1B. He was a trained architect. Joe served in the U.S. Marine Corps during World War II and was wounded at Iwo Jima. Rose, his loving wife of 54 years, survives him.

STEPHENS, LUCIAN B., 80 – passed away in September 2003 of undisclosed causes. With a passion for flying, he worked for NAA/RI on major projects including the Apollo Space Program. No further information available.

SULLIVAN, CLIFTON R. “SULLY”, 87 – died of heart failure on January 14, 2004 at the Kindred Care Hospital in Los Angeles, CA after a long illness. He joined NAA in 1940 at the LAD facility and worked as night shift supervisor in Quality Control for 36 years until he retired in 1976. Mary Ann, his wife of 63 years, survives him.

TEMOYAN, HARRY, 79 – died on February 4, 2004 at the Menifee Valley Medical Center in Sun City, CA. He was an engineer at Autonetics for 30 years. Internment was at Riverside National Cemetery.

WEHMEYER, ARLO E., 72 – passed away on December 6, 2003 after a long bout with cancer. He came to NAA in 1957 where he began his career in the systems and tactics group working on the F-107, F-108 and B-70 navigation subsystems. He moved to the avionics group in 1968, working on the electronic systems design concepts for the B-1 bomber and other programs until he retired in 1987. His wife, Jackie, survives him.

WHATCOTT, VERNON C., 74 – died on January 10, 2004 in Las Vegas, NV of complications resulting from arthritis and emphysema. Vern had lived in Las Vegas since his retirement in 1985. He worked in the thermodynamics group at NAA and made contributions to aircraft projects such as the F-108, XB-70 and the B-1B bomber. Mary Ann, his wife, survives him.

YERIAN, FLOYD R., 73 – died on February 8, 2004 of natural causes at his home in Corvallis, MT. Floyd retired from Space Division in 1986 after 31 years as a manufacturing research engineer.

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BARRETT, RICHARD D., 81 – of Mission Viejo, CA died on April 21, 2004 of a heart attack. Dick was a technical writer at LAD.

BERRY, HAROLD F., 88 – passed away from natural causes on October 8, 2001. Harold joined NAA/LAD in 1941 and retired in 1976 after 35 years of dedicated service.

BERSICH, BERNIE, 76 – died on August 11, 2002 at his home in Cypress, CA from declining health. He had served as a NAA Tech Rep on the F-86 fighter for many years. He was also Past President of the NAA Technical Representatives Association.

BRANCH, KARL, 75 – died March 24, 2004 at Sutter Auburn Faith Hospital after a brief illness. Karl worked as a software engineer on major projects including the Space Shuttle main engines and the Space Station before retiring in 1992. An enthusiastic trombonist, he played with the Rockwell Band in Los Angeles, CA.

BROWN, ORAL KENNETH, 85 – died in Newport Beach, CA on February 22, 2004 of pneumonia. He worked at several divisions for 43 years before retiring. His wife, Betty Brown, survives him.

BRUBAKER, DALE, – died of cancer in October 2003. Dale worked in fuselage design, engineering standards and, finally, in materials and processes when he retired.

COWART, FRANK – renewal postcard returned marked “deceased”. Frank had worked at Rocketdyne for 37 years and retired in 1978.

CRAWFORD, ELSIE L., 90 – died January 5, 2004 of undisclosed causes in Murrieta, CA. She was retired from NAA/RI.

DELP, DONALD S., 78 – died on December 2, 2002 in Scottsdale, AZ from internal bleeding with complications. He had retired from the B-1 Division in 1985 after 24 years of service. He is survived by his loving wife, Ann Marie.

ENTSMINGER, JACK D., 78 – died on December 16, 2003 in Wildomar, CA of undisclosed causes. He retired as an engineer at RI. He is survived by his wife of 57 years, Emelie.

ESPINOSA, DAVID V., 85 – of Anaheim, CA died of natural causes on March 16, 2004. He had worked as a material handler at RI before his retirement. His loving wife, Helen, survives him.

FLANAGEN, ISAAC W., 95 – died on February 26, 2004 in Nipomo, CA. He retired from Autonetics engineering management. Burial was in Church Hill, Tennessee.

FRICK, DOROTHY L., 91 – passed away on March 16, 2004 in Salem, OR of undisclosed causes. She had been an accountant in the Cost Section of Accounting when she retired in 1975.

HEIMER, FRED C., – subscription renewal card returned marked “deceased” from Athens, WV.

HERMANN, NORMAN E., 82 – died January 5, 2004 in Sun City, CA. Norm worked as an electrical engineer at NAA/RI from 1954 until he retired in 1982. His wife, LaVerne, survives him.

HODGES, EDWIN T., 86 – died of pneumonia on March 5, 2004 in Fullerton, CA. He was in engineering management and was a member of the Radio Club for many years. His wife, Betty, survives him.

HOLTE, ANFIN “ART”, 90 – died at his home in Vista, CA on January 10, 2004. Art began his career in 1941 at LAD

where he met his wife. Art retired in 1976 after 35 years of service. His loving wife, Edna, survives him.

HORTON, IVY M., 83 – died May 2, 2004 of a heart attack. Ivy had been a supervisor in human resources before retiring in 1983 with 33 years of service. Bill, her loving husband of 61 years, survives her.

KING, PAUL D., 81 – of Cypress, CA, died of natural causes on March 7, 2004. He was in engineering management prior to retirement. His wife Judith survives him.

KIRBY, WILTON K., 91 – died on February 10, 2004 in Sun City, CA. He worked as an engineer on the Apollo ram jet engines prior to his retirement. His loving wife, Mildred, survives him.

KNOBEL, FRED W., 89 – died March 1, 2004 at home in Riverside, CA of undisclosed causes. He had worked as a machinist on the B-1 test models and the Space Shuttle program. His wife, Ordema, survives him.

LAW, ERVING G., 76 – of Yorba Linda, CA, an aerospace engineer and attorney, died on April 20, 2004 after a long illness. He retired in 1988 as a project manager but returned as a Flex Force employee for another 3 years before retiring again in 1993. His loving wife, Caryn Marie, survives him.

LECCESE, VINCENT H., 74 – died in Long Beach, CA of cancer on February 26, 2004. Vincent worked in manufacturing operations management at LAD, Palmdale and in St. Louis, MO.

LYNCH, HELEN L., 62 – of Santa Ana, CA, died of a heart attack on March 14, 2004. She worked as an electronic assembler at NAA/RI before retirement.

MAXWELL, ROBERT D. “BOB”, 83 – died on March 24, 2004 at home in Camarillo, CA. Bob worked as an electrical engineer for 47 years at Downey and at Autonetics prior to retiring in 1995. He is survived by his wife of 58 years, Maxine.

McINTYRE, DONALD, 76 – died on April 14, 2004 in San Marcos, CA of Parkinson’s disease complications. Don began his career at NAA/LAD as an engineering draftsman in 1948. Moving to the Space Division, he became a project manager in the Apollo and Space Shuttle projects prior to his retirement in 1984. He is survived by his loving wife of 28 years, Nancy.

MEAD, GEORGE, 75 – died March 10, 2004 of undetermined causes. He worked in engineering prior to his retirement. Interment services were held in New York.

MENG, EUGENE D., 80 – died unexpectedly at his home in Huldenberg, Belgium of undisclosed causes. Gene joined the Autonetics Marketing Department in 1955 and was appointed director of field offices in Dayton, OH, Oklahoma City, OK and Houston, TX before joining the NAA European Marketing office.

MORAN, EDWARD H., 89 – died on January 25, 2004 of heart disease. He was an art supervisor prior to his retirement.

NATION, DONALD J., 78 – of Anaheim, CA died of pulmonary disease on April 8, 2004. He was a supervisor at Space Division.

OLIVER, RAYMOND B., 81 – of Fullerton, CA, died after a lengthy illness on December 8, 2003. Ray began at NAA in

1948 and retired in 1984. He had worked on the Navajo, Saturn S-II, Space Shuttle and other projects. His devoted wife, Rebecca, survives him.

OLSEN, ROBERT P. “BOB”, 82 – died peacefully of undisclosed causes on February 8, 2004 in San Luis Obispo, CA. A metallurgical engineer, he worked on NAA space programs including the X-15 development, Apollo and Space Shuttle projects until he retired in 1985.

OLSEN, VICTOR L., 83 – passed away in October 2003 from undisclosed causes in Prescott, AZ. He joined NAA in the early 1950s and served in program management, budgeting and business applications before retiring in the 1980s.

ORSBURN, DOUGLAS K., 86 – of Fullerton, CA died of lung cancer on February 16, 2004. Doug served in Logistics Management at Autonetics for many years. His wife, Sue, survives him.

PENNOCK, JOHN L., 72 – died on January 28, 2004 at West Hills Hospital near Agoura Hills, CA. John retired from Rocketdyne after 35 years of service at Huntsville, AL, White Sands Proving Grounds, NM and Canoga Park, CA. His wife Vivian survives him.

PRIME, ELLIS R., 88 – died on January 5, 2002 of congestive heart failure in Stanford, CA. He worked in the metallurgical applications area at LAD for 27 years prior to his retirement in 1970. His devoted wife of 59 years, Rita, survives him.

RHODES, JAMES E., 75 – died on November 13, 2003 of undisclosed causes in Lancaster, CA. Jim worked as a mechanic in Flight Test Operations at Edwards AFB and at Plant 42 in Palmdale, CA.

SANCHEZ, FRANK L., 78 – died March 19, 2004 of a heart attack. He had worked as an engineer for NAA/RI/Boeing. His wife, Alberta, survives him.

SCHAEFER, NORMA JEAN, 82 – died on March 9, 2004 in Corona, CA. Cause of death was not disclosed. Norma had been a NAA blueprint clerk at Downey, CA for 20 years before she retired.

SCHWARTZ, IRWIN L. “IRV”, 76 – passed away on April 10, 2004 in Woodland Hills, CA of complications due to cancer. He retired in 1990 after 18 years of service as a process engineer in the materials and producibility at LAD. His loving wife, Jo Anne, survives him.

SCOFIELD, WARREN L., 83 – a resident of Bixby, OK, died of a stroke on January 26, 2004 in Tulsa, OK. He had worked for 35 years as an engineer and manager on the F-86, X-15, XB-70, Apollo, B-1 and Boeing 757 at LAD and Palmdale before retiring from Tulsa.

TEMOYAN, HARRY, 79 – died on February 4, 2004 in Sun City, CA. After WWII, he worked for NAA/RI as an aerospace engineer for 30 years before retiring from Autonetics.

THAYNE, DONNA (PLANCHON), 72 – died on March 5, 2004 of cancer. She worked at NAA/RI for 32 years before retiring. Richard, her husband of 51 years, survives her.

TRUMAN, HUBERT “PETE”, 77 – died on May 6, 2004 of a heart attack in Columbus, OH. He retired after serving 35 years in Contracts at the Columbus plant. He is survived by his loving wife of 52 years, Donna.

VAN LEUVEN, ALBERT C., 87 – passed away on March 1, 2004 in Palm Springs, CA. Albert had served in a managerial capacity at NAA/RI for 29 years. He is survived by his wife of 65 years, Frances.

WALKER, ROBERT B. “BOB”, 92 – passed away in North Pitcher, NY on November 11, 2003 of undisclosed causes. Bob came to NAA in the late 30’s. He enlisted in the U.S. Army Corps and served from 1941 to 1946, achieving the rank of Lt. Colonel. On special assignment, he worked with Wernher von Braun in Scottsdale, AZ on the Atlas, Ajax and Titan designs. He received several awards for his work on the X-15, B-70 and B-1B programs.

WEBBER, EDGAR R., – died December 20, 2003 of natural causes. He was an engineer with NAA/RI/Boeing for 35 years. He is survived by his wife of 61 years, Dorothy.

WEST, WILLIAM J., 83 – of St. George, Utah, died from complications attributed to an infection. He worked as a physicist for NAA/RI/Boeing for several years. His wife, Helen, survives him.

WIENER, HARRY R., 67 – died on December 24, 2003 in Huntsville, AL of undisclosed causes. He began his engineering career at NAA/El Segundo, CA. In 27 years, he was promoted up the corporate ladder to Site Director of the Huntsville Facility where he retired in 1996. He is survived by his devoted wife, Rita.

WILSON, EVERITT J. “ED”, 76 – of Calimesa, CA died on November 18, 2003 of cancer at Loma Linda Medical Center. Ed worked as a facility engineer at Space, Autonetics and Lakewood, retiring in 1988 after 28 years of service. His loving wife of 44 years, Marcella, survives him.

WURZER, GERALDINE, “GERRIE” – died of cardiopulmonary arrest on October 16, 2003 at her home in Torrance, CA. She worked as a design engineer for 47 years before retiring. Starting at LAD, she transferred to the Space Division to work on the Apollo and Space Shuttle projects.

WYTHER, FREDERICK K., 90 – died on March 11, 2004 of recurrent pneumonia. Fred retired in 1968 after 25 years of service as an industrial engineer. After retirement, he moved to Florida, Oxnard and Pacific Palisades before settling in Van Nuys, CA. Estelle, his loving wife of 65 years, survives him.

YOUNG JR., WILLIAM E., 82 – died on December 31, 2003 in Orange, CA of undisclosed causes. He worked in quality control.

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ANSELMO, CHARLES, 79 – died on June 18, 2004 in his sleep at Irvine, CA. Although he retired from the Space Division in Downey, he worked for many years on Saturn testing at Rocketdyne. He is survived by his loving wife, Joanne.

BEERBOWER, VIRGINIA L., 82 – an executive secretary at North American/Rockwell, Virginia died in Laguna Beach, CA of heart disease on May 2, 2004. She is survived by her son Monte.

BRANNON, RAYMOND “RAY”, 76 – of Compton, CA died on September 11, 2003. He retired as a toolmaker from LAD with 35 years of service.

BURHOP, HOWARD E., 89 – passed away on July 30, 2004 at his home in Fallbrook, CA. Howard was a project engineer at LAD when he retired in 1972 after 25 years of service. He had been president of the NAA Management Club, member of the Bald Eagles and a certified member of the Mach Busters Club. He is survived by his loving wife Jean.

CANNON, JOHN J., 79 – died of congestive heart failure at home in Tustin, CA on June 4, 2004. John was a project engineer when he retired from Space in 1984 after 33 years of service. His loving wife, Jean, survives him.

CASAGRANDE, JOSEPH P., 88 – passed away June 8, 2004 in Lancaster, CA. Joe started at NAA in 1940 as an assembler/riveter and retired in February 1976 as crew chief. He worked on the Vigilante, XB-70 and the B-1A. He is survived by his loving wife Nita.

CLARKE, PATRICIA H., 80 – died in Redondo Beach, CA on June 9, 2004. She retired from NAA after 30 years of service.

COLEMAN, OMA, 84 – of Aliso Viejo, CA, a secretary at North American Rockwell, died on June 20, 2004 of pneumonia.

COX, MARTIN, 80 – died on February 2, 2004 of cancer in Santa Maria, CA. Martin retired from the B-1 Division in 1986 after 35 years of service. He is survived by his loving wife Olga.

DAVIS, LYMAN E., 75 – died on May 29, 2004 in Tustin, CA after a lengthy illness. Lyman was an engineer on the Minuteman, Peacekeeper, XB-70 and other defense programs. He retired in 1979. Lyman is survived by his loving wife of 55 years, Katherine.

DAY, E. A. “SLIM”, 86 – died on July 11, 2004 of leukemia in Union City, GA. Slim retired in 1974 after 31 years of service in Tulsa and LAD. He is survived by his loving wife of 64 years, Audrey

DOYLE, JAMES “JIM”, 70 – died on May 20, 2004 in Fountain Valley, CA after a long illness. He worked in reliability engineering on small parts procurement at Downey and Seal Beach.

DWYER, DOROTHY C., 87 – passed away on April 4, 2004 in Rancho Palos Verdes, CA after a long struggle with dementia. Dorothy worked at NAA/Rockwell for 31 years before retiring in 1982.

EZELL, WILLIAM F. “BILL”, 74 – died on May 26, 2004 at his home in Palm Desert, CA. In 1950, Bill entered the U.S. Army and served at White Sands, NM where he tested rocket engines. After joining NAA's Rocketdyne Division, he was

involved in the development of Saturn and Apollo rockets, the Space Shuttle Orbiter, B-1 bomber, and the Peacekeeper missile programs. He retired from Rocketdyne in 1992 as the Vice President of Engineering and Test. He is survived by his loving wife Katie.

FERRUZZO, MATILDA S., 85 – of Cypress, CA, died on July 4, 2004 of Alzheimer's disease. She retired as a supervisor.

FONG, FRANK – of La Canada, CA, passed away on April 27, 2004 at the Verdugo Hills Hospital in Glendale, CA of a cerebral hemorrhage. He retired from Space Division in 1983 after 31 years of service.

GITTINS, ERIC F., 76 – passed away in March 2004 in Lawndale, CA. He retired in 1984 from LAD Assembly Tooling as a senior toolmaker with 20 years of service.

GONZALES, HORMIDIA “ARMIDA”, 82 – passed away at Canyon Crest in Riverside, CA on April 4, 2004. Armida retired after 25 years of service on major space programs as an electronic parts fabricator.

HALEY, GLEN W., 92 – died in Grand Junction, CO on June 29, 2004. After serving in the U.S. Army Air Transport Command, Glen received a master degree and went into writing. He authored three books and ended his working career as a technical writer at North American Rockwell on the Apollo program. He is survived by his loving wife Evelyn.

HARGISS, W. CLARKE, 79 – died in Santa Maria, CA of pneumonia on January 9, 2004. He was a quality control manager at Rocketdyne and served at the corporate office in Pittsburgh before retiring in 1986 after 26 years of service. He is survived by his loving wife of 57 years, Joan.

HAYNIE, ERVIN C., – of Lincoln City, OR, died with his wife Daisy on April 8, 2004. He retired from Palmdale in 1975 after 36 years of service.

HEINLEIN, JOHN H., 74 – passed away on June 19, 2004 at home in Garden Grove, CA after a valiant battle with cancer. John worked in mass properties engineering on the Apollo and Shuttle programs before retiring in 1995. He is survived by his loving wife of 43 years, Dottie.

HORTON, IVY A., 83 – died on May 2, 2004 in Canyon Lake, CA. Ivy worked in Human Resources for 35 years before retiring in 1983. She is survived by her loving husband of 61 years, Bill.

HUDDLESTON, DALE P., 72 – of Cypress, CA, a retired senior engineer, died of lung cancer on May 13, 2004. He is survived by his wife Sharon.

HUSTED, WAYNE D., 80 – died of heart failure on June 27, 2004 at his home in Overgaard, AZ. He had 20 years of service as a liaison engineer and retired from the B-1 Division in 1977. He is survived by his loving wife of 40 years, Beverly.

JELINEK, WALTER A., 88 – died in Lancaster, CA on November 8, 2003. Walt worked for 37 years in engineering flight test at Edwards AFB and at Palmdale. He is survived by his loving wife of 52 years, Erdene.

KING, CLYDE W., 86 – passed away in Lewiston, ID on May 11, 2004. He was in Structures for 50 years, ending on the T-39 Sabreliner. He is survived by his loving wife of 61 years, Barbara.

KREIDEL, SAM, 77 – died of bladder cancer on January 29, 2004 in Cocoa Beach, FL. Sam began his career in Downey in 1948 as a design engineer. He retired in 1992, spending his summers in Montana and winters in Florida. He is survived by his wife, Betty.

LEDONNE, FRED E., 74 – passed away in Taylor, TX on June 9, 2004. Fred joined NAA at the Columbus Division after service in the USAF. He retired in 1993 after 30 years of service including work on space programs at JSC and Downey. Fred is survived by his loving wife Norma.

LEWIS, MARJORIE O., 82 – of Laguna Beach, CA died on July 13, 2004 of cancer. She retired as a machine operator.

McINTOSH, DOUGLAS A., 86 – died at home in Lancaster, CA on July 26, 2004. He started with NAA in 1947 and retired in 1973. He is survived by his loving wife Elsie.

NIEKULA, EDWARD W., 66 – died of cancer on June 23, 2004 in Orange, CA. He worked in component engineering at Autonetics, before joining Northrop. He, subsequently, returned to Autonetics and retired from Boeing. He is survived by his wife Jane.

O'BRIEN, WILLIAM S., 74 – died at his home in Anaheim Hills, CA on May 16, 2004 from Parkinson's disease. Bill joined NAA at the Columbus Division in 1952. In 1959, he was assigned to Vandenberg Air Force Base and, subsequently, to the Downey facility. He retired in 1987 after working on the Apollo and Space Shuttle programs. He is survived by his loving wife Joan.

OLSON, ROBERTA G., 90 – of Orange, CA., died of Alzheimer's disease on August 5, 2004. She was a cost accountant at NAA/RI for many years. She is survived by her loving husband James.

ROBINSON, WOODROW W. "WOODY", 86 – passed away from lung cancer on February 29, 2004 in Philomath, OR. Woody retired in 1977 after more than 20 years in production planning on the B-70 at LAD and Apollo in Downey. He is survived by his loving wife Millie.

RUNNELLS, SR., RICHARD L. "DICK", 75 – joined his wife Elizabeth in death on April 19, 2004 in Lawndale, CA. Dick retired from Rockwell after 48 years of service. He was the scoutmaster for Lawndale Boy Scout Troop 97 from 1964 to 1971.

RUSSELL, MARGARET M., 78 – died on July 25, 2004 during a family reunion at Cape Hatteras, NC after falling down a staircase and striking her head on a tile floor. She joined NAA at Columbus in 1950 in the payroll department. She transferred to LAD in 1960 and obtained a Masters Degree from UCLA. She retired from Space in 1987. Burial was in her hometown at Somerset, OH.

SCHULTZ, GRACE A., 87 – of Hawthorne, CA, passed away on July 6, 2004. Grace retired from LAD Manufacturing, Planning & Requirements Control.

SILVER, DUANE C. "DUKE", 84 – of Antelope Valley, CA, passed away on July 14, 2004 of a stroke. He joined NAA in 1945 and worked on many of the pioneering aviation programs including the X-15, XF-91, XF-93 and lead the powerplant group on the XB-70. He had 29 years of service when he retired in 1974.

SKALICKY, JAMES M., 83 – passed away on November 8, 2003 at Lancaster, CA after a lengthy illness. Jim worked on the AT-6, SNJ, P-51, B-25, F-86, F-100, and F-107. He transferred to flight test/GSE control on the B-70 and B-1 before retiring with 41 years of service.

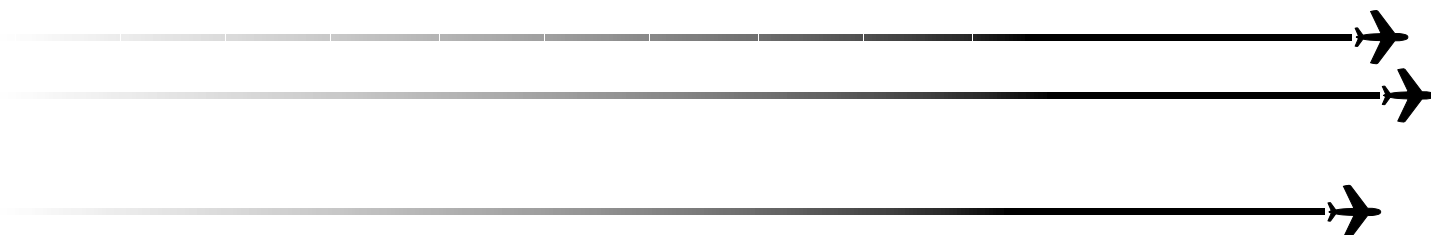
SMITH, ROBERT, 63 – passed away in Torrance, CA on June 2, 2004. He was an engineer at NAA through the early 1990s.

SWANSON, WARREN E., 83 – passed away peacefully at his home in Playa Del Rey, CA on July 22, 2004. He joined NAA at LAD in 1946 and was involved in the development of the F-100, X-15, XB-70 and the B-1. He was Vice President and General Manager of the XB-70 program and in 1964, President of the Los Angeles Division. Warren retired in 1983 and is survived by his loving wife Peggy.

WEAGE, FRANK C., 79 – passed away at his home in Paso Robles, CA on April 5, 2004 of cancer. Frank retired in 1979 after 26 years of service. Frank was the reliability project engineer on the successful unmanned Apollo 6 mission before returning to LAD. He is survived by his loving wife Wanda.

WHALEN, WILLIAM G., 67 – of Santa Ana, CA passed away on May 14, 2004. Bill retired from LAD in 1994 after more than 28 years of service. He is survived by his loving wife Lynne.

PAX DOMINI SIT SEMPER VOBISCUM



The Silent Majority

by Stan Guzy

COOPER, L. GORDON, JR., 77 – passed away on October 4, 2004 of a heart condition at his home in Ventura, CA. He was the youngest of the original seven “Right Stuff” Mercury astronauts. On May 15, 1963, he orbited the Earth 22 times in 34 hours and 20 minutes in the capsule *Faith 7* for the last and longest Mercury mission. Two years later during the Gemini GT-5 mission, he and Charles Conrad established a space endurance record of more than 3.3 million miles in 190 hours and 56 minutes. He was the backup command pilot for Apollo X. Gordon left NASA and retired from the Air Force as a colonel on July 31, 1970. Among his numerous awards were the Distinguished Flying Cross with clusters, the Collier Trophy and the Harmon Trophy. His caring wife, Susan, survives him.



BARNHART, G. MICHAEL, 52 – died on October 20, 2004 due to a pulmonary embolism following prostate surgery. He worked for NAA/RI for the past twenty years as a computer software engineer on various programs at the Autonetics facility.

BARTH, JOHN L. – of Salt Lake City, UT. Bulletin returned stamped “Deceased”. John retired from LAD in 1982 after 35 years of service.

BEAVERS, H. KEN, 80 – passed away on September 2, 2004 in Tulsa, OK after a long battle with cancer. Ken retired in 1981 after 35 years of service in the Model Shop at LAD. He is survived by his loving wife Frances.

BROWN, CLYDE, 86 – of Mission Viejo, CA died on September 26, 2004 due to heart disease. He was a retired accountant for NAA/RI. Survivors include his wife, Carmen.

BRUNNER, JAMES “JIM”, 78 – died on April 21, 2004 of a heart attack in Cape Coral, FL. Jim retired in 1986 as a vice president of Accounting at Space Division with 36 years of service. He is survived by his loving wife of 58 years, Thelma.

CANNON, JOHN J., 79 – died of congestive heart failure in Tustin, CA on June 24, 2004. John retired from Space Division in 1984 after 33 years of service. John is survived by his beloved and only wife Betty.

CARTER, DONALD H. “DON”, 75 – passed away on November 2, 2004 of emphysema in Peoria, AZ. Don retired from Seal Beach as a director of Material in 1988 after 26 years of service. His caring wife Louise survives him.

COLBENSON, KEITH E., 75 – passed away on August 24, 2004 in Lancaster, CA after a lengthy battle with Alzheimer’s disease. He retired as a flight test supervisor after 31 years of service. He is survived by his loving wife Eileen.

CONRAD, REX K., 84 – of Tucson, AZ died on October 15, 2004 of a heart attack. Rex was buried at the National Cemetery in Riverside, CA with military honors. He retired from the B-1 Division in 1979 after 33 years of service. He is survived by his wife of 57 years, Mary Ruth.

COOK, JAMES R. “JIM”, 84 – died on October 24, 2004 in Bellflower, CA from complications after knee surgery. Jim retired from Space Division in 1985 after 22 years of service in Reliability and Safety but returned to work part-time on the Shuttle and Delta IV programs. His wife, Kathy, survives him.

DANIELS, CAROL ANN, 70 – passed away on August 15, 2004 of a bacterial infection. She worked in accounting for over 37 years, starting at the Los Angeles Division and transferring to the Seal Beach Facility.

DESPARS, EDWARD J., – of Winnetka, OH passed away at home on October 4, 2004. He retired from Rocketdyne after 26 years of service.

ELLEZY, MARY B., 84 – died on September 24, 2004 of cancer. She had been an inspector at the Autonetics facility for many years. Her husband, Johnnie, survives her.

GRAHAM, ROMEYN G., 83 – died on November 2, 2004 of causes yet to be determined. He had been an accountant at the NAA/RI Autonetics facility. Survivors include his wife, Rose.

HARRERA, DANIEL F., 84 – fell victim to congestive heart failure recently (date unreported). Dan had worked on a variety of programs at several divisions of NAA/RI as a facilities engineer. He had retired after 39 years of service.

HESELDENZ, JOHN S. – of Palm Desert, CA. Bulletin returned stamped

“Deceased”. John retired from LAD in 1969 after 31 years of service.

HEWITT, NORMAN W., 83 – passed away on October 5, 2004 in Gardnerville, NV of pneumonia after a short illness. Norm served for 32 years in Space Division in Quality Assurance on the B-1, Apollo, and Shuttle programs. His loving wife of 55 years, Lucille, also a retiree, survives him.

JONES, GLADYS E. – of Coeur d’Alene, ID, died on October 5, 2004 of cancer. Gladys retired from LAD after 25 years of service as an executive secretary.

KING, JR., JULIAN P., 72 – passed away on August 31, 2004 in Sacramento, CA after a long battle with Parkinson’s disease. He served as a mechanical engineer for 30 years and resided in Lakewood, CA.

KOMATZ, LAWRENCE J., 62 – died suddenly in Ft. Myers, FL on November 1, 2004. A long time resident of Oakmont, PA, he retired from Rockwell International as a vice president and controller. He is survived by his loving wife Cathy.

LUNDGREN, JOHN E., 82 – died of stroke complications on June 7, 2004 in Laguna Hills, CA. John started at NAA in 1946 at LAD and rose to group leader in Thermodynamics from the P-51 through the F-107 Programs. He subsequently transferred to Space and completed his 36 year career as Manager of Thermodynamics and Heat Transfer for the Apollo and Space Shuttle programs. He is survived by his loving wife of 50 years, Gracia.

MEADOWS, TERRANCE O. “TERRY”, 75 – passed away in Santa Maria, CA on September 29, 2004. Terry retired from LAD in 1982 after 35 years of service. He started as a mechanic and ended as a manager of Production Control. His loving wife, Janet, survives him.

MOSELY, FRED L., 83 – passed away of undisclosed causes in Torrance, CA on October 25, 2004. Fred retired as a fireman in Security at LAD in 1987 after 32 years of service. He is survived by his wife of 58 years, Charlotte.

MURILLO, LUCILLE C. “LUCI”, – succumbed to cancer in October 2004. An experienced administrative secretary, Luci spent many years in the Purchasing department as secretary to the Division Director. She also served as a confidential secretary to Contracts and Pricing department management. She was considered outstanding, reliable, dependable and extremely accurate in the performance of her clerical/administrative tasks.

O’DONNELL, CEDRIC F., 84 – passed away on April 10, 2004 of undisclosed causes. Cedric worked for NAA where he became Vice President of the Electronic Research Center, and served as President of Autonetics before his retirement. He is survived by his wife of 60 years, Jean.

PASCUZZO, FREDERICK P., 80 – died on September 12, 2004 at home in Huntington Beach, CA. Fred retired in 1992 from Space Division after 31 years of service. His loving wife, Anna, survives him.

PEARSALL, KEITH A. “BUD”, 84 – died on September 29, 2003 in Prescott, AZ of undisclosed causes. Bud retired in 1968 after 20 years of service with NAA.

PELLETIER, CONRAD A., 77 – of Torrance, CA died of pulmonary fibrosis on August 4, 2004. Connie was an engineer in the GSE group at LAD and retired in 1985 after 33 years of service. He is survived by his loving wife of 53 years, Lucy.

PETERSON, PAUL F., 85 – passed away in Palos Verdes Estates, CA on October 23, 2004. Paul devoted 38 years of service to armament design including weapons for the P-51, B-25 and P-82. He retired in 1978 as Chief Armament Engineer on the B-1 project.

RUSSELL, MARGARET M., 78 – of Columbus, OH died on July 25, 2004. Margaret retired from Space Division in 1989 after 37 years of service.

TOM, RAYMOND, 85 – of Rancho Palos Verdes, CA died on July 31, 2004 of congestive heart failure. He retired from LAD in 1984 after 25 years of service.

TRABER, MILFORD A., 90 – passed away of natural causes on August 26, 2004 in Marina Del Rey, CA. He joined at LAD in 1950 and retired in 1977 after 27 years of service. He worked on the B-70 and B-1 in planning and budget control.

TERVORT, DALE, 77 – died of a stroke in Antelope Valley, CA on June 17, 2004. He served for 37 years on the B-1 and other projects at the Palmdale Facility. He is survived by his loving wife Lillian.

WAGNER, MILDRED, 88 – died on September 21, 2004 in Whittier, CA from colon cancer. Mildred held various positions in Downey and retired after 30 years from Contract Compliance, Material.

WRIGHT, BARRY L. “BUD”, 70 – passed away on October 10, 2004 at his home in Diamond Bar, CA from undisclosed causes. Bud retired as an electronic engineer and technician from NAA/RI Autonetics. His wife Doris, survives him.

The Silent Majority

by Stan Guzy

ALBERTSON, FRANK E., 70 – of Orange, CA died on January 19, 2005 of lung disease. Frank was an aerospace marketing manager at Autonetics prior to his retirement. His wife Jeanne survives him.

ANDERSON, KEITH V., 81 – of Laguna Niguel, CA died of metastatic mesothelioma on November 18, 2004. He worked at Autonetics as an aeronautical engineer for many years. His wife Maurine Beatrice survives him.

ATTAWAY, FRED J., 72 – passed away on December 2, 2004 in Fullerton, CA from pulmonary difficulties. Fred served for 22 years in Test & Operations on the Apollo program at KSC, and as manager of Shuttle System Safety and supervisor in Shuttle Mission Control in Downey. He retired in 1983. Prior to joining NAA, Fred was a pilot in the U.S. Marine Corps. His caring wife Audrey survives him.

BEEMAN, RAYMOND, 80 – of Torrance, CA, passed away at home on December 6, 2004 from complications of Parkinson's disease. Ray retired in 1989 from the aerodynamics group at LAD with 35 years of service. He is survived by his devoted wife of 54 years, Pearl.

BIRGEN, DOMINIC F., 85 – died on January 19, 2005 of undisclosed causes. He retired from RI as a corporate tax manager after many years of service. His wife and extended family survive him.

BLACKFORD, JOAN T., 63 – of Laguna Beach, CA died on January 24, 2005 of cancer. She worked as a production manager for NAA/RI/Boeing.

BONEM, ERIC J., 78 – died November 19, 2004 of undisclosed causes in Fountain Valley, CA. Eric had a long career as an aerospace engineer at Autonetics. His wife preceded him in death.

BROFMAN, WOODY, 69 – of Anaheim, CA died on December 23, 2004 from complications of pneumonia. He had been an aerospace engineer for NAA/RI

CLODIUS, RICHARD T., 75 – died on November 24, 2004 of congestive heart failure in Anaheim, CA. Prior to retirement he had worked at Autonetics in the engineering disciplines. His wife Vera survives him.

COLE JR., DONALD M., 87 – of La Habra, CA died of arterial fibrillation on January 24, 2005. He had worked in the engineering department at NAA/RI prior to retirement. His wife Betty survives him.

COOK, ARTHUR W., 79 – passed away peacefully from cancer at his home on December 6, 2004. He was in electronics engineering at the B-1B Division.

He retired in 1985 after 32 years of dedicated service. Rosalind, his loving wife of 14 years, survives him.

DOHL, FRED R., 75 – lost a long battle with cancer on January 1, 2005 in Santa Maria, CA. Fred retired from Satellite Systems Division in 1988 after 29 years of service. He served at White Sands Missile Range, Kennedy Space Center and Vandenburg AFB before completing his career at the Seal Beach facility. His wife Eileen survives him.

D'URSO, DANIEL L., 86 – passed away peacefully at his home in San Clemente, CA on January 9, 2005. After serving as a naval aviator he joined Autonetics as a Project Manager and served in that capacity for many years. His wife Julie survives him.

GERMAN, SAMUEL E., 86 – passed away in Riverside, CA on November 11, 2004. Earl was a metalworker at LAD when he retired after 37 years of service. He suffered a stroke and was in nursing care for two years. His loving wife Dorothy survives him.

GLIDDEN, TERRY L., 64 – of Anaheim, CA died on December 9, 2004 of unspecified causes. He had worked as a blue print operator at NAA/RI for many years prior to retirement.

HARTBERGER, HELEN R., 81 – passed away on December 5, 2004 at the Fairfield Medical Center in Lancaster, OH when her heart gave out after successful surgery. Helen retired to Thornville, OH in 1986 after 27 years of service at the Columbus Division.

LEFLER, DOUGLAS C., 81 – passed away in Santa Cruz, CA on January 22, 2005, after a brief illness, due to congestive heart failure. He joined NAA in 1953 and was responsible for pricing and contracts on various projects including the X-15, XB-70 and the B-1. He retired in 1983 and is survived by his loving wife Judy.

MASSEY, JOHN L., 89 – died on August 12, 2004 in Sun City, CA. John had worked as a department manager in manufacturing at NAA Los Angeles Division for many years prior to retirement.

MCCRAE, WILLIAM N. "BILL", 90 – passed away in Berryville, VA of a heart condition on November 14, 2004. Bill retired in 1979 as a subcontractor administrator with over 24 years of service in the material division at Rocketdyne. His wife Margie survives him.

MCKECHNIE, ROBERT S., 76 – of Temecula, CA, died December 16, 2004 at his home. Robert retired from Rockwell after 35 years of service as an engineer. He is survived by his loving wife of 53 years, Gayle.

MEADOWS, TERRY, 75 – died on September 29, 2004 at Marian Medical Center in Santa Maria, CA after suffering a stroke. He worked at the LA Division for many years and was instrumental in the early developmental phases leading up to the award of the initial B-1 contract. Janet F. Stahl, his companion of 23 years, survives him.

MONTOYA, NARCISO “CISO”, 86 – died peacefully on December 4, 2004 after a long battle with Parkinson’s disease. He had retired from NAA/RI and was a published poet. He is survived by his loving wife of 54 years, Carmen.

OWEN, MARIANNA, 80 – residing in Mission Viejo, CA died January 24, 2005 as a result of a stroke. She had worked as a secretary at the NAA LA Division for twenty years before retiring in 1980. No further information available.

PALMER, RICHARD R., 77 – died of congestive heart failure on December 14, 2004 in Placentia, CA. He was a retired NAA/RI aerospace engineer. His wife Betty survives him.

POLING, CECIL D., 90 – of Buena Park, CA died of chronic obstructive pulmonary disease on January 1, 2005. Cecil retired from NAA/RI after many years of service as a quality assurance engineer.

RIVAL, ISABEL C., 74 – died on December 14, 2003 at home in Norwalk, CA of pancreatic cancer. She retired as a lead person from the Autonetics machine shop in 2002 after 35 years of service. Her granddaughter Arleen Rival survives her.

SAURO, JOSEPH, 79 – passed away on December 2, 2004 in Mission Viejo, CA. Joe was an in-plant truck driver between Anaheim and Palmdale for many years. He retired in 1987 after 35 years of service.

SKINNER, LOREN R., 86 – passed away quietly on November 14, 2004 at his home in Escondido, CA. Loren joined NAA at the Kansas City plant in the early 1940s before going into the U.S. Army. He returned to LAD where he joined the renowned Tooling Group and was a key member of the Master Tool Design

Group and later, the Manufacturing Engineering Advanced Programming Group. He was part of the cadre of specialists chosen to launch the Tulsa Division in the 1960s but returned to LAD on the B-1 program. He retired in 1980 after 36 years of service.

STUBBAN, SCOTT, 70 – of Santa Ana, CA, a retired systems manager from Rockwell, died on December 17, 2004 of a stroke. He is survived by his loving wife Roni.

SWARTZ, RITA M., 76 – of Laguna Woods, CA died of cancer on December 6, 2004. She had worked at NAA/RI/Boeing as an executive secretary prior to retirement.

TAGGART, EDWIN E., – of Redondo Beach, CA retired from Space Division in 1985 after 34 years of service. Bulletin returned stamped “Deceased”.

TRACE, JONDA L., – of Columbus, OH retired from the Columbus Division in 1989 after 29 years of service. Bulletin returned stamped “Deceased”.

TUCKER, WILFORD E. “WILL”, 79 – died in Klamath Falls, OR of cancer on December 3, 2004. Will retired from Autonetics Defense Systems in 1983 after 28 years of service. He is survived by his loving wife Tina.

VARTANIAN, SARKIS V., 75 – died in Torrance, CA on January 26, 2005 of a heart attack after spending months in a hospital as a result of an accident. Sarkis retired in 1991 from the B-1 Division after 36 years of service in Material Control. He is survived by his loving wife Jane.

WILLIMAN, ALEXANDER O., 75 – died at his home in Escondido, CA on January 25, 2005 after a long and courageous bout with leukemia. Alex began his career at NAA/Downey in 1952 and retired from Autonetics in 1987. He was an accomplished computer system designer and engineering manager in Data Systems and Microelectronic Research Division for many years. He was Director of Engineering, Strategic Defense & Electro-Optical Systems Division at the time of his retirement. Louise, his wife of over 54 years, survives him.

EDITOR’S NOTE:

I request obituary information on the following retirees so that their passing can be properly honored in the Silent Majority: Joyce De’Angelis and Robert Butler. Please send all replies to the NAAR Bulletin office. Your assistance would be greatly appreciated. — Stan

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The Silent Majority

by Stan Guzy

BACHMAN, SHERLEY, 89 – passed away on July 26, 2004 in Clovis, CA. Sherley worked in tooling at LAD until she retired.

BARNETT, MAXINE A., 92 – passed away in Flagstaff, AZ on March 19, 2005. A widow, she learned to be a stenographer, joined North American Rockwell and worked on the Apollo program in Downey until she retired at 65. Called back twice, she worked until 1985. A longtime resident of Downey, she served as president of the Downey Rose Float association for many years.

BRIGGS, GLENN W., 87 – passed away on February 16, 2005 after a valiant battle with cancer. Glenn ended a 40 year career of service with the Federal Government as the Deputy Program Manager, Apollo Program at Space Division. He then served for 10 years at Rockwell in Littleton, CO as a Senior Quality Control manager on the Space Shuttle. His ashes were taken to Colorado to be interred with his wife Vivian.

BURNSIDE, MILDRED I., 96 – passed away on February 4, 2005 from undisclosed causes at West Anaheim Extended Care in Anaheim, CA. Mildred had worked at the Autonetics facility before she retired at 65.

BUSH, JOHN D., 87 – died from complications following congestive heart failure on January 19, 2005. John joined NAA in 1943 and worked on many aircraft programs including B-25, F-82, Navion, B-45, F-86 and FJ, F-100, T-28, A-2J, XB-70 and the B-1. He retired in 1978 but returned as a consultant in B-1 GSE engineering for two years. He is survived by his wife Beverly.

CLARK, CLAYTON C. “CLAY”, 80 – passed away on April 28, 2005 from pneumonia and a heart attack in Locust Grove, VA. He worked in the aerodynamics group at LAD from the early 1950s to the early 1960s.

DAVIS, NELLIE B., 85 – died in Placentia, CA on February 16, 2005 from Alzheimer's disease. Nellie served in manufacturing planning at Space Division in Downey.

DICK, HARVEY D., 80 – died on February 4, 2005 in Las Cruces, NM after a long illness. He was an engineer on the Apollo Earth Landing System and was involved in much of the testing done at White Sands Testing Facility in NM. He retired from the Space Division in December 1979 and was rehired in November 1982 and retired again in March 1988 from the B-1 Division. He is survived by his loving wife Luella.

DUCOBU, JEAN A., 86 – died of natural causes on April 15, 2005 in Placentia, CA. Jean had been a plant supervisor before he retired from Rockwell International.

FARQUHAR, GLORIA, 68 – passed away in Carson, CA of cancer on March 25, 2005. Gloria retired from LAD in 1992 after 32 years of service.

HANSEN, SHERRILL M., 57 – passed away on July 29, 2004 in Palmdale, CA. Sherrill started at LAD in tool control and then transferred to Palmdale where she served in requirements control.

HERNER, JAMES P., 62 – died on June 18, 2004 of cardiac arrest in Orange, CA. Jim retired from Missile Division in 1997 with 34 years of service in engineering. He is survived by his loving wife Elizabeth.

HUNTLEY, ALICE, 87 – passed away at her home in Lake San Marcos, CA on February 15, 2005. A graduate of the University of Oklahoma, she moved to California and served as executive

secretary to “Dutch” Kindelberger, Chairman of the Board of North American Aviation. She is survived by her loving husband Cliff.

JOHNSON, BARBARA C. “BOBBIE”, 79 – died on February 18, 2005 at Little Company of Mary Hospital in San Pedro, CA. She graduated from the University of Illinois at the age of 20, the first woman to receive a degree in Civil Engineering. She joined NAA in 1946 at LAD and, subsequently, moved to the Aerophysics Laboratories in Downey to work on the Navaho. Her technical and engineering management skills spanned the Navaho, Hound Dog and Apollo programs. Her ability to explain complex technical issues in simple layman language won her world recognition from national leaders and such media moguls as Walter Cronkite. Among her many honors and awards, she was a Fellow of the Institute for Advancement of Engineering. She is survived by her loving husband Harold Lee. Barbara's story was featured in the Summer 2004 issue of the NAARB.

JONES, ROBERT R., 83 – passed away on April 4, 2005 after a brief illness with heart disease. Bob began his career in 1955 as a mechanical engineer at NAA. He retired in 1987.

KERR, JAMES M. “JIM”, 70 – died on April 21, 2005 in Sandpoint, ID after a yearlong battle with cancer. Jim had a highly successful career in senior management positions at NAA/RI during the Apollo/Saturn/Space Shuttle programs. He was named Corporate Director of Procurement and Business Systems at RI/Collins until he retired in 1994 after 40 years of service. His wife Charie survives him.

KING, CHANDLER “CHAN”, 93 – passed away peacefully on April 10, 2005 in Santa Barbara, CA. Chan was one of the last six remaining charter members of the Bald Eagles which originally included only those that made the trek from Dundalk, MD to Inglewood, CA. He retired from Space Division in 1975 after 40 years of service.

KINGSWOLD, JACOB G., 88 – passed away at home in Torrance, CA on April 3, 2005. Jacob retired in 1978 after 40 years of service in engineering mockup at LAD, Downey and Autonetics. He is survived by his loving wife of 52 years, Yvonne.

KOEPPE, ROBERT W., 69 – passed away in Lake Havasu City, AZ on May 3, 2005 of a massive heart attack. Bob retired in 1995 from Autonetics after 37 years of service. He was a manager in Marine Systems. He is survived by his loving wife Rosemarie.

LANHAM, PARIS L., 85 – a longtime resident of Lancaster, CA, Paris died in Massachusetts where he lived with his son. He was an engineer with North American Rockwell for 35 years before retiring in 1978.

LINDEWALL, GEORGE W., – died April 9, 2005 of congestive heart failure. He lived in Fullerton, CA and had worked at NAA/RI as an electrical engineer. He is survived by his wife Marilyn.

MEECHAN, CHARLES “JIM”, 76 – died on February 21, 2005 in Woodland Hills, CA of pancreatic cancer. Jim began his meteoric career at North American Aviation in 1951 at Downey as a researcher. He established the chief technical office for the company and became the Corporate Vice President of research and engineering in 1972. He published twenty papers in acclaimed science journals and established an international reputation in solid state physics. He was deeply involved in the

nation's space program and retired in 1984 to dedicate the rest of his career to his writings, musical composition and video, including a one hour video entitled "Space, the 25th Year and Beyond". It was selected by the Planetary Society as a featured history of the U.S. achievement in space exploration. He is survived by his loving wife of 53 years, Bunny.

MORGAN, ROBERT C., 83 - passed away in Los Alamitos, CA on March 24, 2005. Bob worked as a research engineer at Rockwell International for 38 years and retired in 1983. He joined his wife Mercer in operating Mercer's Hallmark store in Los Alamitos. In 1986, they retired to Bishop, CA where he became a master woodcarver and avid fisherman. He is survived by his loving wife Mercer.

MUNDS, FRANK W., 84 - died at home in Lancaster, CA on April 8, 2005 of natural causes. Frank served as a flight test engineer for 30 years at Palmdale and Edwards AFB on several aircraft, including the XB-70 and the B-1. He retired in 1977 from LAD. He was highly respected by his colleagues for his technical abilities. He is survived by his loving wife of 62 years, Eve.

NELMS, SARAH, 91 - died of natural causes in Mission Viejo, CA on March 25, 2005. Sarah was a retired secretary from NAA/RI.

PARKER, RICHARD D., 81 - died of undisclosed causes on April 15, 2005. He had worked as a cost analyst at Autonetics.

PARKS, DAVID F., 66 - passed away at home in Long Beach, CA of cancer on April 4, 2005. David joined Rockwell International in 1979 after retiring from the USAF. Supervising the calibrations laboratory, he participated in the Star Wars Satellite Defense System program. He retired in 1989 and is survived by his loving wife Vicki. Burial was at the National Cemetery in Riverside.

PERKINS, VIRGIL V., 80 - died on February 21, 2005 at his home in Bourbon, MO from lupus and idiopathic fibrosis. He joined NAA Autonetics in 1952 and served in key engineering management positions. He was the Program Manager on the MK2 SINS and other Navy programs. As a result of successful testing, adaptation and demonstration of inertial navigation systems on Navy vessels, the Marine Systems Division was formed to install SINS in the Navy nuclear submarine fleet. Virgil retired in 1982. He is survived by his wife Billie.

POWERS, JACK L., 78 - passed away in Torrance, CA on February 16, 2005 of cancer. Jack worked at LAD for over thirty years as an engineer. His wife Lucille survives him.

RALEY, HAROLD R. "HAL", 79 - passed away of cancer at home in Fallbrook, CA on February 21, 2005. He retired from LAD tooling supervision in 1984 after 35 years of service. He is survived by his loving wife of 58 years, Mary.

RING, WILSON S. "PAT", 92 - passed away in Vista, CA on May 2, 2005 of undisclosed causes. Pat retired in 1974 after 30 years of service at LAD as an aviation flight line mechanics trouble shooter. He is fondly remembered by many LAD co-workers who utilized his skills as an able and honest auto mechanic. He is survived by his loving wife Kathleen.

SHOWALTER, JOSEPH R., 89 - died on April 29, 2005 in St. George, UT. Internment was in Panguitch, UT.

SHULTZ, ALVY P., 89 - passed away in his sleep at home in Hawthorne, CA on April 25, 2005. Alvy joined NAA in 1941 and retired with 38 years of service from LAD in 1978 as a supervisor in experimental fabrication.

SIMO, THERESA, 71 - died of cancer on January 25, 2005 at her home in Placentia, CA. Terri worked for many years as a receptionist in the operations center at Autonetics Electronics Systems.

SMITH, RAYMOND O., 77 - passed away peacefully, surrounded by his family, on April 20, 2005 after a courageous battle with cancer. Ray worked his entire career in quality assurance, primarily at Rocketdyne. He is survived by his devoted wife of 48 years, "Harsy".

STACKHOUSE, WILLIAM V., 90 - died of natural causes on April 26, 2005. He was a retired NAA/RI engineer living in San Juan Capistrano, CA.

TAFF, ALFRED, - died suddenly on April 16, 2005 of a heart attack in Oxnard, CA. He worked in manufacturing engineering at LAD before transferring to Rocketdyne where he became manager of production engineering. He retired in 1980 after 34 years of service. His caring wife Ellie survives him.

TRICHE, HENRY W. "HANK", 83 - died on February 13, 2005 in Van Nuys, CA. He joined NAA in 1946 and retired in 1990 after 44 years of service. Hank was an engineer on the F-86D and F-100 and a project engineer on the XB-70 and B-1A and B. He was preceded in death by his loving wife Barbara.

VAUGHN, STANLEY I., 87 - passed away of cancer on March 19, 2005 in Columbus, OH. Stan began his engineering career on the Curtiss SB2C Helldiver and became the first plant manager when Curtiss Wright opened the Columbus facility in 1941. He later joined NAA at Columbus and worked on the R3J/RA-5C Vigilante. He retired in 1983.

WADE, DANA, 72 - died on April 11, 2005 in Palm Desert, CA. He started in engineering on the Hound Dog program in 1960 and moved to material on the Apollo and Space Shuttle programs. He retired in 1990 from Downey after 30 years of service. Dana is survived by his loving wife Kathleen.

ZIMA, KENNETH - died on March 7, 2005 of cancer in Torrance, CA. No further information provided.

IN PASSING

ONLY 14 OF THE 41 RETIREES LISTED IN THIS FINAL SALUTE WERE SUBSCRIBERS TO THE NAA RETIREES BULLETIN. HOW VERY SAD THAT THE ONLY CONNECTION MOST OF OUR RETIREES HAVE TO THEIR BULLETIN IS WHEN THEIR NAME APPEARS IN THE SILENT MAJORITY.

PAX DOMINI SIT SEMPER VOBISCUM

The Silent Majority

by Stan Guzy

ARMSTRONG, WELDON T. "TOM", 77 – of Sedona, AZ, died of heart disease on June 21, 2005 at Gold Beach, OR. A fighter pilot during the Korean War, he became an experimental test pilot and accident investigation officer at Edwards AFB, where he completed seven test programs on the "Century Series" fighters, including the F-100, F-101, F-102, F-104 and F-106 and the T-38 and U-2. He joined NAA in 1963 as chief research pilot on the Apollo Lunar Landing program where he developed the initial Apollo/Lunar Landing docking flight procedures. From 1981 until 1997, Tom served as research pilot and systems safety engineer on the Space Shuttle Orbiter program. His wife Joan survives him.

AARON, ROBERT H., 94 – died on July 18, 2005 at his home in Laguna Woods, CA, after a brief illness. He was extremely proud of his role as an NAA/RI contract manager on Space Programs, including the Apollo XI mission to the Moon, and later on the Space Shuttle. Bob retired from NAA/RI in 1975.

BATES, RICHARD W., 84 – of Lake Forest, CA died of a gastric hemorrhage on June 21, 2005. He was a retired purchasing agent for NAA/RI.

CAVANAUGH, JACK D., 83 – died on June 12, 2005 in a hospital in Las Vegas, NV as a result of a staph infection acquired while recuperating from a fall. Jack was in the Traffic Department at LAD and Autonetics. He retired in 1979 after 32 years of service.

CHRISTOPHER, FRANK J., 79 – died on July 5, 2005 in Orange, CA of congestive heart failure brought on by mesothelioma. Frank worked in the Finance group at Autonetics and at Corporate before retiring in 1987 after 23 years of service. He was a member of the NAA Bald Eagles. He is survived by his devoted wife of 58 years, Shirley.

CROCKETT, ROBERT "BOB" JR., 79 – of Seal Beach, CA, passed away on June 12, 2005 from a fungal infection of the lungs. Bob served in manufacturing productivity for 42 years in Downey before retiring in 1988. A colonel in the Confederate Air Force, he was the post advisor for the Explorer Scout Post for Space Exploration at the Downey facility. Bob is survived by his caring wife of 54 years, Joyce.

CULLETON, RICHARD P., 82 – passed away on August 4, 2005 in Lancaster, CA of cancer. Dick first retired from LAD in 1978 but returned to Palmdale and EAFB as a structures engineering manager and retired a second time in 1987 with 31 years of service. He worked on the F-86, XB-70, RA-5C, and the B-1.

DODGE, EUGENE R. "GENE", 85 – passed away on August 12, 2005 of heart failure in San Jose, CA. Gene was a metallurgist for many years in the LAD Production Development Laboratory.

DUNHAM, PHILIP N. "PHIL", 84 – passed away at his home in Dewey, AZ on March 29, 2005 after a long illness. After a twenty-year career in the Air Force, Phil obtained an engineering degree and joined the Space Program. He worked on the Apollo, Shuttle and GPS programs. Taking evening classes at law school, he passed the California Bar and became an engineer-attorney. Phil retired from Rockwell International in 1982. His family moved to Arizona and he was appointed a Municipal Judge for Prescott Valley. His loving wife Marjorie survives him. Phil was buried with full military honors Riverside National Cemetery in Riverside, CA.

DUNN, JAMES, 74 – died on July 29, 2005 in Orange, CA from cancer. He had worked as an engineer at NAA/RI before retiring.

ELBEN, ANN R., 82 – of Rancho Santa Margarita, CA died of heart disease on June 30, 2005. She was a senior instrument inspector for NAA/RI before retiring.

FEASTER, THOMAS W., 70 – passed away July 28, 2005 at his home in Sun City, CA of undisclosed causes. Tom was a member of the Apollo Space Program team at NAA/RI with 36 years of service. He is survived by his beloved wife of 49 years, Margie.

FILKOFF, HERBERT L., 80 – died of renal failure on July 4, 2005 in Fountain Valley, CA. He was an aerospace engineer at NAA/RI before retiring.

FORE, WALLACE E., 87 – died on June 9, 2005 at Air Force Village West in Riverside, CA. He joined NAA in 1938 while attending USC. He was called to active duty in 1941 and served in Europe. After the war, he returned to NAA and to USC where he received his B.S. degree. He subsequently received an M.S. degree from UCLA. During his 43-year career, he served as vice president of several divisions including Rocketdyne, Rockwell Aircraft and Space Operations. He retired from Rockwell in 1980 as Vice President of Production Operations.

GALLEGOS, GEORGE H., 88 – passed away peacefully on June 7, 2005. He had worked at NAA/RI and NASA on the Skylab and Space Shuttle projects, receiving a NASA award for his time saving ideas. His beloved wife, Bebe, survives him.

GIAVANNOLI, WILLIAM F., 85 – of Laguna Beach, CA passed away on July 3, 2005. He was an NAA/RI engineer.

HAND, WILLIAM H. "BILL", 90 – of Laguna Woods, CA died on February 23, 2005. Bill retired from LAD B-1 Division in 1975 after 36 years of service. He was proudest of his contribution to the success of the P-51. His caring wife Ann survives him.

HANSON, ARGIE, 63 – passed away on May 27, 2005 in Dana Point, CA. She had worked in the aerospace industry for over 28 years and at NAA/RI before retiring.

HEDEGUS, ALEX, 87 – died of natural causes on May 20, 2005. Alex had a 36-year career in the Traffic Department at LAD, Downey and Anaheim as a truck driver, dispatcher and supervisor. He is survived by his wife of 40 years, LaVonne.

JAMES, EARL A., 64 – passed away in July 2005 of undisclosed causes. He retired from NAA/Boeing after 36 years of service beginning at the Downey Facility and culminating at the Anaheim Facility in 1997. He had received many performance commendations from NAA/RI and the Navy.

JOHNSON, JIM R., 73 – died of a heart attack on February 7, 2004 at his home in Chatsworth, CA. Jim was a chemical engineer for 36 years at Rocketdyne until he retired in 1990. His loving wife Lavonne survives him.

JORGENSEN, BETTY, 84 – of San Antonio, TX passed away on May 4, 2005 at the Air Force Village II. She was a long time employee of North American Rockwell Corporation.

KOKEN, GENE, 91 – of Lakewood, CA, died on June 20, 2005 from complications of old age. Gene worked in Material at LAD and Autonetics, serving for 35 years before retiring in 1977.

KRAUSMAN, HELENA M., 91 – of Fullerton, CA died of natural causes on June 30, 2005. She worked as a senior statistician at NAA/RI for many years and for the editor in the Apollo Logistics Administration group for several years.

LEEVEY, WILLIAM E. "BILL", 80 – died June 20, 2005 of heart failure. Bill joined NAA/Autonetics on the Minuteman Program in 1960. After initially working in flight test analysis, he became involved in the cryptographic aspects of nuclear command and control. He was regarded as the father of the Minuteman code handling system. Bill retired in 1990, shortly before the death of his wife, Marge.

LE GENDRE, RICHARD, 69 – of Norco, CA died July 20, 2005 of injuries suffered in an accident. He was a retired lab technician from NAA/RI.

LEONE, LEO, 83 – died August 4, 2005 in Laguna Woods, CA of congestive heart failure. He had retired from tooling liaison at NAA/RI. His wife Mary survives him.

LINDSAY ROBERT “BOB” – passed away peacefully at his home in Buena Park, CA in July 2005. He had worked in the Central Contacts/Pricing group at the Sabreliner Division and at the Autonetics facility.

LITTLE, NORMAN H., 86 – of Rancho Santa Margarita, CA died of pneumonia on July 12, 2005. He had been an engineering manager at NAA/RI.

LUCAS, CHARLES “CHUCK” – died on April 11, 2005 in Slidell, LA as a result of congestive heart failure and complications of diabetes. He started at Curtiss Wright and the Columbus Division. In 1953, he became a tech rep at LAD, working on the F-86 and the F-100. His wife Anna survives him.

MACTAVISH, DUNCAN F., 87 – living in Oceanside, CA for the last 23 years, died of natural causes on June 17, 2005. He came to work at NAA in 1946 as an electrician and retired after 30 years of dedicated service. He is survived by his wife of 64 years, Irene.

MCCABE, STEPHEN J. 86 – passed away on January 14, 2005 of cancer. He joined LAD in 1952 in the Materials and Processing Lab and moved to the Dynamic Test Group working on the F-86 and F-100. He later transferred to Downey and had similar assignments on the Apollo and S-II. Stephen retired to Coeur d’Alene, ID in 1976.

MCLEOD, JAMES, 77 – passed away from a stroke in Newport Beach, CA on May 24, 2005. Jim began his career with NAA/RI in 1958 at the Downey Facility in Autonetics Manufacturing Cost Analysis. In the 1960s he transferred to the Contracts/Pricing function and held many Pricing managerial positions. He retired in 1995 after 37 years of service. His wife, Joan, survives him.

MOTE, RUSSELL W., 62 – passed away on May 28, 2005 at his home at Ryland Oasis in Menifee, CA from undisclosed causes. Russell was employed by NAA/RI/Boeing for forty years and retired as a Facilities manager in Plant Services.

PARLIER, SHIRLEY D., 81 – died May 9, 2005 of natural causes. Shirley worked in the Compensation group at Autonetics prior to her retirement after 25 years of service.

PAYNE, RAYMOND E., 76 – passed away in Paradise, CA on May 11, 2005. Ray started at NAA as a draftsman and advanced to design engineer, working on the Hound Dog, Apollo, Space Shuttle and the B-1B programs. A ten-year cancer survivor, he leaves behind his wife of 56 years, LaVerne.

PURKEY, LEWIS L. “BILL”, 86 – of Shingle Springs, CA, died on June 15, 2005 of cancer. Bill came to NAA in 1942 and joined the Navy in 1944. He returned to NAA in 1946 in Flight Test and was transferred to Mojave. When the Palmdale facility opened, he moved there and stayed until he retired in 1964 with 23 years of service. Bill was involved in the testing of most models of NAA aircraft and helped demonstrate the Sabreliner in Europe. He will be buried in the National Cemetery in Phoenix, AZ. His devoted wife Delia survives him.

SCHIELD, PAUL E., 72 – passed away on June 7, 2005 in Santa Ana, CA of complications from Parkinson’s disease. Paul worked as a welder at LAD, Space Division and Rocketdyne. He retired in 1996 after 43 years of service. His caring wife Ruth survives him.

SCOTT, ROBERT A., 88 – passed away in Tualatin, OR on July 16, 2005 from a heart attack. Bob retired in 1977 after 39 years of service. Among the projects he worked on were the P-51, B-70 and the Space Shuttle. He is survived by his beloved wife of 64 years, Ruth.

SECHRIST, WILMOUTH T. “BILL”, 93 – of Mission Viejo, CA, died of congestive heart failure on May 21, 2005. Bill started at LAD in 1946 and served for 23 years before retiring in 1969. He worked on many programs at Edwards AFB and at the Palmdale facility.

SHEPHARD, NELL, 71 – died at home in Norwalk, CA on May 23, 2005 of cancer. Nell served for 28 years at NAA/Rockwell and was a supervisor in Material when she retired. Her devoted husband Ken survives her.

SHRIEVES, RICHARD H. “DICK”, 87 – passed away on March 6, 2005 at Merritt Island, FL after a long illness. Dick worked for NAA/Rockwell at Eglin AFB and on the Saturn-Apollo program at KSC. His wife June survives him. She also worked at KSC.

SHULTZ, ALVY P., 89 – of Hawthorne, CA died on April 25, 2005. Alvy was an engineer at NAA/Rockwell for 38 years. Services were held in Colorado.

SPANGENBERG, MALVERN A. “BILL”, 73 – died on June 10, 2005 in Placentia, CA of cardiopulmonary failure. Bill came to NAA/Autonetics in 1961 and worked in the Minuteman G&C Program. He managed several successful advanced engineering projects related to inertial guidance systems. He retired in 1993 after 32 years of service. His loving wife Florence survives him.

STONE, GARRETT M. “JIM”, 84 – of Rancho Palos Verdes, CA passed away on May 7, 2005 after a 4-month struggle with congestive heart failure. After 42 years of service as an engineer, proposal manager, supervisor, he retired as the manager of the Low Speed and Trisonic Wind Tunnel at the El Segundo facility.

TALEVICH, WILLIAM J. “BILL”, 86 – passed away on June 13, 2005 in Anaheim, CA of complications from Alzheimer’s disease. An accomplished artist, musician and linguist, Bill joined NAA before Pearl Harbor as an assistant sheet metal worker and quickly advanced to foreman but was soon drafted into the Army Air Corps. After the war, he resumed his career at NAA and became an expert in engineering documentation. He retired from Defense Electronics in Anaheim in 1993 after 52 years of service. In life, Bill exemplified the values of patience, kindness, humility, humor and strength of character. His loving wife Susan survives him.

WEAVER, GEORGE, 82 – died at home in Bakersfield, CA on June 29, 2005 after a long battle with cancer. George retired from Autonetics in 1981 after 20 years of service as a logistics coordinator. He is survived by his devoted wife of 56 years, Frieda.

WIGGINS, WILLIAM R., 85 – passed away on June 6, 2005 in Torrance, CA of heart failure. Bill served for 19 years as a structures engineer at LAD, Space and Rocketdyne before retiring in 1985. He is survived by his beloved wife of 57 years, Alice.

WILLIAMS, WILBERT A., 78 – a retired computer analyst for NAA/RI, died February 9, 2005 of diabetes. His wife Rosetta survives him.

WITTE, NORBERT F. “BERT”, 87 – died on July 12, 2005 at his Fullerton, CA home. He retired from NAA/RI as a director on the Shuttle Program in 1980. Bert is survived by his wife of 63 years, Helen Marie.

WOODS, RICHARD B., 74 – of Garden Grove, CA passed away on August 3, 2005 of undisclosed causes. He worked at NAA/RI for 30 years as an aerospace engineer before his retirement in 1988. He is survived by his devoted wife of 52 years, Millie.

PAX DOMINI SIT SEMPER VOBISCUM

*The Silent Majority**by Stan Guzy*

AARON, ROBERT H., 94 – died at his home in Laguna Woods, CA on July 18, 2005 after a brief illness. A mechanical engineer, Bob began his career with NAA/RI in the late 1950s. He was extremely proud of his role as a contracts manager on space programs, including the Apollo and the Space Shuttle projects. He retired from NAA/RI in 1975. He was a long time leader and active volunteer in the Orange County Jewish community. A large and loving family survives him.

ANDERSON, JAMES R., 82 – of Anaheim, CA passed away on September 28, 2005 of complications after a prolonged battle with cancer. Jim was an Autonetics engineering manager prior to his retirement in 1986 after 35 years of dedicated service. He is survived by his wife of many years, Harriet.

BELL, ANTHONY A., “TONY”, 68 – of Orange, CA died on September 21, 2005 after a long and valiant battle with prostate cancer. Tony worked in Marine Systems Engineering after joining Autonetics in 1964. He was a director of Engineering at NAA/RI when he retired in 1988. He also served on the RI Credit Union Board until his death. He is survived by his beloved wife of 40 years, Claudina.

BLACKWELL, WILLIAM L., 79 – passed away on September 6, 2005 of cancer in Orange, CA. Bill was a corporate attorney for NAA/RI, beginning at the Columbus Division in 1951. Bill served his entire career in the area of Contracts and Pricing, specializing in International Law. He retired from Autonetics in 1988. His beloved wife Rachel survives him.

BONNICI, HARRY, 83 – died in Mission Viejo, CA on October 14, 2005 of undisclosed causes. He had been an engineer with NAA/RI. No further information was provided.

BOSTATER, GEORGE, 72 – passed away from complications of cancer in late summer of 2005. George had a rare talent of being able to develop an educated estimate of any aerospace program with little more than an engineering definition/concept to rely on. His expertise proved invaluable in the early stages of the B-1 program. George left NAA/RI but rejoined the management team in 1975 as a pricing manager and remained in managerial positions until his retirement in the late 1990s.

BREWER, PAUL W., 88 – passed away on September 15, 2005 in Lancaster, CA. Paul was in flight test engineering on the B-25, B-28, XP-82, XB-45, AJ-1, XA2J,

XA3J-1 and the B-1. In 1933, Paul founded Muscle Beach in Santa Monica. His wife Marilyn survives him.

CADICK, ROBERT N., “BOB”, 81 – died in Coeur d’Alene, ID in October 2005 of Parkinson’s disease. Bob was a service engineer at LAD and Palmdale on various aircraft, transferred to Downey on the Apollo and Shuttle programs and retired from the Hanford Nuclear Facility in Washington State in 1985 after 39 years of service. His loving wife Alice survives him.

FAULKNER, LADD W., 84 – died on August 21, 2005 due to cancer complications. He was a resident of Anaheim, CA and was a retired systems analyst for NAA/RI. No further details available.

GARTON, WENDELL P., 89 – of Huntsville, AL, died on October 15, 2005 of undisclosed causes. Following service in Korea, he joined NAA as a flight test engineer in Downey, CA. He participated in the Hound Dog cruise missile program, early mission planning for the Apollo lunar landing program and conducting base heat tests for the Space Shuttle Orbiter. He served in the Marine Corp Reserve as a Lt. Col. for many years. His wife Mildred predeceased him.

GERMAN, BOB, 77 – of Irvine, CA died of undetermined causes on September 9, 2005. He was listed as a retired RI salesman. His wife Arlene survives him.

GUTHRIE, GERRY, 75 – died on September 5, 2005 of undisclosed causes. Gerry began at NAA in 1958 after serving as an electronic technician in the Navy. He worked in the Program Planning and Control area when he retired in 1995 after 37 years of service.

HERNANDEZ, JESUS, 69 – died on October 22, 2005 after suffering a heart attack. He lived in Brea, CA and retired from NAA/RI as a shop planner. His wife Helen survives him.

HUSA, ALFRED, 95 – died in Columbus, OH on August 18, 2005. Alfred worked at the LAD, Kansas City, Long Beach and Columbus facilities as a flight inspector. He retired in 1968 after 31 years of service.

KILLION, DEWEY, 83 – passed away peacefully at his home in Atascadero, CA on August 11, 2005 after battling cancer. Dewey joined NAA in 1948 as a flight mechanic and retired from Autonetics Defense Systems in 1983 after serving for 35 years. He is survived by his wife of 21 years Willa.

KOCH, HOWARD M., 79 – passed away of undisclosed causes at his home in La Habra, CA on Au-

gust 17, 2005. Howard joined NAA in Downey, CA as an electrical engineer and was involved in an imposing list of space programs. He had progressed to GPS engineering management when he retired in 1986 with 30 years of service. His beloved wife of 57 years, Barbara, survives him.

KRIEGER, GARY J., 71 – died of undisclosed causes on July 23, 2005. He had retired from NAA/RI/Boeing at the Autonetics Division where he worked as a computer program analyst. His dear wife of 45 years Patricia predeceased him.

LEICHTWEIS, CHARLES M., 90 – of Anaheim, CA died of natural causes on October 16, 2005. He was a retired general manager from RI. His wife, Norma Jean, survives him.

LIMBESON, REV. FR. JOHN M., 83 – died of congestive heart failure at his home in Laguna Woods, CA on August 19, 2005. John retired as an industrial engineer from Autonetics in 1981 after 25 years of service. He then became an Orthodox priest and was active in his church for 20 years. His devoted wife Betty survives him.

MACH, HENRY, 84 – passed away in Crete, NE on October 3, 2005. Henry worked at the LAD, Kansas City, Long Beach and Columbus facilities in subassembly and plastics. He retired in 1976 after 37 years of service.

MACHA, CHARLES F., 86 – passed away on May 3, 2005 of acute leukemia. He was a planning department supervisor at LAD.

McDERMOTT JR., THOMAS C., 78 – died of natural causes on September 29, 2005 in Medford, OR. Tom started at Autonetics in 1959, transferred to Space Division on the Apollo and ended in the Corporate Offices as Vice President of Quality Control. He retired in 1988 after 29 years of service.

McQUILKIN, FREDERICK T., 83 – passed away in Long Beach, CA on October 27, 2005 with his wife, Lavonne, at his side. Fred joined NAA at LAD in 1942 as an engineer. He made many valuable contributions to aircraft design and had more than 20 pat-

ents in his name. He retired in 1995 after 53 years of service. In retirement, he was an active volunteer at the Aquarium of the Pacific in Long Beach.

MOELLER, CALVIN E., 84 – died at his home in Bend, OR of prostate cancer on July 7, 2005. Calvin was a metallurgist in the LAD Production Development Lab and retired from Rocketdyne after almost 30 years of service. His wife Jeanne survives him.

SAND, CHRISTOPHER, “CHRIS”, 88 – passed away on August 13, 2005 in Fullerton, CA after a short illness. He joined the engineering force of NAA in 1955. He worked on the Apollo program, the Space Shuttle program and the B-1 project before retiring in 1977 after 22 years of service.

SEATON, WALTER L., 86 – died on September 10, 2005 of natural causes. He was a retired NAA/RI/Boeing aerospace planner.

STROOP, OLIVER W., “OLLIE”, 87 – passed away on October 24, 2005 at St. Andrea, CA of a heart condition. She worked in the Production Planning Department and retired from El Segundo in 1979 after 29 years of service. Apparently, her father wanted a boy so he named her Oliver.

TIVENAN, EDWARD P., 82 – Ed passed away on September 25, 2005 from emphysema and pneumonia. He chose a career in contracts management and served as a pricing supervisor on the Saturn program. He married his childhood sweetheart, Dorothy, 57 years ago and she survives him.

TOFT, MAX E., 77 – passed away in Fullerton, CA on August 22, 2005 from undisclosed causes. He was a supervisor in the Package, Handling and Transportation Design Group at LAD when he retired in 1988 after 34 years of service. Max also designed the special railroad car to transport the B-1B nacelle from the Columbus Division to the Palmdale facility. His caring wife Connie survives him.

YARD, JOHN S., 78 – John resided in Garden Grove, CA and died of congestive heart failure on August 26, 2005. He was a retired NAA/RI engineer and is survived by his wife Norma.

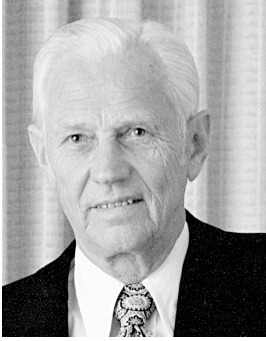
LOST SHEEP – BULLETIN RETURNED, NO FORWARDING ADDRESS

- DORIS L. BYBEE – Long Beach, CA**
- C. L. R. COMBS – Palmdale, CA**
- JEAN COULSON – Paso Robles, CA**

PAX DOMINI SIT SEMPER VOBISCUM

The Silent Majority

by Stan Guzy



RUUD, RALPH H., 97 – a virtual titan of the aviation and aerospace industry passed away in Valencia, CA on February 16, 2006. A Norwegian immigrant, Ralph Ruud joined the Tooling department on August 1, 1931 at General Aviation Manufacturing Company, a predecessor of North American Aviation, Inc. He was one of the original Bald Eagles that joined “Dutch” Kindelberger in the trek

from Dundalk, Maryland to California. In a career that spanned 60 years, he held many positions including Chief Tool Engineer, Assistant Superintendent, Corporate Vice President of Manufacturing, Vice President of Space Division, and Senior Vice-President of Operations for Space Division. His service stretched from wood and wire biplanes to moon exploration. He took final retirement in 1994. Ralph Ruud is survived by his loving wife of 75 years, June.

ALMAN, JARVIS “AL”, 89 – passed away in Carmichael, CA on December 11, 2005. He retired from Rockwell International after 36 years of service. He was a field service rep on the F-86, F-100 and the T-39 for 23 years.

BERNARD, NATHAN “BUD”, 93 – passed away on October 17, 2005 in Culver City, CA. Bud joined NAA in 1940 and retired about 1979. He was a section leader in the Production Development Lab on the X-15 program and participated in quality assurance and manufacturing development at LAD, Palmdale and Seal Beach. He is survived by his wife of 70 years, Nita.

BLASER, PETER J., 89 – of Venice, CA passed away on January 5, 2006 of natural causes. Peter started at LAD in 1950 on the flight line as an inspector and retired from Pricing in 1984 with 34 years of service.

BREHL, ALBERT W., 84 – died on November 6, 2005 in Columbus, OH. He retired from the Columbus Division in 1978 after 28 years of service. Having a long career in aerospace instrumentation, he had twenty years service in the Management Club Clown Unit as Raggedy Andy, entertaining children, seniors, veterans and others in need of cheer.

BURG, JO ANNE, – passed away in Hemet, CA in November 2005 of congestive heart failure. She was a secretary in Systems Integration at Downey on the Apollo program.

CARAWAY, CARL R., 73 – died in Fresno, CA on December 12, 2005 from undisclosed causes. He had served 45 years in the NAA/RI/Boeing Defense Systems area. His wife of 50 years Dee preceded him in death four months earlier.

COLE, IRENE, 75 – passed away on March 30, 2005 in Lawrenceburg, IN. Irene retired from the Contracts Department at Space Division in 1986. She is survived by her husband, James.

COPELAND, EDGAR J. “ED”, 89 – passed away on December 2, 2005 in West Covina, CA of heart failure. Ed was an engineer from 1944 to 1986, mostly in environmental systems design of aircraft from the P-51 fighter through the B-1 bomber. He also served for ten years on the Apollo program.

DANKMYER, JOHN O., 86 – died of stroke complications on October 31, 2005 in Placentia, CA. He served for many years in the Logistics and Engineering areas at the Autonetics Division. No further information available.

DEAN, ROBERT, 89 – of Venice, CA died of natural causes on

January 2, 2006. Bob was an aircraft mechanic with 33 years of service when he retired from the Sabreliner Division in 1981.

DENNARD JR., REUBEN G., 82 – died September 23, 2005 in Cripple Creek, CO from undisclosed causes. He worked in Apollo Flight Test for many years. His wife, Dr. Helen E. Garrett Dennard preceded him in death.

DONALDSON, ROBERT T., M.D., 79 – died in Redondo Beach, CA on December 17, 2005. Robert was the NAA flight surgeon at LAD from 1964 to 1966 and subsequently moved up to corporate until 1969. His wife Mary survives him.

DOWNING, ROBERT, 87 – died in his home in Rossmore, CA on December 16, 2005. Bob, an electrical engineer, joined NAA in 1952 and retired in 1983. An accomplished pilot, he is survived by his wife of 61 years, Helen.

FRITZ, WILBUR F., 94 – passed away on November 14, 2005 in Laguna Beach, CA. He lived to fly. He started flying in 1932 and was licensed at Mines Field, now LAX. He was the first pilot to land at the Catalina Airport, while it was still being graded. He was an aircraft designer at Vultee, North American Aviation, Rockwell and Hughes.

HAIGH, WARREN “RAY”, 78 – died of cancer on January 19, 2006. He was a retired NAA/RI/Boeing engineer. His wife of 57 years, Marguerite, survives him.

HAMMERSCHLAG, FRED J., 85 – passed away at Inland Valley Regional Medical Center from undisclosed causes. He worked for NAA/RI and other companies in the engineering disciplines for 44 years. His loving wife of 53 years, Anita, survives him.

HANSON, HARLOW F., 86 – died on January 27, 2006 in Sun City, CA. Harlow was a graphic artist at Rockwell International.

HIRAHARA, FRANK, 79 – passed away on February 7, 2006 in Anaheim, CA of unspecified causes. He joined NAA in 1954 and was assigned to the Navaho Program, the Hound Dog, and later to the Apollo Space Program in Systems Integration. After Apollo he was assigned to the Space Shuttle Integration team. Prior to retirement he was responsible for all ground operations for the Star Wars Project. He received several NASA and company awards for his outstanding contributions. His wife Mary survives him.

HARRIS, HARRY, 89 – passed away from complications of Parkinson’s disease. Harry started at LAD in 1940 and transferred to Kansas City with the B-25 program. He returned to LAD to manage the Production Development Laboratory and retired in 1969 as Director of Quality and Reliability Assurance with 29 years of service.

HODGES, PRICE S., 75 – died in the early morning hours of December 26, 2005 of unspecified causes. After receiving his engineering degree he was hired by the Autonetics Division. Price particularly enjoyed the aspects of flight-testing radar systems. He retired after 30 years of dedicated service. His wife Barbara survived him.

JOHNSON, JOYCE F. “JUDY”, 79 – died at home in Westminster, CA of cancer on November 17, 2005. Judy came to LAD in 1945 as a steno in Engineering Planning. After 27 years of service, she retired as Manager of Personnel & Administrative Services in Corporate in 1972. She is survived by her loving husband of 47 years, Mike, also an NAA/RI retiree.

KOWALSKI, HELEN A., 77 – passed away on February 6, 2006 in Orange, CA from unspecified causes. Her family escaped from the Soviet terror in Lithuania in 1942. Helen proudly became an U.S. citizen in 1952. She worked at NAA/RI as an Electronic Lab Technician where she achieved many numerous awards and citations for innovative solutions and high quality products. She retired after 25 years of service.

KRUMMEL, CLYDE H., 84 – died quietly of natural causes at the home of his son in Tulsa, OK. He worked as a metallurgist in the production development laboratories at the LA Division, Rocketdyne and the Neosho facility before retiring in 1969.

LEICH, HARVEY A., 89 – of Santa Maria, CA passed away on February 3, 2006. Harvey retired from the Columbus Division in 1972 as an engineering manager after 18 years of service. His wife Penny survives him.

LONGORIA, DAVID M., 75 – died December 30, 2005 of heart disease. He had worked at NAA/RI as an electrical engineer. His wife Mary survives him.

McKINNEY, CHERYL, – died on January 25, 2006 in Torrance, CA of unspecified causes. She worked as a buyer in Material for the B-1/LA Division. No further information provided.

MEDINA, RUDOLPH G. “RUDY”, 74 – passed away on September 27, 2005 following corrective surgery in San Marcos, CA. Rudy was an instrumentation engineer on the FJ-3,T2J and the A3J/RA-5C at Columbus before transferring to the Paraglider and Apollo projects at Space Division. He retired in 1987 after 34 years of service. His devoted wife Dorothy survives him.

MEISTER, AMBROSE W., 84 – died December 23, 2005 from complications of a recent stroke. He began his career with NAA/RI in the 50s in the area of Protective Services. His strong work ethic was evidenced by a 31 year span during which he was never late, and until his heart attack in 1983 never missed a day.

MILLIGAN, HARRY I., 84 – died November 3, 2005 of complications resulting from a heart attack. He worked at NAA/RI Autonetics as a radio-communications engineer on several programs before retiring. His loving wife Marie survives him.

MOCIUN, TED, 86 – of Grass Valley, CA, died November 28, 2005 after a short but fierce battle with cancer. Ted retired in 1975 from Space Division after 39 years of service. His first assignment was to redraw a full size wing plan of the P-51. He played the accordion and loved to dance. He was a member of the NAA Flying Horsemen equestrian drill team.

ODOM, ROBERT G., 85 – passed away in Thousand Oaks, CA on November 17, 2005 after a five year battle with emphysema. He retired as the Division Director of Material from Rocketdyne in 1983 after 29 years of service. Bob was a decorated Marine pilot during WWII and the Korean War. His caring wife Mildred survives him.

OTSUKA, ALDEN, – died unexpectedly on December 2, 2005 from undisclosed causes. Alden joined NAA/RI in the early 80s and worked as a Reliability Engineer on the Peacekeeper, Rail Garrison and Small ICBM programs. Most recently, he was the lead engineer for the mass properties area in addition to providing

expertise in some mechanical and electrical design work. His wife Leslie survives him.

PARKER, BOBBY D., 73 – passed away on November 22, 2005 in Wenatchee, WA of unspecified causes. He began his career with NAA at the Space Division in 1963. He held many responsible positions on the Apollo Space Project and was transferred to Johnson Space Center in Houston, TX in 1987. He retired in 1995. His wife of 48 years, Delores “Dee”, survives him.

POHLMAN, CATHERINE M., 86 – died on January 13, 2006 from unspecified causes. She worked as a secretary for NAA/RI before she retired in 1984.

RATHBUN, LAHOMA, 74 – died on December 26, 2005 of septic shock. She had lived in Fullerton, CA prior to her passing. She served many levels of management in Finance and Marketing during her career and retired as Director of Finance/Marketing. It is sadly noted that Lahoma’s husband, Norman, succumbed to pneumonia just four days after her death.

RIEDE, LEO R., 88 – of Gardena, CA, died on October 23, 2005. Leo retired from LAD as a technical artist in 1977 after 27 years of service. His caring wife Lillian survives him.

ROHRER, ALVIN, 76 – passed away on January 26, 2006 from undisclosed causes at his home with family at his bedside. Alvin spent his entire career with Rocketdyne as a machinist and a tooling engineer. His loving wife of 50 years, Luanne, survives him.

SCHNEIDERS, CHARLES H. “CHUCK”, 89 – passed away in Hemet, CA on October 20, 2005 from complications after cancer surgery. Chuck was in manufacturing management at LAD and Autonetics. He is survived by his loving wife, Maxine.

SCHONAU, RALPH L., 78 – passed away in Orange, CA of Parkinson’s disease on November 18, 2005. He served at Autonetics as a quality engineer for 25 years when he retired in 1991. His loving wife Virginia survives him.

SILCOCK, ALAN W., 69 – died January 19, 2006 after a gallant fight against cancer. He was at home with his family and passed peacefully. He was a stalwart in the Human Resources area and served as a department director prior to his retirement in 1996 after 34 years of dedicated service. His wife Sharon survives him.

STEVENSON, JOHN H., 89 – died December 27, 2005 in San Diego, CA from unspecified causes. He had been employed by NAA/RI for many years. No further career data available.

WARD, EWAN E. “ED”, 82 – died suddenly while walking with his wife, Donna, in Apple Valley, CA on January 11, 2006. Paramedics could not revive him. Ed joined NAA/RI as an engineer in 1951. He held many responsible positions in Flight Control, Armament Control, Strike Avionics, Missile G&C and Space Shuttle. He retired in 1985.

LOST SHEEP – BULLETIN RETURNED WITH NO FORWARDING ADDRESS

- WILLIAM C. ASTON – Bellflower, CA**
- ROBERT W. HAUETER – Henderson, NV**
- WARREN E. SWANSON – Playa Del Rey, CA**
- WARREN G. WAGNER – Rouge River, OR**
- DOUGLAS A. McINTOSH – Lancaster, CA**

- DONALD L. KLITSCHKE – Helendale, CA**
- RICHARD W. BADOSTAIN – Torrance, CA**
- VIRGIL KLONTZ – San Clemente, CA**
- DORIS L. BYBEE – Long Beach, CA**
- EDWARD K. PETERSON – Downey, CA**

PAX DOMINI SIT SEMPER VOBISCUM

The Silent Majority

by Stan Guzy



CROSSFIELD, A. SCOTT “SCOTTIE”, 84 – was killed in a plane crash on April 19, 2006 in the mountains 50 miles NW of Atlanta, Georgia. He was on a return flight from Alabama to Virginia, when his small Cessna 210A dropped off radar screens. There were thunderstorms in the area. Scott embodied what came to be called “the right stuff”. He routinely climbed into some of the most powerful, most dangerous and most complex machines of his time; took them to their performance limits or beyond and brought them back to Earth in one piece. In 1942, Scott joined the Navy and became a Navy pilot. After the war, he returned to the University of Washington and earned an MS in Aeronautical Engineering. He joined the National Advisory Committee for Aeronautics at its High Speed Flight Research Station at Edwards, CA in 1950 as a research pilot. In the next five years, he flew the X-1, X-4, X-5, XF-92A, and the D-558-I and -II aircraft. He made aviation history on November 20, 1953 when he reached Mach 2 or more than 1,320 mph in the D-558-II. In 1955, he joined NAA as a consultant and test pilot on the design and construction of the X-15. Scott completed 16 captive carry flights mated to the B-52 launch aircraft, one glide and thirteen powered flights in the X-15 reaching a maximum speed of Mach 2.97 or 1,960 mph and a maximum altitude of 88,116 feet. On his fourth powered flight, one of the rocket chambers exploded, causing an engine bay fire. Scott shut down the engine and prepared for an emergency landing. He touched down at a low speed in a nose high attitude. When the nose gear slammed down, the fuselage buckled just behind the cockpit and the plane slid on its nose gear, belly and main gear skids. Scott escaped uninjured. During

a ground test in an engine stand, he was seated in the cockpit of X-15 No. 3 when a malfunctioning valve caused a catastrophic explosion. He again escaped injury while the airplane had to be completely rebuilt. He later served in Downey as systems director of test and quality assurance on the Hound Dog, Paraglider, Apollo and Saturn V programs. In 1967, Scottie left NAA to seek other challenges but his bond with the X-15 and NAA will never be forgotten.

WHITE, ALVIN S. “AL”, 87 – of Oro Valley, AZ passed away on April 29, 2006 after a brief illness. Al received his commission as a 2nd Lieutenant in May 1942 at Williams Field, AZ where he served as an advanced flight instructor for twin-engine aircraft. He volunteered for combat and was assigned 355th Fighter Group in England. Completing two tours with the group, he flew extensive P-51 missions including the Frantic Seven mission escorting B-17s carrying supplies to the Polish Underground fighting in Warsaw and then going on to Russia. His group returned to England via Italy, a total distance of over 5,500 miles. After the war, Al received a degree in mechanical engineering and returned to the USAF as a test pilot at Edwards AFB, flight testing the C-119G, F-80, F-86D, F-84E, F-94C, and the F-89D. In 1954, Al accepted a position as engineering test pilot with NAA/LAD. He tested every NAA airplane except the X-15 and was appointed Chief Test Pilot in 1961. His greatest recognition came when he flew the XB-70 at Mach 3. He was a founding member and past president of the Society of Experimental Test Pilots and had received every major award in his profession. Al was the epitome of a highly skilled pilot and a highly proficient engineer. Al clearly defined his life in his autobiography, *“The Times of My Life—A Pilot’s Story”*. His loving wife Betty survives him.



BAISDEN, GLADYS M., 83 – passed away in Torrance, CA on March 31, 2006 of chronic obstruction pulmonary disease (COPD). Gladys retired in 1972 from LAD where she served for 26 years as a key-puncher, keypunch lead and documentation analyst. She is survived by her loving husband Clarence, also an NAA retiree.

BIRDSALL, WILLIAM S. “BILL”, 80 – died on March 23, 2006 of cancer in El Segundo, CA. Bill joined LAD in 1951 as an engineer in the propulsion installation group and, subsequently, served as a project engineer for the B-70, Advanced Systems, F-15, B-1, and the Sabreliner. He retired in 1980. He had a lifetime interest in magic and was an early member of the LA Magic Castle.

BLAIR, MORGAN M. “MAC”, 84 – of Lomita, CA, succumbed to cancer on April 13, 2006. “Mac” retired in 1984 after 40 years of service, which included almost all programs, locations and timeframes involving NAA/Rockwell. His span of assignment locations included LAD, Columbus, Space, Science Center and Corporate Office. He was an author and a source of much resource information for this publication. His loving wife Elizabeth survives him.

CARL, MICHEAL P., 91 – of Santa Ana, CA died on April 21, 2006 from undisclosed causes. He had been an inspector at NAA/RI prior to retirement. No further information available.

CISKOWSKI, MARYAN V. “SKI”, 89 – passed away in Long Beach, CA on March 4, 2006 after a lengthy battle with the effects of several strokes. “Ski” fulfilled a boyhood dream and joined the Navy in 1935. He retired as a Chief Petty Officer after 20 years of service and started a second career in Security at the Downey facility where he retired a second time after 21 years of service.

COMBA, STEWART M., 78 – died in Grants Pass, OR on April 8, 2006 of complications from pneumonia. Stewart was a Quality Control inspector at Space Division when he retired in 1987 after 40 years of service. He is survived by his loving wife of 51 years, June.

COPELAND, EDWARD J., 89 – died from undisclosed causes in December 2005. Ed lived in West Covina, CA. He had been in engineer-

ing supervision at several NAA/RI divisions prior to his retirement. No further information made available.

DENNIS, JEPHTHA W. “JEP”, 75 – of Warner Robins, GA died of undetermined causes on January 28, 2006. Following a 30 year USAF career, he joined Boeing as a Logistics Engineering manager at the B-1 Division and later served as a B-1 Logistics representative at Warner Robins AFB. He is survived by his loving wife of 50 years, Margaret Joan.

DEVORE MARTIN C., 94 – died on March 29, 2006 of chronic obstruction pulmonary disease (COPD). Marvin lived in Mission Viejo, CA and had been an electronic technician at NAA/RI prior to retirement.

DONALDSON, SAMUEL N., 74 – died on March 18, 2006 in Smyrna, GA. Sam earned his BS degree from Cornell University with distinction from the ROTC program. He received his MBA from Stanford University and served on active duty as a major in the U.S. Air Force. He joined Autonetics in 1966 including a two-year stint in Oxbridge, England. Sam retired from the Finance Department in 1991.

DOWNES, HAROLD J., 84 – died on February 25, 2006 in Encinitas, CA from undisclosed causes. He retired in 1984 as corporate attorney and vice president of NAA/RI. His wife of 62 years, MaryAnn, survives him.

FOSTER, DOROTHY L., 80 – died on March 1, 2006 of natural causes in Carlsbad, CA. She had retired from NAA/RI several years ago.

FRANTZ, ROBERT J., 78 – passed away on April 13, 2006 of undisclosed causes. He lived in Los Alamitos, CA and had been employed as a design engineer at NAA/RI. His wife Mary survives him.

GALLY, STEVEN V., 86 – died on February 1, 2006 in Oxnard, CA. After serving as crew chief in the Army Air Corps, he came to NAA as an electrical technician in the Engineering Flight Test unit at Edwards AFB and the Palmdale Facility. Steve served on many aircraft projects and the Space Shuttle program before retiring.

GEARY, THOMAS, 65 – died in a motor home accident near Houston, TX on December 3, 2003. Tom had worked at Space Division and

Autonetics in the area of Standards Support before retiring in 1996 after 36 years of service.

GREEN, ELIAS “BUD”, 86 – passed away on July 19, 2005 in Orange, CA from undisclosed causes. Bud had been the Manager of Configuration Management at LAD, later worked at Space Division through 1968 and retired from LAD in 1978.

HANSEN, JOHN P., 81 – died on July 9, 2005 in Santa Maria, CA from complications of renal failure. John was a WWII plane crash survivor in the China-Burma-India (CBI) theater while dropping supplies to Allied forces. He served in Industrial Security for 35 years as a patrolman and retired from the El Segundo facility in 1987. John met his wife of 33 years, Marge, at LAD and is survived by her.

HARDY, WALTER V., 90 – died on March 17, 2006 of cardiopulmonary arrest and Parkinson’s disease. He retired from NAA/RI. No further information available.

HIPP, PAUL E., 68 – passed away in Poway, CA on April 10, 2006. Paul retired in 1999 from NAA/RI/Boeing where he worked as a cinematographer for 26 years, earning many rewards for his film and video work. His wife of 46 years Mary survives him.

HOLLADAY, MARSHALL M., 93 – passed away on March 14, 2006 in Hemet, CA. He was a crew chief on the Trisonic Wind Tunnel for many years and received numerous awards for excellence.

HUTCHERSON, JOHN R., 78 – died on May 6, 2006 of complications from pneumonia. John was a 34-year resident of Orange County, CA prior to moving to Ft. Mojave, AZ. He retired from NAA/RI as a Plant Services Manager in 1987 after 30 years of service. His wife of 59 years Betty survives him.

KISTLER, WILLIAM H. “TINY”, 86 – of Palmdale, CA, died on April 12, 2006 due to complications of heart surgery. “Tiny” retired in 1982 after 40 years of service at Space Division and at Palmdale where he worked on the XB-70, Apollo and Space Shuttle.

KLITSCHKE, DONALD L., 79 – a long time resident of Silver Lakes, CA, passed away on September 29, 2004. He started his career at LAD in the Weights Group and transferred to Downey and became a supervisor in the Mass Properties Group on the Apollo program. He retired in 1981 after 36 years of service.

KNERR, ROGER M., 75 – a long time resident of Woodland Hills, CA, passed away suddenly on March 17, 2006 of undisclosed causes. He was an aerospace engineer on the Space Shuttle program prior to his retirement in 1986 after 20 years of service.

LARIMER, FRED F., 88 – passed away in Long Beach, CA of congestive heart failure on February 7, 2006. Fred retired from Space Division in 1977 after 25 years of service. His wife of 63 years, Betty, survives him.

MCQUERRY, WAYNE H., 83 – of Orange, CA died on April 21, 2006 of natural causes. He had worked at LAD on the B-1A program in the Engineering Research labs prior to retirement. No further information available.

MORRIS, WALTER E., 80 – passed away on March 23, 2006 in Collinsville, OK. Walt worked in the B-1B Program Planning & Control department at LAD and Tulsa before he retired from the Tulsa Division in 1985.

NAGLE, BETTY, 85 – died on March 22, 2006 of natural causes. She lived in Mission Viejo, CA and worked as an editor for NAA/RI prior to retirement.

NARDELLI, VICTOR, 85 – of Glendora, CA passed away on March 13, 2006. Victor retired from NAA/RI after 25 years of service, including work on the Apollo and Space Shuttle projects. His wife Lucy survives him.

O’NEILL, MICHEAL S., – died on November 23, 2005 of undisclosed causes at his home in Tustin, CA. He had worked in the LAD Tooling department and Manufacturing Engineering before his retirement in 1978 after 32 years of service.

PAINE, EDGAR W. “WEB”, 84 – died on May 5, 2006 of undisclosed causes. He had worked on major NAA/RI programs, including the B-1 and the Space Shuttle, as a financial planner prior to retirement.

PETERSON, LAWRENCE E. SR., 91 – died on May 8, 2006 after a short illness. After retiring from the Air Force he began a second career at NAA/RI Autonetics as a Manager of Government Property. He retired in 1988 at the age of 73 and moved to a retirement community in Anaheim Hills, CA.

RASCHICK, ALBERT W., 87 – died on April 2, 2006 from natural causes. He was a U.S. Navy retiree prior to his employment and subsequent retirement from NAA/RI, where he worked in the engineering department.

RAUSCHENBACH, FREDERICK M., 85 – a resident of Fullerton, CA died on March 10, 2006 of complications brought on by Alzheimer’s disease. He was a retired aeronautical engineer for NAA/RI/Boeing. No further information available.

REETZ, WILLIAM H. “BILL”, 81 – passed away in his sleep on November 17, 2005 in Whittier, CA. Bill retired from Space Division in 1988 after 26 years of service as a reliability engineer, primarily on satellites. He was an avid Lou Gehrig fan and an old movie buff who dearly loved the U.S. Marine Corps. Bill served with the 4th Marine Division at Iwo Jima. He was also our good friend. Semper Fi, Bill.

ROBERTS, ROBBIE W., 85 – passed away on April 23, 2006 after a lengthy illness. Robbie had retired from NAA/RI in the late 1980’s and kept in contact with several of her co-workers over the years. No further information available.

RUBENSTEIN, SEYMOUR Z. “SY”, 67 – passed away peacefully in Chandler, AZ on February 26, 2006 surrounded by his family and close friends. Sy was a huge man in stature and in accomplishment. He held every position of leadership at Downey as Director of Avionics Systems Engineering, Vice President of Engineering, Chief Engineer for Space Shuttle Development, Vice President and Program Manager, President of Rockwell Space Station Division, and President of Space Division. At the time of his death, he was working on the return to space project. He was a Fellow of the AIAA and the American Astronautical Society and had been awarded the NASA Distinguished Public Service Medal. Sheila, his loving wife of 46 years, survives him.

RYKER, NORMAN J. JR. “NORM”, 79 – died May 7, 2006 at his home in Santa Clarita, CA. Norm was always highly regarded as a skillful technical leader. As Project Engineer, he led the engineering team that captured the Apollo Command and Service Modules contract. He also led the redesign of the Command Module after the Apollo I fire. The first lunar landing occurred while he was serving as Vice President of Engineering at Space Division. In 1976, Norm was appointed President of Rockwell International, participating in the successful development of the first reusable main liquid engines Space Shuttle engines at Rocketdyne. He left Rockwell in 1983 after 32 years of service to seek other aerospace challenges.

VOILES, FRED L. “FREDDIE”, 77 – passed away on May 17, 2006 in Perris, CA of heart related complications. Freddie started at LAD in 1952 as a millwright mechanic. He transferred to the Torrance facility and, later, retired as a machine shop supervisor from Space Division in 1988 after 36 years of service. He is survived by his loving wife Joan, another NAA retiree.

WELCH, WILLIAM “BILL”, 80 – of Grass Valley, CA died on February 17, 2006 at Sierra Nevada Memorial Hospital. Bill served in the Finance Department at Autonetics for 20 years. His wife Lois survives him.

WHITMORE, JARVIS H., 78 – died in an accident at his home in Oceanside, CA on February 12, 2006. With a degree in aerospace engineering, he dedicated 42 years to the aerospace industry including work on the Apollo, Skylab and the Space Shuttle projects. He also worked on the initial design phases of the C-17 aircraft. He retired from NAA/RI/Boeing in 1998. His wife of 47 years, Ida, survives him.

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**JEAN COULSON – PASO ROBLES, CA
JOHN C. FINGER – ANACORTES, WA
ROBERT W. HAUTER – HENDERSON, NV
MERLE F. MENEZES – MOUNT LAKE TERRACE, WA**

**FRANK K. FAUKNER – CAMARILLO, CA
DONALD GORE – KANSAS CITY, MO
GEORGE A. MARTA – MOJAVE, CA
GEORGE A. PATTERSON, JR. – FALLBROOK, CA**

The Silent Majority

by Stan Guzy



BRADY, CHARLES E. JR., M.D., CAPT., 54 – died in the woods on Orcas Island off the coast of Bellingham, WA. Charles was an Eagle Scout, athlete, doctor, a Blue Angel, and an astronaut. After receiving his medical degree from Duke University, he worked in sports medicine before joining the U.S. Navy. Trained as a flight surgeon, he served aboard the aircraft carrier *USS Ranger*. He later joined the U.S. Navy Flight Demonstration Squadron, the “Blue Angels”. In 1992, he reported to NASA to become an astronaut. His crew aboard the Space Shuttle *Columbia* established an endurance record during STS-78 of 271 earth orbits in 405 hours. He later was the Deputy Director for astronaut training and returned to Navy duty as a surgeon.

BAILEY, BETTIE LOU, 79 – died June 2, 2006 from natural causes. She was a long time employee at the Autonetics Financial function prior to retirement.

BALDWIN, L. GRANT, 79 – died July 25, 2006 of prostate complications at his home in Newport Beach, CA. He worked at NAA/RI in Human Resources, specializing in labor relations, arbitration and negotiations at the Division level. He left NAA/RI in 1968 to pursue a different career. Grant was a member of the Bald Eagles. His wife Josephine survives him.

BALDWIN, ROBERT C., 87 – passed away on July 15, 2006 in Riverside, CA of undisclosed causes. He had a successful career as an aerospace engineer working for NAA/RI on the Apollo program prior to retirement. He is survived by his caring wife Sybil.

BARRERA, FRANCISCO “FRANK”, 71 – passed away on May 8, 2006 after complications from surgery just 21 days after his wife Teresa succumbed to ovarian cancer. They had been married 51 years. Frank retired from the Planning and Control function at the Marine Systems Division in Anaheim in 1989.

BARRY, PAULINE I., – Pauline passed away in Tucson, AZ on March 15, 2003 after a brief illness. She retired from Autonetics in 1996 after 25 years of service. Her daughter Joleen notified us of her death.

BERENDZEN, ROY D., 81 – of Rancho Palos Verdes, CA died on May 26, 2006 of cancer. Roy worked as an engineer and retired from the Sabreliner in 1981 after 31 years of service. He is survived by his loving wife Fran.

BOHRER, SAMUEL, 84 – died peacefully on July 12, 2006 with loved ones at his side at his home in Mission Viejo, CA. An engineer for over 30 years, Sam played an integral part in the research and development of the Apollo and Space Shuttle programs at NAA/RI. Past president of NAA Space Division, Dale Meyers, said of him, “He was one of the great team players we had in the old days of North American Aviation.” He is survived by his wife of 56 years, Gloria.

BRIGHTMAN, BRUCE, – passed away on June 14, 2006 in Long Beach, CA after an intense battle with cancer. He worked at the NAA/RI Seal Beach facility primarily in the GPS Materiel function prior to his retirement in 1990. Commendably he volunteered his time in gathering food for needy families. Bruce is survived by his wife of 52 years, Bette.

BUDNEY, GEORGE, 85 – died May 21, 2006 after a short illness. After earning an advanced engineering degree from Columbia University he worked at the Atomics International Division of NAA/RI as a Project Manager on commercial and aerospace nuclear power plant projects, and later on, geothermal power and industrial heating projects. Rose, his wife of 50 years, survives him.

CARTER, GERALD D., 79 – died on June 6, 2006 of pneumonia. He was a retired electrical engineer from NAA/RI. His wife Claire survives him.

CARTER, LARRY N., 69 – died of Lou Gehrig’s disease on May 5, 2006 in La Quinta, CA. He had retired in 1998 after 38 years of service as an electrical engineer. Larry was quite active in playing and giving tennis instructions. He is survived by his companion of 17 years, Judy Chandler.

CUTTER, JAMES “JOCKO”, 77 – died at his home in Paso Robles, CA on June 30, 2006 of lung cancer. “Jocko” retired from Space Division in 1990 after 31 years of service in the project office. He is survived by his caring wife Geraldine.

DOYLE, VINCENT A., 89 – died on May 17, 2006 in Saint Paul, MN. During WWII, Vince served as a navigator/bombardier with the 341st Bomb Group of the 14th Air Force in China. He joined NAA and served on various programs at LAD and Oceanside. He left NAA/Rockwell in 1984 after 15 years of service to work as a civil engineer for Los Angeles County and the City of Oceanside, CA. He is survived by his wife of 63 years, Mary.

EDWARDS, PAUL R., 76 – Paul was at home in Seal Beach, CA with family and friends when he lost his battle with cancer on August 7, 2006. He joined NAA in 1952 as an engineer and worked on many NAA aircraft, and later, on the Apollo, Space Shuttle, Space Station and GPS programs. His specialties included aerodynamics and propulsion systems. Paul retired in 1990 with 47 years of service. An avid sailor, Paul owned many sailboats and held an interest in a power boat. He is survived by his loving wife Lara. Good Winds, Good Sail, God Speed, Paul.

GOFF, HERBERT R., 82 – passed away peacefully in Santa Cruz, CA from undisclosed causes. He had been employed by NAA/RI as an electrical engineer and his career spanned over 35 years. His extended family survives him.

JONES, SID, – passed away on July 14, 2006 after a long illness complicated by the onset of Alzheimer’s disease. Sid had worked initially for NASA serving as the technical interface with NAA/RI on the Apollo and Shuttle programs. After retiring from NASA, he spent several productive years at RI before retiring again. He moved to a beach home south of Kemah, Texas.

LEWIS, HARMON Z., 89 – passed away June 22, 2006 from undisclosed causes in La Mirada, CA. He came to California in 1941 and was employed by NAA for 34 years until he retired. His wife Essie survives him.

LOGELIN, EUGENE G., 78 – died in Hemet, CA on May 6, 2006. Gene served at Autonetics for 30 years when he retired as a manager. He is survived by his wife Betty.

LOOP, RICHARD “DICK”, – passed away at his son’s home

in Perris, CA after a long illness. Although suffering with illness, Dick found the strength to square dance with his wife in past years. He served in Navigation Systems for 35 years prior to his retirement in 1988. He is survived by his wife of 57 years, Micky.

MARSHALL, RICHARD L., 77 – of Leisure World in Seal Beach, CA passed away on June 15, 2006. Richard retired from LAD in 1989 after serving for 40 years as a tool and die maker and UAW Union President. He is survived by his wife Daphne.

McGINNIS, LEON C. “MAC”, 87 – of Torrance, CA passed away on December 9, 2005 due to complications of diabetes. A veteran of both the Army and Air Force, Mac was an NAA Tech Rep serving in the field, including a stint with the 450th Fighter Day Wing awaiting the arrival of the new F-100C at Foster AFB in Victoria, TX. He was buried at the National Cemetery in Riverside, CA and is survived by his wife of 53 years, Betty.

MEYER, HENDRIKUS “HANK” JR., 79 – died of myocardial infarction at the Suburban Medical Center in Paramount, CA on July 4, 2006. Hank worked as an electronics warfare engineer at NAA/Rockwell/ Boeing. Hank received the Engineer of the Year award for his work on the Sabre Cross Flight Test Program. He was an avid ham radio buff, an accomplished ballroom dancer and a professional musician. He is survived by his wife Jolee.

MILLER, CHESTER R. JR., 84 – of Hemet, CA, passed away on June 21, 2006. Chester started at LAD as a machinist in 1942 and retired as a manufacturing engineer after 45 years of service.

MORMANN, NORBERT B., 83 – died of cancer on July 10, 2006 in Fort Walton Beach, FL. After serving in the Army Air Corps, Norbert joined NAA as an aircraft mechanic in the Engineering Flight Test group at Edwards AFB and the Palmdale Facility. He retired from Space Division in 1987 after 25 years of service.

PATTERSON, BARBARA, 75 – passed away at her home in Redding, CA on May 24, 2006 after a long illness. She had worked at NAA/RI Space Division for many years in the Contracts & Pricing function of Finance prior to her retirement.

PICKRELL, DON H. JR., 82 – died on July 11, 2006 in Yorba Linda, CA after a determined battle with various health issues. After receiving his PhD at the Cal Tech, Don started at North American Aviation Autonetics which followed to Rockwell International. He rose to the position of Executive Vice President and General Manager, Marine Systems Division. In the final years, he was designated to help launch the Company’s “Star Wars” program, and retired General Manager of the Strategic Defense and Electro-Optical Sensors Division. After retirement, he served as both Chairman and member of the Board of Directors of the RI Federal Credit Union. His wife Mary Ellen survives him.

PIRZYNSKI, JOSEPH, 89 – passed away on April 18, 2006 in Inglewood, CA. Joe retired in 1981 after many years of service.

RANKIN, ARVADA E. “VADE”, 81 – passed away on June 1, 2006 surrounded by his loving family, having celebrated one day earlier his 60th wedding anniversary with his wife Marjorie. He had worked and retired as a Test Engineer from RI.

REED, CALVIN “CAL”, 82 – died June 17, 2006 in Escon-

dido, CA. Cal was a film and video director and was nominated for an Oscar for his documentary film, “*With Their Eyes on the Stars*”. He retired from Rockwell in 1975 and is survived by his wife Dene.

RESECK, LEONARD F., 86 – died of natural causes in Downey, CA on May 2, 2006. Leonard was a facilities and industrial engineer at Autonetics. He was responsible for the microelectronics processing labs in Anaheim and the establishment of Irvine Electronics. He served three terms as president of the Vintage Chevrolet Club and was proud of his own 17 vintage Chevrolets. He is survived by his wife of 66 years, Lorena.

SCHWARTZ, ARNOLD F. “SHORTY”, 95 – passed away peacefully in his sleep in Lodi, CA. He started in the Shipping Department at LAD in 1937 and retired as a supervisor after 36 years of service in 1973. After retiring, he moved to a small ranch he owned east of Lodi, CA and finally settled there. He is survived by his loving wife of 58 years, June.

SMITH, JOHN C. “JACK”, 90 – passed away of cancer in Stockton, CA on May 10, 2006. Jack left NAA in 1960, having served 19 years in the F-86/F-100 Flight Inspection group. He is survived by his loving wife of 53 years, Nadine. She was also an NAA employee, serving at the NAA Nurse’s Station in Fresno, CA.

STAGNARO, VINCENT J., 66 – passed away on June 11, 2006 from undisclosed causes in Reno, Nevada. After retiring from the Navy, Vince earned a BS degree and began a second career in 1961 as a Senior Pricing Analyst at the Autonetics Division. Vince retired from NAA/RI/Boeing in 2002. His wife Judy survives him.

TAUBE, LEROY J. “LEE”, 76 – of Costa Mesa, CA passed away on May 20, 2006 from undetermined causes. His wife and family were at his bedside. Lee began his career with Boeing, moved to Collins Radio and ended his 32 years of service with NAA/RI. At retirement he was Director of Contracts and Pricing, having worked on the Apollo, Space Shuttle and Space Station projects. He had received two NASA Astronaut Snoopy Awards. He is survived by his loving wife Lois.

YAMANE, EDWARD M., 81 – died in Pasadena, CA on January 16, 2006 of cancer. Ed was born in Papaalooa, HI. Shortly after the attack on Pearl Harbor, Ed volunteered for the famed all-Nisei 442nd Regimental Combat Team. His unit faced horrific German opposition and he was wounded twice in Italy and in Germany. After the war, Ed received his engineering degree from the University of Kansas and joined NAA at LAD. He worked on Ground Support Equipment for the WS-110, which later was designated the XB-70. He subsequently became supervisor of the AGE Group for the B-1. Ed was buried at the National Cemetery in Hawaii with full military honors. His loving wife Yasue survives him.

YOUNG, FRED E., 81 – passed away of a heart related problem on April 3, 2006 in Poland, OH. Fred retired from the machine shop at Space Division in 1986 after 26 years of service.

**LOST SHEEP – BULLETIN RETURNED
WITH NO FORWARDING ADDRESS
CHRIS P. BADER – CHANDLER, AZ
KARL R. EBY – COLUMBUS, OH**

The Silent Majority

by Stan Guzy

ANDERSON, ROBERT, 85 – died at his home in Los Angeles, CA on October 30, 2006 of cancer. He was president of Rockwell International from 1970 until 1979 when he became its chairman and CEO, retiring in 1988. During his tenure, NAA/RI was the prime contractor for the first five space shuttles and the plan to build 100 B-1 bombers was also revived. As a result, NAA/RI tripled in size and was transformed into one of the world's largest aerospace companies. His wife Diane survives him.

ASARO, JOSEPH J., 86 – died on October 2, 2006 of complications resulting from a stroke. He had been a timekeeper at NAA/RI prior to his retirement. His wife Hortense preceded him in death.

AVERILL, ROBERT J., 71 – of Anaheim Hills, CA died on August 23, 2006 after a lengthy battle with Parkinson's disease. His wife Jeannie survives him.

BOWSER, LAWRENCE, 63 – died on October 5, 2006 from complications resulting from lung transplant surgery. He was a veteran NAA/RI employee before retiring from Boeing after 35 years of service. His loving wife Joyce survives him.

BUZZATTO, ANGELO "BUZZ", 83 – died in Torrance, CA after a long battle with Alzheimer's disease. He joined LAD and served for 35 years in tooling, retiring in 1988. He is survived by his wife of 41 years, Tommie.

CAZARES, WILLIAM S. "BILL", 87 – of Salinas, CA passed away on January 30, 2006. Bill served in Tool Design and Tool Engineering for over thirty years.

DAVIES, MERNA, 87 – died in Modesto, CA on June 1, 2005. Merna worked for many years as a secretary at the LAD and B-1 Divisions. Prior to retirement she served in the Aerodynamics Group. Her daughter Linda informed us of her passing.

DOUGLASS, JOYCE (MACKENZIE), 72 – passed away from Alzheimer's disease on March 30, 2005 in New Jersey where she lived near her daughter. Joyce began her career at NAA/RI as a secretary and eventually worked on "black" programs in Advanced Design at LAD for several years. She retired in 1986 after 25 years of dedicated service.

DOYLE, VINCENT A., 89 – died on May 17, 2006 in St. Paul, MN from unspecified causes. At NAA/RI he served as an engineering coordinator for experiments conducted by the astronauts on the Apollo/Saturn programs. His wife of 63 years, Mary, survives him.

EDWARDS, PAUL R., 76 – lost his battle against cancer at his home on August 7, 2006. Paul began his engineering career at NAA/RI on aircraft programs, and later on the Apollo, Space Shuttle, Space Station and GPS programs. He retired in 1990 and is survived by his wife Lara.

GASKINS, GEORGE T., 76 – a resident of Orange, CA, he passed away on September 25, 2006 at Long Beach Memorial Hospital after a short illness. George was an NAA/RI retiree and is survived by his wife Norma.

HANSEN, MARGARET A. "MARGE", 72 – died in Santa Maria, CA on September 19, 2006 after a courageous battle with breast cancer. Marge started at the Downey facility in 1961 and served as departmental secretary for 31 years at Downey, Seal Beach, Sabreliner and LAD until she retired in 1992. She met her husband, John Hansen, at LAD where he served in Industrial Security. They were married for 33 years until he preceded her in death.



*John Tribe and Tom O'Malley
briefing Anderson at KSC
– Circa 1970's*

HERMAN, DR. JOHN J., 82

– passed away on August 29, 2006 in Cambria, CA. He retired from Autonetics in 1986 after more than 30 years of service. John was the Adjutant of Chapter 96 of the Disabled American Veterans in Cambria. His wife Patsy survives him.

HINES, ORA L., 92 – passed away on August 15, 2006 in Seattle, WA from undisclosed causes. He worked at NAA/RI as a procurement inspector in the Material Department prior to retiring. His wife Helen preceded him in death.

HORTON, HAZEL "PEGGY", 80 – passed away at home in Carson, CA on June 30, 2006. She served at LAD, Crenshaw and Compton before moving to Space Division in Downey. Peggy worked on the Space Shuttle program as a laboratory technician, retiring from Seal Beach after 30 years of service.

HYNES, WILLIAM T. "BILL", 78 – of Rancho Palos Verdes, CA passed away on September 6, 2006 of a melanoma. Bill joined LAD as a specifications engineer and worked on the F-86, F-100, X-15 and the XB-70. He retired in 1990 after 35 years of service. His wife Peggy survives him.

JAQUA, EMILY – of Camarillo, CA lost her battle with lung cancer on June 25, 2006. Emily served for many years in the data analysis organization at Rocketdyne.

JAQUA, VANCE, 77 – lost his battle with leukemia on June 27, 2006 two days after his wife, Emily, passed away. Vance served 29 years at Rocketdyne, designing and developing rocket propulsion systems including the Gemini and Apollo attitude control rockets. He also worked on the injectors for the Lunar Module Ascent Engine, Peacekeeper fourth stage and the Space Shuttle Main Engine.

JOLLIFF, EARL R., 94 – passed away at his home in Hemet, CA on June 9, 2006 of natural causes. Earl retired from LAD in 1976 as a manufacturing supervisor of classified products and materials with 35 years of service. His loving wife Mildred Louise survives him.

KINDELBERGER, GEORGE W., 74 – succumbed to lung cancer at his home in Placentia, CA on March 31, 2006. George, a nephew of "Dutch" Kindelberger, retired from Space Division in 1990 after 40 years of service. He was buried at the Riverside National Cemetery in Riverside, CA. He is survived by his loving wife of 55 years, Leida.

KOONS, DONALD L., 77 – passed away in his sleep on October 17, 2006 at his home in Rancho Palos Verdes, CA. Don retired from LAD, where he was an avionics manager on the B-1, in 1986 after 30 years of service.

LINDQUIST, JAMES, 75 – died on November 5, 2006 from undisclosed causes. He retired in 1986 after a long career at the Rocketdyne Division. His wife Vara survives him.

LOOP, RICHARD "DICK", – a resident of Kernville, CA, died from unspecified causes on May 29, 2006 after suffering from

ill health for several years. Dick retired in 1988 after 35 years of dedicated service in engineering management at Navigation Systems. He is survived by Micky, his wife of 57 years.

McCLEARY, RALPH W. JR., 85 – of Rancho Palos Verdes, CA died of prostate cancer on November 22, 2006, Ralph joined LAD in 1940 in Manufacturing. Before transferring to Space Division, he was an assistant to Ralph Ruud. In Downey he served in Manufacturing and Facilities, retiring as a supervisor of the Sheet Metal Department in 1983 after 43 years of service. He is survived by his wife Shirley.

McQUILLEN, WARREN D., 80 – succumbed to prostate cancer at home in Bellflower, CA on October 31, 2006. Starting at the bottom, Warren retired in 1983 from Space Division as Director of Hardware and Equipment Development with 36 years of service. He is survived by his loving wife of 61 years, Betty.

MOOREHEAD, BRUCE H., 79 – died in Plano, Texas on August 19, 2006 from unspecified causes. Bruce had worked at NAA/RI on various engineering projects including the investigating committee of the Apollo 1 spacecraft fire and the final acceptance of the main engine for the first Space Shuttle used by NASA. He was also past president of the Anaheim chapter of the RI Management Association. Evelyn, his loving wife of 59 years, survives him.

MORAWSKI, JULIAN, 89 – passed away in Boise, ID on September 22, 2006 of prostate cancer. Julian served as a structures engineer on the B-1, Apollo and the Space Shuttle. He was born in Poland and served in the Polish Army during the September 1939 German invasion. Taken prisoner, he escaped from a moving POW train, and then smuggled his way to join the Polish Army in exile in France. When France collapsed, his unit continued to fight and retreat in an orderly manner until taken off the beach by a British destroyer, one month after the debacle at Dunkerque. Based on his single parachute jump as a cadet in prewar Poland, he was sent to Ringway Airport to train Allied paratroopers and secret agents in the skills of parachuting. To provide paratroopers immediate access to their heavy weapons, he developed and tested the method to strap the weapons to the troopers and then to release them as they approached the ground to slow down their own descent. Completing his assignment at Ringway, he rejoined the 1st Polish Parachute Brigade in Operation Market Garden and the liberation of Holland. He was an exceptional engineer and a good friend.

O'DONNELL, WILLIAM R., 89 – died on May 3, 2006 in Playa del Rey, CA from unspecified causes. Bill retired from Space Division where he had helped build the Apollo 11 Command Module and the first Space Shuttle.

PETRONE, ROCCO A., 80 – died at his home in Palos Verdes Estates, CA on August 24, 2006. A graduate of West Point, he began his career in Space on the Redstone ballistic missile program as an Army mechanical engineer. On loan to NASA, he worked on the Saturn program at KSC in Florida. From 1966 to 1969, he served as director of launch operations that included the Apollo 1 disaster and the Apollo 11 successful landing on

the Moon. In 1969, he was named Apollo program director in Washington and in 1973; he was made director of the Marshall Space Flight Center in Huntsville, Alabama. Ending his NASA career in 1975, he joined Rockwell International in 1981 as head of the Space Transportation and Systems Division. He is survived by his wife of 50 years, Ruth.

REEKSTIN, JOHN P. JR., 67 – passed away suddenly on October 26, 2006 from undisclosed causes. John was a physicist and marketing director who came to NAA/RI in 1973 to develop and implement new technologies in the aerospace/missile defense industry. His wife of 46 years, Judith, survives him.

ROBERTSON, WILLIAM L., 71 – passed away on October 4, 2006 at his home in Corona, CA following a recent illness. Bill served as an aerospace engineer at NAA/RI for 28 years before retiring. His wife of 48 years, Rose, survives him.

SCHILLINGER III, HENRY N., 65 – died on November 3, 2006 in Cedar Rapids, IA after several years of battling various cancer complications. Henry retired from Rockwell Collins after 27 years of service. His wife Judith survives him.

SIMON, HELEN S., 89 – of San Juan Capistrano, CA passed away on September 1, 2006 of vascular complications. Helen retired from Autonetics where she was a lead woman in 1984 after more than 30 years of service.

STAGNARO, FRANK J., 81 – passed away in Long Beach, CA on November 13, 2006 from brain cancer. Frank joined NAA in 1957 as a buyer and retired in 1984 after 27 years of service as a procurement manager on the Space Shuttle. He is survived by his caring wife of 43 years, Marilyn.

STUDHALTER, WALTER R., 85 – of Woodland Hills, CA, died of a heart attack while climbing in the Cargo Muchacho Mountains in California on July 14, 2006. In the 1950s, Walt was the Rocketdyne Redstone Engineer for Explorer 1, placing America's first satellite in Earth orbit and for the Mercury vehicle making Alan Shepherd the first American in Space. He later was the program manager for the first Saturn J-2 Engine program.

VAN BLOM, WALTER "SLIM", 87 – passed away on April 7, 2006 in Port Townsend, WA. Slim started working in aircraft on the DC-3 at Douglas. He retired from LAD in 1972 after 26 years of service. His wife Mariana survives him.

VAN QUEKELBERG, ARTHUR R., "VAN", 78 – passed away on May 20, 2006 after a brief battle with lung and brain cancer. He joined NAA in 1951 as an accountant at the Columbus Division. He relocated to Fountain Valley, CA and worked at the central payroll department in Seal Beach, CA. Van retired as a manager of central payroll operations in 1987 after 36 years of service. His loving wife Brenda survives him.

WICKENS-HOFFMAN, JUNE, 69 – died of lung cancer on October 16, 2006 at her home in Camarillo, CA. June worked as a secretary at Autonetics for John Moore and at the NAA International office. Her husband Robert survives her.

WILHELMI, EDWARD H., 83 – died in Las Vegas, NV on September 20, 2006. Ed retired in 1978 from Space Division after serving 23 years in procurement management, primarily on Saturn S-II. His wife Patti survives him.

LOST SHEEP – BULLETIN RETURNED WITH NO FORWARDING ADDRESS

**GERALD G. BROWN – ANAHEIM, CA
NITA BLASER – VENICE, CA
KARL R. EBY – COLUMBUS, OH**

**ROBERT HAUTER – HENDERSON, NV
PAUL LANGFELDT – ANAHEIM, CA
WALLACE PUGH – MANHATTAN BEACH, CA**

The Silent Majority

by Stan Guzy

TAYLOR, KENNETH M., 86 – an Army Air Corps pilot, Lt. Taylor joined Lt. George “Wheaties” Welch to become the first two U.S. pilots airborne during the Japanese attack on Pearl Harbor on Sunday, December 7, 1941. The 47th Pursuit Squadron pilots had attended an officers’ party the night before when they were awakened in their quarters by explosions as Japanese planes bombed Battleship Row and nearby airfields. Taylor threw on his tuxedo pants and with Welch drove the ten miles to Haleiwa airfield where their P-40 fighters were parked. Within minutes they were airborne with guns blazing. Neither was recommended for the Medal of Honor because they did not wait for orders from their commanding officer to take off. Taylor had homes in Anchorage, AK and Tucson, AZ. He is survived by his wife, Flora.

BLACK, RUTH, 88 – died from a stroke on January 11, 2007 in Bullhead City, AZ. Ruth was the widow of John Black. They both worked at LAD for many years, he in Manufacturing and she in Planning.

BLANCHET, CLEO E., 89 – passed away on December 25, 2006 at his assisted living home in Chino, CA. A graphic artist and technical illustrator, Cleo worked for many years at NAA/Rockwell. He is survived by his wife Elena.

CECKA, WILLIAM J. “BILL”, 85 – died in Saratoga Springs, NY on December 22, 2006 after a long illness. He joined NAA in 1943 but was inducted into the service in 1944. He returned to NAA in 1946, resuming his work on the new science of rocketry. With initial field testing being done in the LAD parking lot, subsequent testing was moved to the Santa Susana Mountains. Bill was a key member of the teams that developed and built engines for the Atlas, Thor, Jupiter and Redstone rockets as well as the J-2 engines for the Saturn V rocket. He retired in 1977 as president of the Rockwell Tulsa division. He is survived by his wife Ethel.

CINDRICH, JOSEPH J., 68 – succumbed to cancer at his home in Fort Smith, AR on August 1, 2006. Joe implemented test plans at Space Division for major components until he was transferred to Vandenberg AFB where he participated in construction of a launch facility. He is survived by his wife Louise.

DILLOW, ROLLA M., 90 – died at home in Apple Valley, CA on January 6, 2007. Rolla served in Personnel at NAA/Rockwell for 31 years. He is survived by his wife of 65 years, Aileen.

FLESIA, TERRY, 66 – died of lung cancer at his home in Irvine, CA on December 6, 2006. Terry joined NAA in 1961 in the tooling department in Downey. A year later, he transferred to Traffic & Transportation where he had a variety of assignments from forklift operator to assistant supervisor. He is survived by his partner Pam Lessin.

FOERSTER, ARTHUR R. “RICK”, 85 – of Elizabethtown, PA, passed away on November 16, 2006. Arthur started at NAA as a field tech representative and later became a contracts administrator at LAD. He retired in 1981 with 26 years of service. He is survived by his loving wife Joyce.

GIMMA, FRANK, – of Las Vegas, NV passed away on May 29, 2006. Frank retired from Space Division in 1997 after 33 years of service. He is survived by his wife Mary.

GRIFFITH, KERMIT L., 74 – died at home in Rogue River, OR on September 16, 2006. Kermit served in Quality Assurance for 29 years before he retired from Space Division in 1992. He is survived by his wife Marcella.

GRUSD, JACK, 91 – of Victorville, CA died on August 25, 2004 from undisclosed causes. Notified by Doris Grusd.

HERRING, LEIGH L., 86 – passed away on December 21, 2006 in Long Beach, CA. Leigh served in the Navy, Coast Guard and Merchant Marine for many years before joining Rockwell International. He received a NASA Outstanding Achievement Award for his work on electrostatic sensitive electronics. He is survived by his wife Helen.

HOFFMAN, LOUIS V., 87 – a long time resident of Prescott, AZ, Lou slipped the bonds of earth and closed his log book on January 19, 2007. Lou joined NAA at Kansas City, KS in 1941, building B-25s. He enlisted in the Army Air Corps and received flight training at RAF Flying School #4 at Falcon Field, Mesa, AZ where he proudly received USAAC and RAF wings. During WWII, he flew as a ferry and VIP pilot. After the war, he worked at several aerospace companies including a stint at Autonetics, testing Navaho inertial navigation equipment. He was an Associate Fellow of the Society of Experimental Test Pilots and a charter member of the Aviation Hall of Fame. He is survived by his wife Dava.

KOLB, GEORGE N., 69 – died November 19, 2006 in Escondido, CA. Although George retired in 1998 from Space Division after 35 years of service as a mechanical engineer, he also had assignments at Palmdale and on the Sabreliner. He is survived by his loving wife of 46 years, Cynthia, of the Rincon Indian Reservation.

KRASINSKI, HENRY L. “HANK”, 80 – passed away in Westerville, OH on January 24, 2007. Henry started his career at Curtiss Wright in Columbus and eventually retired from Rockwell International after 25 years of service as a mechanical engineer.

LACROIX, WILLIAM P., 80 – of Canoga Park, CA, died on December 15, 2006. Bill came to LAD in 1951 as a design engineer on the F-86. He subsequently moved to the NAA facility in Fresno and then to Rocketdyne where he worked on GSE for the Apollo, Space Shuttle and Peacekeeper programs. He retired from Rocketdyne in 1984 after 33 years of service.

LOFQUIST, AL P., – of Las Vegas, NV died from undisclosed causes in 2006. Reported by his wife Rita.

LOSEE, DUDLEY O., 79 – of Redondo Beach, CA died from a fall on September 27, 2006. Dudley retired from LAD in 1989 after 20 years of service.

MAUGHAN, RAY, – of Torrance, CA died on March 29, 2005. Subscription reminder card returned captioned “DECEASED”. Ray retired from Tooling in 1979 after 39 years of service.

McKEE, JAMES E., 76 – passed away peacefully at home in Escondido, CA on December 5, 2006. During his 43 year career, Jim worked on many major programs including Mercury, Apollo and Space Shuttle, as well as the X-15, B-70, B-1 and the F-86. His beloved wife of 30 years, Judy, survives him.

McKENNA, JAMES J., 80 – of Titusville, FL, passed away on February 6, 2007 at his home. He retired in 1984 as an electrical engineer after working on the Hound Dog at Eglin AFB, on Apollo launches at KSC and at Palmdale on the Shuttle.

PECKHAM, RICHARD O., – of Homeland, CA passed away due to advanced lung illness on September 19, 2006. Dick retired from Space Division in 1986 after 27 years of service. He is survived by his wife Mary.

ROHR, LOUIS A., 83 – died of complications from diabetes and a collapsed lung on January 5, 2007 in Carson City, NV. He worked as a carpenter at the Corporate Office for 30 years.

STAGNARO, FRANK J., 81 – passed away from brain cancer in Long Beach, CA on November 13, 2006. Frank joined NAA in 1957 as a buyer in procurement. He rose to the position of Procurement Manager on the Space Shuttle program before he retired in 1985. He is survived by his wife of 42 years, Marilyn.

SULLIVAN, WALTER B., 97 – passed away on January 31, 2007 from undisclosed causes. Walt worked at Rocketdyne, testing rocket engines.

YOUNG, FRED E. – bulletin returned stamped “DECEASED”. Fred retired in 1986 after 26 years of service from Space Division where he worked in the machine shop. After retiring, Fred resided in Poland, OH.

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PAX DOMINI SIT SEMPER VOBISCUM

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North American Aviation 27th and Final Annual Grants Pass Picnic

The 27th and Final Annual Reunion was held at Indian Mary Park in Grants Pass on September 6, 2006. There were 39 attendees. With a rapidly diminishing yearly attendance, the group opted to make this picnic the last one.

The picnic guests included:

Front Row: Neel Weedle, Gerry Borger, Jack Borger, and Bob Morse.

Second Row: Guest, William Hulben, Harold Hayes, Roy Mowles, Bill Francis, and Gil Judson.

Third Row: Gerald McGee, Loretta Shriner, Don Harn, Ann Trimm, and Milo Price.

Fourth Row: Gene Miles, Evan Shriner, Earl Knowles, Bob Hansen, and Joe Trimm.



The Silent Majority

by Stan Guzy



SCHIRRA, WALTER M. "WALLY", 84 – of Rancho Santa Fe, CA passed away of a heart attack on May 3, 2007. One of the original Mercury Seven astronauts, he was the only man to fly in all three of NASA's earliest manned spaceships. In 1962, Wally became the third American to orbit the Earth in

the Sigma 7 Mercury spacecraft. Three years later, he guided the Gemini 6 two-man capsule to a rendezvous with Gemini 7. In 1968, his Apollo 7 eleven-day mission restored the nation's confidence in the space program, which had been badly shaken by the Apollo I fire on the launchpad. A frequent and welcome visitor to the Downey facility, he left NASA in 1969 having logged over 295 hours in space. After graduating from the U.S. Naval Academy in 1945, Wally served with the Seventh Fleet and flew 90 combat missions during the Korean War. His passing leaves John Glenn and Scott Carpenter as the only Mercury Seven astronauts remaining. We were honored having Wally join us at the Bald Eagles Reunion in April. Wally is survived by his wife Josephine.

BALL, WILLIAM C., "BILL", 90 – of Fallbrook, CA passed away on April 6, 2007 after a long illness. Bill joined NAA in 1938, assigned to what became Manufacturing Engineering. He retired from the B-1 program in 1977 after 39 years of service.

BARRON, GEORGE B., 71 – of Los Angeles, CA passed away of pancreatic cancer on January 22, 2007. George served as an electrician/engineer in plant services.

BENSON, GARY D., 55 – passed away from undisclosed causes at Inland Valley Medical Center in Wildomar, CA on April 30, 2007. He worked for NAA/RI/Boeing for 28 years. His wife Christine survives him.

BERKHEIMER, HAROLD R., 77 – of Anaheim, CA passed away on April 13, 2007 after a lengthy illness. Harold earned an AA degree while working in Product Engineering at Rockwell International. His work included the Peacekeeper Program. Burial was at the National Cemetery in Riverside, CA.

BRANDON, ROBERT, 79 – died on February 19, 2007 from undisclosed causes. He served as an engineer on the Apollo Space Program. His wife Mary survives him.

DAVIDSON, RALPH E., 88 – of La Mirada, CA, passed away from colon cancer on March 9, 2007. Ralph worked on the Apollo, Space Shuttle and B-1 before retiring from LAD in 1983 with 21 years of service. He is survived by his wife of 68 years, Maxine.

EHRICH, GUY, 78 – passed away on March 7, 2007 from pneumonia and other lung complications. He worked at NAA/RI as a manager in planning at the Autonetics facility before retiring in 1992. Guy was a capable leader who was well liked by those with whom he worked. His wife Carol survives him.

ETHERIDGE, FREDERICK G., 84 – of Aliso Viejo, CA, passed away on February 27, 2007. Fred served in fluids and propulsion engineering at Downey and Seal Beach before retiring in 1986 with 45 years of service. His work included the Apollo, Space Shuttle proposals and numerous satellite projects.

EWALD, LORRAINE H., 60 – died in Arroyo Grande, CA

on April 16, 2007 of a heart attack. Lorraine retired from Downey as a senior procedures analyst in Material after 28 years of service. Her loving husband Bob, also an NAA retiree, survives her.

FIELDS, WILLIAM V., 82 – died on April 26, 2007 in Homeland, CA. Bill retired from Rockwell International in 1987 after 32 years of service as a machinist.

FILIPPO, PAT, 76 – passed away on April 29, 2007, from undisclosed causes, surrounded by her loving family. Pat had worked at NAA/RI at Downey and Anaheim in the logistics organization for 33 years before retiring in 1990. Pat is survived by her husband of 58 years, Lou.

GALLEGOS, ALBERT N., 83 – passed away at his home on February 7, 2007 from complications of congestive heart failure. He worked for thirty years as a nuclear engineer for NAA/RI before retiring in 1986. His wife Elaine survives him.

GILBERT, JOSEPH L. "JOE", 76 – died in Placentia, CA on April 2, 2007. Joe served as a quality and reliability engineer at Autonetics for 23 years before he retired in 1996. He is survived by his wife of 49 years, Dolores.

GRANADO, ARTURO T., 80 – of La Mirada, CA, passed away on January 13, 2007 from complications of a lung disease. Arturo retired from Space Division in 1991 after 30 years of service. During World War II, he served with the Army in the Philippines and was present on the USS Missouri in Tokyo Bay for the surrender of Japan. Arturo is survived by his loving wife Carolina.

GYSBERS, JACK C., 88 – died at Encino hospital from renal failure and cancer on April 5, 2007. Jack joined NAA in 1957 with a master's degree in mathematics and worked on several engine/rocket programs at the Rocketdyne Division. Later, he was assigned to the RI Science Center until he retired in 1987. His wife of over 60 years, Ruth, survives him.

HAWLEY, GORDON E., 82 – died on January 26, 2007 from undisclosed causes in Lake Forest, CA. His career in aerospace and the manned space program spanned more than 20 years at NAA/RI/Boeing. He was a group leader and a mentor to a generation of engineers. He retired in 1984 only to work 18 more years as a consultant. His devoted wife, Dorothy, misses him.

HOWARD, ERNEST V. "ERNIE", 88 – passed away peacefully at home in Downey, CA on May 14, 2007. Ernie joined NAA at LAD in 1941 as an inspector. He worked on many major programs and retired with 40 years of service from Space Division in 1980 as a quality control engineer. He is survived by his loving wife Marge.

JOHNSON, FRED T., 85 – passed away on January 7, 2007 in Georgetown, TX after a long battle with heart disease. Fred retired from the LAD Hydraulics Group in 1979. He is survived by his wife of 60 years, Jean.

JOHNSTON, BETTY B., 75 – passed away quietly in Hemet, CA on April 24, 2007. She began her career with NAA in Downey in 1955 as a maintenance engineer. Betty retired after 33 years of service and moved to Hemet in 1988 to enjoy her family.

JONAS, CHARLES B., – died on December 28, 2006 from undisclosed causes. He retired in 1978 after 29 years of service as a graphic artist. Notification was made by an unsigned letter.

KEASEY, STERLING “BILL”, 84 – died on January 29, 2007. Bill served in the Photogrammetry Department of Quality Control at the Columbus Division when he retired in the early 1980s.

KELLETT, DUANE E., 86 – passed away in Templeton, CA on January 23, 2007 due to declining health. He retired in 1980 from Space Division after 41 years of service. Duane started as a riveter and worked his way up to a supervisory position. His wife, Lottie, survives him.

KRUEGER, ALLEN, 81 – of Fullerton, CA died from undisclosed causes on May 6, 2007. He was an engineer with Marine Systems before retiring after 45 years of service.

LAUBACH, GEORGE E., 82 – of Plano, TX passed away on January 13, 2007. George started his career with NAA in Downey and worked on the Navaho, Apollo, X-15 and Shuttle programs in the Environmental Control System. He later moved to Boeing in Alabama where he retired in 1986. His wife, Annabelle, survives him.

LECCO, LUCILLE S., 83 – died at home in Columbus, OH on March 21, 2007. Lucy retired from North American Rockwell after more than 30 years of service.

MARTIN, FRAN, – of Manhattan Beach, CA passed away on October 30, 2006. Fran served at LAD for 27 years before retiring in 1993.

MCDONALD, ROBERT “BOB” L., 76 – passed away on April 8, 2007 as a result of complications associated with Alzheimer’s disease. He retired from NAA/RI after 30 years of service as an engineer in senior management. His wife, Mimi, survives him.

MCINDOO, DONALD, 77 – passed away on April 30, 2007 in Murrietta, CA from undisclosed causes. Don worked at the Marine Systems Division of Autonetics. The majority of his career, spanning almost 30 years, was in the Field Engineering organization where he was assigned to several key programs including the navigation systems for the Poseidon, Polaris and Trident submarines. His wife, Sylvia, survives him.

MCINTYRE, GEORGE W., 85 – passed away in Aptos, CA on April 8, 2007. George served in the Navy during WWII and the Korean War. He joined NAA at Downey in 1964 as an engineer on the Apollo and Space Shuttle programs and retired in 1987 after 23 years of service. An Eagle Scout, he was a very active adult scouting leader and enjoyed backpacking trips in the Sierras.

PURCELL, ALLAN C., 90 – of Inglewood, CA passed away on January 10, 2007. Al retired from LAD in 1981 after 46 years of service. He is survived by his loving wife Lila.

REED, ORION H., 90 – died on Merritt Island, FL on March 15, 2007. Orion was the NAA Base Manager at Cape

Canaveral on the Navaho program. He then became the Convair Test Conductor on the Atlas Program. His wife, Edith, survives him.

ROBERTS, JAMES E., – of Victorville, CA passed away from undisclosed causes on April 22, 2004. He retired from Autonetics in 1981 after 28.5 years of service. His wife, Hilda, survives him.

ROSSELLO, DANTE, 88 – of Long Beach, CA passed away on April 28, 2007. At NAA/Rockwell, he worked on the design of the Space Shuttle wing. He held two patents for reinforced insulation and core structure and had two tech briefs printed when he retired in 1983. He is survived by his wife of almost 60 years, Josephine.

SCHELL, R. KENNETH “KEN”, 69 – died on April 3, 2007 at home in Cocoa Beach, FL after a brave one year battle with severe health issues. Ken retired in 1992 after over 34 years of service in Manufacturing at Downey and the Kennedy Space Center. He is survived by his loving wife, Billie Jo (BJ), also an NAA/Rockwell retiree.

SHELTON, JAMES M., 85 – passed away on March 6, 2007 in Torrance, CA. James served for over 30 years with North American Rockwell, primarily in the Tooling Inspection Department. He was a Dixieland jazz trombonist and performed all over Southern California.

SOKOLSKY, ARLENE L., 85 – died on April 9, 2007 in Torrance, CA after a long battle with heart issues. Arlene served for several years in NAA Materials at LAD. She is survived by her husband of 60 years, Oliver. He is also an NAA retiree.

STARR, CHAUNCEY, Ph.D., 95 – a pioneer in nuclear energy, died at his home in Atherton, CA of congestive heart failure on April 17, 2007. Dr. Starr still came to work six days a week at the Electric Power Research Institute, a non-profit consortium that he founded, until the day he died. A scientist on the Manhattan Project during WWII, he joined NAA in 1953 and became president of Atomics International. He visualized that within a span of 50 years, it was conceivable that a major portion of the heat and electricity required for cities would be provided by nuclear power plants. He is survived by his wife of 69 years, Doris.

WILSON, WILLIAM “BILL” H., 82 – of Columbus, Ohio died on April 26, 2007 as a result of injuries sustained falling down a staircase. Bill joined NAA/RI in 1950 and after a sterling career retired in 1986. His wife of 58 years, Nancye, survives him.

WOOLSTON, FRANCIS J., 71 – died on October 28, 2006 from undisclosed causes. Frank was a self-taught electronics design engineer working for NAA/RI/Boeing for over 35 years. His wife of 45 years, LaVerne, survives him.

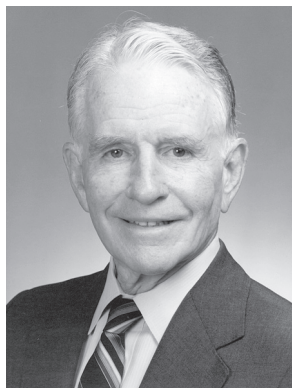
LOST SHEEP – BULLETIN RETURNED WITH NO FORWARDING ADDRESS

DONALD R. BYRNES – VISTA, CA

PAX DOMINI SIT SEMPER VOBISCUM

The Silent Majority

by Stan Guzy



MOORE, JOHN R., 91 – a pioneer in inertial navigation, avionics and management systems died at his home in Sherman Oaks, CA. on July 13, 2007. He joined NAA in 1948 and was named President of the Autonetics Division in 1960. During this period, John also served as the first Visiting Associate Professor of Engineering at UCLA. In 1967, with the Rockwell merger, he became President of Aerospace and Systems Group

of NAA/RI with responsibility for major components of the Apollo moon-landing program. He also served in many high-level positions involving corporate ventures. He left Rockwell in 1970 to become Vice President of Subsidiaries at McDonnell Douglas. In his career, he received 25 patents and wrote scores of papers on technical and management subjects. His awards and fellowships are numerous. Gifted with a prodigious memory for quotations and poems, he often wrote them as celebratory gifts for family and friends. He will be sorely missed.

CADE, DALE H., 81 – of Rancho Palos Verde, CA passed away July 26, 2007. He suffered from diabetes and had his left leg amputated earlier in the year. Dale retired from Space Division in 1989 after a 40-year career as a design engineer on the X-15, Space Shuttle and Submersibles. He is survived by his loving wife Ruth.

COLSON, GERALDINE, 86 – passed away on May 25, 2007 in Seattle, WA of pneumonia. She served for more than ten years as a tech writer at Autonetics.

ENNIS, PATSY ANN, 74 – of Desert Hot Springs, CA died on July 3, 2007 at the Odyssey House Hospice in Palm Desert. Her 40 years of service as an industrial engineer included a stint at Rockwell International.

FRUSHON, ROBERT A., 76 – of Prescott, AZ, passed away on June 29, 2007. Bob joined the U.S. Marine Corps in 1950 and served in Korea and Vietnam. He was the team captain for the Marine Corps Pistol and Rifle Team for 15 years. He retired from Rockwell International in 1990 as an aerospace engineer assigned to the B-1 Simulator. He is survived by his loving wife Barbara.

GOODIN, VAUGHN L., 84 – of Long Beach, CA passed away on July 28, 2007. Vaughn came into the aviation industry when as a young man he was given a ride while hitchhiking by the Chief Engineer of the Vultee Aircraft Co. in Downey. Starting as a draftsman, he advanced to electrical engineer and supervisor. He subsequently, transferred to NAA in Downey and was assigned to the Navaho, Hound Dog, Apollo and Space Shuttle programs. Besides serving at Downey and Seal Beach, he also worked at Edwards AFB, KSC, and the Redstone Arsenal in Huntsville, AL. He retired in 1978 after 27 years of service. Vaughn is survived by his loving wife Margie Mae.

GUERRA, EDWARD, 77 – died on May 13, 2007 of undisclosed causes at his home in Hemet, CA. Eddie served at Space Division as a draftsman for 25 years.

HALDERMAN, RICHARD C., – died of a congestive heart failure on June 4, 2007. Dick was a computer analyst and systems specialist at Autonetics. He is survived by his loving wife of 39 years, Betty Jo.

KELLEY, O. HAROLD, – died on November 19, 2006 from congestive heart failure in Columbus, OH. Harold retired from the Logistics Department at the Columbus Aircraft Division in 1976 after 35 years of service. He is survived by his wife Arlene, who is also an NAA retiree.

LARSON, RAY F., 86 – passed away on July 16, 2007 at home in Fullerton, CA after a brave battle with cancer. He and his wife, Pat, had just celebrated their 57th wedding anniversary on July 8, 2007. Ray served in many key engineering positions, including Program Manager for the Apollo-Soyuz project. He retired from Space Division in 1986 after 30 years of service.

LOVATO, RUDOLPH, 75 – of Orange, CA, passed away on June 29, 2007 of complications from Parkinson's disease. Rudy joined Autonetics in 1959 and retired in 1990 after 31 years of service. He worked on several programs, including Minuteman and Peacekeeper. He is survived by his wife of 45 years, Margaret Anne.

MALMUTH, NORMAN D., Ph.D., 76 – passed away at home on July 3, 2007 from complications of a long illness. He was an active leader in the fields of applied aerodynamics and fluid dynamics for over 45 years. He joined NAA in 1956. He received many awards, honors, and commendations for his technical expertise, the author of 120 publications, and held several patents. He is survived by his wife Constance.

McCLEARY, RALPH W., JR., 85 – of Rancho Palos Verdes, CA died of prostate cancer on November 22, 2006. He joined LAD as an assistant to Ralph Ruud. Ralph transferred to Space Division and served in Manufacturing and Facilities for 43 years before retiring as a supervisor in the Sheet Metal Department. He is survived by his wife Shirley.

MESSBARGER, FRED V., 75 – passed away on July 21, 2007 in Torrance, CA. Fred was a reliability engineer on the Apollo and Space Shuttle programs for over 30 years when he retired from Rockwell. He is survived by his loving wife Vivian.

MICHALIK, TED, 82 – passed away on July 27, 2007 in Norwalk, CA of stomach cancer. Ted retired from Space Division in 1986 after 32 years of service. He was a dynamics engineer assigned to the POGO problem on the Saturn V vehicle, and subsequently on the Space Shuttle program.

MILLER, AMENZO D., 91 – died from a heart attack on March 19, 2007. Amenzo resided at the Canyon Hills Club in Anaheim Hills, CA.

ROBERTSON, MAURY L., 95 – died in San Diego, CA on June 10, 2007. Maury retired as an Inspection supervisor at LAD in 1967. He is survived by his wife Velma.

SCIACIA, ANGELO A., 77 – of Reno, NV died in a single car accident in Gardnerville, NV. He retired from Planning at Space Division.

STACEY, RICHARD A. "DICK", 87 – passed away on July 24, 2007 in Tyrone, NM. He was a member of the North American Flying Horsemen and retired from LAD in 1977 after 40 years of service in Facilities Engineering. He is survived by his wife Elizabeth.

STEPHENSON, WILLIAM I. “BILL”, 76 – died in Mission Viejo, CA on June 19, 2007 of cardiac arrest. Bill worked at Autonetics on the subcontract management team for the Peacekeeper Project for over ten years before retiring in 1993. He is survived by his wife Carol.

STEWART, JOHN H. “JACK”, 86 – of Hawthorne, CA, succumbed on May 20, 2007 of complications following leg surgery. Jack joined NAA/LAD after a stint in the Air Force and retired from Tooling Engineering in 1980 after 33 years of service.

SUPONCHICK, KENNETH R., 88 – passed away on April

25, 2007 in Hemet, CA. Kenny joined NAA in 1940 and retired in 1979 after 38 years of service at LAD as an Inspection supervisor. He is survived by his loving wife Irene,

WIDENHOEFER, JOHN G., 82 – of Yuma, AZ passed away at home of a possible stroke on October 18, 2006. John retired from LAD in 1984 after 31 years of service.

WILSON, E. A. “GENE”, 81 – of Camp Verde, AZ, passed away on April 5, 2007 after a long illness. Gene came to LAD in 1950 as a manufacturing engineer and retired in 1986 after 35 years of service. He is survived by his loving wife of 56 years, Shirley.

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PAX DOMINI SIT SEMPER VOBISCUM

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A Wake Up Call from Luke AFB, Arizona

Luke AFB is west of Phoenix and is rapidly being surrounded by civilization that complains about the noise from the base and its planes, forgetting that it was there long before they were.

A certain lieutenant colonel at Luke AFB deserves a big pat on the back. Apparently, an individual who lives somewhere near Luke AFB wrote the local paper complaining about a group of F-16s that disturbed his/her day at the mall. When that individual read the response from a Luke AFB officer, it must have stung quite a bit.

The complaint:

“Question of the day for Luke Air Force Base: Whom do we thank for the morning air show? Last Wednesday, at precisely 9:11 a.m., a tight formation of four F-16 jets made a low pass over Arrowhead Mall, continuing west over Bell Road at approximately 500 feet. Imagine our good fortune! Do the Tom Cruise-wannabes feel we need this wake-up call, or were they trying to impress the cashiers at Mervyns early bird special? Any response would be appreciated.”

The response:

Regarding “A wake-up call from Luke’s jets” (Letters, Thursday): On June 15, at precisely 9:12 a.m., a perfectly timed four-ship flyby of F-16s from the 63rd Fighter Squadron at Luke Air Force Base flew over the grave of Capt. Jeremy Fresques. Capt. Fresques was an Air Force officer who was previously stationed at Luke Air Force Base and was killed in Iraq on May 30, Memorial Day. At 9 a.m. on June 15, his family and friends gathered at Sunland Memorial Park in Sun City to mourn the loss of a husband, son and friend. Based on the letter writer’s recount of the flyby, and because of the jet noise, I’m sure you didn’t hear the 21-gun salute, the playing of taps, or my words to the widow and parents of Capt. Fresques as I gave them their son’s flag on behalf of the President of the United States and all those veterans and servicemen and women who understand the sacrifices they have endured. A four-ship flyby is a display of respect the Air Force pays to those who give their lives in defense of freedom. We are professional aviators and take our jobs seriously, and on June 15 what the letter writer witnessed was four officers lining up to pay their ultimate respects. The letter writer asks, “Whom do we thank for the morning air show?” The 56th Fighter Wing will call for you, and forward your thanks to the widow and parents of Capt. Fresques, and thank them for you, for it was in their honor that my pilots flew the most honorable formation of their lives.



Lt. Col. Scott Pleus, CO 63rd Fighter Squadron, Luke AFB

The Silent Majority

by Stan Guzy

ADAMS, JOHN T., 91 – passed away peacefully at home in Hermosa Beach, CA on October 14, 2007. He retired in 1979 from LAD after 41 years of service as a military contract negotiator. His loving wife, Maxine, survives him. When John turned 90, he was asked for wisdom. He replied, “To love and to be loved.”

ARPEA, ERNEST D., 85 – of Torrance, CA, passed away on June 3, 2007 from complications of heart failure. Ernie served as an engineer in the metals analysis group of Quality Control at LAD before he retired in 1990 with 35 years of service. His loving wife Sachiko survives him.

BALDUCCI, JOHN, 74 – died of liver cancer on September 13, 2007 with his family at his bedside. John was employed at the Autonetics Division for 29 years. His beloved wife Marie preceded him in death.

BRASKAMP, LEON, 78 – of Placentia, CA passed away on September 7, 2007. Leon joined NAA in Downey and retired from Autonetics in 1984 with 36 years of service.

BROWN, DALE L., 92 – passed away quietly at home in Rossmoor, CA on September 21, 2007. Dale accepted a position on the Technical Staff with the Aerophysics Laboratory of NAA, which later became the Autonetics Division. Dale worked on experimental radar, weapons systems and systems integration on the Apollo Program before retiring in 1975.

BROWN, VERA T. “GIGI”, 92 – died on September 22, 2007 in Rosamond, CA. Vera was the first woman to be hired by NAA at Plant 42 in Palmdale in 1951. She was secretary to Richard Stacey in Engineering Flight Test Operations at Palmdale and at EAFB. Vera retired after 27 years of service. She was a president of the National Secretary Association and an active member of the Rockwell Retiree Golf Club.

CHESTER, LEONARD, 93 – passed away on June 2, 2007 at Cherrywood Village Retirement Center in Portland OR from complications attributed to aspirational pneumonia. He joined NAA in 1940 and worked in manufacturing engineering, and engineering management when the P-51 Mustang was in production. He worked on many NAA/RI programs and also worked in Tulsa on the Boeing 747 aircraft before retiring in 1974. His loving wife Virginia preceded him in death.

DAO, LAP, 62 – a resident of Tustin, CA passed away suddenly on September 13, 2007. Before retiring Lap had worked at NAA/RI for many years in the Logistics Engineering area. His wife Lyn Ngo survives him.

DONATONI, LINO, 91 – died on August 3, 2007 from undisclosed causes. Lino had served as Manager for Transportation and Traffic at NAA/RI in El Segundo prior to retiring after 47 years of service. He leaves behind his loving wife of 21 years, Elsie Wagner.

DOWNIE, WILFRED J., 97 – passed away in late 2006 in Vancouver, BC. He started at LAD in communications, navigation and avionics engineering in the 1940s and transferred to Autonetics in the 1960s where he worked in avionics engineering until he retired in the 1970s.

GARCIA, GILBERT “GILBY”, 73 – died in Long Beach, CA on October 9, 2007. He retired from Rockwell in 1990 after 27 years of service. In his free time, Gilbert taught ballroom dancing and golf. His loving wife Yolanda survives him.

GASPER, RICHARD “PARKER”, SR., 80 – of Long Beach, CA, passed away on October 19, 2007 of complications related to diabetes. Parker served at Autonetics for 30 years before retiring.

GIBB, JOHN W., 88 – died at his home in Claremont, CA on November 8, 2007. John joined NAA at LAD in 1949 where he rose to management of the X-15 propulsion systems design. He transferred to the Space Division in 1961 to head up the Apollo Reaction Control System design and later, the management of the Space Shuttle Orbiter Environmental Control and Life Support Systems. He was highly respected, both as a man and as an engineer.

HELSEL, RONALD W., 82 – passed away on August 17, 2007 from undisclosed causes. With a UCLA engineering degree Ron went on to have a long and distinguished career at the Rocketdyne Division of NAA/RI before retiring after 40 years of service. Colleen, his wife of 61 years, survives him.

HONSLER, RICHARD “DICK”, 73 – passed away in Reno, NV on March 8, 2007. Dick worked in LAD Tooling. He retired in 1987 after 25 years of service. His loving wife Mary survives him.

HOSE, ROBERT L. “BOB”, 79 – of Torrance, CA, died on July 15, 2007 of heart failure. Bob retired as a shop supervisor from the LAD Tooling Department in 1987 after 41 years of service. His loving wife Sivan survives him.

KELLER, GERHARD R., 76 – of Rancho Palos Verdes, CA, died on July 27, 2007. A graduate of Ohio State University, Gerhard joined NAA at El Segundo in 1956 and served there for 30 years. His wife Kathy survives him.

LARSON, W. HAL, 90 – of Pasadena, CA, Bulletin returned stamped “Deceased”. Hal died as a result of a fall. He served as an electrical engineer at LAD and Space Division for over 20 years before retiring in 1972. His wife Miriam survives him.

LONG, JAMES, 87 – passed away in Lawndale, CA on September 11, 2007. Jim rose above the harshness of a childhood raised in an orphanage during the Depression and obtained a scholarship to the Colorado State College of Mines in Greeley, CO. He joined NAA in 1940 as an inspector and worked his way up to management in charge of Product Inspection Quality Control on the Apollo program at Downey. He retired in 1980 after 40 years of service.

MAIER, WESLEY H., 91 – died on August 30, 2007 in Temecula, CA. Wes worked in the Long Beach shipyards during World War II. He joined NAA at LAD as an electrical design specialist, eventually transferring to Rocketdyne where he worked on the electrical circuitry for the Mercury rocket engines. His wife Hilda survives him.

MARTIN, ENID P., 86 – passed away peacefully on August 13, 2007 from undisclosed causes. Enid had been Executive Secretary to the President of NAA/RI Autonetics Division, retiring in 1983 after 33 years of service. Norman, her devoted husband preceded her in death.

MITCHELL, EDWARD E., “ED”, 82 – died in Long Beach, CA on October 8, 2007. Ed retired from Assembly Tooling at LAD in January 1988 after 41 years of service. Ed’s health had been failing having had three bypass surgeries. His wife Ellan survives him.

MOODY, SAMUEL P., 76 – died of a brain tumor on November 1, 2007 at home in Desert Hot Springs, CA. Sam joined NAA at KSC in 1958 as part of the Apollo ECS Test and Checkout team. In 1971, he transferred to Space Division to work on the Space Shuttle Orbiter Environmental Control and Life Support systems. In 1981 he went to Vandenberg AFB to help prepare a Shuttle Launch Facility and in 1986 he returned to Downey to work on the Strategic Defense Initiative (Star Wars Program). He retired in 1992 after 36 years of service. He is survived by his wife Marie.

OKUDA, JACK H., 76 – of Los Angeles, CA, died on May 7, 2007 of lung cancer. He joined NAA at LAD and retired from Space Systems Division in Downey as the project lead and manager of the Rockwell Technical Information System (RTIS), the library database system, in 1993. His loving wife Sakae survives him.

OLIVARES, WILLIAM R., 91 – passed away on September 22, 2007 at home in San Juan Capistrano, CA of prostate cancer. Bill started at NAA at LAD in 1937. He retired as supervisor in the Sheet Metal Department in Downey in 1977 after 40 years of service.

PARKER, JACK D., 66 – passed away in Beverly Hills, CA on June 18, 2006 from complications of a kidney failure. Jack retired in 1985 after 30 years of service. He was a machinist in the “Jig Bore Room” in Tooling Building 101. His loving wife Sue survives him.

PORRECA, WILLIAM R., 72 – passed away on September 1, 2007 from undisclosed causes. He had worked for NAA/RI for many years before retiring. Josephine, his wife of 46 years, survives him.

PROVOST, RALPH C., 80 – passed away peacefully on September 16, 2007 after battling lung and bone cancer for the past year. He was a long time resident of Tustin, CA and worked in Engineering and as a Contracts Specialist for NAA/RI for 35 years before retiring in 1986. He is survived by his wife of 53 years, Connie.

RITCH, HERALD L., 87 – of Hawthorne, CA, passed away on October 5, 2007 of natural causes. Herald enlisted in the Army before Pearl Harbor and served as a drill sergeant at Fort Ord, CA. After being discharged, he joined North American Aviation.

SAINDON, DONALD, 77 – Don passed away on September 13, 2007 from undisclosed causes. He had been a resident of Long Beach, CA for 45 years. He retired from NAA/RI as Assistant Division Director of Material after 29 years of service, which included serving as the Lead Negotiator for NAA/RI in the purchase of the Boeing 747, which was used to ferry the Shuttle Orbiter from Edwards AFB to the launch facility in Florida. His wife, Rose Marie, preceded him in death.

SENER, JOHN F., JR., 85 – a resident of Northridge, CA passed away on September 10, 2007 from undisclosed causes. A mechanical engineering education enabled John to have a successful career in the aerospace industry. He retired from NAA/RI several years ago. John had also been an ordained minister and is survived by Nancy, his wife of 54 years.

SHERMAN, JOHN R. “JACK”, 77 – passed away in Rocklin, CA on October 31, 2007. Jack worked in Contracts and Purchasing at LAD and Rocketdyne before retiring in 1990 with 25 years of service. He is survived by his wife Joyce.

SMITH, WALTER D., 81 – a long time resident of Lomita, CA, Walter died on October 2, 2007. After service in the Army, Walter retired from North American Rockwell after more than 40 years of service. He was a lifelong Corvette lover and motorcycle enthusiast. His wife Maria survives him.

SNELGROVE, TOD, 88 – passed away in Torrance, CA on August 17, 2007 after a brief illness. He joined LAD in 1937 and served for 35 years before retiring from Space Division in 1979.

STONE, G. L. “GERRY” – of Grass Valley, CA, passed away on April 14, 2007. Gerry retired from LAD in 1979 after 28 years of service.

MISSING SHEEP, BULLETIN RETURNED, NO FORWARDING ADDRESS

ROBERT L. JOHNSON – SAN CLEMENTE, CA

LLOYD C. COOK – BANNING, CA

PAX DOMINI SIT SEMPER VOBISCUM

The Press vs. The Generals

In view of the recent actions by the Congress and the Press in calling General David Petraeus a liar, the following seemed fitting.

“It appears we have appointed our worst generals to command forces, and our most gifted and brilliant to edit newspapers. In fact, I discovered by reading newspapers that these editor/geniuses plainly saw all my strategic defects from the start, yet failed to inform me until it was too late. Accordingly, I am readily willing to yield my command to these obviously superior intellects, and, I will, in turn, do my best for the Cause by writing editorials—after the fact.”

—Robert E. Lee, 1863



A Bald Eagles Inc. Publication

NORTH AMERICAN AVIATION *Retirees Bulletin*

Summer 2007

Inside:

THE NAVAHO PROJECT

– A LOOK BACK

by James Gibson

THE X-15 AND ITS PEOPLE

– PART I

by Cleve Kimmel

BALD EAGLES 45TH

REUNION PHOTOS

by Lee French

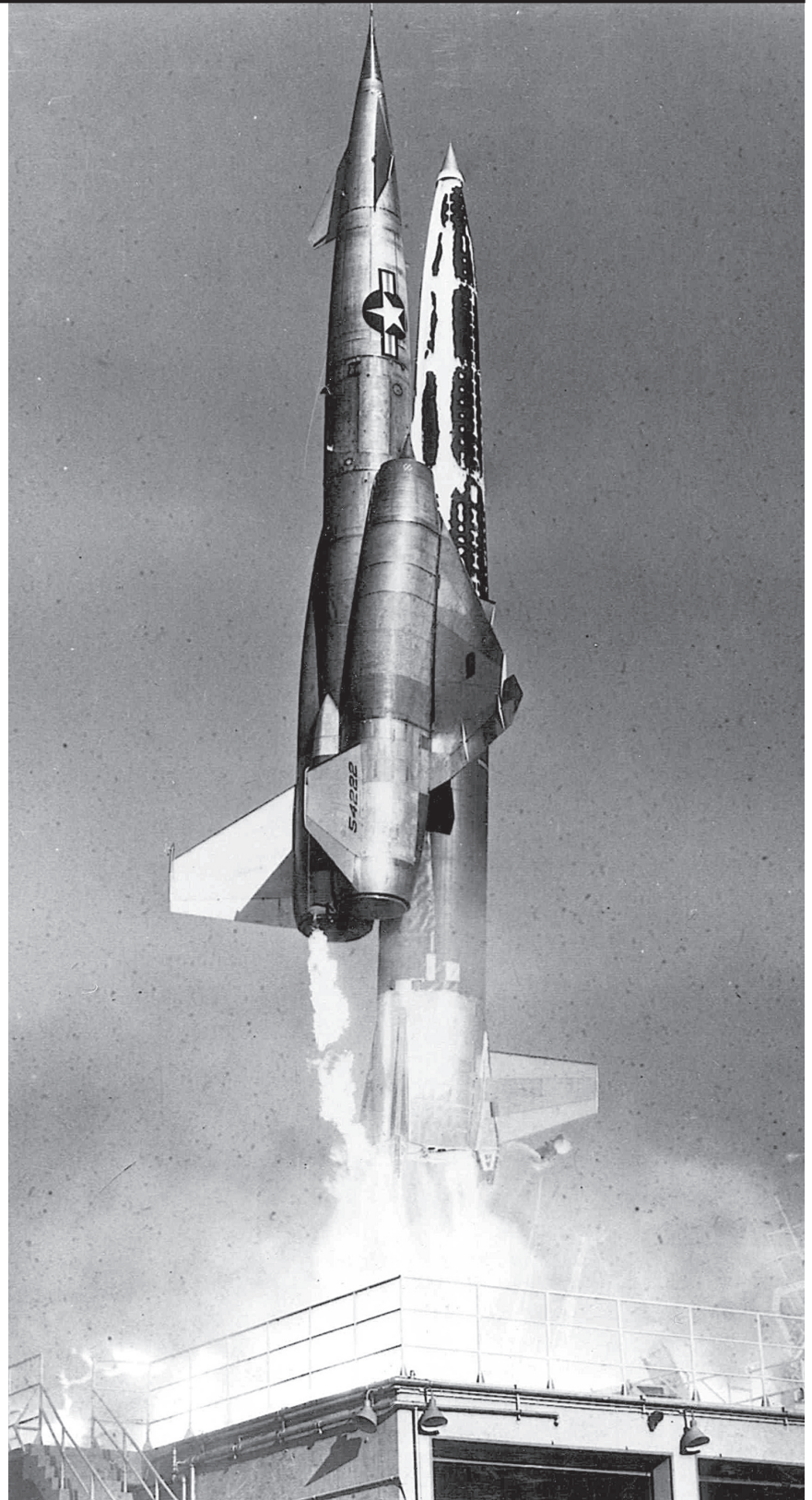


Photo from the James Gibson Collection

Fifty years ago, on July 13, 1957, the Air Force cancelled the Navaho program. Although cancelled, the Air Force agreed to five more G-26 launches to gather data on the high environment encountered at Mach 2.75. These flights were known as the Fly-Five Series. After completion of these flights, the Air Force authorized the RISE (Research Into Supersonic Environment) program to expend the remaining G-26 missiles. The second flight of the RISE program occurred on November 18, 1958. Missile G-26 No. 4 (s/n 55-4222) and Booster No. 4 were successfully launched but the vehicle broke up at 77,000 feet. This was the last G-26 launched and the RISE program was cancelled.



A Bald Eagles Inc. Publication

NORTH AMERICAN AVIATION *Retirees Bulletin*

Spring 2008

Inside:

BIRTH OF THE HOUND DOG by Ellis Katz

RECOLLECTIONS OF THE HOUND DOG by Ben Boykin

THE MANNED SCRAMBLE TO ORBIT by David Stern

"OLD LUCKY" by Clayton Kelly Gross



Photo from the Dr. Clayton Kelly Gross Collection

Considering himself very lucky and backed by a lot of prayer and a guardian angel, Clayton Kelly Gross stands in front of his P-51 Mustang which he flew with the 354th Fighter Group—the Pioneer Mustang Group. During his two tours of duty in the ETO—flying 105 combat missions with 6 air victories, a 1/2 probable and 2 destroyed on the ground—Kelly was assigned the P-51A, B, C and D models.

The Silent Majority

by Stan Guzy

ARTHUR, DOROTHY W., 89 – passed away following an illness on November 29, 2007. She had been a winning athlete in track and field events, softball and volleyball in her hometown of Chicago, IL. She moved to Buena Park, CA with her family in 1956 and went to work at Autonetics as an inspector and lead person for 30 years before her retirement.

BAUDER, BAIRD T., 89 – of Irvine, CA died on November 6, 2007 of undisclosed causes. He had served as an engineer at NAA/RI.

BEAVERS, WILLIAM “BILL”, 76 – a resident of Corona, CA, passed away on December 6, 2007. He was an electronics engineer with 41 years of service when he retired from NAA/RI.

BONINI, DOROTHY A., 80 – of San Juan, Capistrano, CA died December 31, 2007 of undisclosed causes. She had been an employee of NAA/RI for 28 years.

BROWN, RICHARD W., – died on January 29, 2008 at the St. Rose Dominican Hospital in Henderson, Nevada. He was the Manager of Material Preparation and Kitting at the time of his retirement from Space Division. He served with distinction through many of the major space programs. He was respected for his caring management style and his never-ending support of his team. Richard is survived by his loving wife Esther.

BUCK, EARL A., – passed away on November 2, 2007 from lung cancer in Medford, OR. Earl worked at the Space Division on the Apollo Project in the Quality Control section. He retired in 1995 and is survived by his wife Shirley who is also an NAA/RI retiree.

CASSIDY, PETER M., 71 – died of cancer on October 28, 2007 in Rancho Cordova, CA. Peter's family lived just outside of Hickam Field and Pearl Harbor on December 7, 1941. Peter retired from Rockwell after 35 years of service as a field rep. He is survived by his wife of 45 years, Betty.

DAHM, WERNER K., 90 – of Huntsville, AL passed away on January 17, 2008. He was the last of the original team of German rocket scientists to retire from NASA at 89. Werner served as chief of the Aerophysics Division at the Marshall Space Flight Center and later as chief aerodynamicist. His work as a rocket pioneer provided a valuable contribution to this nation's ballistic missile programs and manned space flight.

DE BARRO, HENRY J., 86 – of Marina Del Rey, CA succumbed to a long and painful illness on December 10, 2007. He was an accomplished engineer and participated in such programs as the Concorde, the Space Shuttle, and the B-1B prior to his retirement at the age of 80. He is survived by his devoted wife Erna.

FARRELL, LAURA R., 88 – died on July 12, 2007 in Hesperia, CA. Laura served as a labor relations representative at North American/Rockwell. She was a member of the Hesperia Art Club and the Leisure League.

FLOWERS, EMMA “LUCILLE”, 88 – of Quail Valley and Canyon Lake, CA died in Murrieta, CA on January 15, 2008 of congestive heart failure. Lucille retired from Space Division in 1972 to care for her ailing husband, Neely. She provided loving care for the next 13 years until his death in 1985. She is survived by her daughter Sonnie K. Robertson, son-in-law Lou Tiberio, and sister G. Maxine Preston, all three retirees of NAA/RI.

FUNKE, FRANK E., JR., 84 – passed away on November 14, 2007. His career included stints with other companies before he joined NAR/RI. He worked on the Minuteman, Apollo projects, and his favorite, the B-1 Bomber. During this period he also managed to earn a MBA in Electrical Engineering from USC.

GASPER, RICHARD “PARKER”, SR., 80 – passed away in 2007 from complications related to diabetes. In 1952, with a degree in Mechanical Engineering, he went to work at NAA and then transferred to Autonetics where he had a distinguished career.

GEHRING, RICHARD W. “DICK”, 80 – of Upper Arlington, OH died on December 3, 2007. A graduate of Tri-State University in Angola, IN, Dick served at the Columbus Division for 35 years, retiring in 1990. During his career, he authored and presented numerous papers related to aerospace structural research. He is survived by his loving wife of 59 years, Ellen.

GRAVES, WILLIAM E. “TED”, 86 – passed away on December 1, 2007 of complications related to surgery for an intestinal blockage. Ted joined NAA in 1946 as an engineer in the Flutter Group at LAD until his retirement in 1983 after 37 years of service. He worked on the X-15, B-70, and Space Shuttle programs and during that period he also earned an MBA from USC. Ted is survived by his wife of 60 years, Marcia.

HALILLIE, GEORGE, 78 – died on November 9, 2007 of kidney failure, two months before his 79th birthday. George joined NAA at LAD in 1955. While in Circuit Design engineering, he worked on the B-70, the X-15, C-17, B-1, and Apollo programs, and, on loan to Boeing, on the 757 program in 1979. George retired from NAA/RI in 1990.

HUNLEY, LAMAR C. “MARK”, 80 – of Bexley, OH died on November 27, 2007. Mark joined NAA at the Columbus Division after graduating from Ohio State University and later retired in 1985. He is survived by his wife of 56 years, Nancy.

HUNT, RICHARD J., 73 – passed away on November 15, 2007 from undisclosed causes. With a BS in Engineering he spent 30 years in the aerospace industry before retiring from NAA/RI/Boeing. His beloved wife Deanna survives him.

JEPSON, ARTHUR C., 87 – passed away on May 3, 2007 in Laguna Beach, CA. He joined LAD as an Environmental Control Systems engineer and retired from the ECS group in Downey in 1981 after 32 years of service.

LARSON, W. HAL, – the Fall Issue of the Bulletin returned marked “Deceased”. No further information available.

LINDSDAY, THOMAS H. “TOM”, 73 – died on February 4, 2008 in Colorado Springs, CO from complications following emergency surgery. Tom was manager of Space Shuttle Logistics Engineering when he retired in 1989 after 30 years of service. He is survived by his wife of 51 years, Jan.

MARTIN, ENID P., 86 – passed away peacefully on August 13, 2007. Enid was the 1939 Rocky Mountain Region's Typing and Stenography Champion. She was the Executive Secretary to the President of the NAA Autonetics Division. She retired in 1983 after 33 years of service. Enid's husband Norman preceded her in death.

McWILLIAMS, DONALD R., 82 – former resident of Placentia, CA died on January 10, 2008 in Athens, Georgia from undisclosed causes. He retired from NAA/RI Autonetics Marine Group in 1989 after 35 years of service.

NORDSTEN, RALPH W., 90 – died of congestive heart failure in Westchester, CA on February 18, 2008. Ralph retired as supervisor on the Sabreliner flight line in 1978 after 32 years of service. He is survived by his loving wife Florence.

PINKERTON, DALE K., 73 – passed away on December 24, 2007 in Riverside, CA. Dale served as an engineer at Autonetics for over 30 years before retiring in 1991. Burial was at the Riverside National Cemetery. He was preceded in death by his wife, Bette.

ROBERTSON, JAMES A. “ROBBIE”, 81 – passed away in Culver City, CA on December 25, 2007 from complications of a long illness. Robbie joined NAA/LAD in the Tool and Die Department in 1946 and retired in 1976 as a senior design engineer in Armaments. An accomplished entomologist, he was known around the facility as the “bug man”. In this capacity, he was affiliated with the LA Museum of Natural History and the Smithsonian Institution. He is survived by his loving wife of 61 years, Donna.

ROSSI, NORM, 83 – passed away from undisclosed causes in Minden, NV in March 2007. He retired from LAD after serving many years in the B-1 Purchasing Department. His loving wife of 63 years, Myra survives him.

SAUNDERS, ROMAINE “SANDY”, JR., 87 – died peacefully in Riverside, CA on November 17, 2007. Sandy served at Rockwell for 26 years as an electronics engineer. He is survived by his wife of 62 years, Roberta.

SCHULZ, HERB – of Torrance, CA, passed away on July 8, 2007. Herb retired from the Experimental Department in 1959 after 18 years of service. He is survived by his wife Mildred.

SUGAMURA, TOM M., 78 – of Los Angeles, CA passed away on September 29, 2007 after a long and heroic battle with thyroid cancer. Tom retired from the Los Angeles Division in 1990 after 37 years of service as an electrical engineer. He enjoyed his retirement playing golf and meeting with other retirees for breakfast periodically in Long Beach. He is survived by his loving wife Terry.

SWEET, HARRY E., 87 – passed away in Granada Hills, CA after a brief illness on July 3, 2007. Harry retired from LAD in 1978 after 28 years of service as an engineer on the Crew Escape Systems.

TERRY, PAUL A., 81 – of Hemet, CA passed away on December 26, 2007. Paul served in the Army in WWII and retired from NAA/RI in 1986 after many years of service. He is survived by his longtime companion Nita Dona.

THRESH, JAMES L., 87 – passed away on November 14, 2006 at his home in Long Beach, CA. Jim’s career spanned 34 years with NAA/RI beginning in 1941 at LAD. He worked in various locations in Southern California and for 12 years was the manager of Quality/Reliability Assurance at the Autonetics Navigation Systems Division. Prior to his retirement in 1975 he was the Corporate Manager for Quality Assurance Western Region.

TRIAY, ALLEN C., 90 – passed away on December 8, 2007 of natural causes. Allen was employed at the Autonetics Division for 20 years. He worked on a variety of projects including the Minuteman missile and NASA space programs. Allen is survived by his wife of 60 years Paulette.

TUMA, CHARLES A., 96 – of Anaheim, CA passed away on November 14, 2007 from undisclosed causes. Chuck worked at NAA/RI until his retirement. He was inducted into the Orange County Bowling Hall of Fame in 1991, a most happy moment for him. He is survived by his wife Marian.

WINCHESTER, W. C. “CLYDE”, – of Long Beach, CA died of a sudden heart attack on June 5, 2007. Clyde worked in the Fuel Systems group on the B-70 and B-1 prior to his retirement in 1986 after 37 years of service. His wife Shirley survives him.

WOLFENSTEIN, BARTLEY “BOB”, 78 – of Buena Park, CA passed away on November 27, 2007. Bob served in Downey in Reliability Engineering for 38 years before retiring in 1985. Bob was very severely wounded during the Korean War but he never let his injuries detract him from a full life. He was a good friend. He is survived by his loving wife Blancha.

LOST SHEEP, BULLETIN RETURNED, NO FORWARDING ADDRESS

GERALD G. BROWN – ANAHEIM, CA

JACK L. BURNSIDE – LANCASTER, CA

LLOYD C. COOK – BANNING, CA

KARL R. EBY – COLUMBUS, OH

GEORGE F. FARHAT – GREEN VALLEY, AZ

DONALD L. KOONS – RANCHO PALOS VERDES, CA

GEORGE A. MARTA – MOJAVE, CA

COL. SANDY SANBORN – BANNING, CA

PAX DOMINI SIT SEMPER VOBISCUM

The Silent Majority

by Stan Guzy



LOW, G. DAVID, 52 – a NASA Astronaut who flew three space shuttle missions and later became an executive in the aerospace industry died of colon cancer on March 15, 2008 at Reston Hospital Center near his home in Sterling, VA. Low received a BS degree in Physics-Engineering from Washington & Lee University in 1978, a BS degree in Mechanical Engineering at Cornell University in 1980, and an MS Degree in Aeronautics and Astronautics from Stanford University in 1983. He joined the Jet Propulsion Laboratory until he was selected as an astronaut candidate in 1984. He held a variety of technical assignments including spacecraft communicator (CAPCOM) during the STS-26, -27, -29, and -30 missions. Low logged over 714 hours in space, including nearly six hours on a spacewalk. He was a mission specialist on STS-32 and STS-43 and a payload commander on STS-57. In 1996, he left NASA to pursue a career with Orbital Sciences Corporation. George David Low was destined to achieve. His father was George M. Low, the NASA director who suggested to President John F. Kennedy in 1960 that an astronaut could walk on the moon within the decade. Dave is survived by his wife of 15 years, JoAnn.



PARISE, RONALD A., Ph.D, 56 – the former space shuttle payload specialist died on May 9, 2008 at home in Silver Springs, MD after a three-year battle with brain cancer. An astronomer and computer specialist, Dr. Parise was one of the developers of the Ultraviolet Imaging Telescope. He logged more than 614 hours and 10.6 million miles in space flew on two space shuttle missions, STS-35/Astro-1 in 1990 and STS-67/Astro-2 in 1995 that used the Telescope to study stars and other celestial objects. He was supporting the Goddard Space Flight Center in the area of advanced spaceflight communications. He is survived by his loving wife Cecelia.

AGUILAR, HENRY V. "HANK" – of Lancaster CA passed away on February 28, 2007. Hank served for 33 years in Logistics before he retired from LAD in 1990. He also served in Downey on the Saturn and Apollo with assignments in Compton, Seal Beach, Lakewood, Palmdale, Edwards AFB, and Bay St. Louis, MS on the shuttle engines. He is survived by his loving wife Martha, also an NAA/Boeing retiree.

BARRIS, VICTOR, 80 – of Torrance, CA passed away on January 13, 2008. Vic was a tool designer at the LAD facility. He designed tools for many NAA/RI programs and retired in 1962 after 35 years of service. His loving wife Marina survives him.

BARRON, ROBERT H., 84 – aerospace executive, beloved father and devoted husband, died on January 5, 2008. A graduate of the University of Arkansas with degrees in Mathematics and Business Administration, Bob began his career with Northrop Aircraft before joining NAA in Downey, CA. At the Space Division he served as the Chief of Apollo Program Control. He was then transferred and promoted to the Tulsa Division as the Manager of Technical Operations. After several successful years he was transferred back to the West Coast to serve as the Director of Technical Operations on the B-1 Program at the Los Angeles Division. He served in that capacity until his retirement with over 34 years of service. Bob's wife of 57 years, Nadene, preceded him in death.

BLAZER, WILLIAM W., – reminder card returned marked "Deceased". He retired from NAA/RI Space Division in 1989 after 25 years of service.

BOTT, GERARD R. "JERRY", 76 – died of cancer on February 25, 2008 at his residence in Columbus, OH. Jerry served over 10 years

in the Facilities Department at the NAA Columbus plant where he was in charge of all equipment and supplies.

CLAYTON, NAOMI C., 72 – died in Murrieta, CA on December 11, 2007. Naomi served for most of her adult life at Autonetics.

COMBS, JOHN, 91 – passed away on March 11, 2008 in his sleep at home in Irvine, CA. He served at LAD for 23 years, primarily in Finance.

CORTES, GEORGE, 70 – of Orange, CA died on January 17, 2008 after a long illness. George was a supervisor for the Shuttle Orbiter Ascent and Entry Systems. He is survived by his wife Thelma.

COUTURE, LEIGHTON J., 90 – passed away on November 27, 2007 in Lakewood, CA. He joined Autonetics in the late 1950s and used his extensive math skills as a cost analyst on military and space contracts. He retired with 25 years of service.

DENNIS, ROBERT F. "BOB", 75 – passed away in Lakewood, CA on March 11, 2008 from complications of Parkinson's disease. Bob retired from Space Division as a night manager in 1990 after 30 years of service in Manufacturing at Downey, Palmdale and KSC. He is survived by his loving wife of 52 years, Mary.

DESKO, ALICE E., 89 – passed away at her home in Kansas City, KS on April 11, 2008. She met and married Harry Desko during the war while they both were working at the NAA-K Bomber Plant in Fairfax, KS. They were instrumental in having a monument for the Bomber Builders erected at the Wyandotte County Historical Museum and in having a yearly reunion of all those that were associated with the B-25 production at NAA-K. She is survived by her loving husband of 65 years, Harry.

DOMINE, JAMES B. "JERRY", 80 – died on April 16, 2008 from undisclosed causes. Jerry worked for NAA at the Los Angeles division and moved to the valley area when Rocketdyne relocated to Canoga Park, CA. Jerry's wife of 56 years, Jean survives him.

DRAKE, DAVID F., 78 – a resident of Anaheim, CA passed away on December 17, 2007 from undisclosed causes. He had worked as an industrial photographer at NAA/RI for 16 years. He is survived by his caring wife, Linda.

ELWELL, MARGARET A., 77 – of Bullhead City, AZ died on February 14, 2008. She had worked at NAA/RI Autonetics for 20 plus years. Margaret is survived by her husband of 58 years, Roy Elwell, Jr.

FELDKAMP, ARA – of Thousand Oaks, CA died on June 22, 2007. Ara retired from LAD in 1969 with 20 years of service.

GAUTHIER, ARRESTIDE J. "AJ", 88 – gently passed away on March 11, 2008 at his home in Renton, WA after a long battle with pulmonary fibrosis. During World War II, he swam to safety after his troopship was sunk approaching the Philippines. He completed two tours of duty in the Pacific and was severely wounded before returning to civilian life. AJ joined LAD Tooling where he served for 20 years before retiring in 1984. He is survived by his loving wife of 63 years, Jean. She is also a retiree with 31 years of service.

GEORGES, JAMES E., 76 – of Mission Viejo, CA was reported to have passed away on April 11, 2008 after a long illness. Jim had a long career as an electronic and aerospace engineer on the Minuteman Missile Program and other projects with NAA/RI Autonetics Division. He retired in 1995 after 36 years of service and is survived by his loving wife of 54 years, Gwen.

GLAZE, D. L. "DENNY" – passed away on May 2, 2008 at his home in Whittier, CA with his wife, Kathy, at the bedside. Denny had been diagnosed with cancer last year and fought a valiant battle against the disease until his passing. Denny served in Division Transportation management at NAA/RI Space Division until his retirement in 1999 after 28 years of service.

GOMME, GERALD E., 85 – reported to have passed away on

November 9, 2007 from unspecified causes. He was a long time member of the NMA and the Bald Eagles Association. Bulletin records indicate he retired from the Rocketdyne Division in 1978 after 24 years of service.

GOZDUN, LENA F., 78 – died on April 11, 2008 at her home in San Andreas, CA from undisclosed causes. She had worked on the Apollo and Space Shuttle programs until her retirement in 1989. She was preceded in death by her husband of 41 years, Michael.

HARDY, GLENN W., JR., 93 – passed away August 12, 2007 in Tulsa, OK. Glenn began his career with NAA in 1937. In 1946 he moved to the Aerophysics Laboratories in Downey, CA and then in 1961 to the Tulsa Division where he supervised modifications to the Hound Dog Missile and assembly of Saturn V components. Bulletin records indicate he retired in 1981 after 40 years of service.

HARRIS, VAHL E., 71 – lost his battle with leukemia on March 21, 2008. Vahl retired in 1995 after 35 years of service at the NAA/RI Space Division in Downey, CA. He will be best remembered as the supervisor of the Engineering Release Desk during the Shuttle/Orbiter program. He was assisting in the development of new programs when he retired. He was an avid bowler, a biker and a traveler. He leaves his wife of 48 years, Diane.

JACOBSON, RICHARD L., “DICK”, 81 – of Glendale, CA died on October 8, 2007 from heart complications. Dick started at LAD in Field Service on the T-28, F-86 and Sabreliner. His assignments took him to Europe and the Far East. He retired as a tech writer at Rocketdyne in 1991 after 37 years of service.

KERR, DONALD A., 79 – passed away on April 28, 2008 in a Fullerton, CA hospital as a result of complications brought on by COPD. He had been Chief Test/Stress Engineer on the Saturn V and GPS projects at the Seal Beach Facility. Bulletin records indicate he retired in 1989 after 27 years of service. Don is survived by his loving wife of 54 years, Pauline.

MAYNE, DAVID M., 81 – passed away at home in Long Beach, CA of natural causes on February 26, 2008. David served 45 years as a reliability engineer at NAA/Rockwell/Boeing on the Apollo, Skylab, Apollo Soyuz, Space Shuttle, and X-37 projects. He began his 66-year career in aviation and aerospace in 1942 at the DeHavilland Aircraft Company in Hatfield, England. David had an exceptional work ethic; his analyses were always precise, detailed, and thorough.

MILLER, LEROY C. “LEE”, 82 – of San Marcos, CA passed away on February 22, 2008. Lee was an NAA field service representative for the B-45 in Germany and on the B-70 when it flew at Mach 3.0, and the B-1 at Edwards AFB. He retired in 1984 with 23 years of service. Lee is survived by his wife Rosemary.

MODDRELL, JAMES R., 85 – passed away in Mena, AR on January 24, 2008. He joined NAA in 1947 as a field tech rep with over 23 years of service as far away as Japan, Holland and the Philippines. He left the company in 1970 to join Fed Ex in Little Rock, AR.

NOLAN, RICHARD K., 75 – expired peacefully at his home from unspecified causes surrounded by his family. After earning a degree in Mechanical Engineering from Loyola University in 1961, he spent the next 27 years as an exceptional engineer with NAA/RI. He is survived by his loving wife, Rosemary.

PETERSON, ARTHUR F., 86 – died of cardiac arrest in Lakewood, CA on October 22, 2007. Art retired from LAD in 1978 after 29 years of service.

PUGH, WALLACE “WALLY”, 87 – passed away in Ventura, CA on January 26, 2008 from the effects of Alzheimer’s. Wally served in Field Service and was at the Seal Beach facility when he retired in 1990 with more than 38 years of service.

RADER, CHARLES W. “BILL”, 86 – died on March 18, 2008 in Victorville, CA. After serving in the Army in the Pacific Theater, Bill had a successful career in the aircraft industry including a stint with Rockwell International where he worked on the Space Shuttle at LAD. He is buried at the National Cemetery in Riverside.

SEEHUS, DOROTHY L., 74 – died on February 28, 2008 in Buena Park, CA from unspecified causes. She was employed as an Advanced Mathematician at NAA/RI. Dorothy is survived by her spouse of 55 years, Richard.

SLEPICKA, RICHARD “DICK” – of Phoenix, AZ died on December 13, 2007. Dick retired from LAD in 1982 with 35 years of service.

SPRYER, EDWARD N., JR., 86 – died on February 5, 2008 from undisclosed causes. After graduating from the Carnegie Institute of Technology with a degree in aeronautical engineering, Ed went to work for NAA/RI and served at the Los Angeles Division for 36 years before retiring in 1985. Ed was predeceased in 1986 by his wife of 35 years, Lorna.

SUGAMURA, THOMAS N., 78 – died on September 29, 2007 just nine days short of his 79th birthday. His death was attributed to complications resulting from thyroid cancer. Tom worked as an electrical engineer with NAA/RI for 37 years until he retired in 1990. He enjoyed monthly reunions with his fellow retirees and looked forward to receiving his NAA Retirees Bulletin. He is survived by his devoted wife, Terry Sugamura.

TURNER, STEPHEN H., 76 – passed away at home in Sun City, CA on February 18, 2008. Steve joined NAA in Downey in 1951 and moved to Autonetics. From there his assignments sent him to the Columbus plant in 1977 and Atlanta in 1982. He retired from Atlanta in 1987 with 34 years of service. He is survived by his loving wife of 56 years, Ruth.

VANDERVORT, GERALD D., 65 – of Torrance, CA expired on March 18, 2008. Jerry joined NAA in 1962, filing drawings in the Tech Files department for several years before transferring to the Technical Information Center where he oversaw classified information retention and security. He retired from Boeing in 1999 and became an avid bowler.

VLACH, VINCENT J. “JIM”, 90 – passed away on March 12, 2008 in Riverside, CA. Vincent was stationed at Pearl Harbor on December 7, 1941. Assigned to the USS Arizona, he was on shore leave because his wife was visiting in Honolulu that morning when the Japanese attack occurred. His ship sank in the harbor with 1,177 of his shipmates. He joined NAA in 1960 and retired from Autonetics in 1982 with 22 years of service.

WALKER, SHEILA M., 60 – passed to her reward at home in Manhattan Beach, CA on January 16, 2008. Sheila worked for NAA/RI and Boeing as a buyer for 24 years. She will always be remembered for her beautiful smile, her positive “can-do” attitude and her kind words for people.

WILSON, JAYNE S., 87 – died at her home in Torrance, CA on Easter Sunday, March 23, 2008. Jayne was a computer technician in the Metallurgical Lab at LAD. Someone in her family, including her granddaughter, always served at North American Aviation from the arrival of the company in California.

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**LOST SHEEP, BULLETIN RETURNED,
NO FORWARDING ADDRESS**

- GEORGE H. ARVIN – BUENA PARK, CA**
- RHODA L. BOSDET – GARDENA, CA**
- GERALD G. BROWN – ANAHEIM, CA**
- JACK L. BURNSIDE – LANCASTER, CA**
- LLOYD C. COOK – BANNING, CA**
- GEORGE F. FARHAT – GREEN VALLEY, AZ**
- ROBERT L. JOHNSON – SAM CLEMENTE, CA**
- DONALD L. KOONS – RANCHO PALOS VERDES, CA**
- GEORGE A. MARTA – MOJAVE, CA**
- CURTIS E. THOMPSON – SAN DIEGO, CA**

The Silent Majority

by Stan Guzy

BOSDET, RHODA LEE, 70 – of Gardena, CA, passed away peacefully surrounded by her family on September 24, 2006 in Torrance, CA. She was a great fan of Frank Sinatra, Willie Nelson and Kenny Rogers. Rhoda worked for many years at LAD in the Materials section and then transferred to Engineering. She retired from LAD in 1990 with 35 years of service. She is survived by her devoted husband Charles. She was a “Lost Sheep” in our last issue but now she is found.

CLARK, GEORGE M., 61 – of Northridge, CA, died on June 2, 2008. George earned his engineering degree from UC Berkeley in 1967. After post-graduate study at the Rensselaer Polytechnic Institute, he joined Rockwell where he was a mainstay in the Thermodynamics Group of the Aircraft Division. He is survived by his wife Kathy.

COFFEY, JAMES M., 78 – of Bainbridge Island, WA died in Carmel, CA on June 23, 2008. Jim worked on several projects at LAD, including the Sabreliner, Apollo and B-1, before he retired in 1989 after 35 years of service. He is survived by his wife Virginia.

ELWELL, MARGARET A., 77 – of Bullhead City, AZ, died on February 14, 2008 in Honolulu, HI. She served for 20 years at Autonetics. She is survived by her husband of 58 years, Roy Elwell Jr. and an extended family.

FEWELL, RICHARD O., 83 – of Murrieta, CA passed away on June 11, 2008 of undisclosed causes. After serving in the Navy, he joined NAA at the Space Division in Downey. Dick was very proud of his contributions to the Apollo and Space Shuttle programs. He retired in 1985 and is survived by his wife of 29 years, Claudette.

FORSYTHE, DONALD J., 69 – passed away at home in Corona, CA from undisclosed causes on June 8, 2008. He was active in community and youth sports activities. Don was a Manufacturing Manager at Autonetics. He is survived by his wife of forty years, Phyllis, and his extended family.

GALLOWAY, LESTER L. “LES”, 86 – passed away on February 26, 2008 in Banning, CA of complications due to congestive heart failure. Les retired in 1973 after serving as Vice President of Manufacturing at LAD and as Manufacturing Manager of the Sabreliner Division. He is survived by his devoted wife Vicky.

GYSEN, ELMER, 85 – from Grass Valley, CA, passed away on July 20, 2008. Elmer began his NAA career in Downey, CA in Manufacturing and worked on all the major prototypes from the X-15 to the Space Shuttle. He retired in 1985 after 37 years of service. He is survived by his wife June.

KAHELIN, PAUL H., 87 – passed away on October 7, 2007 at home in El Cajon, CA of complications from prostate cancer. Paul was employed as an engineer by several aerospace companies and worked on the AC-130 Gunship, KC-135, the Scorpio, L-1011, and Atlas-Mercury projects. He retired from the B-1 Division in 1989 with 13 years of service.

LAMBERT, RALPH W., 91 – passed away peacefully on June 28, 2008 at his home in Santa Ana, CA after becoming incapacitated with Alzheimer’s disease for the past six years. Ralph went to work at NAA in Los Angeles and Fresno and eventually was assigned to the NAA/RI Rocketdyne Division in Canoga Park, where he built rocket engines until his retirement

in 1982. He was considered an exemplary employee his entire career. Ralph is survived by his extended family.

LANE, ROBERT D., 83 – passed away peacefully at home in Vista, CA after suffering a stroke during an angioplasty procedure in February 2008. During WWII, Bob was a P-51 flight instructor in the USAAC. He joined NAA/LAD as a stress engineer on the F-86 and retired as a project manager on the B-1 program in 1984 with 28 years of service. He is survived by his loving wife Mary.

MOHR, RONALD J. “BLACKIE” – bulletin returned, reported deceased on March 16, 2008. Records indicate Blackie retired from the Space Division in 1980 after 33 years of service.

MURPHY, EMMETT D., 74 – died of leukemia at his home in Riverside, CA on July 14, 2008. Emmett had retired from the USAF in 1984 after 28 years of service with the rank of Lieutenant Colonel. His career included flying many types of aircraft and commanding the 728th Military Airlift Squadron at Norton Air Force Base. As an electrical engineer at NAA/RI, Emmett worked on the Apollo Soyuz mission and was lead engineer in the design of the cockpit area for the Space Shuttle. He is survived by his extended family.

MURPHY, DONALD W., 90 – of Torrance, CA passed away peacefully on July 1, 2008 after a two-week battle with pneumonia. Don retired in 1978 as the head of the LAD Art Department with 39 years of meritorious service. Don, an accomplished artist and art instructor, served his community as well as his company in many ways. In 1953, as the Cub Master of Pack 2806 in Manhattan Beach, CA, he created the Pinewood Derby. During the past 55 years, over 100 million scouts have participated in the derby. Don lost his first wife, Anne after 57 years of marriage. He then met and married Muriel Bauer, who he described as the “cutest thing this side of heaven”. They were each others love and companion for the past twelve years. Don is survived by his extended family.

OBENBERGER, WALLACE J. “WALLY”, 81 – of Whittier, CA died on July 5, 2008 of undisclosed causes. Wally joined NAA in 1951 at Downey, CA, was transferred to Autonetics as Director of the Avionics Laboratory and then on to LAD as the head of the B-1B Software Laboratory. Wally retired in 1986 after 35 years of valued service. He is survived by his devoted wife of 55 years, Bernie.

O’TOOLE, MURRAY J., 90 – of Palos Verdes Estates, CA passed away after a short illness on June 29, 2008. Murray graduated from the University of Notre Dame, cum laude, in 1942 and joined North American Aviation as an aeronautical engineer. He worked on a multitude of airplane and space projects at LAD and Downey. He is survived by his loving wife of 40 years, Jary. She is also a NAA retiree. Murray was a gentle soul and our good friend. We shall miss him.

PAGE, SANDFORD N. “SANDY”, 78 – of Norwalk, CA passed away September 16, 2007 as a result of a brain tumor. Sandy retired from Corporate-Information Systems in Seal Beach as an electrical engineer in 1990 after 38 years of service. He is survived by his devoted wife Carol.

SANDERS, HARVEY E., 79 – died on July 17, 2008 at his home in Corona, CA from undisclosed causes. He served in the

Navy in Korea before joining NAA/RI/Boeing as a Computer System Analyst. He is survived by his extended family.

SCHENDEN, RICHARD G., 77 – passed away at home in Santa Ana, CA on November 9, 2007. Dick was Director of Payroll at the Corporate Office in Seal Beach when he retired in 1987 with 33 years of service. He is survived by his loving wife Barbara Sue.

SITLINGTON, FLORENCE P., 84 – passed away on July 25, 2008 in Anaheim, CA from undisclosed causes. She had been a long time resident of Hermosa Beach and Redondo Beach while working at NAA in El Segundo for over twenty years. Flo was preceded in death by two husbands.

SVIMONOFF, CONSTANTINE “TIMO”, LT. COL., USAF, 89 – passed away peacefully on July 14, 2008 at his home in Rossmore, CA. Timo’s family immigrated to America after the Russian Revolution. He earned his masters degree in Aeronautical Engineering from the California Institute of Technology in 1948. He served 24 years in the USAF as a command pilot and on the first USAF Space Program, Project Mercury. His second career began with NAA/RI where he contributed to the Saturn V Program and the B-1 Bomber. Timo retired from NAA/RI in 1985 after 21 plus years of service. He is survived by his beloved wife of 64 years, Maude.

TORREY, GLEN E., 69 – of Merritt Island, FL died on June 5, 2008. Glen started at Downey in 1962 on the Apollo program as a GSE design engineer before transferring to KSC in 1966 as the project engineer for all Apollo fluid and mechanical systems. He returned to Downey in 1972 and was responsible for the integration of all Space Shuttle flight and ground systems. In 1977, he again returned to KSC to head up the Rockwell Shuttle Project Office. From 1984 until 1989, he was the Vehicle Project Manager for the Challenger and Discovery Shuttle orbiters before becoming Manager of Shuttle Configuration Requirements and then Manager of GSE Design until his retirement. He is survived by his loving wife Marian.

TRAVIS, GORDON L., 74 – passed away on June 18, 2008 in Yorba Linda, CA. Cause of death was not disclosed. Gordon had been employed at NAA/RI/Boeing as a mechanical engineer for over 30 years and contributed to the development of the Apollo and Space Shuttle programs. He is survived by his wife, Eva, and his extended family.

VARA, JOSEPH A., 85 – of Galloway, OH died on May 6, 2008. He served in Anaheim and Columbus as a contract negotiator and pricer until he retired in 1994.

WILEY, GEORGE O., 80 – long time South Bay, CA resident and community volunteer, died June 29, 2008. After serving in the Navy, George attended Akron University and Ohio State University. He joined NAA at Columbus and moved to El Segundo in 1962. He retired from NAA/RI after 40 years and continued as a consultant for Boeing. The work ethic that marked his career also characterized his civic and volunteer work. He received many accolades and awards and was widely admired for his quick wit and wry sense of humor. He leaves his wife Violet and extended family.

WRIGHT, BETTY, 85 – passed away at her home in Lake Elsinore, CA from undisclosed causes. Betty retired from NAA/RI in 1988 after serving for 32 years. She is survived by her husband of 65 years, Ted, and her extended family.

YOUNG, RICHARD C., “DICK”, 91 – died on May 17, 2008 in Templeton, CA after a very short illness caused by strep-A bacterial infection. Dick was hired in Dundalk, Maryland in August 1935 as a sheet metal helper. He was rehired in December 1936 in Inglewood as a template maker under H.V. Schwalenberg. He was promoted later to Group Leader of Lines and Dimensions. In 1962 he transferred to the Space Division as Manager of the Apollo Airframe Group staff. He retired to Paso Robles, CA in 1972 after 36 years of service. He is survived by his daughters, four grandchildren, and four great grandchildren.




PAX DOMINI SIT SEMPER VOBISCUM



LOST SHEEP, BULLETIN RETURNED, NO FORWARDING ADDRESS

**LLOYD E. AULT – PALM DESERT, CA
BRUCE H. LOKKE – PASO ROBLES, CA
PHILLIP D. WILTSE – WINCHESTER, CA**

In this, our final salute to our comrades and colleagues that have embarked on their final journey, only 13 of the 27 were subscribers to this bulletin. With the end of the year coming soon, please consider adding a gift subscription for a friend when you renew your own subscription. If you do, we will send him/her the Winter 2008 issue as an added bonus.

The Silent Majority

by Stan Guzy

ALDRED, ALFRED H. “BUNKY”, 77 – of Nolensville, TN died on September 27, 2008. He retired from Rocketdyne after 35 years of service as a rocket scientist and test engineer. His assignments included Huntsville, AL; White Sands, NM; Kennedy Space Center, FL; Stennis, MS and several locations in California. He is survived by his loving and devoted wife Patricia.

ANDREWS, EDWARD, 79 – passed away on August 18, 2008 in Los Angeles, CA. Edward served for 22 years at LAD as a janitor. He is survived by his son Eric.

ARBIT, HARRY A., 88 – reported to have died in June 2008 from undisclosed causes. Harry was born in Russia in 1920, came to the United States and moved to Los Angeles in 1948. A graduate of the University of Chicago, he held four U.S. patents and was the recipient of many professional awards and commendations for his work on the Apollo and Space Shuttle programs. He retired from NAA/RI Rocketdyne in 1995. He was widowed in 2005.

BELL, HAROLD W., 90 – of Issaquah, WA, died on March 2, 2008. During his Naval ROTC summer cruise in 1937, Harold served aboard the battleship *USS Colorado* during an extensive search in the Central Pacific for Amelia Earhart. He graduated with honors in 1939 from the University of California at Berkeley in 1939. During WWII, he was assigned to the Bureau of Astronautics in Washington D.C. His career at Downey started with Vultee and went through Rockwell. He was Chief of Aerodynamics for the Apollo program and Director of the Space Sciences Lab. At the Seal Beach facility, he was a prominent member in the design of the Beaver underwater research submersible. He served 32 years at NAA, retiring in 1981. He is survived by his loving wife Helen.

BOTELLO, HELEN, 83 – expired peacefully on October 12, 2008 from undisclosed causes with her children and her husband of 64 years at her bedside in Sun City, CA. During her adult years she lived in Downey, CA where she worked for NAA/RI for over 25 years as an inspector on many space programs.

BREAKER, CHARLES, 88 – passed away on September 30, 2008 in Redondo Beach, CA as a result of prostate cancer. He was a tool designer at LAD when he retired in 1980. He is survived by his wife Ida.

BURKE, JOSEPH F., 81 – a resident of Costa Mesa, CA, passed away from undetermined causes earlier in 2008 at the home of his daughter. A man of many interests, he spent most of his career with NAA/RI working on the Saturn and Shuttle programs. His wife, Mary, preceded him in death.

CASSADY, LARRY C., 70 – a resident of Henderson, NV, died on September 1, 2008 from undisclosed causes. Larry retired from NAA/RI and is survived by his wife Janet.

CLARK, GEORGE M., – died of cancer on June 7, 2008 in Canoga Park, CA. During his 34 years of service, George worked at Rocketdyne, Rockwell B-1 Division, and the Boeing Phantom Works. He retired in 2002 and was working on an MS degree in geology while teaching part time at CSU Northridge when he passed away. He is survived by his wife of 38 years, Kathy.

CONFER, STANLEY G., 77 – of Fullerton, CA passed away on September 14, 2008 after a brief battle with lung cancer. In his 30 years of service at LAD, Stan worked on many projects and retired from the engineering Ground Support Group (GSE). Stan's wife Earlene joined him in eternal peace on October 28, 2008.

DAILEY, JAMES R., 75 – passed away on September 16, 2008 in St. George, UT. Jim joined NAA as an instrumentation engineer and served at LAD, Collins, Atomics International, Space, and the B-1 Divisions. He retired as manager of instrumentation engineering on the B-1 in 1988 with 34 years of service.

DAVIS, KENNETH L., 93 – of Mission Viejo, CA passed away on November 13, 2007. Joining LAD during World War II in 1942, Ken was a test engineer on the P-51. Later, he transferred to Downey and retired in 1977 with 35 years of service. He is survived by his loving wife of 71 years, Genevieve.

DE LONG, MARY M., 92 – of Fullerton, CA passed away in October 2008 from various ailments primarily associated with aging. Records indicate she retired from NAA in 1984 after 25 years of service. She served as office administrator for the Director of Advanced Systems Engineering.

DOOLEY, WILLIAM T., – the “Reminder” card returned indicating that he passed away on March 12, 2006 from Alzheimer's complications. Records indicate Bill retired from NAA Los Angeles Division in 1978 after 30 years of service.

EDWARDS, NORMAN “NORM”, 73 – of San Clemente, CA passed away on October 31, 2008 of complications due to COPD. Norm retired in 1989 after serving 38 years at Autonetics, the Mississippi Test Facility, Saturn II, and at Space Division on the Space Shuttle. He is survived by his devoted wife, Jean.

GOMME, GERALD E., – reported to have died in November 2007 with no further information made available. Our records indicate he retired from NAA/RI Rocketdyne in 1978 after 24 years of service.

GURLEY, EDWIN J. “TED”, – passed away on April 20, 2006 after a valiant battle with cancer. He retired from the Autonetics Division in 1989 after 27 years of service. His wife of 42 years, Charlene, survives him.

HANSEN, MARY B., 85 – passed away in Rancho Palos Verde, CA on September 4, 2008 after a long illness. Mary served in the Art Department at LAD for 30 years before retiring in 1980. She is survived by her husband of 52 years, Victor, who also is an Autonetics retiree.

HEGG, RUTH E., 80 – of Hemet, CA passed away on September 18, 2008. Ruth obtained her BA degree while working at North American. She rose to the position of executive secretary during the last eight years of service prior to her retirement in 1991. She received recognition for her service including the coveted NASA Astronaut “Snoopy” Award. She is survived by her husband, Donald, who also served at NAA.

KAYS, FRANCES P., 96 – bulletin returned marked “Deceased”. Records indicate she lived in Inglewood, CA and retired from NAA in 1967 after 17 years of service as a PBX operator at LAD and Palmdale.

LADEWIG, ROBERT, 89 – passed away on August 29, 2008 at his home in Hemet, CA. After obtaining a degree in electrical engineering, he was employed by NAA for several years. After retirement, he moved to Hemet, CA with his wife of 58 years, Rita.

McWHINNEY, WILLIAM J. “BILL”, 78 – of Las Vegas, NV, died from complications after bypass surgery on August 20, 2008. Bill was an electrical engineer who worked on the B-70, B-1A, B-1B, and supported the 757 program while on loan to Boeing. He was proud of his accomplishments on the B-1A capsule testing project at the Downey test pool. He is survived by his wife Beverly, also a NAA retiree.

MUMEY, MAURICE L., – the “Reminder” card returned by Janice Mumey, reporting the death of husband on September 19, 2006.

MURPHY, GEORGE T., 80 – passed away at home in La Quinta, CA on his 80th birthday on August 13, 2008. George retired from Rocketdyne in 1984 after 25 years of service. He is survived by his loving wife Beverly and their eight children.

NELSON, STEPHEN H., – passed away September 3, 2008 from congestive heart failure. He started his career with NAA at the LA Division in 1947 after serving in the Air Force. He worked for Dutch Kindleberger, Ralph Ruud, and Kenny Gay for several years in the Material Department. He transferred to the Autonetics Division and later to Space Division where he became Division Director of Materials and Major Subcontracting for the Apollo, Saturn, Space Station, and Shuttle programs. He retired in 1984. He leaves his wife of 41 years, Donna, and an extended family.

PARKER, JACK P., 76 – passed on September 7, 2008 of cancer. Jack’s career spanned many programs including Apollo and the Space Shuttle. He retired from the Space Division in 1996 after 37 years of service. Jack is survived by his wife, Jodi.

PENDELTON, FRANCES “FRANKIE”, – passed away on April 27, 2008 at home in Whittier, CA from complications as a result of a stroke. She retired in 1989 from Downey where she served for many years in Manufacturing. She is survived by daughter, Vicki, and son, Phillip.

SOTO, ALBERT, 88 – a resident of Placentia, CA died from Alzheimer’s disease on September 8, 2008. Albert worked in the system area including the fuel gauging system of the T-28, the B-1 bomber, and the 2nd stage of the Apollo rocket. He is survived by his wife of 57 years Julieta.

STEWART, JOSHUA E., 82 – went to his reward on September 9, 2008 from undisclosed causes. Joshua moved to Arizona with his wife, Phyllis, in 1990 after retiring from NAA/RI.

SWENSON, MERRILL E., 86 – passed away October 23, 2008 due to kidney failure. A graduate of UCLA, he worked in the finance area at NAA/RI/Boeing. He is survived by his wife of 63 years, Margie.

TKACH, BERNIE, 78 – died in Las Vegas, NV on September 17, 2008. Bernie began his NAA career at the Autonetics Data Systems Division in Downey, CA. He retired from Strategic Systems at Anaheim in 1989 after 34 years of service. He is survived by his wife of 48 years, Ginny.

TURNER, GAYLE L., – the “Reminder” card returned stamped “Deceased” indicating death on January 1, 2007. Records indicate Gayle retired from NAA/RI in 1995 after 35 years of service.

WHITE, VERNON E. “NORM”, 82 – passed away suddenly of a heart attack on July 13, 2008 in Carpinteria, CA. Norm was the Human Resources Manager at Rocketdyne for 33 years. He is survived by his wife of 59 years, Michi. She also worked at Rocketdyne.

WYKES, ROBERT C. “BOB”, 77 – passed away of cancer in Alpharetta, GA on June 10, 2008. Bob retired from Missile Division in 1986 after 33 years of service.

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LOST SHEEP – BULLETIN RETURNED, NO FORWARDING ADDRESS
THOMAS R. CRAVETS – SAN ANTONIO, TX
EDWIN B. GANGEL – GRANTS PASS, OR

A Word from Stan: Of the 34 names added above to the Silent Majority, only 16 were subscribers to the Retirees Bulletin. For the others, their only connection to the Bulletin is this mention in the Silent Majority. When we add a name to this final salute to our fellow retirees, we make no distinction as to whether it is that of a subscriber or not. All retirees, in death as in life, are important to us. However, there is a certain irony in doing so because the family will never see the name of the loved one since the Bulletin is sent only to subscribers. In this holiday season, why not check with your friends and if they are not subscribers, give them a gift subscription. Have them participate in the Bulletin on a “lively” happy note rather than a sad final one!

The Silent Majority

by Stan Guzy



KANY, JULIUS A., “JULI”, 95 – of Solana Beach, CA passed away on January 18, 2009 and a bit of history passed away with him. Julius was the last living member of the original North American Aviation Bald Eagles that joined “Dutch” Kindelberger in making the trek from Dundalk, Maryland to Inglewood, California. He was a tool designer and retired as a

manager in Tool Design in 1975 after 40 years of distinguished service. In death, he joined his loving wife of 67 years, Bonnie, who passed away three months earlier. We salute Julius Kany as a pioneer of North American Aviation.

ACHEE, EMILE W., 81 – passed away on November 11, 2008 from undisclosed causes. Emile was a graduate of the U.S. Naval Academy and served with distinction in the Korean Conflict. Leaving active duty in 1955, he went into engineering and marketing assignments with Collins Radio and RI/Autonetics. He had been the General Manager for RI in Germany GMBH and experienced a highly successful career holding several senior executive positions before retiring in 1992. He is survived by his wife Joan.

BARLOW, CLAYTON G., 1st LT, USAF (RET), 88 – He passed from this life on November 3, 2008 from undisclosed causes. After serving over 20 years in the USAF, Clayton joined RI as an aeronautical engineer and worked on various programs including the F-5 Project and other missile projects before retiring in 1985. He is survived by his wife of 63 years, Viola.

BLAIR, HUGH R., 77 – of Moreno Valley, CA passed away on January 21, 2009 in Riverside, CA. After returning from the service Hugh joined NAA/RI as a skilled machinist and tool maker. He retired after 37 years of service. His loving wife of 40 years, Lupe, survives him.

BROWN, EVERETT T. “JAKE”, 87 – of Santa Maria, CA, died on January 6, 2009. A veteran of World War II, he was one of the scientists on the Manhattan Project at Columbia University that helped split the atom. He joined NAA in 1956 and retired in 1981 as Assistant Vice President at Autonetics/SSD with 25 years of service. He is survived by his wife of 65 years, Violet “Scotty”.

DAGAND, ROBERT W., 85 – passed away of Alzheimer’s disease on April 25, 2007 in Long Beach, CA. Bob served for 40 years in Contracts & Pricing before retiring in 1996.

DICKS, JAMES “TED”, 72 – passed away at his home in Corona, CA on January 4, 2009. He had worked at the Autonetics Marine Systems Division for many years and even played on the Autonetics Baseball team. He is survived by his wife of 49 years, Barbara.

DOPHEIDE, NEIL, – was reported to have expired on January 28, 2009 from undisclosed causes. Neil was a Director of Purchasing at Autonetics at the time of his retirement

and has been a Board Member of the Bald Eagles for a great number of years. No further information is available.

DORN, PHILLIP F., 83 – of Dewey, AZ died on December 5, 2008 at the Acts of Kindness Care Home in Prescott Valley, AZ. He retired from LAD in 1985 after 32 years of service. He is survived by his wife of 46 years, Annella.

DZURICA, JOHN L., 78 – passed away at St. John’s Hospital in Santa Monica, CA on November 30, 2008 as a result of a brain tumor affliction. John had retired from LAD Structures Engineering in 1994 having worked on the B-1B data delivery system and completing 29 years of dedicated service.

GARDINER, CHARLES L. “CHUCK”, JR., 76 – passed away at his home in Rancho Mirage, CA on December 31, 2008. Chuck joined Autonetics after leaving the Air Force. His area of expertise was in Contracts and Pricing and was involved in many projects during his tenure with the company. He retired in 1988 after 25 years of service. Burial was at the Riverside National Cemetery. He is survived by his wife of 23 years, Kathy.

HILL, HOWARD R., 91 – of San Jacinto, CA died at Hemet Valley Community Hospital on December 30, 2008. Howard served in engineering planning at Palmdale and LAD for 23 years before retiring in 1972.

HOGUE, LEWIS “JACK”, 88 – died on December 27, 2008 with his family at his bedside after experiencing a disastrous fall. Jack began his career at NAA/RI as an inspector in the fabrication area. He served as an inspector on the Sabreliner, Minuteman, Apollo and Shuttle programs. He took early retirement in 1980 due to loss of vision. Jack was predeceased in 2003 by his loving wife of 32 years, Rose Mary, also an NAA/RI employee.

JONES, THOMAS C., 76 – of Palmdale, CA passed away on January 11, 2009 after suffering a heart attack. He began his career with NAA in 1958 as a Tech Writer and progressed to GSE Design, then to Test Engineering on the Saturn Program. He earned an engineering degree from CSU Long Beach and a Law degree from Southwestern School of Law. He supervised a Material Contract compliance group on the Shuttle program and eventually provided support for the B-1 program at Palmdale. He is survived by his wife, Doris.

McKENZIE, KIRKLAND E., 67 – passed away in the latter part of 2008 from undisclosed causes. He was the eldest of seven children and excelled in academics and sports throughout high school and college. After serving in the Air Force, Kirk later began a career which spanned over thirty years with NAA/RI where he demonstrated tenacity and professionalism which enabled him to advance to the position of Director of Human Resources. Kirk leaves his loving wife Betty to cherish his memory.

METSA, ROBERT “BOB”, 82 – died peacefully, surrounded by his family and close friends, on November 13, 2008 at St. Jude Hospital, Fullerton, CA after complications with cancer. With an MS in Aeronautical Engineering he had a distinguished career with NAA/RI for 30 years before retiring in 1988. Robert cherished many long

lasting friendships he made throughout his career. He is survived by his loving wife of 23 years, Clarajane, and his immediate family.

MUCHMORE, CLARENCE H. “MUCH”, 80 – of Henderson, NV passed away on January 9, 2009 as a result of an aneurysm. “Much” joined LAD in 1951 as a design engineer and retired in 1977 with 27 years of service on the X-15, XB-70, B-70, and the B-1 programs. He is survived by his loving wife Gloria. She also served at NAA in Flight Test.

MUNSON, ROBERT W., 88 – passed away in his home in Hemet, CA on November 22, 2008. Bob retired from Space Division in 1982 after 42 years of service. Very active as an instructor in the Boy Scouts of America for 15 years, he was recognized with the presentation of the Silver Beaver Boy Scout Award. He is survived by his loving wife of 59 years, Genevieve.

NELSON, WILLIAM E. “BILL” – of Garden Grove, CA, Winter 2008 Issue of Bulletin returned stamped “Deceased”. Bill retired from Space Division in 1989 after 42 years of service.

O’BRIEN, RICHARD J., 83 – of Anaheim, CA passed away from undisclosed causes on December 24, 2008. Richard enjoyed a 43 year career at NAA/RI before retiring. He loved flying and was a devoted Angels baseball fan. Richard married Elsie and was a testimony of enduring love in a life-long marriage of 60 years.

PINCKNEY, DAN S., 84 – of Oakhurst, CA died on January 15, 2009. He was a retired financial manager at NAA/RI. Dan is survived by his wife, Pat, who was also employed at NAA/RI.

POMYKATA, JOSEPH M. “JOE”, 94 – passed away in Bishop, CA on December 20, 2008. Joe served in the USAAF from 1941 to 1946 and flew numerous missions over Europe. He worked on the development of radio controlled B-17s to be used to destroy German submarine pens on the French coast and was assigned to Wright Field where he was responsible for the design, development and flight testing of air and ground launched missiles. After the war, he worked on the design of the Nike missile at Douglas and the Snark guidance system at Northrop. He joined NAA on the X-10 Navaho and held various management positions on the GAM-77 Hound Dog, Minuteman guidance and Apollo GSE. He was a good friend.

RUTHERFORD, CHARLES W., 81 – died on January 23, 2008 in Pickerington, OH from undisclosed causes. Charles was an NAA/RI retiree and had worked as a project manager on the Space Shuttle program. He is survived by his loving wife Bette.

SIVERT ROGERS, MARCELLA, 84 – of Mira Loma, CA passed away on December 31, 2008. Born in Texas, she moved to Southern California in 1947 and retired from Rockwell International in 1990 after 32 years of service.

VENLET, ROBERT L., 81 – died on June 30, 2008 from undisclosed causes. He had been a Material cost analyst with NAA/RI during the shuttle program and many other projects before retiring with 31 years of aerospace service.

VOSHART, ELDON L. – of Columbus, OH, died on November 13, 2008. A Navy veteran, Eldon retired from the Columbus Division in 1980 with 30 years of service. He is survived by his loving wife of 63 years, Alberta.

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LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

MARGARET AST – RENO, NV
JOHN A. COOMBS – IRVINE, CA
ROBERT H. COOPER – SAVANNAH, GA
HAL GORE – WESTMINSTER, CA
MURIEL BAUER MURPHY – TORRANCE, CA
JERRY NORTHWAY – GARNERVILLE, NV
JEANETTE B. ORGILL – APACHE JUNCTION, AZ
PAUL J. PIERCE – HEMET, CA

The Silent Majority

by Stan Guzy



ROBERTS, JAMES O. "J.O.", 84 – passed away in Salinas, CA on September 6, 2008. He attended Yale University and graduated from the U.S.A.A.F. flying school in January 1944. He flew P-40s in the Aleutian Islands in 1944-45, continued his military flying in P-51 and P-80 aircraft and joined the 4th Fighter Group at Andrews AFB in 1948-49 where he was a

member of the Aerobatic Team, the USAF Champion Gunnery Team and the Silver Sabres Aerobatic Team, in which he flew in the slot position and solo formations. He went to Korea with the 4th Fighter Group's first F-86As and shot down a MiG-15 during the first large scale jet air-to-air dogfight on December 22, 1950 (readers will recall his article, "That Afternoon Over the Yalu", in the Winter 2005 Issue of the NAARB). Joining NAA in 1952 as a test pilot, he did extensive testing on the redesigned F-100A after the death of Chief Test Pilot George Welch. Other aircraft he flew were the F-86D, E, F, and H; the F-100A, C, D, and F; the F-107, and the T-39 Sabreliner. He later became the NAA Corporate Representative at NASA JSC, KSC, and Washington, D.C. He retired in 1982 with 30 years of Service. J.O. was a good friend of the Bulletin and he will be sadly missed.

ADAMS, LAWRENCE "LARRY", – passed away peacefully on March 27, 2009 from undisclosed causes. Larry worked for NAA/RI for 35 years and retired in 1987. He is survived by his brother and extended family.

CANNON, EDWARD J., 83 – died on May 16, 2009 of undisclosed causes. He was a Director of Contract Pricing at NAA/RI and was a member the Rockwell Management Club. Ed was a truly distinguished and valued Contracts/Pricing executive. He and his contemporaries lead the way on many landmark and innovative cost estimating/pricing methods considered essential to be profitable and successful in the industry. He was held in high esteem; a man of honor, integrity and warmth who left this world a better place.

CARTER, ROBERT L., 81 – passed away at his home in Fletcher, NC in November 2008. Bob was an engineering group leader at the Columbus Division Human Factors unit from 1956 to 1967. Under his direction, the automatic rocket powered ejection seat systems for dual and tandem crews were developed for the A3J and OV-10A.

CASTLE, PHILIP V., 91 – passed away on May 12, 2009 from undisclosed causes. After completing graduate work at UCLA he began a career with NAA/RI as a Systems Analyst, retiring in 1979. He was predeceased by his wife of 58 years, Lillian.

COVER, JOHN H., JR., 88 – passed away on February 7, 2009. He earned a Ph.D. in Physics from the University of Chicago and was part of the NAA team that won the Apollo project. He invented the Nonlethal Taser Weapon. He is survived by his wife Ginny.

DICKSON, DONALD L., 82 – died in Orange, CA on January 14, 2009 of cardiac arrest. Bob served in Manufacturing for 36 years until he retired from the B-1 Division in 1986.

EBY, KARL R., 77 – of Columbus, OH passed away on March 10, 2009 after a four-year battle with Alzheimer's disease. Graduating from Ohio State University, he joined NAA/Columbus as an electrical engineer and was involved in all Columbus developed aircraft and the B-1A/B. Karl was a member of the American Rocket Society, the Ohio Academy of Science and MENSA. He retired in 1989 with 33 years of service.

FROST, LOUIS E., 82 – of Laguna Hills, CA passed away on March 17, 2009 from undisclosed causes. Lou joined NAA in 1946 and became the NAA/RI Manufacturing Engineering Specialist for the aerospace industry association; disseminating technical information to all areas and divisions of the company. He was involved with many major projects expanding the manufacturing expertise of the corporation. He retired in 1978. He is survived by his wife of 67 years, Grace.

GEHRKE, RICHARD J., 85 – died on March 9, 2009 in Fullerton, CA. Dick served for many years at the Autonetics facilities. He later retired from Hughes Aircraft in 1991. He is preceded in death by his wife, Geraldine, and son, Bruce.

GOULD, LANE E., 86 – of Kelseyville, CA passed away on May 6, 2009. He served in naval aviation during World War II and continued his aviation career at Convair before joining NAA/RI. He retired at the Palmdale facility in 1985. Lane is survived by his wife, Lummie.

HANN, MILFORD R., JR., 71 – obituary indicated death occurred on April 20, 2009. He had served proudly in the Navy before he joining NAA/RI. He is survived by his loving wife, Rose.

HAUENSTEIN, CLIFFORD A., 75 – passed away at home in Moorpark, CA on December 17, 2008. Cliff started in the experimental engine unit, working on specialized start systems, at Rocketdyne in 1955. He then progressed through several leadership positions as Project Engineer on the Apollo Command Module ACS, Attitude Control System, and LM Ascent Engine and as Program Manager on the PK Stage IV, Peace Keeper, and Program Manager for IRAD, Independent Research & Development. He is survived by his wife Ruth.

HERM, LEO M., 93 – a resident of Anaheim, CA died on March 15, 2009. Leo was an electrical engineer at Space Division where he served on several programs before retiring in 1976 after 34 years of service. He is survived by his wife of 60 years, Gladys.

KAWANA, HARRY, 79 – of Gardena, CA died on September 30, 2008 after suffering several heart attacks. Harry joined the Flight Control Group at NAA/LAD after receiving an M.S.A.E. from USC. He received several awards for his work on the F-100, F-117, B-1, and the Space Shuttle. He retired in 1986 after 32 years of service. He is survived by his wife Mieko.

KEAS, WARDEN F., 84 – passed away on December 2, 2008 in Torrance, CA after a valiant battle with cancer, open heart surgery and a hip replacement. He joined LAD as an electrical engineer in 1951 after graduating from Kansas State University and retired with 40 years of service. An accomplished engineer, his other passion was being a clown. He attended Clown College in Lacrosse, Wisconsin and won many awards at clown conventions. He used his talent to bring laughter to schools and retirement homes. He is survived by his wife Shirley.

KIKENDALL, LLOYD C., 87 – of Las Vegas, NV passed away on January 22, 2009. Lloyd retired from LAD in 1979 after 32 years of service as a facilities engineer. He continued as a consultant for ten more years. He is survived by his loving wife Geraldine.

LAXTON, EUGENE F., 81 – passed away on Saturday, February 28, 2009 in Torrance, CA due to complications from pancreatic cancer. Eugene had a distinguished career as an aerospace engineer for 35 years. He worked for many companies including NAA/RI and eventually retired from Boeing in 1993. He was part of the B-1 design team which was awarded the R. J. Collier Trophy in 1977 for outstanding achievement in Aeronautics. His wife of 57 years, Cecilia preceded him in death.

MACIAS, VERA L., 83 – died peacefully in April 2009 at her home in Tustin, CA surrounded by her family. Vera worked as an administrative secretary at NAA/RI for 10 years before she retired.

McCLANAHAN, CONNIE B., – of Temecula, CA died on February 25, 2009 of complications following surgery. She served for 35 years at NAA as a mechanic, retiring in 1987. Connie worked on the T-39 Sabreliner, the B-1, and the Space Shuttle. She is survived by her husband of 42 years, Clifford.

MINNER, CLIFFORD R. “BOB”, 83 – died at home in Missoula, MT. Graduating from high school, Bob joined the Navy and ended up flying missions in the South Pacific as Plane Captain with Patrol Bombing Squadron 106, Crew 19. Getting a degree in biology, he taught science courses at El Camino College in Torrance before moving into flight test engineering. He worked on several aircraft projects including the F-15, B-52, B-70, B-1A, B-1B, and B-2. He managed test programs at the White Sands Test Track, Holloman AFB, Edwards AFB, and the Microwave/Randome Test Facility in Lamont, CA. He retired from LAD in 1986 after 25 years of service. He is survived by his loving wife of 60 years, Madelyn.

MURRAY, MAURICE, 78 – succumbed to prostate cancer during the latter months of 2008. He worked at LAD in Quality Control and Purchasing on multiple programs including the B-1 bomber. He is survived by his wife and an extended family.

NELSON, ELMER O., 90 – passed away peacefully on October 27, 2008 after a long illness. He worked at NAA/RI on all of the NASA Apollo space vehicles. He is survived by his wife of 65 years, Lola.

O’LEXEY, JINX C., – of Henderson, NV. Bulletin reminder returned stamped “Deceased”. Jinx retired from the Space Division in 1993 after 21 years of service.

ORGILL, JEANETTE R., – died quietly in her sleep at Apache Junction, AZ on February 14, 2008. The information was made available after her name appeared in the “Lost Sheep” section of

the Bulletin. Jeanette worked at LAD and the Corporate Offices where she edited the Fortran Volume of the Corporate Computing Manual. She retired in 1973 after 23 years of service.

SALISBURY, GERALD E. “JERRY”, – of Torrance, CA. The Spring Issue of the Bulletin returned stamped “Deceased”. Jerry retired in 1984 after 35 years of service.

SILVERMAN, STEVEN L., 55 – passed away at his home in Seal Beach, CA on February 9, 2009. Although born with severe cyanotic heart disease he earned a M.S. degree in Aeronautical Engineering from the University of Virginia. He joined NAA/RI and served for 25 years in Systems Integration. During that time, he managed a full and successful life although he had to endure eight intrathoracic surgeries and a heart transplant. He will be sadly missed by his family, friends, and co-workers.

THOMPSON, EULA “TOMMIE”, 92 – succumbed to congenital heart failure on March 29, 2009 in Goldsboro, NC. She retired from LAD in 1980 after 35 years of service in Quality Control.

THOMPSON, IVAN E. “TOMMY”, 91 – passed away in Glendale, AZ on September 7, 2008. He joined LAD in 1947 in Tooling, later transferred to Rocketdyne where he served as a tooling engineer. He retired in 1977 as Manager of Tooling, Second Shift. He is survived by his wife Ardith.

VANCE, ARMETTA C., 85 – passed away in West Linn, OR as a result of a stroke. She had retired from the B-1 program at LAD in 1986 after 29 years of service including prior assignments at Autonetics, Space, and Seal Beach. Never allowing herself to grow old, her passion was riding on a Harley-Davidson motorcycle.

WATANABE, HIDEO, 80 – passed away on February 17, 2009. A resident of Santa Monica, CA, he was active in the Management Club when he retired from the B-1 Division after many years of service. He later went on to work on the B-2 program at Northrop-Grumman.

WEINER, FREDERICK, – passed away peacefully on March 12, 2009. Fred worked in aerospace engineering for many years before retiring from LAD in 1984 after 35 years of service. His wife of 53 years, Selma, preceded him in death.

WOLFORD, LILLIAN M., 87 – died peacefully on March 1, 2009 after three years of failing health. She was employed at NAA/RI on two separate occasions during her working years. She was preceded in death by her husband, Leonard, a retired U.S. Marine.

ZEHALA, WILLIAM J., 78 – of Columbus, OH passed away on January 27, 2009. Bill joined NAA at the Columbus facility as a civil engineer after receiving a B.S. degree in Civil Engineering from the University of Pittsburgh in 1953. He retired in 1989 after 28 years of service. He is survived by his wife Betty.

LOST SHEEP—BULLETIN RETURNED WITH NO FORWARDING ADDRESS

J. A. GARCIA – LAS VEGAS, NV

I APOLOGIZE TO MARTIN G. “BUZZ” HOLLAND – In my rush to meet deadlines, I did not check out the late information on the passing of Julius Kany and accepted as fact that he was the last survivor of the original Bald Eagles that trekked across the country from Dundalk, Maryland to Inglewood, California. At the age of 94, Buzz Holland is the last member of that special group and he is very much *alive!* I am sorry for this dreadful mistake and I wish Buzz many years of good health and happiness!

—Ed Rusinek, Editor

The Silent Majority

by Stan Guzy

ALTNEU, IRWIN J. 81 – of La Mirada, CA passed away on August 22, 2009 after losing his battle with liver cancer. Irwin retired from Space Division in 1986 after 35 years of service. He is survived by his wife of 58 years, Shirley.

ASHLEY, GEORGE E., – of Fullerton, CA passed away on April 25, 2009 after a short illness. George retired from LAD in 1970 after 32 years of service. He is survived by his daughter Laura Cahill.

BANNARD, RAYMOND O., 93 – died in Toney, AL on June 23, 2009. Ray retired from LA/Palmdale in 1976 after 37 years of service. He is survived by his loving wife Nora, also a LA/Palmdale retiree.

BECKINGTON, ARTHUR R., 86 – passed away in Fallbrook, CA on May 5, 2009. With an MS degree in Aerospace Engineering from MIT, Art served on several aerospace projects for over 40 years service before retiring. He is survived by his wife, Hazel.

BENTLEY, JACK, JR., – of Placentia, CA. Bulletin returned stamped “Deceased”. Jack retired from the Seal Beach facility in 1983 with 27 years of service.

BOLTINGHOUSE, JOSEPH C., 89 – succumbed to a heart attack on July 29, 2009 in Whittier, CA. Joe retired from the Autonetics Marine Systems Division in 1988 with 37 years of service. He attained 12 patents for gyroscope design. His invention of the solid beryllium rotor for the ESG using the modulation of capacitance, used in the Navy’s Trident I and Poseidon ESG Monitors, earned him one of the top ten NAA/RI Engineer of the Year Awards in 1976. He was the 1974 recipient of the Thomas L. Thurlow award for his outstanding contribution to the science of navigation. Additional accomplishments included work on the Stable Platform and Free Rotor Gyroscope. He was a top scientific mind in the technology of inertial navigation. Joe is survived by his loving wife of 54 years, Helen.

BUCKNER, ARNOLD A. “BUCK”, 78 – succumbed in Vacaville, CA on May 30, 2009. Buck started at LAD in 1955 as a precision grinder, retiring in 1985 as a manufacturing engineer. He served on the B-1A and B-1B and at Rocketdyne on the Space Shuttle Main Engines.

COONTZ, LELAND I., JR., 74 – passed away on June 9, 2009 in Orange, CA. He served on several NAA aerospace projects. After retirement, he joined the Northrop Corp. as a research engineer, retiring for a second time in 1994. He was recognized for his creative technology and aerospace business strategies, including nine patented technical inventions.

DIDONNA, ANTHONY “TONY”, 72 – passed away after suffering a stroke on May 22, 2009. Tony joined NAA/RI after serving in the Navy. He retired as a manufacturing manager after a successful 35-year career. He is survived by his wife, Mary.

DUNGER, JAMES E., 73 – Jim passed away suddenly on June 9, 2009 while winning his weekly game of pool from his close friends in Lincoln, CA. He served as an aerospace engineer at NAA/RI until he became an attorney in 1976, specializing in business and real estate matters. Jim will be sorely missed by his wife of 52 years, Marilyn.

EDWARDS, RICHARD P. “DICK”, 75 – passed away suddenly on June 3, 2009 while at the tiller of his sailboat and in

the lead in the Wednesday Night Sailboat Race on Clear Lake in Houston, TX. Dick served on the Saturn and Space Shuttle programs in Downey and was transferred to Houston in 2002 where he continued to work on the Space Shuttle. He helped establish the California State Science Fair and cofounded the Space Settlement Design Competition which involved over a 1,000 high school students annually worldwide. He is survived by his loving wife of 23 years, Anita Gale.

EVANS, RICHARD D. “RICK”, 73 – of Palos Verdes, CA died on March 12, 2009 as a result of complications from a stroke. Rick served in Engineering on the B-1 and later in Program Control on the GPS program. Rick was a second-generation NAA employee. He is survived by his wife Susan.

FLYNN, RAYMOND H., 86 – of Anaheim, CA died of Alzheimer’s disease on May 14, 2009. A Lt. Commander, JAG, during WWII, Ray joined Rockwell as a contract administrator at Space, Autonetics, and Corporate. He is survived by his wife, Betty.

GARCIA, PAUL A., 81 – of Corona, CA, passed away on May 14, 2009. Paul joined NAA at Downey in 1948 as an electronics engineer. His 40 years of service included assignments on the Apollo and Space Shuttle programs developing and supporting flight control system test and operations. He was preceded in death by his loving wife of 60 years, Eloise.

GIBSON, W. FREDERICK “HOOT”, JR., 81 – succumbed to pneumonia in Long Beach, CA on May 27, 2009. A proud Texan from Texas A&M, Fred joined the Stress Group at Downey in 1951 where he quickly acquired the nickname “Hoot” after the famous cowboy actor. He was a dedicated and capable stress engineer on all NAA/Rockwell space programs for 35 years until he retired in 1986. Fred is survived by his loving wife Mary.

GRISWOLD, RICHARD C., 69 – died on April 8, 2009 in Warner Robins, GA. He retired from B-1B Field Service in 1999 after 33 years of service. He is survived by his daughter Diane.

HEPWORTH, GEORGE W., 88 – passed away in Magalia, CA on May 16, 2009 after a lengthy illness. George retired from LAD in 1977 after 36 years of service. His passing was reported by his sister Pat Scott, another NAA retiree with 40 years of service.

HERZOG, MAXINE, 80 – of Lakewood, CA, passed away in Long Beach Memorial Hospital on June 8, 2009 after a recurring battle with cancer. A single parent, she started in Downey in Manufacturing where she was responsible for assembling wiring bundles for the Apollo and Space Shuttle vehicles. Maxine retired in 1995 with over 40 years of service. She is survived by her son, Kenneth, and daughter, Denise. She was a hard working lady with an undauntable spirit. She will be dearly missed by her family and friends.

HOLT, MILLARD R. “JACK”, 88 – passed away in Riverside, CA on June 26, 2009. Jack retired from the U.S. Air Force in 1961 as a Chief Master Sergeant. In 1986, he retired from Space Division. Interment will be at Arlington National Cemetery.

HOLES, CHARLES E., 92 – of Lynden, WA, died on January 9, 2009 of a heart attack. Charles retired from LAD in 1977 after 29 years of service at Space Division and LAD.

HUNTER, JOHN W., 91 – of Sun City, CA, died on June 13, 2009 of natural causes. John started at LAD in 1941 on the B-25 program. He later transferred to Space Division on the Apollo project. He retired in 1978 as a Manufacturing supervisor with 37 years of service. He is survived by his loving wife of 68 years, Winifred.

JACKSON, MARY JANE, 87 – passed away on May 31, 2009 from pancreatic cancer. In WWII, Mary enlisted in the U.S. Navy WAVES and served in the Reserves. She retired from NAA/RI in 1990.

JOHNSON, MAL, 86 – died on June 19, 2009. He had been ill for quite some time before his demise. Mal worked at the Autonetics facility for over 38 years and retired in 1987.

MILLER, MICHEL “MIKE”, – of Walnut, CA. Bulletin returned stamped “Deceased”. Michel retired in 1985 after 17 years of service on the B-1 at LAD and at Space Division.

MUNSEY, EDWARD H., 87 – of Fountain Valley, CA, died on April 26, 2009. Ed retired from Downey in 1993 after 29 years of service including a stint in Shuttle Integration. He is survived by his loving wife of 52 years, Edith

NESTOR, JOHN J. “JAY”, 77 – passed away peacefully at home in Tustin, CA surrounded by his family after a courageous fight against cancer. Jay instructed foreign air force pilots in the field for many years as an Autonetics Technical Representative. He and his wife eventually settled in Tustin, CA in 1968. He continued with Autonetics until he retired from NAA/RI/Boeing after 40 years of service and continued “old school” consultations with Boeing until early 2009. He is survived by his wife Carolyn.

NORTHWAY, JERRY – of Gardnerville, NV. Bulletin returned stamped “Deceased”. Jerry retired from LAD in 1991 with 11 years of service.

O’KELLEY, BRUCE E., 81 – passed away in Cushing OK on June 12, 2009. Bruce retired from the B-1 program at Palmdale in 1987 after 26 years of service as an engineer. He is survived by his wife Jerry.

OLSEN, BURTON R., 88 – died peacefully on July 3, 2009 in Placentia, CA after a short battle with mesothelioma lung cancer. Burton retired from NAA/RI as a Quality Control inspector after 38 years of commendable service. He was preceded in death by wives, Patricia and Edith.

PARTRIDGE, (McCUNE), ARDYS A., 93 – passed away on July 7, 2009 from undisclosed causes. Ardys’ service for 27 years as an associate manufacturing engineer included the Apollo Project. She is survived by Roland, her husband of 29 years.

ROBINSON, AUDREY L., 87 – of Richardson, TX died on June 23, 2009. Audrey was a secretary at the executive level on the B-1 program. She had 15 years of service when she retired in 1984. Her late husband, Lawrence, was a model design engineer at NAA and both were very dedicated in their service to the company.

SCHORMANN, KATRINA “KATHY”, 76 – passed away peacefully at her home in Mineola, NY on March 12, 2009. A graduate of the University of Miami, Kathy joined NAA/Rockwell as an electrical engineer on the Apollo program and served on several other programs. She is survived by her brother George.

STOLLER, CLEMMONS W., 80 – passed away on July 28, 2009 in Riverside, CA. Clem joined NAA after service with the Navy in the Korean War. He worked in the Calibration Lab on the Apollo program and then transferred to Autonetics where he maintained the ovens used to make integrated circuits. Internment was at the Riverside National Cemetery.

WEINER, G. DOUGLAS, 82 – was reported to have died on March 8, 2009 from complications resulting from Alzheimer’s disease. He served for over 30 years as a Facilities specialist on new construction for Corporate Offices. He is survived by his wife Eileen.

WINTER, DANIEL L., 83 – passed away on December 22, 2008 in Torrance, CA. Dan retired from the LA Division in 1986 after 20 years of service.

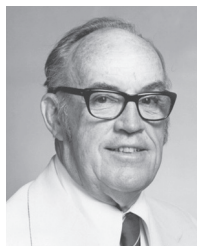
PAX DOMINI SIT SEMPER VOBISCUM

IN PASSING

It is always amazing how little family members know about what their deceased Mom or Dad did for so many years to provide food, clothing, shelter, and perhaps, even a college degree. One daughter called us and didn’t even know which “airplane” company employed her father. It is true that many of us worked on classified programs but that was decades ago. Do your family a favor and jot down on a 3x5 card what Divisions you were with, Programs you supported, Tasks you performed, Years of Service, and the Year you retired. Remember! Whether you were a vice president or a janitor, you are NAA family and we love you for your service!

The Silent Majority

by Stan Guzy



O'MALLEY, THOMAS "T.J.", 94 – passed away on November 7, 2009 in Cocoa Beach, FL after a brief battle with prostate cancer. Tom was in charge of the Mercury team that launched John Glenn. He joined NAA after the Apollo I fire and served as Director of Apollo Launch Operations from 1967 to 1969. He then served as Vice President

and General Manager of Florida Operations for the Apollo and Shuttle programs from 1969 to 1981. He is survived by his loving wife of 65 years, Ann. He was a very aggressive leader and a generous friend. God be with you, Tom.



CALDEIRO, FERNANDO "FRANK", 51 – a NASA Astronaut and the first of Argentinean descent to train for space flight, died on October 3, 2009 in Houston, TX after a two-year battle with brain cancer. After obtaining an MS degree from the University of Central Florida, Frank joined Rockwell International to serve on the

checkout and delivery of all 100 B-1B bombers to the USAF. In 1988, he transferred to KSC as a specialist on the Space Shuttle main propulsion system. In 1991, he joined NASA as an expert in cryogenics and propulsion systems and took part in 52 space shuttle launches before being chosen as an astronaut candidate in 1996. Although never assigned to a mission, Frank served many key roles as the lead astronaut. He is survived by his loving wife Donna Marie.

AHRENS, ALBERT L. "AL", 87 – succumbed after a long battle with prostate cancer at home in Westminster, CA on July 19, 2009. Al joined NAA in July 1945 after serving on the *USS Guadalcanal* during World War II as a Navy pilot. He was assigned to several programs including the F-86, B-70, B-1 and the Space Shuttle in Downey. He retired from Space Division in 1982 with more than 36 years of service. He is survived by his loving wife Nell.

BARKER, PAUL, 72 – died September 18, 2009 in Waikoloa, HI. Paul started in Downey as a subcontract administrator on the Apollo and Saturn programs and was promoted to manager on the Space Shuttle. In 1974, he transferred to the Satellite Systems Division at Seal Beach as a director, then returned to Downey as director of Central Procurement. He subsequently transferred to the B-1 Division as a Materials director and left Rockwell in 1988 with 23 years of service. He is survived by his wife Francine.

BLAIR, THOMAS A. "TOM", 87 – passed away on October 1, 2009 in Port Angeles, WA. Tom retired in 1982 as a Manufacturing manager on the Apollo and Shuttle programs in 1982 after 36 years of service. He is survived by his loving wife of 54 years, Rosalie.

CAMPBELL, GERALD J., 80 – passed away at home from undisclosed causes. He was a shop manager when he retired after 26 years of service. He is survived by his loving wife of 59 years, Charlene.

CRABTREE, FRANCIS W., 91 – passed away in Hemet, CA on August 26, 2009. Francis served in the Philippines during World War II and joined Rockwell where he served on the

guidance system for the Apollo program. Burial took place at the Riverside National Cemetery.

DUNEER, ARTHUR G., JR., PhD., 84 – succumbed to a combination of pneumonia and pulmonary embolism on August 15, 2009. He graduated from Rensselaer Polytechnic Institute with a B.S. in Physics and later returned to earn a doctorate in Nuclear Physics. In 1964, he joined NAA to work on the re-entry shielding for the Apollo space modules. He later transferred to the Autonetics Anti-Missile Division where he worked until he retired in 1987. He is survived by his wife of 58 years, Lillian.

FLATTEN, ORRIS H., 85 – of Durango, CO died peacefully on October 13, 2009 in Newport Beach, CA. Orris joined Autonetics in 1952 after earning an M.S. degree in Electrical Engineering and specialized in the design of guidance systems. In addition to having numerous patents on guidance system components, Orris also invented and had patented the infusion pump for intravenous machines now used in hospitals worldwide. He retired in 1981 with 28 years of service. He is survived by his wife of 54 years, Ann.

GILLESPIE, THOMAS L., 78 – passed away peacefully on September 10, 2009 at St. Joseph Hospital in Orange, CA surrounded by his family. Tom's career at NAA/RI spanned 34 years when he retired as an Employee Practices Manager in 1990. He is survived by his wife Beverly.

GRAN, KENNETH G., 92 – passed away at his home in Seal Beach, CA on November 7, 2009. After serving in the U.S. Army Air Corps, Ken accepted a position with NAA as a manager. He was a Shuttle Launch Honoree in 1982 and retired in 1983 after 35 years of service.

HALL, MARY M., 81 – passed away on August 22, 2009 in Pahrump, NV. Mary retired from the Tulsa Division in 1983 with over 31 years of service. She started as an assembler at the Columbus Division in February 1952 and advanced in positions to electrician, production control, purchasing and departmental clerk. One of her thrilling moments was to see the first F-100 built at Columbus perform its maiden flight. She later was transferred to the Tulsa Division. Her husband, George, also served at both plants and preceded her in death in 1998. Spunky Mary wrote this obituary just before she died. God Bless you Mary!

HOLLAND, WILLIS L., 92 – died at his home in Orange, CA on September 24, 2009 from undisclosed causes. He served at NAA/RI for 42 years when he retired. He is survived by his wife of 69 years, Zelma.

KEITH, MARK, 87 – of Nipomo, CA passed away on September 6, 2009 surrounded by his family. Mark started at NAA in 1941 in the blueprint department and ultimately became the Director of Data Services. He was recognized nationally as an expert in his field when he retired in 1984. He is survived by his loving wife of 61 years, Dolores.

KELLY, TED J., 90 – of San Dimas, CA died on July 14, 2009 after a long illness. He was the L&T planning supervisor in Downey on the Hound Dog, Apollo, and Shuttle programs when he retired with 37 years of service. He is survived by his wife Jeannette.

KEMPER, EDWARD "ED", 89 – passed away in his sleep

on October 20, 2009 in Elk Grove, CA. Ed retired as a project manager from the B-1 Division in 1979 with 36 years of service. He is survived by his wife of 63 years, Lillian.

LANE, WILLIAM J., 72 – died peacefully in Whittier, CA on September 25, 2009. Bill served his entire career at NAA/RI/Boeing until he retired 2001. He is survived by his wife Clara.

LINCOLN, RONALD H., 78 – passed away on July 3, 2009 in Hemet, CA after a valiant battle with cancer. Ron served in many divisions and retired from the B-1 Division in 1990 after 30 years of service. He is survived by his wife Jeanne.

McKIM, CHARLES E. “CHUCK”, 89 – of Clifton, CO died on August 20, 2009 at a hospice in Grand Junction surrounded by his family. During WWII, Chuck joined the Navy and his ship transported British and Canadian troops to Normandy on D-Day. In 1948, he was recalled to active duty and taught electronics at the Naval War College. He joined NAA as an electronics technician. He worked on various missile programs and culminated his career as a Post-Flight Test Engineering Technician on the Apollo Program. He was a member of the Recovery Team on the U.S. carriers that sailed out in the Pacific Ocean to recover the Apollo Command Modules after they splashed down. He retired from Space Division in 1970 with 20 years of service. Chuck is survived by his loving wife of 67 years, Mildred. We shall always remember Chuck for his booming voice, filled with a good heart.

MORAN, CORNELIUS P., 78 – died on August 20, 2009 in Fullerton, CA. He served as a lead engineer at Autonetics and Space Division. He was instrumental in the development of the first computerized on-board navigational system for the Space Shuttle. He is survived by his wife Lucille.

OPHIEM, WALLACE S., 85 – a resident of Villa Park, CA he passed away on August 16, 2009 from undisclosed causes in Mission Viejo, CA. Wallace retired from Collins Radio in 1984 after 35 years of service.

ORMSBY, RICHARD R., JR., 71 – died at his home on August 11, 2009 after a brief but valiant battle with cancer. He served for many years at NAA/RI as an electrical engineer before retiring. After retirement he became an independent computer consultant.

PARDEE, ROBERT L., 85 – of Minden, NV died in Rancho Mirage, CA on March 22, 2009. Bob served as a project engineer in Defense Electronics Ops for 29 years when he retired in 1985. He is survived by his wife Antoinette “Toni” who is also a retiree.

PINTO, JOE, 89 – of Camarillo, CA passed away on September 7, 2009. Joe served on the Apollo and Space Shuttle programs for 37 years and retired as a supervisor in Planning in 1984.

ROWELL, GEORGETTE, 84 – of Brea, CA passed away on April 29, 2009 of heart failure. She started at LAD, then Downey and finally at Seal Beach. In Program Planning & Control she supported the Saturn II, P80 Satellite, and Teal Ruby programs. She retired in 1990 with more than 30 years of service.

SHARP, JAMES R., 67 – of Crooked River, OR passed away on July 28, 2009. He served at Space Division and Seal Beach in Property Management for 12 years. He is survived by his wife Mary.

SILVA, HERMAN A., 95 – died from undisclosed causes on September 16, 2009 in Santa Ana, CA. He retired from NAA/RI in 1980. He lost his beloved wife, Molly, in 1987 after 50 years of marriage.

SNIDER, WILLIAM M., 88 – passed away in Apple Valley, CA on June 26, 2009 of cancer. Bill served for 32 years at Rocketdyne, LAD, Palmdale, and Space Division when he retired in 1979. He is survived by his loving wife of 60 years Helen.

STRONG, PERRY J., 77 – died on August 22, 2009 from undisclosed causes. Perry served his entire career at NAA/RI until he retired in 1995. He is survived by his wife Patricia.

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MARJORIE BINDER – LAS VEGAS, NV

W. I. (BILL) CROWLEY – MONROE, WA

CHARLES H. KELCH – ANAHEIM, CA

JANE S. (GEORGIA) STONE – NORTH FT. MYERS, FL

PAX DOMINI SIT SEMPER VOBISCUM

North American Aviation Retirees Bulletin

The Silent Majority

by Stan Guzy

ANDERSON, PAUL R., 86 – of Scottsdale, AZ. Retirees Bulletin notice returned stamped “Deceased”. Paul died on December 17, 2009. He retired from LAD in 1980 with 30 years of service. Paul is survived by his loving wife of 56 years, Maribeth.

ARDANAZ, ARNOLD “BUD”, 71 – passed away on November 28, 2009 from undisclosed causes. Bud grew up in Inglewood, CA, attended Mt. Carmel HS in Los Angeles, went to USC on a football scholarship, and graduated in 1961. He worked at NAA/RI for 34 years. He leaves behind his wife of 54 years, JoAnn.

BOWMAN, FRED A., 81 – a resident of Trinity, TX, Fred passed away on September 15, 2009. Fred retired as an engineer from Space Division-Houston in 1988 with 33 years of service. He is survived by his loving wife of 57 years, Colleen.

BOWSER, LAWRENCE G., SR., 86 – passed away on November 23, 2009 from undisclosed causes. He was preceded in death by his wife, Ferne Francis. He had traveled the world on top-secret projects and the B-1 Bomber, Space Shuttle, Space Station and many others during his service with NAA/RI.

CLARK, ROBERT J., 90 – of Oxnard, CA passed away suddenly on November 28, 2009. A Cal Tech graduate, he was a noted aircraft designer on the XAJ bomber. He later was the NAA representative in Europe and was named a delegate to NATO where he was assigned to the NATO Industrial Advisory Group. He completed 27 years of service and retired from the NAA Corporate Office in 1970. He is survived by his wife “Midge”.

COKELEY, EDMOND R., 90 – died in Yorba Linda, CA following a stroke on November 25, 2009. He had served in WWII as an advanced flight instructor at various airfields in Texas before being sent to MIT in Boston for graduate school in aeronautical engineering. Upon completing his MBA program, he was reassigned to the Air Force Research and Development Center at Wright-Patterson Field in Dayton, OH. As WWII came to an end, Ed began a long career with NAA/RI where he directed flight test activities on the X-15 at Edwards AFB; managed the Minuteman Safety Program on the Minuteman GPS at Autonetics; and in the final phases of his career, served as System Safety Project Engineer on the Space Shuttle Program at the Space Division in Downey, CA. During his service at NAA/RI he earned two additional MBAs and completed the coursework for his PhD in Engineering from Arizona State University. Ed retired from NAA/RI in 1990 at the age of 71 with 40 years of service. Ed will always be remembered for his repertoire of funny stories. He was preceded in death by his first wife, Patricia; his second wife, Doris; and survived by his third wife, Georgia.

CROWLEY, WILLIAM I. “BILL”, 86 – passed away on April 13, 2009 of a heart attack in Monroe, WA. Bill served with the U.S. Marine Corps in the Pacific during World War II. He joined NAA with Missile Systems in Neosho, moving later to Space and Aircraft at Tulsa in Production Control and Program Management. He was the Program Manager on the Boeing 747 projects. Bill also served on the “Lighter Than Air” technical committee of the AIAA. He retired from Tulsa in 1989 with 41 years of service.

CUPPS, JOSEPH L., SR., 87 – died December 2, 2009 from undisclosed causes. He retired from the Autonetics Division of NAA/RI in 1981 after 28 years of service. Joe is survived by his wife, Lola Mae.

DANIELSON, OPAL R., 95 – died peacefully on January 29, 2010. Opal had been employed at NAA/RI and McDonnell Douglas as a Supply Coordinator for over 30 years prior to her retirement. She was preceded in death by three husbands.

DE LANDA, ADRIAN, 86 – Adrian died on December 15, 2009 from undisclosed causes. He retired from NAA/RI after 28 years of service and immediately began a 25-year career in Real Estate. He is survived by his beloved wife, Emilia.

DOMINGUEZ, RUBEN “SMILING RUBE”, 84 – of Yorba Linda, CA died on December 4, 2009. He retired from RI as a navigational instrument engineer after 36 years of service. His wife of 38 years, Josephine, survives him.

EARLY, HELEN, 92 – passed away at home in Wheaton, IL on October 2, 2009. She joined NAA at LAD in 1950 and retired from Downey in 1977. Although she only had a high school education, she advanced to a design engineer on the Apollo and Space Shuttle after working on the X-15, B-1, and the XB-70 programs.

FONT, HENRY “HANK”, 96 – succumbed to emphysema in Long Beach, CA on January 24, 2010. A graduate of Whittier College (BA) and Stanford University (MBA), Hank joined Autonetics in 1950 and served as an administrative assistant until 1979. He resided in the Belmont Shore area of Long Beach for over 60 years and was never married.

FOWLER, JACK L., – passed away on November 15, 2009 in Sharpsburg, GA. He served at NAA/RI for 27 years. He is survived by his second wife of 27 years, Vera Mae.

HILTON, HERBERT C. “CHUCK”, 91 – of Wickenburg, AZ passed away on December 7, 2009. Chuck joined NAA at LAD in 1951 and retired from Rockwell Anaheim in 1984 with 33 years of service. He is survived by his loving wife of 53 years, Diane.

JOHNSON, DARRELL L. “MIKE”, 83 – of Westminster, CA died suddenly on October 1, 2009 following an accident from the day before. Mike joined Rocketdyne in 1955 and continued at Corporate in El Segundo and Pittsburgh before he retired in 1978. Mike was predeceased by his wife of 47 years, Joyce, who also served at NAA from 1945 to 1972.

KAYLOR, JANET, 75 – of Buckeye Lake, OH, passed away in Jensen Beach, FL after a long series of illnesses. Jan started as a secretary in Quality Control at the Columbus Division in 1956. She transferred to Engineering as a secretary in the Design Group in 1959 and left in 1963 to become a full-time stay at home mother. She is survived by her husband of 47 years, Norbert. He retired from Engineering in 1989 with 34 years of service.

KRAUSE, JAMES A., 84 – of Buena Park, CA passed away on November 9, 2009. James had been an Executive Chauffeur for NAA/RI for 27 years. He is survived by his wife, Robbie-Joe.

LEABERRY, GORDON A., 71 – passed away in Las Vegas, NV on November 16, 2009 after a sudden illness. Gordon immigrated from England at the age of 17 and eventually became a

tool design engineer. He joined NAA and was project manager on several projects including the B-1 wing carry-through. He retired from Tulsa/LAD Tooling in 1993 with 22 years of service. He is survived by his loving wife Jeanne.

LISTON, JEAN, – of Los Alamitos, CA retired from the Seal Beach facility in 1991 with 31 years of service. Retirees Bulletin returned stamped “Deceased”. No further information was available.

MARTZ, KENNETH W., 84 – passed away on January 24, 2010 from undisclosed causes. He had served our country in the Navy and helped put men on the moon as an Apollo engineer at the Space Division in Downey, CA. He is survived by his wife, Edwina.

McCOY, BEATRICE M., 78 – died on September 15, 2008 in Boise, ID. Beatrice retired from Satellite Systems in 1990 after 27 years of service as an administrative assistant on the Apollo program in Downey and the NAVSTAR GPS in Seal Beach.

MORRIS, GEORGE L. “BUD”, 77 – passed away at home in Lewiston, CA on April 18, 2009. George retired from Autonetics in 1987 with 22 years of service on the assembly line and 5 years in management. He is survived by his loving wife of 44 years, Gwen. She also retired from Autonetics with 27 years service.

OLSON, JOHN M., SR., 90 – passed away on December 25, 2009. A long time resident of Orange County, he worked in electronics at the Autonetics Division for many years. His specialty was in timing devices for the U.S. missile programs and he was adept at troubleshooting and repairing the devices. He was preceded in death by his wife, Bernice.

PISEY, GEORGE F., 86 – of Westminster, CA died on July 16, 2009. George worked on the Shuttle/External Tank disconnects in Downey and the Shuttle tiles at Edwards AFB. He retired in 1989 with 26 years of service. He is survived by his wife of 56 years, Gay.

ROTHSCHILD, BILL F., 85 – passed away at The Village in Sherman Oaks, CA on December 28, 2009. He was trained

and formally educated in the field of chemistry, receiving an MS degree from the University of Chicago. His work as an electrochemist in the aerospace industry at the Autonetics Division and General Motors resulted in the award of two patents. In 1978, he was named as one of NAA/RI’s Engineers of the Year. He is survived by his wife of 60 years, Trudy.

SCHRADER, ROBERT L. “BOB”, 82 – of Manhattan Beach, CA, died on November 24, 2009 as a result of a vehicle accident in Morongo Valley, CA. After serving with the Navy in the Pacific during World War II, Bob attended a photography school and was hired by NAA in 1952 to work in the dark room photo department. He was promoted to Industrial Photographer and flew in the rear seat of chase fighter planes to photograph the XB-70 and the X-15. He retired in 1992 with over 42 years of service.

STEELE, ELBERT S., 84 – passed away in Salt Lake City, UT on January 6, 2010. Elbert was a B-17 pilot with the 8th Air Force, flying over 20 missions. Near the end of the war, his crew dropped food to the starving people of the Netherlands. He joined NAA as an engineer on the F-100, X-15, XB-70, and the B-1. He retired in 1985 as an engineering supervisor with 37 years of service. For many years, Elbert and his beloved wife, Beth, were very active in their church, including a mission to the Philippines.

THOMSON, WALLACE B., 92 – passed away peacefully in Prescott, AZ on December 28, 2009. Wally served as a U.S. Marine Corps fighter pilot in the South Pacific during WWII. During his service in aerospace he acquired six patents and retired from Boeing as an Engineer of the Year. He is survived by his wife Myrtle.

VARNEAU, G. “GORDY”, 89 – passed away peacefully on January 12, 2010 in Las Vegas, NV. He served in the U.S. Army Air Force during WWII as a pilot and eventually became a flight instructor. In 1948 he joined NAA as a field engineer, traveling to Air Force bases worldwide providing instruction to pilots. He was preceded in death by his wife, V. Faye.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

JAMES G. CLUNE – AUBURN, CA

DIANE GRISWOLD – WARNER ROBINS, GA

LUCY KANDROTAS – HAWTHORNE, CA

GEORGE A. PATTERSON, JR. – FALLBROOK, CA

KENNETH L. PIERCE – MENIFEE, CA

NORMA WOLF – ROLLING HILLS ESTATES, CA

CLARIFICATION PLEASE: It was pointed out to the Editor that Mr. Bastian “Buzz” Hello was Vice President and General Manager of North American Aviation Operations at KSC through 1969. Near the end of December 1969, he transferred to California to take charge of the Space Shuttle Proposal effort. At the same time, Mr. Tom O’Malley was promoted to fill the position vacated by Mr. Hello. Hence, both gentlemen were in charge of operations at KSC in 1969, even if only for a few days.

The Silent Majority

by Stan Guzy



MARTIN, ALBERT C., 86 – died in Cocoa Beach, FL on March 14, 2010. Al joined NAA in 1951 as a flight test engineer on the Navaho Project in Downey. In 1955, he transferred to Florida as Navaho G-28 Test Conductor. He returned to Downey in 1960 to lead Saturn S-II Test Operations and in 1965 went back to Florida as the Director of S-II Launch

Operations. Upon completion of the Apollo Program, he returned to Downey as Chief Engineer Shuttle Systems Integration and later as Chief Engineer Orbiter DDT&E. His final move to Florida came in 1982, retiring in 1990 as Vice President, Florida Operations. He ended his career with NAA/RI and the KSC as a respected leader. During WWII, Al was a B-26 Marauder bomber pilot with the 9th Air Force in Europe. He had graduated from the University of Texas with an aero engineering degree. Al was preceded in death in 1994 by his wife of 49 years, Helen. He subsequently remarried in 1995 to “Dowee”, a high school friend. (This is the bio that Al wrote himself for the Retirees Bulletin in 2002. It is added here because his many friends will be trying to remember him in his many roles with NAA.)

MAHURIN, WALKER “BUD”, 91 – died May 11, 2010 at his home in Newport Beach, CA. A tenacious fighter pilot, he was the only Air Force pilot to shoot down enemy aircraft in the Europe, the Pacific and in Korea. In November 1943, he became the first pilot in the European Theater of to shoot down 10 enemy planes. In 1944 he became commander of the 3rd Fighter Squadron in the Philippines. Flying a P-51 Mustang, he scored his only aerial victory in the Pacific. He went on to score 3.5 aerial victories in Korea, flying an F-86 Sabre jet with the 51st Fighter Interceptor Wing. In 1952, he was shot down by ground fire, crash landed and spent 16 torturous months as a POW. After serving with the Air Force, he joined NAA at Downey in 1956. He is survived by his wife of 40 years, Joan.

WENDT, GUENTER, 85 – died at home on Merritt Island, FL on May 3, 2010. The “Pad Fuhrer” as he was known, was the original pad leader for NASA’s Manned Space Program and was the last man the Apollo astronauts saw before launching to the moon. It was his commitment to their safety that earned Guenter the respect of the astronauts. He oversaw their safety through the Apollo program and beginning flights of the Space Shuttle. He retired from the Space Program in 1989, after serving on the accident review board convened at Kennedy Space Center to investigate the loss of Space Shuttle *Challenger*.

AUMILLER, RUSSELL “RED”, – passed away on February 9, 2010 in Gilbert, AZ. Red hired in at LAD at the age of 18 in 1954 and retired from Space Division in 1988 as an outside contact man with 35 years of service. He is survived by his wife of 59 years, Marlene.

CARSON, HASKEL E., 84 – left this world on May 6, 2010 from undisclosed causes. After two separate stints of service in the Navy during WWII and Korea, Ed obtained his degree in physics and eventually joined NAA/RI. He served as project

manager on several programs including the Peacemaker Missile and the Rail Garrison prior to his retirement in 1986. He made many friends and kept in contact even after retirement. He is survived by his wife of 64 years, Ruby.

CHAMBERLAIN, WAYNE G., 89 – of Missoula, MT died on February 14, 2010. Wayne joined LAD in 1940 and subsequently worked on the X-15, Mercury, Apollo, and B-1B projects. He retired from the Sabreliner Division in St. Louis in 1985 with 41 years of service.

COMER, BETTY M., 88 – passed away on July 11, 2009 just a few weeks short of her 89th birthday. She retired from Rocketdyne in 1983 after 25 years of dedicated service. Betty’s husband also worked at Rocketdyne and her son works there currently. They have a combined cumulative service of over 65 years with NAA/RI.

CRYSTAL, SIDNEY M., 88 – from Santa Clarita, CA departed this life on March 10, 2010. He worked as a graphics engineer in the Prospective Drafting Design Support group at NAA, Rocketdyne and Boeing. He retired from LAD in 1981 after 20 years of service on projects such as Gemini, Apollo and the B-1 bomber. He is survived by his wife of 62 years, Virginia.

DAPICE, JOSEPH, 88 – of Perris, CA, passed away on March 19, 2010. A World War II veteran, Joseph served for 29 years at North American Aviation/Rockwell. He is survived by his wife Margaret.

DEVITO, ORLANDO “JERRY”, 87 – died in Rancho Palos Verdes, CA on February 7, 2010. Jerry retired from North American Aviation/Rockwell in 1983 with 35 years of service. He is survived by his wife Eleanor.

ENGBRETSON, HAROLD J. “HAL”, 84 – a resident of Yorba Linda, CA and Longbranch, WA, Hal succumbed to cancer on April 6, 2010. He joined NAA in 1954 after obtaining his degree in electrical engineering from the University of Washington and serving in the Navy. For many years, he was considered a specialist in inertial navigation systems at Autonetics with emphasis on electro-mechanical and gyroscope systems. At NAA he was described as a laid-back thinker who preferred science to managing. He continued consulting work well into his 80s. He is survived by his wife, Jacqueline.

FLATTEN, ORRIS H., 85 – passed away peacefully of respiratory failure on October 13, 2009 surrounded by his family. Orris, a Stanford MSEE grad, joined the Aerophysics Lab in 1952 beginning an outstanding 29-year career with NAA/Autonetics in the Minuteman Auto Collimator and precision alignment verification groups. He also invented and patented the infusion pump for intravenous machines used in hospitals worldwide. Orris is survived by his wife of 54 years, Ann.

GIBBS, JESSE B., 79 – formerly of Orange, CA, died on April 19, 2010 in Las Vegas, NV from undisclosed causes. Jesse retired from Autonetics Navigation Systems Division after 35.5 years of service.

GRIFFEN, CHARLES D., 78 – a resident of Mission Viejo, CA died on March 8, 2010 from undisclosed causes. He was a USC graduate and proudly served in the Army during the Korean conflict. He retired from Satellite Systems Division in 1989 after 25 years of service. He was preceded in death by his first wife, Margaret, and is survived by his current wife, Jan.

HATCH-HIATT, MURIEL PATRICIA "PATTI", 82 – died on December 25, 2009 at her home in Oceanside, CA after a brief illness. Heeding her mother's advice, Patti joined NAA on January 23, 1945, a day after her 18th birthday. She began in Contract Terminations and Claims and moved on to Public Relations. In 1951, she became executive secretary to Mr. Lee Atwood, a position she held for 27 years. She worked closely not only with Mr. Atwood but with Mr. Dutch Kindleberger in the expansion into the Space Age. She retired in 1981 with 36 years of service. Patti and her husband, Richard, were married for 57 years until his death on December 2005.

HORTON, JAMES E., 81 – died on March 18, 2010 at his home in Los Angeles, CA of complications resulting from dialysis and lung cancer. James retired in 1986 after 31 years of dedicated service in the NAAO/LAD Tooling Department as the manager of Plastics and Bonding. He was well respected in management circles. His wife, Hilda, survives him.

HULICK, RALPH, – the Bulletin was returned stamped "Deceased". Ralph retired from Autonetics-Strategic Systems in 1993 with 39 years of service.

JACOBSON, EDWARD G., 70 – passed away peacefully at his home in Menifee, CA on March 17, 2010. Ed retired from Space Division in 1994 after 35 years of service. He was preceded in death by his wife, Patricia Ann.

JUDSON, GILBERT E. "GIL", 93 – passed away in Grants Pass, OR on March 12, 2010. Gil managed the salvage crib during the B-1B program. He retired with 32 years of service.

KNOWLLEN, FLOYD H., 83 – died on April 11, 2010 from undisclosed causes. Floyd earned a B.A. in engineering at UCLA after serving in the Army Air Force during WWII. He worked on the Saturn, Apollo and Space Shuttle programs during his 30 years at NAA/RI. He retired at 82 after an additional 27 years at the Aerospace Corporation. He is survived by his loving wife of 35 years, Joanne.

LINDSAY, JOHN D., 84 – of Fullerton, CA died on March 20, 2010. A WWII veteran, John graduated from Oklahoma A&M with a degree in electrical engineering and joined Autonetics as an aerospace engineer. He is survived by his loving wife, Lois.

McDERMOTT, RAYMOND, 79 – of Torrance, CA passed away on February 16, 2010 after a very difficult battle with cancer. Ray joined the Air Force in 1948 and then moved to California where he served for 18 years at NAA as a firefighter and security sergeant. Ray is survived by Myrtle, his loving wife of 59 years.

METZNER, ROBERT J. – passed away on January 25, 2010 in Lancaster, CA after a severe stroke. Bob was a Rocketdyne test engineer who helped develop fuel efficiency techniques for the Apollo project. He retired from Rocketdyne in 1998 after 35 years of service.

MORAN, CORNELIUS P. "C.P.", 78 – died August 20, 2009 in Fullerton, CA from undisclosed causes. He served in the U.S. Marine Corps during the Korean conflict and returned to California where he earned his electronic engineering degree. His

expertise at Autonetics was instrumental in the development of the first computerized on-board navigational system for the Space Shuttle. C.P. is survived by his wife, Lucille.

MULGREW, DAVID B., 88 – died in El Monte, CA on May 19, 2010. David was a Purchasing Manager when he retired from LAD in 1959 with 19 years of service to form his own aerospace company, Mulgrew Aircraft Components.

NADLER, DON, 82 – passed away on March 17, 2010 in California. He worked at NAA/RI as an electronic engineer for 32 years. Following retirement he began his own firm, Pearl Electric, for ten more years. Don is survived by his wife of nearly 60 years, Joan.

NEWTON, PETER R., 80 – died on February 24, 2010 of undisclosed causes. Born in Berlin, Germany, he immigrated to the USA in 1939, earned a B.S. from UCLA and an MBA in chemistry from USC. He served as a sergeant in the U.S. Marine Corps during the Korean War. Peter retired from NAA/RI as a chemist in 1992. His wife, Lavona, recently preceded him in death.

PIERSON, MALCOLM J., 80 – died at home in Fullerton, CA of cancer. Mal retired from Autonetics after many years of service as a facilities manager. He is survived by his wife Janet.

RILEY, JO ANN, 73 – died at Mountain Home, Arkansas on February 6, 2010 from undisclosed causes. She had retired from Autonetics' Quality Assurance in 1992 after 35 years of service.

SABEY, RICHARD B., "DICK", 82 – passed away in Warren, OH on November 11, 2010. He retired from LAD in 1982 after 34 years of service as a supervisor in Technical Illustrations. He is survived by his wife, Dottie.

SHANNON, RALPH A., 83 – a long time resident of Yorba Linda, CA died after a courageous battle with cancer on November 30, 2009. Ralph served for 31 years at Autonetics and was a key member of the proposal teams. He is survived by his loving wife of 59 years, Susan. She is also an NAA retiree with 30 years of service.

UNGER, ARNOLD J., 83 – a long time resident of Fullerton, CA, died on March 29, 2010. Arnold had been employed as an electrical engineer at NAA/RI Autonetics where he was instrumental in the design of missile guidance systems and satellite components. He retired in 1988 as the basing manager for the MX (Peacekeeper) missile after 24.5 years of service.

VANDER MEER, GERRITT T., 97 – death occurred on May 10, 2010. Retired as a production engineer from NAA/RI Autonetics with 35 years of service on military fighter programs, experimental aircraft, Minuteman missiles, and the B-1 bomber. He was preceded in death by his wife, Marian.

VAUGHT, DONALD L. 84 – Don lost his long, hard battle with heart and lung disease on April 18, 2010 at Hoag Hospital in Newport Beach, CA surrounded by loved ones. A U.S. Army veteran, he retired from NAA/RI after a successful 31-year career as an aerospace engineer. He is survived by his wife of 51 years, Georgine.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS
EDWARD ARAND, JR. – INGLEWOOD, CA

North American Aviation Retirees Bulletin

The Silent Majority

by Stan Guzy

ANDERSON, ROBERT C., 62 – died in Quinta, CA on March 20, 2010. Bob retired from Downey in 2001 where he was a property administrator.

BEERER, JOSEPH G. "JOE", 96 – of Santa Barbara, passed away on May 31, 2010. After graduating from New York University in 1936, Joe went to work for the Glenn L. Martin Company in Baltimore, MD before joining the new McDonnell Aircraft Corp. in St. Louis, MO as an expert in aircraft engine cooling systems. In 1940, he was hired by NAA as the Chief Thermodynamicist with the assignment to solve the complex coolant problems with the P-51 Mustang fighter. He went on to become the president of the NAA Missile Division, responsible for the Navaho and the Hounddog missiles. Joe retired in 1962 as corporate vice president of engineering. He is survived by his loving wife of 71 years, Virginia.

BISHOP, C. R. "RON", 77 – died in Fountain Valley, CA on August 4, 2010. He joined the NAA Production Development Laboratory on the X-15 program. Ron gained recognition in the Industry for his expertise in Non-Destructive Testing. He progressed through management on the B-70, Saturn/Apollo and Space Shuttle programs. He retired from Space Division in 1990 as Director of Quality Assurance with 32 years of service. Ron is survived by his loving wife of 51 years, Irmgard. He was a good friend. Good night Ron.

BROWN, GEORGE H., 85 – passed away on May 22, 2010 in Little Company of Mary hospital in San Pedro, CA. George was an electrical engineer with NAA for 36 years until his retirement. He is survived by his wife Maxine.

CHAVEZ, RAY, 86 – Bulletin returned, later notified that he passed away in Long Beach, CA in January 2010. Ray retired from Autonetics in 1987 with 40 years of service.

CHRISKE, JOHN "JACK", 75 – passed away in Riverside, CA on March 17, 2010 from a cerebral hemorrhage. Jack attended Michigan State University on a baseball scholarship and joined the U.S. Navy. He qualified to serve aboard nuclear submarines and was involved in covert operations with the U.S. Navy SEALs off the China coast during those critical Cold War years. After the service; he completed his education at Cal Poly San Luis Obispo, earning degrees in Electrical Engineering and Advanced Mathematics. Jack joined Autonetics, working on the F-105 fighter program. He later transferred to the Space Division to join the Apollo Ground Support Equipment (GSE) management team. He subsequently moved to the Shuttle Program as Engineering Manager of GSE before retiring in 1991. He was recalled to provide his expertise on the Soviet MIR/Space Station Program. Jack is survived by his loving wife of 52 years Patricia.

COOPER, WIL – Bulletin returned stamped "DECEASED". Our records indicate Wil retired from the Space Division, Seal Beach Facility in 1983 after 21 years of service.

DANIEL, PHILLIP G., 90 – of Hawthorne, CA passed away on May 12, 2010. Phillip was an engineer and retired in 1980 from LAD with 40 years of service. He is survived by his loving wife Helen.

EVANS, EDWIN T. "TED", 91 – succumbed to cancer in Newhall, CA on June 5, 2010. Ed retired as Vice President of Manufacturing at LAD in 1970 after 33 years of service.

FOURNIER, F. "FRENCHY" – a note from Frenchy's wife indicated he had passed away on January 7, 2009. He had retired from Autonetics in 1984 after 36 years of service.

GAMBLE, LAVERN R., 82 – passed away on July 28, 2010 in Redondo Beach, CA. After serving in the Navy, he joined NAA as a Flight Simulator engineer technician for 38 years. Vern is survived by his wife Shirley.

GATTO, ANTHONY R. "BOB", 80 – of Torrance, CA passed away on July 10, 2010. Following his discharge from the U.S. Marine Corps Bob joined Rockwell International as a manufacturing engineer. He retired after 33 years of service and started a second career in the television and film industry as a stand-in double. Bob was preceded in death in 1992 by his wife, Verna.

HANSEN, ROBERT M., 91 – of Palmdale, CA passed away June 26, 2010. Bob joined NAA in 1936 as a riveter and served 43 years until he retired in 1979. In that time, he worked on the B-25, P-51, F-86, X-15, B-70, B-1, Apollo, and Space Shuttle. Bob spent 5 years in Spain, helping a Spanish company modify F-86s and F-100s for the USAF. During this period, he advanced to General Foreman of the Machine Shop at LAD and Director of Final Assembly in Palmdale. He was preceded in death by his loving wife Audrey.

HEARN, BOB LEE, 75 – Bob was born in Tulsa, OK and migrated with his family to California during the dustbowl years. He passed away on July 20, 2010. After serving in the U.S. Army in the Korean War, he joined NAA/RI and served for nearly 40 years before retiring. After retiring, he became interested in California Impressionist art and was active in community charity work. Bob is survived by his wife of 49 years, Lynn.

HENDERSON, JOHN L., 90 – of Ventura, CA passed away on May 31, 2010. John served with the Army Air Force Technical Training Command before joining NAA in 1946. He became leadman-crew chief in Production on the FJ-1 Fury and F-86A Sabre. Transferring to Field Service, he became a Tech Rep supporting newly equipped F-86A squadrons assigned to the 4th Fighter Group at Langley, VA. This tour lasted 30 months, including 13 months in Korea. He was the first F-86 tech rep to participate in the support of the first air-to-air engagements between the Soviet built MiG-15 and the F-86 in December 1950. John provided this bio with the article he submitted to the NAAR Bulletin in 2001. He is survived by his loving wife of 66 years, Barbara. Good night John.

HEYWOOD, WILLIAM – Bulletin returned stamped "DECEASED". Nothing further available, his mailing address was Hemet, CA.

HODGETTS, KELLEY, 60 – passed away on July 8, 2010 in Burbank, CA. Kelley worked on the GPS systems in the laboratories at Seal Beach. He is survived by his wife Darlene.

HULICK, RALPH – Bulletin returned marked "DECEASED". No further information available.

HUSTER, HOWARD H., 93 – passed away in Chicago Ridge, IL on March 23, 2010. Howard retired from the Sabreliner Program in 1981 with 41 years of service.

KNOWLDEN, FLOYD H., 83 – passed away from undisclosed causes on April 11, 2010. He served in the U.S. Army

Air Forces during WWII. Floyd obtained his engineering education at UCLA and worked at NAA/RI for 30 years on a variety of Space Programs, including Saturn, Apollo and Shuttle Orbiter. He retired at the age of 82. He leaves behind his loving wife of 35 years, Joanne.

KRAGH, JAMES "JIM", 81 – of Torrance, CA passed away on April 17, 2010. Jim was a hydraulics engineer on the F-86, B-1, and B-70 before retiring from LAD in 1990 with 39 years of service. He is survived by his loving wife Evalyn.

KULUSCH, LOUIS "LOU", 84 – died at his home in Newport Beach, CA on July 26, 2010. He retired from Rocketdyne in 1988 with 22 years of service. He is survived by his wife Joyce.

MEADE, JEROME J. "JERRY", 74 – of Westminister, CA passed away on June 18, 2010 in Duluth, MN. Jerry started his life in California as a roughneck in the oil fields. He obtained a degree and joined RI as a safety engineer and advanced to supervision in human resources. After retirement, he had a very active role in Westminister civic affairs.

MEYER, LESLIE C. "LES", 78 – passed away at home in Pismo Beach, CA on February 2, 2010. Les joined NAA in 1958 as a structural engineer and computer specialist, conducting structural tests on several classified projects. He retired from Space Division in 1988 with 29 years of service. He is survived by his loving wife of 52 years, Dorothy.

MICHEL, VICTOR J., 83 – of Saint Peters, MO passed away peacefully at home of respiratory failure on June 2, 2010. Vic retired from Defense Electronics Operations at Autonetics as Manager of the Technical Information Center in 1984 with 30 years of service. He is survived by his loving wife of 59 years, Margaret.

NUNNALLY, JACKSON L., COL. USAF, 85 – a patriot to the end, Jackson passed away on July 4, 2010 in Huntsville, AL. Jackson flew P-40s and P-51s during WWII as a fighter pilot. He received his aero engineering degree from the University of Florida and then became a fighter pilot in the Korean War, flying F-80s. Between wars, he flew acrobatics as a member of the Florida Rockets. Jackson joined NAA in 1956 as a test pilot. He was the F-100 chase pilot for the Hounddog WS-131B Program, later ferried NAA personnel aboard a C-54. Retiring from the USAF in 1976 with the rank of Colonel, he retired from Rockwell International in 1987 with 13 years of service. Jackson is survived by his loving wife Eva Mae.

PATTON, W. GLENN, 87 – died on May 1, 2010 in Santa Ana, CA. Glenn retired from B-1 Division in 1986 with 26 years of service. He is survived by his wife Eva.

PEARCE, CHARLES W., 94 – of Terre Haute, IN passed away on June 10, 2010. After graduating from Curtiss Wright Technical Institute in 1942, Charles joined Bell Aircraft where he worked on the first American jet fighter, the P-59. He joined NAA in 1944 and was assigned to the design of the P-82, which consisted of two P-51s connected by an

airfoil. Subsequently, he was assigned to the F-86 designs, Models A through H. Charles volunteered to move to the new Columbus facility in 1952. With contract cancellations, his career spanned service with Lockheed in Marietta, GA, Fairchild Hiller in Hagerstown, MD, and LTV at NASA Langley Research Center. He retired from the Columbus Division in 1974 with 24 years of service. He is survived by his wife Ruby.

PRICE, WILLIAM E. "BILL", 78 – passed away in Kurten, TX on June 24, 2010. Bill joined NAA in 1964 as a member of the NAA Test Team at NASA-Houston on the Apollo Thermal Vacuum Program testing of S/C-008 and 2TV-1. Later, he moved to the Shuttle Avionics Integration Laboratory (SAIL) as a test conductor. He then transferred to the Rockwell KSC Test Team, working on the Orbiter test and checkout teams preparatory for launch. He retired from Rockwell with 28 years of service. He is survived by his loving wife Alandra.

PURPURA, FRANK A., 90 – of Placentia, CA passed away on August 11, 2010 after a long battle with cancer. After serving in the Navy during WWII, Frank joined Autonetics where he served as a project administrator in Logistics. He retired in 1990 with 37 years of service. Frank is survived by his wife, Gerry.

SANBORN, MORGAN W. "SANDY", COL. USAF, 78 – passed away in San Antonio, TX on June 21, 2010 after a protracted struggle with Parkinson's disease. Entering the Air Force in 1954, his career spanned many stations and assignments including flying F-89s over Panama City, FL, flying F-102s over Newfoundland, industry liaison at Vandenberg AFB, base commander of a radar installation on Eleuthera Island in the Bahamas, being a forward air controller over Vietnam flying the OV-10 Bronco, and lastly, "flying a desk" in the Pentagon. After retiring in 1979, he joined Rockwell International as project engineer on the Space Shuttle. Sandy retired from Rockwell in 1990 with 11 years of service.

SCARFONE, LAWRENCE L., – passed away on June 7, 2010 from undisclosed causes. He proudly served as a paratrooper in the U.S. Army Airborne Divisions during WWII in Europe. He retired from NAA/RI after many years of service. He is survived by his wife, Doris.

SHORT, DORIS J. – of South Gate, CA. Notified by the executor of her estate that she passed away in September 2009. Doris retired from Space Division with 38 years of service.

WELCH, JOHN L., 89 – of Anaheim, CA passed away on June 17, 2010. John served in the Pacific during WWII where he received the Bronze Star. Graduating from the University of Missouri. He joined Autonetics in Procurement and Quality Assurance and served for 25 years before retiring.

ZUG, DONALD L. 78 – of Fullerton, CA passed away on June 3, 2010. Don joined Autonetics as a fireman and retired as a fire chief in 1994 with 34 years of service. He is survived by his wife Carole.

LOST SHEEP – BULLETIN RETURNED WITH NO FORWARDING ADDRESS

ROBERT A. BROWN – SEYMOUR, TN

KENNETH L. PIERCE – YUMA, AZ

W. E. THIBODEAU – BOZEMAN, MT

The Silent Majority

by Stan Guzy

BAKER, DWIGHT I., 93 – passed away on August 11, 2010 at Lake Oswego, OR. Dwight joined Rocketdyne as a Senior Technical Specialist in the late 1950s. His primary field of expertise was “combustion instability” and he was instrumental in resolving the injector issues with the Apollo F-1 engine.

BEST, REUBEN D., JR., 84 – of Amesbury, MA, passed away on August 23, 2010. Reuben was a Staff Sergeant with the 398th Bombardment Squadron, 504th Bombardment Group surviving a crash landing on Iwo Jima. He joined NAA at the Columbus plant and was the first inductee to the OV-10 Hall of Fame. Burial was with full military honors.

BIRD, OLVIS R., 94 – of Tucson, AZ passed away on October 15, 2010. Olvis joined NAA at LAD, and then went on to work at the Downey and Long Beach facilities. In 1951, he transferred to the Columbus Division and retired in 1978 as a manager in the Experimental Department with 37 years of service. He is survived by his loving wife Marlene.

BOWEN, MAX, 100 – of Irvine, CA passed away October 10, 2010 from undisclosed causes. He was born in Logan, UT and had a 30-year career as an aerospace engineer working all over the U.S. and retiring from NAA/RI in California.

BROWN, PAULINE M., 91 – a 40-year resident of Torrance, CA, passed away on August 27, 2010. She joined NAA as a secretary immediately after graduating from high school. She enjoyed dancing, collected antiques and loved cats. Pauline was a gentle lady.

CARLSON, ALAN H., 74 – died on May 16, 2010 at Elizabeth Lake, CA. Alan joined NAA in 1953 and retired 37 years later from the Space Shuttle program in Palmdale. He fulfilled a lifelong dream and sailed his boat *Cool Change III* with his wife Jan all over the world for four years. He returned home and settled down to a life of music, photography and spinning yarns.

CLUNE, JAMES G., 81 – passed away in Auburn, CA on May 3, 2010. He retired from LAD as an electrical engineer in 1986 with 28 years of service. Jim was a “Lost Sheep” but now is found. God bless him.

EDDELMAN, THOMAS N., 94 – of Orange, CA passed away at home on October 24, 2010. Tom retired from Autonetics in 1977 with 26 years of service. Club racing and cars were his passion. He drove an “H” Production Sprite at Riverside, Willow Springs, Buttonwillow, and Fontana raceways. He was predeceased by Ursula, his loving wife of 51 years.

FERRI, GEORGE P. “GALLIANO”, 80 – of Howard, OH, passed away on August 29, 2010. A U.S. Navy Korean War veteran, George earned a Master’s degree in Management and joined the NAA Columbus Division. He retired with 40 years of service and was a Past President of the Rockwell Management Club and a National Management Man of the Year. He is survived by his wife Alyce Jean.

FUNK, ESTHER, 87 – passed away on September 17, 2010 in Paonia, CO. Esther joined NAA in 1942 and worked on the B-25 nose assembly. In the early 1960s, she moved to the Garrett Corporation and then returned to the NAA Crenshaw Division. Esther is survived by her loving husband of 67 years, Jerry. They both retired from NAA in 1978.

GARDNER, FREDERICK H. “FRITZ” – passed away October 11, 2010 from undisclosed causes. Fritz had served in the military for several years including the U.S. Army Signal Corps and the U.S. Air Force before he began his career with NAA/RI where he held positions in management and as a member of the Senior

Technical Staff and as member of the team that developed the space capsule. He retired in 1982 after 32 years of meritorious service. His wife of 63 years, Libby, predeceased him in December 2005.

HARDACRE, DONALD, 85 – died of respiratory failure on September 30, 2010 at Eisenhower Medical Center in Rancho Mirage, CA. He began his career at the NAA Downey facility as a bench worker in 1952 and retired from the Autonetics Division in 1982 as a technical writer. He is survived by his wife of 57 years, Martha.

HEMMERLING, EDWARD D., – passed away on September 29, 2010 at Placentia Linda Hospital. He had suffered physical issues over the years, having been one of the first recipients of a heart valve transfer over 40 years ago. He waged a good battle but his heart finally gave out and he passed quietly with his family around him. Ed retired from Autonetics in 1989 after 35 years of service.

HUGHES, JAMES H., 93 – of Long Beach, CA, passed away peacefully at home on August 27, 2010. Jim retired from Space Division in 1983 with 42.5 years of service. He was an electrical test engineer on the P-51, B-1, and the Apollo. He learned to fly as a youth in Aberdeen, SD and returned at 93 to repeat the flight.

IRETON, ROBERT W., 84 – entered eternal life on September 15, 2010 from undisclosed causes. He was a veteran of WWII having served in the U.S. Navy. He worked as a machinist for NAA for 38 years before retiring in 1990.

KIRBY, LOWELL, 87 – passed away in his home in Sylmar, CA as a result of a stroke. Lowell came to LAD in 1948, serving in Manufacturing Scheduling. He retired from Engineering Scheduling. He is survived by his wife Luella.

KNEPPER, JOE J., 84 – died of natural causes on September 25, 2010 at his home in Oceanside, CA. Joe served in the U.S. Army, afterward obtained a Master’s degree in Aeronautical Engineering. He joined NAA and served for 40 years, working on many projects including the Saturn V rocket, the Space Station and the B-1 bomber.

LAILAW, WILLIAM R. “BOB”, 83 – whose aerospace career included roles as combat pilot, researcher, past president of the Society of Experimental Test Pilots, engineering executive and founder of two companies, died on April 2, 2010 of bladder cancer. He resided in Nevada City, CA. Bob “fudged” his age while in a Toronto high school, joined the Royal Canadian Air force and flew photoreconnaissance missions in Mosquito aircraft during WWII. He later earned his M.S. and Ph.D degree from MIT, specializing in aeroelasticity. Later, he joined NAA and helped pioneer flutter-testing techniques on the T-28C, FJ-4 and A3J-1 Vigilante. To determine the effects of an atmospheric nuclear detonation on exposed aircraft, he flew instrumental FJ-4s during tests at Nevada and the South Pacific. As director of NAA’s Advanced Systems group, Bob led the proposal team that won the Apollo Command and Service Module contract. In 1964, he was named LAD Vice President for research, responsible for supporting the X-15 and XB-70 flight test programs. At the same time he served as a consultant to the Department of Defense where he became a carrier-qualified naval aviator. In 1968, he moved on to form his own flight-testing company, retiring in 1984.

LAPPEN, CURTIS H., JR. “CURT”, 79 – of Redondo Beach, CA, died on August 20, 2010 at St. John’s Hospital in Santa Monica, CA. After graduating college, Curt served our country as a Navy Fire Control Seaman, and then came to LAD. He retired in 1992 as Vice President of Quality Assurance with 40 years of service. Curt is survived by his loving wife, Ida.

LAMBASE, JOHN, 88 – passed away at home in San Pedro, CA amidst his family members. He served in India during WWII and later obtained a chemical engineering degree from Tri-State College. He was an excellent welding engineer at LAD and, later, in Space Division. He subsequently became a metallurgist in the Downey M&P department. Johnny is survived by his wife Vera.

LOGAN, THOMAS T., 80 – passed away at UCLA Medical Center on September 19, 2010. Graduating from the University of Wyoming in 1958, Tom joined NAA as a thermodynamics engineer. He retired in 1996 with 37 years of service. He is survived by his loving wife of 55 years, Dorothea.

McGREGOR, EMMA F., 84 – of Carlsbad, passed away on March 3, 2010. Emma retired from Autonetics in 1990 with 16 years of service in Personnel where she rose to Management. During WWII, she went to work at the Pentagon. Emma is remembered as a fine lady.

McINTYRE, JOAN M., 74 – of Los Alamitos, CA, lost a heroic battle with cancer on August 18, 2010. Joan graduated from Queens College in New York in 1957 with a B.S. in Mathematics. She married John McIntyre in 1959 and drove out to California where she became a traditional stay-at-home mom, raising five children. In 1980, she joined Rockwell at Seal Beach and was assigned to the Mass Properties unit. She was involved in the spin balance/weighting of the first thirty-nine GPS satellites launched. Along the way, she joined the Rockwell running team and completed 225 company sponsored 5K races, winning the majority in her age group. She later joined the Easy Striders Race Walking Club, raced along the Great Wall of China and in the International Seniors Track Meet in Riccione, Italy. In June, Joan climbed a mountain in Sequoia, took 1st place in a 5K run a week later. In August, she climbed the highest mountain to be with her Maker. Joan is survived by her loving husband John. She was a lady to be reckoned with!

McMAHON, BILL, 91 – was reunited with his wife, Lee in the hereafter just after midnight September 18, 2010. He was a WWII combat veteran and an aerospace engineer for 30 years with NAA/RI.

MOORE, TIMOTHY, 76 – passed away peacefully on October 27, 2010. He traveled throughout the U.S. working in sales for Autonetics and settled in Manhattan Beach, CA in the mid-1960s as Vice President of Sales for Genesco.

MORIWAKI, NORI – of Richland, Washington passed away on July 2, 2008 of heart and pneumonia complications. At the beginning of WWII, Nori and his family were relocated to an Internment Camp for Japanese Americans. He later joined the U.S. Army and was assigned to the 442nd Infantry Battalion, the highest decorated unit for valor and meritorious service in WWII. Nori served at LAD before transferring to the Hanford facility in Washington in 1982. He retired in 1987 with 34-1/2 years of service.

MURRAY, CHARLES D., SR., 87 – of Anaheim, CA, passed away on August 14, 2010. Charles served in the Navy during WWII and in Army Intelligence in post-war Europe. He joined North American in Downey and served for 33 years before retiring in 1986.

O'BRIEN, WALLACE L., 84 – passed away in Albuquerque, NM on July 10, 2010. Wallace was a Seabee in the South Pacific during WWII. He graduated from Bradley University in 1950 and joined LAD as an engineer and received an Engineer of the Year Award in 1977. He retired in 1991 with 40 years of service. Wallace is survived by his loving wife of 61 years, Ruth.

QUINN, JAMES J., 79 – of Reynoldsburg, OH passed away on October 25, 2010. Jim retired from the Columbus Division with 34 years of service. He is survived by his loving wife of 59 years, Betty.

ROGERS, CHARLES "ROD" – of Lakewood, CA left this earth in December 2009 after a two year battle with urinary tract and bone cancer. Rod served in the Procurement section doing Sub-contractor Surveillance and Purchase Parts Support for programs being conducted at both the B-1 and Space divisions. He left the Space Division in the early 1990s.

SHULTZ, JACK, 88 – passed away October 4, 2010 from pancreatic cancer in Desert Hot Springs, CA. Jack served in the Coast Guard during WWII. At NAA, Jack served in the Material Department as the administrator for personnel. All considered him "a person of integrity who worked for what was deemed best for the company and the employee". He retired in 1983 after 33 years of service.

SMITH, ALFRED K., 84 – of Hemet, CA passed away on October 27, 2010 at Menifee Hospital. Al led a distinguished life in the Navy and served 25 dedicated years with NAA/RI as an engineer. Al is survived by his loving wife of 37 years, Leila.

SMITH, CARL E., 87 – of Cayucos, CA passed away on August 25, 2010 after suffering a major stroke. Carl was a decorated U.S. Navy veteran after surviving the 37-second sinking of his ship, the *USS Cooper*, when it was hit in Ormoc Bay in the Philippines. After the war, he graduated from USC with a degree in electrical engineering and joined Autonetics. He retired in 1969 with 20 years of service. Carl is survived by his loving wife of 47 years, Ada. She is also a retiree, having served at Columbus Division and Autonetics.

SMITH, RAYMOND – of Crescent City, CA died in February 2007 from ALS, Lou Gehrig's disease. Ray joined NAA at LAD and transferred to the Space Division. At Space Division, he served in Manufacturing Scheduling, progressed to supervisor and retired as Manufacturing project manager in the early 1990s.

THIBODEAU, WILLIAM E. "BILL", 82 – of Bozeman, MT died in an auto/truck accident near Idaho Falls, ID on April 22, 2009. Bill enlisted in the U.S. Navy during WWII. Following the service, he had a very successful career working on Air Force One during the Eisenhower era. Later, he moved to California to join Space Division in various managerial positions. Bill retired in 1989 with 25 years of service. He is survived by his wife, Maryann.

VANASSE, MAURICE A., 87 – of Artesia, CA, passed away on August 31, 2010. Maurice served his country during WWII, graduated from MIT and received his Master's degree from Brown University. He joined NASA and was instrumental in the construction of the first Moon Rover. He later retired from Rockwell International. He is survived by his wife Cindy.

YBARRA, ALFREDO, 77 – succumbed to liver failure at home in Orange, CA on August 26, 2010. Alfredo joined LAD in 1954, serving in Purchased Parts/Purchased Labor on the F-86 and F-100 programs. His career took him to Rocketdyne and, subsequently, to Autonetics where he was a Senior Procurement Agent for 38 years on many programs including the Minuteman Guidance System, Apollo, Space Shuttle, and the Submersible Inertial Navigation System (SINS) program. He retired in 1992. Alfredo is survived by his wife of 54 years, Carmen.

LOST SHEEP – BULLETIN RETURNED WITH NO FORWARDING ADDRESS

GARY A. ODERKIRK – BLAINE, WA
ROBERT E. OLSEN – REDLANDS, CA

The Silent Majority

by Stan Guzy



COMPTON, FRANK G., 90 – passed away on January 15, 2011 in Torrance, CA. After attending the Colorado School of Mines and completing a stint with the National Guard where he learned to fly and serve on an Air Guard NAA 0-47, he accepted a drafting position at LAD in 1940. Preparing drawings and technical reports in support of the NA73/83 British Mustang, he found his “niche” originating new design concepts.

In early 1944, he left to serve in the U.S. Navy as a flight engineer on PBM-5 long-range patrol planes. Returning to his Preliminary Design Specialist position, he was assigned to the FJ-1 Navy fighter program and the XAJ-1 carrier-based nuclear bomber proposal. He transferred to the Columbus Division as Chief Preliminary Designer and later Manager of Advanced Systems. During the next four years, his team captured the A3J-1/RA-5 Attack Bomber, the T2J Jet Trainer and the FJ-4 Fighter programs. In 1960, Frank returned to the West Coast as Vice President of Advanced Programs Development at the Space and Information Systems Division in Downey. Finally, in 1966, he joined the Autonetics Division as Vice President-General Manager, Ocean Systems Operations. He left in 1970 with 30 years of outstanding service to join Wally Schirra’s ECCO Corporation as President and Chief Operating Officer. Frank was a good resource and a splendid adviser to the Bulletin. We shall miss you, Old Friend!

PEARCE, JAMES L. “JIM”, 91 – passed away in Palm Bay, FL on February 9, 2011. After distinguished service as a Navy combat pilot during WWII, Jim joined LAD in 1950 as an engineering test pilot and was transferred to the new Columbus Division in 1951 as Chief Engineering Test Pilot and Manager of Engineering Flight Test. He remained at Columbus until 1961 when he transferred to the S&ID Division at KSC as Director of Test and Operations for the Apollo Command and Service Modules. He left NAA after the Apollo 1 fire and was very successful in several business ventures of his own. Jim was given more than his share of life’s burdens and managed to overcome them all, not in anger, but in accomplishment. He was our friend.

BANTLY, JAMES E. “KING”, 84 – passed away in Norco, CA on June 5, 2010. A WWII Navy veteran, Jim retired from Space Division as manager of the Hydraulics Engineering Group with 30 years of service.

BODY, LAWRENCE G. “LARRY”, 85 – of Orange, CA passed away on November 25, 2010 due to complications from Leukemia. Larry served in the U.S. Navy for 22 years as a deck officer and a naval aviator. Retiring with the rank of Lieutenant Commander, he held two degrees from MIT and the U.S. Navy Post Graduate School. He joined Space Division and had 16 years of service on the Space Shuttle before going on to serve on the B-2 program. He is survived by his loving wife of 62 years, Virginia. Internment was at the National Cemetery in Riverside. Larry was a good and gentle friend and he will be sorely missed.

BORGER, JOHN “JACK”, 86 – of Montague, CA passed away on May 14, 2010. Jack was a supervisor in Manufacturing Electrical/Mechanical Installation on the Apollo and Space Shuttle programs at Space Division. He retired in 1983 with 36 years of service. He was predeceased by his loving wife, Gerry. She also served at Space Division as a secretary in Quality Assurance.

CEJDA, RUSSELL F., 73 – of Merritt Island, FL passed away on December 28, 2010. Russ served as a Quality manager at NAA-Rockwell at KSC on the Apollo and Shuttle programs. He is survived by his wife Dawn.

COLLACOTT, THOMAS L., SR., 84 – of Westminster, CA passed away on November 9, 2010. A WWII veteran, Tom had a distinguished career as a Proposal/Pricing/Negotiator. He retired from Autonetics in 1988 with 27 years of service. He is survived by his wife Karen.

DOMINGUEZ, JOSEPHINE H. “JOSIE”, 83 – passed away peacefully at home on November 4, 2010 in Yorba Linda, CA. Josie was a woman ahead of her time. She retired from Rockwell International as a manager of Data Processing with 34 years of service.

DREYER, GEORGE W., – of Murrieta, CA passed away on January 21, 2011. Over the years, George survived many medical issues but now is at rest. He retired from the Strategic Systems Division in 1990 with 32 years of service.

EDDLEMAN, THOMAS N., 84 – passed away in Orange, CA on October 24, 2010. After serving in the USAF, Tom came to NAA in 1950 and started building P-51 Mustang fighters, T-6 trainers, and later, Space Vehicles. He retired in 1977 with 26 years of service. Tom was predeceased by his wife of 51 years, Ursula.

GRIMES, FREDRIC A. “FRITZ”, 81 – of Huntington Beach, CA succumbed peacefully in his sleep on January 10, 2011. Fritz was a unique gentleman, remembered for his wit, literacy, artistic talent and generosity. After serving with the USAF in Korea, he graduated from USC *summa cum laude* and joined Capitol Records. His later career in aerospace brought him to Space Division as a technical documentation specialist on the Apollo. He, subsequently, had a similar assignment on the B-1 and B-1B programs at the B-1 Division. He retired in 1985 with 22 years of service.

HALL, ROBERT J. “JIM”, 90 – passed away in Hemet, CA on November 17, 2010. Jim served in the Navy during World War II as an Aviation Machinist’s Mate First Class on the island of Guam, overseeing the repair of fighter aircraft. He joined NAA and served for 45 years, retiring as General Manager of Purchasing. He is survived by his wife of 68 years, Theresa.

HANNON, CHARLES P., SR., 82 – of Cocoa Beach, FL, died on January 27, 2011 after a sudden heart attack. His Navy V-5 unit at Stevens Institute was called up to serve in the closing days of WWII. He completed his B.S. degree at the University of Alabama and was again called up to serve as an officer in the U.S. Air Force. Stationed at Patrick Air Force Base led to the rocket development program at North American Aviation in Downey. He transferred to NAA at Cape Canaveral as a flight test engineer, first on Navaho and

Hound Dog, later on Apollo and Skylab. Retiring from NAA-Rockwell, he joined Lockheed as a launch director for the Shuttle program. Charles is survived by his wife Elizabeth.

HILLARY, GARRETT "GARY", 89 – of Winter Park, FL, lost his battle with cancer on October 22, 2010. Although Gary earned a civilian pilot license, he was denied a flying career in the U.S. Army Air Forces due to a childhood injury and became a B-17 maintenance officer in Rattlesden, England with the 8th Air Force. After World War II, Gary joined LAD as a draftsman. His 35-year career with Field Service took him to Japan and Washington, D.C. He retired as Director of the NAR Washington, D.C. Office. Gary is survived by his loving wife of 67 years, Betty.

JEANPLONG, THOMAS "TOM", 77 – passed away in Fallbrook, CA on September 12, 2010 of pancreatic cancer. Tom served in the planning department on the Apollo in Downey and the B-1 at the LAD facility. He retired in 1989 with 37 years of service. Tom is survived by his loving wife Helen.

JENSEN, DANIEL H., 80 – passed away on January 27, 2011. After serving in the USAF and getting a degree from the University of Michigan, Dan joined NAA/RI. He was the Command Module test chief on the Apollo Program and subsequently helped develop, build and test the world's first reusable spaceship, the Shuttle. He retired with 30 years of service and is survived by his wife Lois.

LAMKINS, ALBERT U. "AL", 81 – of Anaheim, CA passed away on November 22, 2010 of complications from pneumonia. Al came to NAA at Downey in 1955 where he performed the Environmental Qualification Test on the F-86 and the Navaho. He transferred to Autonetics where he completed 33 years of service when he retired in 1988. Al symbolized the work ethic and integrity on which the company was founded. A very positive individual, he enjoyed organizing the yearly December Flight Control luncheons for which he will always be remembered.

LEONARD, JOHN P., 80 – of Evans, GA, passed away on November 1, 2010 in Jacksonville, FL. John served in the USAF during the Korean War. He was an NAA field rep supporting the OV-10A and RA-5C aircraft at several foreign and domestic bases. During his 33 years of service, he was also the resident rep at NARF Jacksonville, FL and the Marine Corps base at Jacksonville, NC. He is survived by his wife Bernice.

LUZIO, JOHN A., 87 – passed away on September 24, 2010 in Newark, OH. During WWII, John served aboard the Destroyer Escort *USS Tomich* in both the Atlantic and Pacific theaters. He joined NAA on the Saturn V and Space Shuttle programs as a production planner. He is survived by his wife of 62 years, Norma.

MEYER, ROY, 91 – died peacefully at home in Lomita, CA on November 19, 2010. Roy came to LAD in 1948 and served for 35 years before he retired. He is survived by his wife of 68 years, Floy.

O'BRIEN, WALLACE LEE, 84 – passed away in Albuquerque, NM on July 10, 2010. Wallace served as an engineer for 40 years at LAD when he retired in 1991. He is survived by his loving wife of 61 years, Ruth Lucile.

PENNER, GLENN E., 88 – of Torrance, CA passed away on January 27, 2011. Glenn retired as a Quality Assurance manager from LAD in 1979 with 38 years of service. He is survived by his loving wife of 68 years, Betty.

PETERSEN, MILTON B., 78 – of Rossmoor, CA passed away on December 17, 2010. He obtained his degree at Washington State University and joined NAA/RI as an engineer until his retirement in the 1990s. He was preceded in death by his wife, Gwen.

REDER, JOE, 87 – succumbed in Richland, WA, after a long battle with cancer. Joe served at Space Division for 17 years on the Apollo and Shuttle programs before transferring to the Rockwell Hanford facility as an engineering manager. He retired in 1997 with 35 years of service. Joe is survived by his loving wife Linda. Joe left a final message, "Thanks NAA for all the good times and wonderful friendships."

SELL, CHARLES L. "CHUCK", 89 – passed away peacefully at home in Colorado Springs, CO on December 14, 2010. During WWII, Chuck served in the Pacific as a much decorated Marine Corps fighter pilot. He was called up again to serve in Korea. Getting a B.S. degree from the University of Wisconsin, he came to LAD in 1950 and served there for 35 years before retiring in 1986 as Director of Customer Relations, LAD. Chuck was the president of the National Defense Industrial Association in Los Angeles and was a major planner and participant in the yearly Paris and Farnborough Air Shows. He is survived by his loving wife of 24 years, Joan. Chuck was considered the classic epitome of a gentleman.

WATKINSON, DONALD E., 82 – of Cottage Grove, OR passed away on October 24, 2010. Don began as a machinist at Rocketdyne and advanced to engineer, serving on many programs including Atlas, Delta, Apollo, Water Jet and several experimental projects. He retired in 1986 with 31 years of service. He is survived by his loving wife of 58 years, Marilyn.

ZINSLEY, WILLIAM, – passed away peacefully at home in Manhattan Beach, CA on January 10, 2011. He had served for 30 years on the Shuttle and B-1 programs in the Non-Metallic segment of the Materials & Processing Laboratory at LAD when he retired in 1980. Bill is survived by his loving wife of 50 years, Fran.

A LOST SHEEP HAS BEEN FOUND!

When Gary Oderkirk of faroff Blain, Washington was reported missing, we received word from Bill Bright that Gary only moved to another part of town.

He was lost, but now he is found. Alleluja!

LOST SHEEP – BULLETIN RETURNED WITH NO FORWARDING ADDRESS

- WILLIAM N. CONRAD – TEMECULA, CA**
- CHUCK MILOSEVICH – YORBA LINDA, CA**
- ARTHUR A. RIES – NORWALK, CA**
- GEORGE K. SIMMONS – OCEANSIDE, CA**
- FRANK ZELINSKI – LAKEWOOD, CA**

PAX DOMINI SIT SEMPER VOBISCUM

The Silent Majority

by Stan Guzy



HELLO, BASTIAN “BUZ”, 87 – Buz Hello passed away on February 12, 2011 in Potomac, MD. He began his aerospace career with the Martin Company where he held key positions in several aircraft and manned space programs. After the Apollo 1 fire, he joined the Rockwell Space Division as the Division

vice president and general manager of Launch Operations at KSC. With the Space Shuttle program, Buz served as the division vice president and program manager of Space Division in Downey, CA. Subsequently, he moved to LAD where he became president of North American Aircraft Operations in charge of the production effort on the B-1B. In 1997, he was made president of the Aircraft Group which included NAAO, Tulsa Division, Sabreliner Division, and the General Aviation Division. He received two NASA awards and was elected a Fellow of the American Institute of Aeronautics and Astronautics. He is survived by his wife Carolyn. He will always be remembered for his indefatigable efforts to win the Space Shuttle contract and to recover the B-1 program with the B-1B. Bravo!

BLACKBURN, AL W., 87 – passed away in McLean, VA on March 21, 2011. Upon graduation from the U.S. Naval Academy in 1944, Al entered the Marine Corps and saw infantry duty on Okinawa and North China. He applied for flight training and obtained his wings in 1947. He flew carrier-based F4U Corsairs. Joining the Reserves and enrolling in graduate school at MIT, he received an M.A. degree in Aeronautical Engineering. Recalled to active duty, Al was assigned to the Patuxent River Naval Air Test Center where he flew tests for the Armament Test Division. Released from active service, he joined NAA as an engineering test pilot and is probably best remembered for his successful F-100 Zero Launch tests. Al retired in 1958 from NAA with 6 years of service. He later joined the Pentagon and also became a Fellow and President of the Society of Experimental Test Pilots. He is survived by his loving wife of 54 years, Donna.

LACHAPPELLE, THEODORE J., 90 – of Orange, CA, passed away on February 3, 2011 from complications following a stroke that he suffered in 2004. He had joined the Autonetics Research, Engineering and Reliability Division in 1963 and retired in 1988, having served for 25 years as a brilliant scientist. Ted was a research chemist, working with Glenn Seaborg on the Manhattan Project during WWII and was cited as the first person to identify the

man-made transuranic element, Neptunium. While on the project, he met and married fellow research chemist, Mary Ellen, with Seaborg serving as best man. Ted was a charter member of the Autonetics Branch of the Scientific Research Society of America (RESA). He is survived by Mary Ellen, his loving wife of 65 years.

ANDERSON, JOHN H., JR., 85 – passed away at his home in Long Beach, CA on January 17, 2011. When John retired from LAD in 1990 as a warehouse supervisor, he had served 43 years. He is survived by his loving wife of 60 years, Aileen.

ANDERSON, VILLARD E. “ANDY”, 89 – of Rancho Palos Verdes, CA died on June 10, 2010 after suffering Parkinson’s disease. Andy served with the 15th Air Force in Italy, flying 30 missions. Graduating from the Northrop Institute, he joined NAA as a design engineer on the F-86, F-100, B-70 and the B-1. He retired in 1979 as manager of the B-1 Nacelle Group. He is survived by his loving wife of 66 years, Doris.

BANNARD, NORA – the Bulletin has been notified that Nora passed away in Toney, AL on June 27, 2010. Nora and her late husband both served at LAD and Palmdale. She retired in 1978 with 18 years of service.

BARRY, JOHN R., 85 – a resident of Hawthorne, CA, passed away on March 27, 2011 in Torrance, CA. John had served in WWII and was a graduate of the University of Massachusetts. He worked on many programs as an engineer at NAA/RI and took a well-earned retirement in 1989 after 26 years of productive service. John is survived by his wife, Charlotte.

BEESON, MARVIN – passed away on April 10, 2011 in Southern California with his family at his bedside. Marv had been a long time employee in the engineering department at Autonetics, retiring in the early 1990s. He is survived by his devoted wife of 57 years, Ann.

BENNETT, EDWARD L. – renewal reminder card returned stamped “Deceased – February 9, 2011”. From El Segundo, CA, Ed retired from LAD in 1978 with 40 years of service.

BITTING, BARNUM L. “BARNEY”, 79 – passed away in Placentia, CA on March 19, 2011. After serving in the Navy during the Korean War where he learned his plumbing and pipefitting skills, he joined Autonetics and is best remembered for his quick response to plumbing emergencies in his service cart. Barney retired in 1999 with 47 years of service. He is survived by his loving wife of 26 years, Ruth.

BLISS, RUTH F., 93 – passed away on April 28, 2011 at Loma Linda Hospital in Loma Linda, CA of heart failure. Ruth was an artist and served in the LAD art department for 30 years when she retired. She received many awards as an artist.

BRATFISCH, WARREN A. “PAT” – of Mesa, AZ, subscription card returned indicating Warren died on

North American Aviation Retirees Bulletin

October 12, 2010. He joined LAD and retired from Space Division in 1978 with 35 years of service.

CLOTWORTHY, LEONEL H., 89 – of Redondo Beach, CA passed away on February 16, 2011 following heart surgery. Leonel earned his B.S. degree from the Northrop Institute of Technology. He served in the U.S. Navy aboard the *USS Indianapolis*, *USS New Jersey*, and the *USS New Mexico* before he joined LAD as a structural design engineer. He retired in 1979 with 31 years of service. Named volunteer of the year by his church, he was recognized for his weekly pickup of baked goods from local markets for delivery to the Salvation Army His House Family Services. He was a delight to be with.

COLLINS, EDWARD A., 91 – of Palos Verdes Estates, CA passed away on March 2, 2011. Ed started at NAA on the flight line and advanced to Field Service. He left to serve with Marine Air Group MAG-62 in the Pacific, working on B-25s. Returning to NAA, he advanced to Senior Field Rep at LAD, Autonetics and Space Division. He retired in 1978 with 39 years of service. He is survived by his loving wife of 57 years, Lori.

COX, JOHN W., JR., 91 – was called to his Creator on March 3, 2011 after a short illness. He was a local aviator and author, a member of the NAA/RI Flying Club at Fullerton Airport, a combat veteran of WWII and a retired NAA/RI engineer. He was very proud of the self-published story of his WWII experiences as the commander of a B-29 in the Pacific. John's wife, Dixie, passed away in 2007.

DAHL, ERWIN "EDDIE", 90 – of Downey, CA, succumbed on March 11, 2011. During WWII, Ed served with the 3rd Emergency Rescue Squadron. He joined NAA in 1946 and served on several major programs including the Space Shuttle simulator and the B-1 simulator. He retired from LAD as a project engineer in 1986 with 39 years of service. He is survived by his loving wife of 62 years, Catherine.

GONDO, TOM T., 73 – passed away in Anaheim, CA on January 7, 2011. After graduating from Cal Poly San Luis Obispo in 1960, Tom came to Autonetics where he served as a systems engineer on various programs. He specialized in preparing software, specifications and in supporting qualification testing. He attended UCLA and earned an M.S. degree. Tom retired in 1998 with 38 years of service.

JOYNER, CHARLES F., 89 – passed away in Granbury, TX on March 25, 2011. Charles began with NAA in Contracts and Pricing at several sites. He retired from Space Division Seal Beach with 30 years of service. He is survived by his loving wife of 65 years, Mary.

LIECHTY, HOWARD B., LT. COL., USAF RET., 90 – of Mount Angel, OR died on May 29, 2010. After long service with the Air Force, Howard came to LAD and served in Marketing for over 33 years before retiring in 1983. He is survived by his caring wife of 31 years, Donna.

LOYD, MORRIS S. "MORRIE", 94 – passed away in Caldwell, ID on April 30, 2011. Arriving in California

in 1936 at 19, Morrie went to work at LAD on the P-51 production line as a sheet metal "expert". Although short on formal education, he developed three patents, served in engineering, the experimental lab and advanced to production management before retiring in 1976 with 40 years of service and became an engineering consultant. Morrie's heart was broken when his beloved wife of 68 years passed away last year.

MALINOSKY, ANTHONY F. "TONY", 101 – died in Oxnard, CA on February 8, 2011. He was a third baseman and shortstop in Major League Baseball, playing 35 games for the Brooklyn Dodgers in the 1937 season. During WWII, he saw combat in the Battle of the Bulge. After the war, he joined NAA and became a supervisor in the plastics and bending department at the NAA Torrance plant.

MARZULLO, RALPH A., 95 – died in Torrance, CA on February 13, 2011. Ralph began his career in the 1930s, working on the DC-2 at Douglas. During WWII, he came to NAA to work on the P-51 Mustang. He also served on the Apollo and Space Shuttle programs. Ralph was very active in the Torrance YMCA until he was well into his 90s. He was preceded in death by his loving wife of 59 years, Calista.

MASTRACCI, DAVID S., 78 – passed away in Columbus, OH on May 11, 2011. A graphic artist and illustrator, David retired from the Columbus Division Graphic Arts Department in 1989 with 30 years of service. He is survived by his loving wife of 51 years, Lenore.

McDONALD, FLORENCE, 97 – passed away in her sleep at her home in Gardena, CA on April 12, 2011. Flo served in the Accounting Department at LAD from 1953 until 1970. She was a hard worker with a pleasant disposition.

MERCADANTE, DOMINIC S., 86 – passed away April 14, 2011 in Fullerton, CA. He joined the Army in 1943, served with the 36th Infantry Division as a field artilleryman, and was taken POW in Germany. After the war, he married Catherine Reid, moved to California and became an aerospace engineer at NAA. He was part of many historic projects and helped build the Saturn V rocket.

MORTON, ALAN, 85 – died on April 1, 2011 in Fullerton, CA. Born in Wilmington, Delaware, he spent much of his youth in Scotland with his Aunt Margaret. He served in WWII as a turret gunner in a B-17 flying missions over Germany. After attending Ohio State University, he joined NAA as an illustrator and technical writer for astronaut training on the Apollo Program. After the Apollo 1 fire, Al left aerospace and became a successful real estate broker in Fullerton, CA. He prompted the Fullerton City Council to name three parks after the three Apollo astronauts killed in the disaster. Alan is survived by his ex-wife, Barbara Scown.

RAMBERG, GEORGE E., 77 – passed away in Shingle Spring, CA on March 23, 2011. George was a computer analyst at NAA and retired from the Semiconductors Product Division in 1994 with 44 years of service. He is survived by his loving wife of 23 years, Osa.

RAY, JAMES M., 78 – passed away in Banning, CA on March 18, 2011. A Navy veteran of the Korean War, Jim served in Autonetics, Seal Beach and LAD. He was president of the National Management Association during his 29 years of service when he retired from the Corporate Office in 1988.

RADZINS, EGONS J., 75 – died on December 31, 2010 as a result of Parkinson’s disease. Born in Cesis, Latvia during WWII, Egons grew up in refugee camps in Germany. In spite of this hardship, he graduated from the University of Michigan with a B.S. Aeronautic Engineering degree. Joining NAA, he served on Minuteman, Saturn, Apollo, Skylab, and Shuttle programs. His wife Carole preceded him in death.

REDER, JOSEPH, 87 – succumbed to cancer on January 23, 2011. Joe served at the Space Division for 17 years on the Apollo and Space Shuttle Programs. In 1977, he transferred to the Hanford Operation in Richland, WA as one of the engineering managers. When the NAA/RI contract expired, Joe assumed a similar position with Westinghouse on the new contract. He took final retirement from Westinghouse with 35 years of dedicated service to NAA/RI.

ROY, ARCHIL L. “ROY”, 75 – died in Oriental, NC on March 17, 2011 while working on his boat. After serving in the USAF and obtaining his B.S.E.E. from the University of Rhode Island, Arch joined NAA at Space Division in 1961. Subsequently, he transferred to Autonetics where he was primarily dedicated to the Minuteman program. After 31 years of service, he and his wife cruised Central and South American waters on their sloop “*Yankee Rogue*”. They eventually settled in the small sailing village of Oriental, NC, where they founded and continued to support the nonprofit Shoebox Project to assist women, children and veterans. Arch is survived by his loving wife of 45 years, Tye.

SCHLEICH, WILLIAM T. “BILL”, 83 – of Fullerton, CA passed away on May 6, 2011 from complications associated with Parkinson’s disease. Bill joined Space Division after graduating from Georgia Tech, specializing in guidance and control. His assignments included the Saturn and Shuttle programs. He retired in 1990 as manager of flight control systems with 38 years of service. Bill is survived by his loving wife of 56 years, Jackie. He will always be remembered as a quiet man with a quick smile.

SCHNAUFER, DON – of Dallas, TX passed away on February 2, 2011. No further information was provided. Don was in Program Management in Space Division. After the Apollo 1 fire, he was a very effective leader in the preparation of Apollo 7. Don retired in 1981 with 20 years of service.

SULLINGER, LELA, 81 – of Riverside, CA passed away on January 5, 2011. She served in computer programming on the B-1 and retired from LAD in 1985. She belonged to the NAA Camping Club, was a good friend and will be sadly missed.

SWAN, THELMA V. J., 98 – Thelma lost her struggle with pneumonia on February 17, 2011. Today she rests in eternal life with her beloved husband, Allen. After struggling through the Depression and when WWII began, Thelma took a job with the Army Air Forces. When the war ended Thelma continued to work as an executive secretary to the Vice President of aerospace giant NAA/RI. Her husband suffered a massive heart attack in 1971 and soon after Thelma retired from NAA/RI, she began a new career in the travel business.

SWANSON, PHILLIP F., 83 – died on March 17, 2011 at his home in Huntington Beach, CA of complications resulting from prostatic cancer. Phil retired from NAA/RI Space Division in 1986 after 31 years of dedicated and productive service in the engineering disciplines. He is survived by his faithful and loving wife of 53 years, Dorothy. A true and loyal friend will be missed.

ZASTROW, FRANCES, 85 – a resident of Anaheim, CA passed away peacefully on January 22, 2011. After marrying Gary Astros they moved to California where she began a 25-year career with NAA/RI Marine Systems Division Software Engineering Department. They had been married 55 years when Gary preceded her in death in 2001.

A LOST SHEEP ACCOUNTED FOR
 We were saddened to learn from Joe Onesty and Chuck Lowry that Philip D. Wilts, a Lost Sheep Silver Eagle, died on July 11, 2005. Phil retired from Space Division in 1985 with 26 years of service. We salute his memory.

PAX DOMINI SIT SEMPER VOBISCUM

North American Aviation Retirees Bulletin

The Silent Majority

by Stan Guzy

ALVAREZ, ALBERTO V., 79 – passed away in Huntington Beach, CA on May 24, 2011. He served for 35 years on various programs including the X-15, Hound dog, Apollo, and the Space Shuttle and retired in 1990. Al is survived by his wife of 59 years, Dolores.

BENNETT, EDWARD L., – Bulletin returned marked “Deceased February 9, 2011”. Bulletin records indicate that Edward Bennett retired from LAD in 1978 with 40 years of service.

BENNINGFIELD, HAROLD Z. “BENNY”, 85 – passed away at home in Torrance, CA on June 29, 2011. He served aboard the transport ship *USS McCrackin* during WWII. Harold served in Aerospace for almost 40 years when he retired from Rockwell.

BRONNER, EDMOND J., 84 – a Rancho Palos Verdes resident, Ed passed away on June 4, 2011. He retired from Rocketdyne as a director in Manufacturing in 1989 with 31 years of service. He is survived by his loving wife, Betsy.

CANCLINI, ALFRED L., – passed away on June 13, 2011. Al started his career with NAA in 1939 on the checkout line for B-25 and P-51 engines. He later moved to Autonetics where he spent time flight testing inertial guidance systems for submarines. In the 1960s, he was a lead engineer on the Apollo capsule checkout line in Downey. In 1972, he joined the B-1A program to test the B-1 radar systems. With 45 years of service, he retired from Autonetics working on modifications to the Minuteman guidance systems.

CHABRE, FRANK L., 78 – died June 11, 2011. He was a Claremont, CA resident. He joined NAA in 1959 and had a distinguished career as an aerospace executive with NAA, Collins Radio, and Rockwell International. He is survived by his wife, Anne.

CHRISTENSEN, ELLIOT “CHRIS”, 84 – of Fullerton, CA, passed away on June 21, 2011. After serving as a radar technician on mine sweepers in the Pacific during WWII, Chris graduated from Purdue University with a BSEE in Electrical Engineering. He joined Autonetics and worked on several avionics and marine systems from radar engineer to program manager before he retired in 1989 with 27 years of service. He is survived by his wife Libby.

COLLACOTT, THOMAS L., 84 – of Westminster, CA passed away on November 9, 2010. A WWII Navy veteran, he served on every sea and every continent. Tom was Proposal/Pricing/Negotiator at Autonetics on the Minuteman, Apollo, S-II, and Space Shuttle. He also negotiated a guidance system contract with the Australian Royal Navy for their nuclear submarines. An adventurous spirit, he pursued many interests. Tom retired in 1988 with 27 years of service. He is survived by his loving wife of 32 years, Karen.

DARDEN, JESSE A. “JA”, 86 – the Bulletin was notified of JA's passing on August 3, 2011 in McAlester, OK. He retired from NAA/RI and was President of the Rockwell Retirees Club of McAlester, OK for many years.

DOMINGUEZ, JOSEPHINE H. “JOSIE”, 83 – passed away at home surrounded by her loved ones on November 4, 2010. A woman ahead of her time she retired from NAA/RI as Manager of Data Processing after 34 years of service. She was married to Ruben, her husband of 58 years.

EMERO, DONALD H., 78 – of Fountain Valley, CA died on August 20, 2011. Don had a brilliant career at NAA/Rockwell holding several prestigious positions including Chief Engineer of the Space Shuttle Program. He was awarded the NASA Distinguished Public Service Medal and the coveted astronaut Silver

Snoopy award. He retired from Space Division in 1997 with 30 years of service. He will be remembered as a man of outstanding character and as a gentleman who was deeply concerned about others. He is survived by his devoted wife, Pepita.

ENRIQUEZ, OLIVIA H., 86 – passed away in Redondo Beach, CA on June 10, 2011. Olivia joined the wartime effort and became a Rosie the Riveter at NAA in 1945. After becoming a wife and mother, she continued to work as an assembler at NAA/Rockwell for 33 years until she retired in 1985. A people person, she never slowed down and kept active in civic, church and family activities.

GEARHARDT, VIRGINIA, 70 – of Sacramento, CA died on July 7, 2011. Ginny joined Autonetics shortly after it moved to Anaheim. She was a valued administrative assistant for two decades in the 1960s and 1970s. She was known for her skills and attention to detail. She was predeceased by her husband David in 2007.

GRAHAM, JOAN KINDELBERGER, 90 – passed away in Santa Monica, CA on June 16, 2011. She was born to James K. “Dutch” and Thelma Kindelberger on October 4, 1920 in Cleveland, OH. At the time, her father was a draftsman at the Glenn L. Martin Co. working alongside another draftsman named Donald Douglas. In 1929, Dutch moved to Los Angeles to become Chief Engineer of Douglas Aircraft. In 1935, Dutch again changed jobs to become President of North American Aviation. The family's good fortune was marred in 1939 by the tragic death of her younger brother, Howard, in a horseback riding accident. Married three times, she had three children: Karin, Toni and Jim. She was tragically predeceased by her oldest daughter Karin just five weeks prior to her own passing.

GRACIE, JOHN D., 88 – passed away in West Hills, CA on November 27, 2010. John had been a commissioned Naval Aviator and joined NAA after WWII. He remained in the aircraft industry for 29 years before retiring in 1980. John was predeceased by his wife Sandra Gracie in 1996.

HARNEY, DANIEL J., 83 – died in Irvine, CA on June 6, 2011 with his loving wife by his side. With a degree in accounting and an MBA in Production Management he became Controller of the Los Angeles Aircraft Division and the Saberliner product lines. When he retired, he turned to community service as the Executive Director of the St. Vincent de Paul Society. He founded the Harvest Food Bank Program, distributing food to 480 agencies serving their community. He is survived by his wife Annemarie.

KIRBY, WILLIAM A. “BILL”, 80 – of Golden, CO, died at home on July 21, 2011 after a hard battle with cancer. Growing up under meager circumstances, Bill used a milk crate as a shoe stand on a street corner in Los Angeles at the age of 8 to help his family. He received a degree from UCLA in Production Management and became a trainer at Sheppard AFB, TX for the Air Force. In 1954, he came to LAD and advanced to Chief of Quality Engineering. In 1965, he transferred to Rocketdyne Division as Quality Assurance Manager. He next moved to Launch Operations at KSC as Director of Quality and Reliability Assurance. His managerial skills led him to further assignments at the B-1 Division, North American Aircraft Operations and Rocky Flats. He retired in 1989 with 35 years of service. Bill is survived by his wife Gloria Sue.

LUCE, DONALD E., 84 – passed away in Torrance, CA on June 11, 2011. Don served at LAD in Tooling Design for 41

years when he retired in 1989. He is survived by his wife of 60 years, Betty.

MADWELL, JAMES "JIM", 78 – of Mission Viejo, CA, died on June 16, 2011. Jim began his 50-year career in 1956 with Werner Von Braun's NASA Team at Marshall Space Flight Center. He was a key player in the development of the Apollo, Skylab, Space Shuttle, International Space Station, B-1 and B-2, and the X-33 second generation Space Shuttle. He is survived by his wife of 58 years, Arlene.

MANARINO, PETER F., 79 – died in the spring of 2011 with many of his family at his bedside in Lake Forest, CA. Pete had a distinguished career with Autonetics, LAD, and the Space Division utilizing his Logistics and Product Support expertise to the fullest. He worked on the many programs including Minuteman, B-1 and Space Shuttle over a span of nearly 35 years. I had the privilege of working with him on several of those programs. He is survived by his devoted wife of nearly 60 years, Florence (Flo).

MAY (MOKSLAVESKAS), JOSEPH J., 92 – (brother of Ed Mokslaveskas) passed away in Garden Grove, CA on June 30, 2011. Joe developed into an expert aircraft sheet metal mechanic over the years at LAD Manufacturing. He worked on many aircraft from the T-6 to the B-1 Bomber over the 41 years he spent on the line. Joe is survived by a daughter, Valerie, and two sons, Keith and Kevin. (Joe changed his name to "May" at the request of his wife.)

McCORMICK, G. PAUL, 94 – of Worthington, OH, passed away on June 15, 2011. After 13 years in LAD Manufacturing on the P-51, F-86, and F-100, Paul transferred in 1950 to the newly opened Columbus Division as Superintendent Details and Experimental. He continued to advance to Vice President Aircraft and remained in management positions until the last B-1B was delivered. Paul served as a consultant for another ten years. In 2007, he was inducted into the "Mustang Legends Hall of Fame". He was preceded in death by his loving wife of 70 years, Emma. Although we never shook hands until we met at the 2010 Bald Eagles Reunion, Paul was a good friend and contributing author to the Bulletin. He will be missed.

MILLER, RODMAN E. "ROD" – the Bulletin has been notified that Rod had passed away in May 2010 in Medford, OR. He retired from Sabreliner in 1984 with 37 years of service.

MORRIS, DONALD B. 80 – of San Clemente, CA died on August 27, 2011. After graduating from Auburn University, Don became a Navy pilot earning his wings at Pensacola. After completing his duty, he joined NAA/Rockwell and designed interiors for aircraft and spacecraft in Downey. He is survived by his son Bart and daughter Sally.

OZBIRN, JAMES A. – the Bulletin has been notified that James passed away in Yorba Linda, CA on May 14, 2011. He retired from Autonetics in 1990 with 25 years of service.

POTTER, WILLIAM W. "BILL", 86 – of Westminster, CA died on August 5, 2011. Bill joined NAA and served in Contracts

and Pricing at Space Division on the Apollo and Space Shuttle programs. He retired in 1986 with 26 years of service and two Snoopy Awards in recognition of his efforts. He is survived by his loving wife of 25 years, Doris.

ROGERS, JOE, 84 – of Garden Grove, CA, died on June 21, 2011. Joe was late reporting for work at LAD on his first day, November 9, 1959 because his son, Kevin, was born that day. He was assigned to the Plastics Department forming canopies. He later transferred to the Layup Group in Downey, working on the Apollo and Shuttle Programs. Joe retired in 1991 with 32 years of service.

SANDIFORD, MARY A. "BILLIE", 81 – passed away in Onyx, CA on July 22, 2011. Billie was a steady hand at LAD in aircraft production of wiring and cabling. She advanced to lead girl at the Crenshaw Facility and retired in 1987 with 35 years of service. She is survived by her husband of 63 years, Vernon. He is also an NAA Retiree.

SNYDER, EDWIN "ED", 73 – of Lakewood, CA, passed away on June 2, 2011. After a long career as a police officer, Ed joined NAA Security at Downey and served 16 years before retiring as Supervisor. He is survived by his loving wife, Sheryl.

SPADE, CHARLES I., 79 – passed away in Rancho Cucamonga, CA on May 19, 2011. He retired in 1993 from Space Division with 45 years of service as an engineer on various programs including the Space Shuttle. He is survived by his loving wife Marcella.

SMOTHERS, WILLIAM C., 81 – passed away on May 19, 2011 in Garden Grove, CA. He worked at NAA/RI for over 29 years as an electrical engineer. He is survived by his wife of 60 years, Patsy.

WAITE, PAUL I., 86 – passed away in Viara, FL on March 19, 2011 after a valiant two-year battle with cancer. Winning a scholarship with Pan American Airways, Paul became a flight radio officer on commercial flights. During WWII, he served in the Army Air Forces, and later, advanced to MIT's Lexington Laboratory. Moving to Florida, he worked on the Northrop Snark Missile before starting a 27-year career with North American Aviation. He served in management positions on the Minuteman Program at the Canaveral Air Force Station for 8 years. In 1968, he became base manager at Vandenberg Air Force Base. He served in key roles there and at MIT's Draper Lab on the development and flight testing of the (MX) Peacekeeper Weapon System guidance systems. He retired from Autonetics in 1987 and is survived by his loving wife of 63 years, Dorothy Jean.

WOOLHOUSE, DWIGHT L., 65 – of Placentia, CA succumbed on July 16, 2011 after an extended battle with brain cancer. Dwight began his career with McDonnell Douglas on the Skylab program after graduating from San Diego State University. Joining RI in the early stages of the Shuttle program, he served in Orbiter Design, Product Assurance, Vehicle Operations and, eventually, became Program Manager for Orbiter Development at the Boeing Huntington Beach facility. He was known for his deep dedication to human spaceflight, engineering excellence and customer responsiveness. He is survived by his loving wife of 40 years Carolyn.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

EUGENE D. MILES – CARLSBAD, CA

LARRY P. SIMPSON – VAIL, AZ

GEORGE STAYBOLDT – SPRING VALLEY, CA

JOHN M. YOSAN – LA PALMA, CA

North American Aviation Retirees Bulletin

The Silent Majority

by Stan Guzy

ALLEN, ETHEL H., 78 – died on September 28, 2011. Ethel served for 35 years upon retiring and is survived by an extended family.

AST, MARGARET, – of Seal Beach, CA: Bulletin returned stamped “Deceased”. Margaret served for 28 years at LAD. She was a splendid worker and friend.

BARROWS, ALLYN W., 80 – passed away peacefully in his sleep at home in Canyon Lake, CA on September 4, 2011. Allyn joined the U.S. Army after graduating from the University of Michigan and was assigned to the Aberdeen Proving Grounds. Completing his service, he came to California and obtained a Master’s degree from the University of Southern California. After a brief stint at Northrop Aircraft, he joined the Stress Group at NAA in Downey. He had a key role in the development of the heat shields for the Apollo and Shuttle vehicles. He is survived by his wife Audrey.

BENNER, MELVIN L., 89 – passed away on October 2, 2011 just six days short of his 90th birthday. After serving in WWII, he joined NAA as an accounting manager in Defense Electronics Operations. In 1980, Mel was presented with the NAA/RI Management Excellence Award for outstanding achievement. He retired in 1984 after 22 years of service. He is survived by his loving wife of over 63 years, Audrey.

CAMPBELL, VICTOR L., 79 – of Carson, CA, died on July 16, 2011. Victor retired in 1994 from Space Division with 40 years of service in Quality Assurance. He was assigned to projects at LAD and Seal Beach and served on the Apollo and Space Shuttle programs.

CANAS, OPHELIA FLORES, 87 – passed away on October 6, 2011. Born and raised in Santa Ana, CA, she moved to Huntington Beach, CA to raise her family. She was a supportive, determined and goal striving person, who shared her strength with her family. She retired from NAA/RI in 1985 and is survived by her extended family.

CARCHIDI, JOSEPH M., 79 – passed away peacefully at home in Fullerton, CA on October 7, 2011 after a courageous battle with cancer. A Korean War veteran, Joe joined NAA in 1955 and worked on the Apollo and Space Shuttle programs. He retired in 1993 from Space Division GSE with 28 years of service. He is survived by his loving wife of 52 years, Sally.

COZIER, WILLIAM A., 79 – died peacefully on October 20, 2011. Bill had a long career at NAA/RI from 1975 until 2010 as a software engineer on the Space Shuttle program. He designed the Backup Operating System (BOS) for the Space Shuttle Backup Flight System (BFS). He was known as the “Father of the BOS”. He is survived by his beloved wife of 42 years, Camile Cozier.

CREAGH, DON W., – of Santa Cruz, CA: Bulletin returned stamped “Deceased”. Don retired from LAD in 1990 with 24 years of service.

CROSS, ROBERT O. “BOB”, – of Grand Junction, CO: Bulletin returned stamped “Deceased”. Bob retired from Autonetics in 1986 with 30 years of service.

CROSS-HAYES, CAROL J., 77 – went to her heavenly reward on August 25, 2011, after a two year battle with pancreatic cancer, with her husband and children at her side. Carol joined NAA at Downey in the early Sixties, took a few years off to raise her family, and then returned to NAA/RI to become a Contract Administrator. She retired in 1990. She is survived by her husband Jack.

CURETON, WARREN D. “DAVE”, 86 – of Fullerton, CA passed away on August 30, 2011. Dave came to Space Division in 1963 after serving at Grand Central Rocket and Hughes. His efforts were directed towards electronic systems, especially the Apollo Crew Displays & Controls. He advanced from MTS to Supervisor to Astronaut Consultant. After the Apollo 1 fire, he dedicated himself with great intensity in the effort to ensure astronaut safety. Dave worked on the Space Shuttle General Purpose Computer hardware and was consulted on the Teal Ruby satellite and various Star Wars programs. He was recognized as an Engineer of the Year nominee. After 25 years of service, Dave retired in 1987 and renewed his passion for music. Dave was Choir Director at the Brea Congregational Church, played the saxophone with the Eastside Christian Church Worship Band and the bassoon with the Evangelical Free Orchestra. He was also a member of the Bones West Trombone Choir and a barbershop choir. He was a man of note! Dave is survived by his wife of 44 years, Betty.

DOBSON, ROBERT K., 85 – of Torrance CA, passed away peacefully at home on August 6, 2011. Bob retired from Space Division in 1987 with 40 years of service. He is survived by his loving wife of 60 years, Pauline.

ECKARD, RAYMOND “RAY”, 77 – passed away at his home in Roseburg, OR on September 2, 2011 from complications associated with cancer. He is survived by his wife Mary.

JACOBI, WILLIAM E., – of Fallon, NV: Bulletin returned stamped “Deceased”. Bill retired from Space Division-Palmdale in 1983 with 28 years of service.

JOYNER, CHARLES F., – of Granbury, TX: Bulletin returned stamped “Deceased”. Charles retired from Space Division with 30 years of service.

JURGENS, AUDREY, 93 – passed away in Cody, WY on October 25, 2011. Audrey was an independent spirit. Graduating from high school in Denver, she worked as a typist with the U.S. Forestry Service. During WWII, she joined the U.S. Army Women’s Army Auxiliary Corps (WAAC), where she received additional clerical training and was sent to OTS. She served and was discharged as an officer. She graduated from Ohio State University on the G.I. Bill and joined NAA at the Columbus Facility. She served for 29 years, finishing her career in Personnel. Audrey later returned to the mountains of Wyoming and enjoyed the great outdoors.

MAIER, ARTHUR C., 100 – of Rancho Palos Verdes, CA. passed away on August 3, 2011. Art had served at LAD for 36 years when he retired. He was a president of the Palos Verdes South Homeowners Association and was active in the formation of the city of Rancho Palos Verdes.

NICHOLS, WILLIAM E. “NICK” or “BILL”, 84 – passed away in Columbus, OH on October 26, 2011. Bill retired from the Columbus plant in 1970 after a 20 year career primarily dedicated to the T-28 and the NOMAD program. He was the primary specialist technician serving as a liaison converting disposed T-28As into FENNECs for the French Air Force to be used for counter-insurgency in Algiers.

His coordination was performed with PAC Aero in Burbank, CA and SUD Aviation in France. He was a member of the ANA Helldivers Squadron.

NORTON, MYLIN C., 87 – passed away on September 19, 2011. He served in the U.S. Coast Guard and U.S. Navy during WWII and was stationed in Japan during the Korean conflict. Mylin was employed at NAA/RI as a Materials Contract Administrator at Downey on the External Tiles Program for the Space Shuttle Development project. Mylin will be dearly missed by his wife of 59 years, Lois “Honey”.

OGLE, BILL, 87 – passed away in Chickasha, OK on October 1, 2011. Bill joined NAA at LAD in Material and moved to Transportation as a truck driver. As needed, he transferred to an NAA operation at Douglas in Long Beach, Downey and finally at Autonetics as a private chauffeur. When he retired, he had over 40 years of service with the company.

SAMMONS, GERALD D., 72 – passed away on September 10, 2011 at the home of his daughter. Gerry was a Silver Eagle subscriber of the Retirees Bulletin. He had worked at Autonetics for 37 years before retiring in 1995. Gerry was predeceased by his wife, Joan.

SHIMONO, GEORGE F., 78 – passed peacefully on October 20, 2011. George was a veteran of the U.S. Air Force during the Korean conflict. He retired from NAA/RI after 35 years of dedicated service in the Engineering disciplines. George is survived by his loving wife Barbara.

SWEET, HAROLD R., 89 – of Olympia, WA, passed away on October 9, 2011. After military service in the South Pacific, Harold obtained an M.S. degree in Aeronautical Engineering from Rensselaer Polytechnic Institute. At LAD, his greatest achievement was being a part of the X-15 Design Team. He retired in 1977 with 29 years of service.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

C. ERNEST “ERNIE” KELSO – MEDFORD, OR

THOMAS W. MILLER – WESTMINSTER, CA

INEZ G SEEFRIED – CYPRESS, CA

PHILIP D. WILTSE – ALTOONA, IA

PAX DOMINI SIT SEMPER VOBISCUM

The Silent Majority

by Stan Guzy



ASTRONAUT JANICE VOSS, 55 – a veteran of five space-flights and a former science director for a NASA exoplanet-hunting spacecraft, Janice passed away on February 6, 2012 of cancer. Her first mission, STS-57, aboard Endeavor, included biomedical and material science exper-

iments in the pressurized Spacehab module mounted in the payload bay. Other flights included two rendezvous missions with the Russian Mir space station and a complete digital topographic map of the Earth mission. In total, Janice logged over 49 days in Space, traveling 18.8 million miles circling the Earth 779 times. She received her doctorate degree in aeronautics and astronautics from MIT.

RAIKLIN, HAROLD “HAL”, 91 – passed away on January 3, 2012 in Long Beach, CA. After serving six years in the USAF, he earned his B.S. and M.S. degree in Mechanical Engineering at MIT. Joining NAA, his technical leadership extends to the B-45, F-86, F-100, XB-70 and B-1 aircraft and the Saturn S-II Booster. Retiring from NAA/RI in 1982 after 33 years, he had served as Vice President of Engineering and Research, North American Aircraft Operations and as Vice President Space Division and Program Manager/President Saturn S-II/Apollo. In 1976, he was the recipient of the prestigious Robert J. Collier Trophy in recognition of his magnificent work on the B-1.

ALPERT, ROBERT A. “BOB”, 83 – of Henderson, NV, collapsed at an IBM seminar on October 26, 2011 at the Mandalay Bay Hotel and passed away in the hospital of cardiac arrest. Bob had served in the Korean conflict and retired from Space Division in 1990 with 28 years of service on the Apollo and Model Cities programs. He had celebrated his 60th Wedding Anniversary on August 19th with his loving wife, Mildred.

ANDERSON, BEVERLY A., 80 – passed away in the hospital in Henderson, NV on November 17, 2011 after colon surgery. Serving at Autonetics and Seal Beach, Beverly was one of the fastest typists in the Company, often completing the assignment before the submitter returned to his desk. Retiring after 30 years of service, she loved the nickel machines and bingo games at the Las Vegas casinos. Good Night Beverly!

BAKER, PATRICIA J., – of Hawaiian Gardens, CA, passed away peacefully on December 1, 2011 just two months after being diagnosed with cancer. Pat had a lifelong career as a secretary in Downey, retiring in 1996 with 34 years of service. She was always a generous person and a fun loving spirit.

BOWMAN, ROBERT L. “BOB”, 77 – died in Anaheim, CA on January 18, 2012. After serving with the 3rd Marine Division, Bob came to Space Division in 1960 and worked in the Clean Room as a tube brazer for fluid systems on the Apollo and Shuttle programs.

ETZEL, CHARLES W. “CHUCK”, 80 – passed away on September 13, 2011 at home in Hays, KS. Chuck joined NAA in 1951 and advanced from the Machine Shop through Lofting to Design. He worked on the B-70, Apollo/Saturn and B-1 programs and retired from Space Shuttle GSE in 1986 as a Design Engineer with 35 years of service. He is survived by his loving wife, Bettye, who is also an NAA/RI retiree with 29 years of service.

GEJER, JOHN H., 92 – passed away peacefully in his home in Hawthorne, CA on December 8, 2011. John came to LAD in March 1942. In April 1943 he joined the U.S. Navy and served aboard the destroyer *USS Hunt* in the South Pacific. At the end of hostilities, he returned to NAA and served for 35 years until retiring from Rocketdyne in 1977. He was a Life Member of the Death Valley '49ers. John is survived by the love of his life of 70 years, Margaret.

GOSS, JOSEPH R., 82 – of Huntington Beach, CA passed away following heart valve surgery. Joe served in Korea in 1951 and earned a B.S. in Engineering from USC in 1959. While at USC, he worked summers at Rocketdyne on the J-2 Rocket Engine and advanced with growing responsibilities at LAD. He was a B-1 Proposal Manager and upon contract award became a Vice President. He retired in 1996 and is survived by his loving wife of 57 years, Janice.

HENRY, ROBERT “BOB”, 81 – of Prescott, AZ died in his sleep on January 17, 2012. Bob had 25 years of service on the Saturn II and Space Shuttle projects at Space Division when he retired in 1989. He was responsible for the Shuttle Main Propulsion Liquid H₂ and O₂ feed lines. Bob is survived by his loving wife, Dorothy.

LEVY, WILLIAM J. “BILL”, 78 – died of lung cancer at his home in Orange, CA on December 15, 2011. He retired in 1990 after 29 years of service with NAA/RI Defense Electronics in Anaheim, CA. He had been very

active with the Orange Rotary Club and traveled extensively with his loving wife of 49 years, Ruth.

LLORENTE, DAVID, 82 – died on January 12, 2012 in Webster, TX following an extensive illness. David spent his childhood in the Philippines, attended grade school in Japan and high school in Carmel, CA. After serving in the U.S. Army Air Corps, he graduated from Northrop Institute and joined NAA as a Technical Representative. He later transferred to Space Division in Downey and moved on to NASA/JSC and NASA/KSC. He was named Director of Quality and Reliability for NAA/RI on the STSOC program, retiring with 35 years of service. He is survived by his caring wife, Anita Darlene.

MASSEY, DALE L., 73 – passed away peacefully on November 17, 2011 after a year-long battle with cancer. Dale retired after 30 years of service to enjoy her passions – family, traveling and cooking.

PIZULA, NICKOLAS “STEVE”, 87 – died on December 10, 2011. Steve served proudly in the USMC during World War II and worked for many years as a computer operator at NAA/RI. He had a passion for golf and will be missed by his family and friends.

PROCTOR, EDWARD G. “JERRY”, 81 – passed away on February 24, 2011 at his home in Sequim, WA with his wife and daughter at his side. Jerry retired in 1990 from LAD with 30 years of service. He was an avid golfer

and enjoyed his days on the links. He is survived by his loving wife, Hazel.

ROBERSON, WILLIAM E., 82 – passed away on November 18, 2011 of Lou Gehrig disease. He lived in the South Bay area of Gardena, CA for 59 years. He retired from LAD in 1984 with 31 years of service as a welder on several programs including the B-1. He is survived by his wife of 37 years, Bernice.

SCHUETZ, PHILLIP H., 76 – of Buena Park, CA died on January 22, 2012. Phil retired in 1997 from Space Division where he served in Structural Dynamics conducting vibration and acoustic tests on Apollo and Space Shuttle structures. He is survived by his wife, Helen.

SEARS, ROBERT E., JR., 80 – passed away on December 24, 2011 from a non-malignant Meningioma Tumor of the Frontal Lobe which was diagnosed in 1993. Bob joined NAA Columbus in the late 1950s, transferred to NAA Cape Canaveral in the 1960s, came to NAA Downey and NAA Palmdale in the 1980s and, finally, retired from NAA/RI at Vandenberg AFB in 1990 with 35 years of service. He is survived by his loving wife of 50 years, Dolores.

ZUCKER, HERBERT W., 83 – passed away on January 1, 2012. After service in Korea, Herb joined NAA in 1953 and retired with over 37 years of service. He is survived by his wife of 51 years, Thelma.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

THOMAS W. MILLER – WESTMINSTER, CA

P. A. PETERSON – TORRANCE, CA

SOLOMON H. PLEASANT, JR. – RIO VERDE, AZ

PAX DOMINI SIT SEMPER VOBISCUM

“When I stand before God at the end of my life, I would hope that I would not have a single bit of talent left, and could say, ‘I used everything you gave me.’”

— Erma Bombeck

McLUCKEY, JOHN A. – former President of Boeing Space Systems died on April 13, 2012 after an extended battle with pancreatic cancer. During a career that spanned four decades, he played a key role in shaping the aerospace and defense programs at NAA/RI and Boeing. Before retiring in 1998, he led the integration of McDonnell Douglas and Boeing which led to the forming of what is now Boeing Defense, Space and Security. He was instrumental in the establishment of the Autonetics monument located on the original site. He is survived by his caring wife Sharon.

BECKHAM, JOHN N., 86 – died in June 2011. John served as a B-24 pilot in the USAAF during WWII. He joined Autonetics in 1960 and worked on many programs before retiring in 1987. He is survived by his wife Dottie.

DICKINSON, CARL J., 87 – passed away in Owasso, OK on March 31, 2011. After service in the U.S. Navy during WWII, Carl joined NAA and served at the Columbus, LAD, Space, KSC and Tulsa Divisions before retiring as a Program Manager in 1986. He is survived by his wife of 59 years, Doris.

DOTY, ROBERT L., 93 – died in Orange, CA on March 13, 2012. Robert enlisted in the Navy at 16 and fought in WWII aboard the *USS Louisville*. He earned a Ph.D. in Electrical Engineering from the University of Iowa and led in innovations in microelectronics during his 35-year career at Autonetics. His wife of 67 years, Marjorie, passed away on March 6, 2012.

DUNN, ROBERT E., 93 – of Orting, WA, passed away on April 13, 2011. Bob retired from Space Division in 1981 with 35 years of service.

FORMAN, ARCH A., 93 – of Rolling Hills Estates, CA died on December 9, 2011. Arch retired from Engineering Flight Test at LAD in 1989 with over 40 years of service. He is survived by his loving wife of 69 years, Evelyn.

GLASSER, MARJORIE A. “MARGE”, 79 – of Laguna Woods, CA died on March 20, 2012. Coming to California in 1982, Marge worked at the Marine Systems Division until she retired. She was preceded in death by her husband Ron.

GRAZIANO, WILLIAM D. “BILL” – of Palos Verdes, CA passed away on April 4, 2012. Earning a B.S. degree, Bill served in the USAAF during WWII as a meteorologist. After the war, he obtained his M.S. in Aero Engineering from Caltech and joined LAD. His capabilities led to many high level assignments in the Structures/Technology disciplines. Bill retired in 1992 with 45 years of service. He is survived by his loving wife of 64 years, Mary Joyce.

HARKER III, EDWARD B., 76 – passed away in Thousand Oaks, CA on May 6, 2011. Obtaining his degree from Cal Poly San Luis Obispo, he joined NAA as an engineer and retired in 1996. He is survived by his wife of 55 years, Jean.

HERSCHLER, WILBERT “BILL”, 83 – passed away peacefully in his sleep on January 17, 2012 in Torrance, CA. After serving in the U.S. Army Air Forces during World War II, Bill moved his family to California and joined NAA. He worked on wiring and cable assemblies for many programs including the B-1, Sabreliner and Apollo. He retired from LAD in 1988 with 39 years of service. He is survived by his loving wife of 64 years, Rita.

HOLLAND, ETHEL MAE, 89 – died in Bourbonnais, IL on March 2, 2012. Ethel Mae attended the Tuskegee Institute and graduated from Tennessee State University in Nashville, TN in the Class of 1943. After graduation, she moved to California and joined NAA at LAD in the Engineering Planning Group. She is remembered as a charming lady and a very competent planner. Ethel Mae retired with 49 years of service.

KAFFENBERGER, DUANE, 73 – died on April 7, 2012. He retired from Autonetics in 1994 with 38 years of service as a mechanical engineer. He is survived by his loving wife Kathy.

KENYON, HOWARD A., 86 – of Cerritos, CA passed away on March 12, 2012. Howard served with the Navy in the South Pacific during WWII. Graduating from Georgia Tech with an Aero Engineering degree, he served on many high profile programs. Retiring from Space Division in 2000 with 35 years of service, he became a patent attorney and helped numerous clients to get their patents. He is survived by his loving wife Diane.

KREIDER, PETER A., 86 – passed away in Napa, CA on February 10, 2012. Peter retired from Collins Radio located in Cedar Rapids, Iowa in 1981 with 33 years of service. He is survived by his wife Barbara.

KUNZE, MARILOU, 80 – of Newhall, CA, passed away on May 20, 2012 after a valiant struggle with liver cancer. Marilou started at LAD in the Pricing Department in 1952. She developed her skills and later transferred to Autonetics Pricing and, finally, to Rocketdyne Pricing. She always enjoyed her work and retired in 1987 with 35 years of service.

KURZ, ANTHONY “TONY”, 77 – passed away at home in Winchester, OR on November 8, 2011. Tony retired from Autonetics as a Finance manager in 1990 with 30 years of service. He is survived by his loving wife Joyce who is also a retiree with 30 years of service.

LANGON, E. L. “DUTCHIE”, 88 – of Downey, CA passed away on February 10, 2012. Retiring from the Space Division in 2000 with 50 years of service as a parts expeditor, Dutchie served at LAD, Butler Hangar, Bell Warehouse and Downey. She was always quick with a smile, a cheerful word and a happy disposition. Good Night Dutchie!

LOKKE, BRUCE H. – of Paso Robles, CA passed away on May 1, 2012. Bruce was a Tech Writer on the Sabreliner, Apollo and Skylab programs with 35 years of service, retiring from Space Division in 1983.

LOTGERING, GENE E., 81 – passed away on March 13, 2012 in Mountain Home, AR. He served in management on the Space Shuttle thermal control and numerical control tiles design areas. He was president of the NAA/RI National Management Club and retired in 1990 with 40 years of service. He is survived by his loving wife Phyllis.

McKEEN, HOWARD BRUCE “MAC”, 88 – succumbed on February 26, 2012 in Lancaster, CA. He attended the Northrop Institute of Technology and served as an Army Air Forces bomber pilot during WWII. Mac joined NAA in 1950 and served as a flight test engineer at Palmdale and Edwards AFB on many projects including the A3J, B-70 and B-1 aircraft. He retired in 1983 as a flight test manager.

PETERSON, BENJAMIN G., 88 – of Rancho Palos Verdes, CA passed away on February 9, 2012. Ben retired from LAD in 1981 with 35 years of service.

PHILLIPS (CROSBY), PATRICIA A., 88 – of Orange, CA passed away on February 13, 2012 after a short illness. Pat served as a scheduler and planner at Rocketdyne for 28 years when she retired in 1981. She enjoyed being a team member for the Shuttle and went to KSC to witness a Shuttle launch. Patricia was much loved and will be sorely missed.

PHILLIPS, WILLIAM R. "BILL" – subscription reminder card returned to the Bulletin indicating that Bill passed away in Las Vegas, NV in May 2010. He retired from the B-1 program at LAD in 1979 with 39 years of service.

RODRIGUEZ, ARTHUR W., 85 – passed away on February 6, 2012. Rod was a WWII Marine veteran, having participated in several island landings and receiving the Purple Heart after the heated battles of Iwo Jima. He also served as a combat artist in Korea before joining NAA as a technical illustrator on the Apollo program. In retirement, he focused on his painting talents.

SCOBLE, AL, 69 – reported to have passed away on March 16, 2010 as a result of a heart attack. Al worked his way up the ladder of success, joining NAA in 1958 as a mailroom employee and advancing to Director of Purchasing for the B-1 program. He retired in 1995 with 36 years of service.

SEITZ, PAUL F., 75 – passed away in Woodland Hills, CA surrounded by his loved ones. After receiving an Engineering Masters degree from USC, Paul joined Rocketdyne and helped pioneer engines for the Apollo and Space Shuttle programs. Respected by his peers, he received the "Robert H. Goddard Space Propulsion Pioneer Award" in 2009. He is survived by his wife of 54 years, Carolyn.

SIDES, IRA L., JR., 82 – passed away at home in Inglewood, CA on February 23, 2012. Ira started at LAD and retired from Space Division in 1992 with 45 years of service in electrical fabrication. He is survived by his loving wife Lola.

SMITH, EMERSON W., 89 – died in Charlottesville, VA on April 24, 2012. Emerson received his Masters degree in Mechanical Engineering from Cal Tech and joined NAA at the Columbus Division in 1952. He retired in 1970 with 19 years of service. Among his accomplishments he designed the ejection seat for the F-100 Super Sabre and was the Director of Engineering for the OV-10 Bronco aircraft. Emerson was predeceased by his loving wife of 63 years, Elizabeth.

STINSON, WILLIAM R. "BILL", 79 – died at home in Gold Beach, OR with his family at his side. Bill was an engineering

scheduler on the B-1, Apollo, Shuttle and SDI programs. He retired in 1994 from Space Division with 32 years of service. An avid reader and historian of WWII, Bill volunteered many years of service at the Chino Air Museum. He is survived by his devoted wife, Margaret.

STRONG, INGMAR "AL", 85 – passed away on January 8, 2011 from undisclosed causes. He is survived by his wife Mary Ann.

TAYLOR, GERALD K., 82 – of Rancho Palos Verdes, CA died on February 17, 2012 of complications of cancer. After serving for 20 years as an Air Force pilot, he joined NAA as a Sabreliner production test pilot and a project engineer on the B-1. He is survived by his wife Betty.

TIPTON, HAROLD F. "HAL", JR. – of Villa Park, CA passed away on March 16, 2012. Hal received a B.S. in Engineering from the U.S. Naval Academy, an M.A. in Personnel Administration from George Washington University and a Certificate in Computer Science from the University of California at Irvine. He was a Naval aviator with the rank of Commander when he retired in 1969 with 20 years of service to his country. He joined Rockwell and became Director of Computer Security. He instituted many technological advances before his retirement in 1994. He is survived by his wife of 62 years, Margaret.

WINANS, MERYL K., 82 – of Las Vegas, NV died on March 29, 2012. Meryl served in the USAF during the Korean War. Earning an engineering degree, he joined Autonetics as a Manufacturing Engineer. Meryl retired in 1988 with 27 years of service. He was very active in the Civil Air Patrol and owned an NAA Navion and a Beech Bonanza. With the CAP, he was credited with finding and helping rescue a powered paraglider pilot who crashed in a remote mountain area in Nevada.

YOUNG, HOWARD C., 92 – of Lancaster, CA passed away on April 9, 2012. Howard started with NAA in 1942, left to serve with the 38th Infantry Division in the South Pacific and returned to NAA in 1946. In 1972 he moved his family to the Antelope Valley where he served on the B-1 and Space Shuttle programs until his retirement in 1980. He is survived by his wife Rose.

ZIMMER, FRED – passed away peacefully on January 20, 2012 in Frisco, TX with his family at his side. Fred retired from the Corporate Offices in 1994 as Corporate Vice President of Contracts and Pricing with 42 years of service. He is remembered by his colleagues as a person of integrity, knowledge and focus on the best interests of the company and its people. He is survived by his loving wife of 60 years, Nancy.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

RETA C. CAGLE – MISSION VIEJO, CA

VICTOR Q. HOFFMAN – IRVINE, CA

G. R. "DICK" MORGAN – CANOGA PARK, CA

SOLOMON H. PLEASANT, JR. – RIO VERDE, AZ

The Silent Majority

by Stan Guzy



Gemini and Apollo programs. It is with heavy hearts that we include him in this Silent Majority

ASTRONAUT NEIL ARMSTRONG, 82 – America's outstanding son passed away on August 25, 2012 following complications from heart bypass surgery. Neil Armstrong, the boyish reluctant American hero who always believed he was just doing what was expected, was a Navy fighter pilot during the Korean War, an X-15 test pilot and an astronaut with space time on the



ASTRONAUT SALLY K. RIDE, Ph.D., 61 – passed away on July 23, 2012 after a 17-month valiant battle with pancreatic cancer. Dr. Ride was the first American woman in Space when she served as a Mission Specialist for Mission STS-7 aboard *Challenger*. She flew a second mission aboard *Challenger* for Mission STS-41G. She served as a member of the Presidential Commission investigating both Shuttle accidents. In 1989, Dr. Ride joined the faculty of the University of California San Diego as a Professor of Physics and Director of the University of California's California Space Institute. In 2001, she founded her own company, Sally Ride Science, to motivate young women to pursue careers in science, math and technology. Sally Ride was an American Treasure.

ARTINGSTALL, THOMAS, 89 – passed away on July 23, 2012. After earning a B.S. in Mechanical Engineering from the Illinois Institute of Technology, he joined Autonetics as Chief Designer for the Radar/Transmitter Development Staff, moved to LAD in Avionics and research areas and, later, to Space Division in the development of the Space Shuttle Payload Arm. He was listed in Who's Who of the West and received numerous awards for his achievements. Tom is survived by his wife of 47 years, Arloah.

BALL, JAMES H. "JIM", 89 – passed away peacefully in Ventura, CA on May 24, 2012. Jim joined NAA in 1941 and dedicated his entire career there except for the time he served in the U.S. Army Air Force during WW II. He worked in Engineering and Proposal Management for 38 years when he retired in 1979.

BATSON, ROY "PUNKY", 69 – of Corona, CA passed away on June 5, 2012. Roy retired from Rockwell/Boeing with 31 years of service. He is survived by his wife Linda.

BELLASPERANZA, DOMINIC J., 85 – passed away on June 13, 2012 in Fairhope, AL. He came to Antelope Valley, CA as a Facilities Engineer. Working on many programs including the Space Shuttle, he managed to earn an Engineering Ph.D. before he retired with 36 years of service.

BISCHOFF, JACK E., 80 – died on May 11, 2012, after a long illness, in Norco, CA. He worked at Autonetics and during his career was involved in the bidding, capture and performance of many major ICBM contracts.

BISSELL, WILLIAM R. "BILL", 77 – died in Thousand Oaks, CA on May 11, 2012. After earning a M.S. degree from Rensselaer Polytechnic Institute, Bill joined Rocketdyne and was assigned to Advanced Programs where he worked on advanced technology for the Apollo and Space Shuttle programs. He was awarded three patents involving pumps for turbo machinery. He retired in 1992 and trekked all around the world with his wife Margaret.

BRIGHT, CHARLES W. "BILL", 86 – passed away suddenly at

home in Lancaster, CA on July 4, 2012. During military service, he worked on missiles and rocket propulsion systems, leading to a career at Rocketdyne. Subsequently, he moved to Space Division to manage the final checkout operations of the Apollo Command Module. With the end of the Apollo Program, he moved to LAD to develop and build the B-1. He retired in 1992 from Palmdale with 38 years of service. He is survived by his loving wife, Donna.

CAMERON, MARY R., 89 – of Los Gatos, CA died on March 17, 2012. At 18, she came to California for a vacation in December 1941 and joined LAD as a Production Control record keeper with her pay being 60¢ per hour. Over the next ten years she advanced at LAD Manufacturing, moved to Downey where she served in Manufacturing Cost Analysis and, finally, moved to Anaheim with the Autonetics Group. There she advanced in department management for Production Operations. She retired in 1980 and served as a consultant at the Dallas, Atlanta, and Anaheim facilities for another 3 ½ years. Her view of working for NAA/Rockwell was, *"There are a lot of things you can do at this company. There's a sense of freedom. I've been given very interesting jobs. Management has often said to me, 'There's a problem over there, see if you can solve it.' That's been the challenge. When you get involved in that sort of thing, work is not drudgery."* Mary retired as the highest ranking woman in the history of North American Aviation and Rockwell.

COMMERFORD, GERARD L. 78 – passed away on July 3, 2012 surrounded by his family after a courageous battle with cancer. Earning a B.S. and an M.S. in Aeronautical Engineering and Aerospace Technical Management, he worked on the Shuttle Program and was instrumental in achieving a successful Return to Flight of the Space Shuttle. He received many awards and was admired for his integrity and character. He retired in 1996 with 38 years of service. Gerry is survived by his beloved wife, Nancy

CUTHBERT, THOMAS W., 74 – passed away on July 15, 2012 at the Wisconsin Veteran's Home – Stordock Hall in King, WI. After serving in the Navy, Tom came to NAA/RI in 1966 and retired in 1999. He is survived by an extended family.

DUPAQUIER, PIERRE M. "PETE", 82 – of Long Beach, CA lost his battle with cancer on August 7, 2012. Serving 34 years, he retired from Space Division in 1986 as supervisor of Structural Analysis on the Apollo and Space Shuttle programs. A very unusual and talented individual, Pete was a civilian pilot, a sailing enthusiast, having sailed to many Pacific Islands with a sextant his only navigational tool, a long distance cyclist, a ham radio operator in the days of Morse Code, and a jogger and a marathoner. He is survived by his wife Anna.

FESLER, LLOYD W., 85 – went to his reward on August 4, 2012 from undisclosed causes. After working his way through college in Missouri, he came to California and went to work at NAA/RI in 1951 and began a computer programmer career that lasted 40 years until his retirement from NAA/RI in 1990. His wife, Peggy, preceded him in death.

HASTINGS, GENE F., 77 – passed away peacefully in Anaheim, CA on April 15, 2012 with his family at his side. Graduating from San Diego State University with a B.S. in Mechanical Engineering, he began his career with NAA/RI in 1959. He retired in 1995 with 36 years of service. Gene was married to the love of his life, Joan, for 51 years.

HESGARD, NORMAN A., 90 – of Placentia, CA died on August 18, 2012. After graduating from Oregon State in 1955, he moved his family to Southern California where he spent his 30-year career as an electrical engineer with NAA/RI. Norman is survived by his wife of 70 years, Wanda.

HOOPS, HOWARD M., 92 – died in Hamilton, TX of pneumonia on May 22, 2012. Howard was a flight instructor and fighter pilot during WWII. He worked at Edwards AFB before coming to Autonetics and serving in Data Management. He retired in 1981 with 20 years of service.

HORVATH, JOSEPH “JOE”, 90 – died at his home in Pennsylvania on June 12, 2012. He was a USMC veteran of WWII, received the Purple Heart, worked at the Long Beach Naval shipyard and NAA/RI before retiring. He is survived by his wife of 67 years, Margie.

HURZELER, JAMES E., 94 – of Palos Verdes Estates, CA passed away on July 5, 2012. Jim was passionate about his work and about North American Aviation. He retired from LAD in 1979 with 33 years of service, having worked on all major programs including the F-100, B-70, HIMAT, B-1, and X-15. He is survived by his loving wife of 70 years, Coleen.

KEANE, EDMOND J., 89 – passed away peacefully on July 19, 2012. Ed served in the Navy and attended Loyola University where he earned a B.A. in Business. He then joined NAA/RI where he enjoyed a 30-year career in the field of Human Resource Management. Ed's wife, Rosemary preceded him in death.

KENNEDY, DAVID, 84 – died on August 13, 2012. Raised in Pennsylvania, Dave and his family eventually settled in Orange County, where they lived for forty-five years. Dave held two Masters Degrees, the first in Engineering and the other in Business Management. He was a Quality Control expert at the Marine Systems Division and worked on every autonavigator used by Navy submarines. He retired in 1989 with 35 years of service. Dave was preceded in death by his “Princess” Janice, after 52 years of marriage.

KOCH, ALAN, 73 – passed away in Phoenix, AZ on June 8, 2012. Alan suffered a massive stroke on May 25, 2012 while hiking in Switzerland. He retired from NAA in 1994 after 34 years of service and enjoyed 18 beautiful years in Prescott, AZ. He is survived by his loving wife Terry.

KOVICH, ROBERT, 72 – passed on peacefully on May 12, 2012. Bob earned a B.S. and M.A. in Mathematics while attending North Dakota State University. He joined Autonetics in 1963 and retired in 1997. He is survived by his wife of 49 years, Wilda.

KRAVITZ, JERRY R. – of Mission Viejo, CA. The Bulletin received notice that Jerry passed away on March 25, 2012. He retired from LAD in 1993 with 39 years of service. He is survived by his loving wife Mary Ann.

LUSSIER, PHILAS J., 84 – passed away on February 23, 2012 in Orange, CA. Phil was born in Tupper Lake, NY, served in the U.S. Navy and eventually settled in Southern California. He joined NAA/RI and served diligently for 35 years before retiring in 1992. Phil was very active in community affairs and is survived by his wife of 63 years, Carolyn.

NEWBILL, WILLIAM A., 85 - died on June 24, 2012 in Lancaster, CA. He was born in Memphis, TN, came to Southern California after military service and lived in Antelope Valley for the past 14 years. Bill retired from NAA/RI with 32 years of service. He is survived by his devoted wife, Juanita.

NIELSEN, DONNA, 87 – passed away peacefully at her home in Torrance, CA on January 9, 2012. She was an active member of the U.A.W. and retired from NAA in 1985 with 33 years of service. As

a planner on the Space Shuttle program, she proudly met several of the astronauts.

NUTT, JOHANNA, 100 – of Huntington Beach, CA, passed away peacefully on June 11, 2012 in Long Beach, CA. She retired from NAA in 1974 and found delight in babysitting and enjoying her family.

OQUIST, HAROLD O. “HAL”, 77 – died in Montecito, CA on July 3, 2012. He retired from Rocketdyne with 30 years of service on many programs including the RS-14 Minuteman Postboost Velocity Control Engine, Apollo Lunar Excursion Module, Saturn Engines, Atlas Missile and Launch Vehicle Engines and Space Shuttle Main Engines. He was preceded in death by his wife Valerie, also an early Rocketdyne employee.

PURCELL, FRANK L., 95 – passed away on May 21, 2012 in Lancaster, CA. Frank and his bride came to California in 1937. Frank worked for Douglas Aircraft and North American Aviation on several experimental aircraft projects. After retirement, he became a Real Estate broker in the Lancaster area. His wife of 74 years, Sybil, preceded him in death.

RUGGLES, JOSEPH J., 88 – passed away in Worthington, OH on June 30, 2012. Graduating from Ohio State University in 1950 with a B.S. in Industrial Engineering, Joseph joined NAA at the Columbus Division. He retired in 1984 after a long career in Facilities & Industrial Engineering management.

SCHROEDER, KATHLEEN, 68 – a longtime resident of Yorba Linda, CA, passed away peacefully on August 14, 2012 after a heroic five and a half year battle with breast cancer. Her spirit and strength through this ordeal will forever serve as a life lesson for all who knew and loved her. Kathy settled in Southern California where she began her career as a Director of Communications for NAA/RI and the Boeing Corporation. Kathy was preceded in death by her loving husband Robert.

SHEA, JAMES P. “PAT”, 83 – of Fallbrook, CA passed away on March 15, 2012. After graduating from high school, Pat continued his education in the Naval and Air Force Station at Portsmouth, VA as an aircraft instrument mechanic, field service instructor, A&E mechanic and jet fighter specialist, earning his private pilot's license. He joined LAD in 1954 as a Tech Rep on the F-100, moved to Missile Division on the Navaho and Hound Dog, and, finally, to Management at Autonetics for radar on the F-104, F-105, F-111, antennas for GPS satellites, and numerous guidance packages for tactical missiles. He retired in 1992. Pat is survived by his loving wife of 60 years, Sylvia.

WOODWARD, EDWIN E., 79 – died peacefully in his home in Holland, MI on August, 18, 2012. He received his B.A. in Political Science from UCLA in 1955. He began his career as an educator, but, in seeking a better quality of life for his family, Ed joined NAA/RI, as a Cost Analyst on the Apollo and Space Shuttle programs. His family's fondest memories of him include enjoying his intellect, quick wit and sense of humor.

WRIGHT, PAUL C., JR., “PC”, 91 – died on February 26, 2010 in Columbus, OH. Paul joined the Columbus Division in 1956 as an electronics and antenna engineer and retired from the B-1 Division at Palmdale in 1979 where he served on numerous programs including the A3J, B-70, B-1, and Apollo. After retirement, he served at Wright-Patterson AFB on B-52 electronic countermeasure techniques and hardware design.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

G. R. “DICK” MORGAN – CANOGA PARK, CA

GARY A. ODERKIRK – BLAINE, WA

North American Aviation Retirees Bulletin

The Silent Majority

by Stan Guzy

MERRICK, GEORGE B., 84 – of Manhattan Beach, CA passed away on September 21, 2012. After graduating in 1949 from the University of Minnesota with a B.S. Degree in Aeronautical Engineering, he joined NAA and served for 43 years in which time he advanced to leadership roles on the X-15, Apollo and Space Shuttle Orbiter. George retired in 1991 as Corporate Vice President. He is survived by his wife of 61 years, Ellie.

VUCELIC, MICHAEL (MILOJKO) "MIKE", 82 – passed away at home in La Jolla, CA on September 7, 2012. Mike grew up in war torn Zagreb, Croatia where he earned degrees in aeronautical engineering, learned to fly and mastered four languages, including Russian. He escaped General Tito's communist Yugoslavia and joined Mercedes-Benz in Germany. Immigrating to America in 1956, he worked for Cessna and Stanley Aviation before coming to Space Division in 1962. His engineering skills and management style led to leadership roles in Apollo systems integration and mission control followed by management on the Apollo-Soyuz program. His final assignment was with the NAR Corporate Office International Development team in Pittsburgh. He retired in 1982 with 20 years of service. He is survived by his loving wife Inge.

BELL, M. W. "JACK", 88 – passed away on June 12, 2012 after a prolonged battle with Parkinson's disease. Joining NAA in the 1950s, he was immediately recognized for his special skills. He was assigned to Advanced Engineering and worked on many "black" programs. He retired in the mid 1990s after more than 31 years of service at the Space Division and Seal Beach facilities. He lost his beloved wife of 46 years, Janell, in 1996.

BRADY, NORMAN C., SR., 92 – passed away at home in Seal Beach, CA on August 31, 2012. Norman came to NAA-Rockwell in 1968 after a long career at Glenn L. Martin Co. He worked on the Apollo, Skylab and Shuttle programs before he retired in 1982. He is survived by his wife of 70 years, Mary Ellen.

BRUSTO, STANLEY B., 82 – of Mead, CO passed away on September 12, 2012. After service in the U.S. Army, Stan joined NAA in 1952 and retired as a manager in 1987. He enjoyed softball and camping. He was preceded in death by his loving wife Elaine.

CANNING, JAMES "JIM", 95 – departed peacefully at UCLA Medical Center on August 12, 2012 after suffering a stroke. Jim worked as an engineer on many projects but he was proudest of the X-15 Program. He was a performing member of the NAA Flying Horsemen. He retired from LAD in 1967 with 21 years of service. His wife, Angie, preceded him in death and he is survived by his companion, Mary.

CARUSA, RICHARD, 83 – passed away on October 4, 2012 in Artesia, CA. Dick joined the U.S. Coast Guard during the Korean War and met his wife on Saipan in 1953. Discharged, he came to NAA as a test engineer on the inertial guidance systems projects, retiring after 35 years.

CIACCIA, PAT, – of Scotts Valley, CA. NAA Bulletin returned stamped "Deceased". Pat retired from Space Division in 1985 with 37 years of service.

DUVALL, JERRY, 68 – died on April 7, 2012 from an unknown lung problem. He retired in 1982 with 30+ years of service at NAA.

HODGES, VERNON W., 82 – of Lancaster, CA passed away on November 12, 2012. Vernon graduated from the Virginia Polytechnic Institute with a B.S. Degree in Mechanical Engineering and, subsequently, earned an M.S. in Systems Management from USC. He entered the USAF and realized his dream when he became a jet fighter pilot flying F-86 Sabres with the 366th Fighter Bomber Wing at England AFB, Louisiana. Retiring as a major, he began a second career in Aviation serving on several defense programs including the B-1 Bomber. He is survived by his wife Emily.

JONES, GORDON, 71 – of Anacortes, WA passed away on August 25, 2012. Gordon served in the U.S. Navy aboard the *USS Oriskany*, CV-34, before coming to Space Division in 1961. He served for 35 years on the Apollo and Space Shuttle programs before completing his career as Manager of Quality Control on the GPS Satellite Systems program at Seal Beach. Gordon was always a friend and a good Samaritan when someone needed help. He is survived by his loving wife of 32 years, Vera.

KLASKY, SHIRLEY B., 86 – passed away on October 20, 2012 in Huntington Beach, CA. Shirley was a very professional secretary, assigned to management at Space Division. She retired in 1985 with 23 years of service.

LASSEIGNE, ALBERT "AL", 91 – died on June 18, 2012. Al had served as a Leadman in the Tool & Die shop at LAD for many years before rising to the position of Tool Engineer. He retired in 1979 after 39.5 years of service and is survived by his wife of 50+ years, "Bert".

LAWRENCE, CLIFFORD C. "CLIFF", 94 – passed away at home in Yucaipa, CA on October 12, 2012 of Alzheimer disease. Cliff joined LAD in 1936 and was assigned Employee Badge No. 2727. He served on the P-51, B-25, F-86, Navaho, Hound Dog, Apollo, Saturn and B-1A programs before retiring in 1973. His son, Roger, also served at NAA/RI. He had Employee Badge No. 446098.

LEWIS, PAUL V. – of Prescott, AZ passed away on October 31, 2012 surrounded by his family. Paul had a wonderful 37 year career with Rocketdyne when he retired in 1995. He is survived by his wife of 47 years, Sharon.

MERZ, LEROY, H., 94 – died on September 26, 2012. Obituary indicates he was a WWII Navy veteran and a NAA/RI retiree. He is survived by his wife, Anna Mae.

MEYSER, JOSEPH B., 105 – of Escondido, CA passed away on August 12, 2012. Joe joined NAA at LAD in 1938 as Chief of the Data Section in Engineering. At the time, the first BT-9 contract was awarded and the company had over 1,000 employees. Upon reorganization in 1940, he became the Assistant Corporate Director of Contract Administration. He retired in 1954.

MORIN, DALE A., 79 – of Wolf Point, MT passed away in his sleep while travelling from Montana to Arizona. He had been diagnosed with ALS and was moving to live with his daughter, Angelina. Dale joined NAA as an accountant on the Sabreliner and Space Shuttle programs. He retired in 1995 with 35 years of service. He is survived by his wife of 58 years, Joy.

NUTZMAN, E. "SWEDE", 89 – of Prescott, AZ passed away on October 8, 2012. Swede had served in Field Service on the AJ-1, T-28, B-45 and the Apollo programs for 33 years when he retired from Space Division in 1981.

PACE, WILLIAM A. "BILL", 95 – of Rolling Hills Estates, CA passed away on September 21, 2012 after heart surgery, his loving wife of 73 years, June, at his side. Bill enlisted in the USAAF in 1942 and served as a B-24 pilot. He was shot down over Slovakia and was captured by the Germans. He was held in a POW camp at Barth, Germany until liberated by the Russian army. He and his wife joined NAA in 1951, Bill in Armament Design and June in Flight Test. He worked on the F-86, F-100, XB-70, X-15, B-1A and B-1B. They both retired in 1984.

PAULINO, CAROLE, 67 – a good friend and colleague slipped the surly bonds of this earth on September 22, 2012 after a prolonged battle with cancer. She fought the good fight but the dreaded disease eventually took its toll. Carole joined NAA/RI in 1962 and progressed through the ranks of management, retiring as Manager of Customer Relations after 40 years of exemplary service. Her entire career was spent on the Apollo and Space Shuttle programs in Material, Manufacturing, Engineering/Logistics and Customer Relations. She had been designated as a Launch Honoree and received a Silver Snoopy award along with many accolades from the Customer. Carole was truly a beautiful person with a good heart.

REARDON, PHILLIP D., 96 – an aircraft pioneer, Phil died in Manhattan Beach, CA on May 9, 2012. He left the Army Air Corps in 1939 and worked at various small airports in the San Joaquin Valley as a mechanic. During World War II, he joined NAA and served in Field Service as a Field Rep on the P-51 fighter, B-25 bomber and T-6 trainers in the China-Burma-India (CBI) Theater including Tripoli, Casablanca, Tunis, Karachi, and Calcutta. He retired in 1976 as Director of Logistics and Support with 34 years of service. He went on to modification of P-51s for speed and range. He is survived by his ex-wife and good friend, Sarah Aspel, and long time companion, Helen Pares.

ROUSE, ANITA C., 94 – passed away at home in Chatsworth, CA on September 28, 2012. Anita retired from Autonetics as a Senior Accountant. She enjoyed world travel, gardening, Las Vegas and the theater. She was a much loved lady.

SELLECK, BARNEY A., 89 – of Rolling Hills Estates, CA passed away on August 27, 2012. Barney retired from Sabreliner Division in 1981 with 35 years of service. He is survived by his loving wife Merial.

SMITH, CHARLES V., 80 – passed away peacefully on September 30, 2012 in Murrieta, CA with his family by his side.

Chuck was civic minded, serving as Orange County Supervisor (First District), Mayor of Westminster, CA and founding chairman of the Children/Families Commission of Orange County. After serving in the United States Marine Corps and earning a B.S. degree in Electrical Engineering, he served for 32 years at Autonetics before retiring. He is survived by his beloved wife of 52 years, Nancy.

SMITH, HAROLD R. "SMITTY", 86 – of Tehachapi, CA passed away on August 19, 2012. Harold was a design engineer at LAD in the Landing Gear Department assigned to many projects including the B-70 and B-1. He retired in 1985 with 37 years of service and joined Northrop on the B-2 program.

SMITH, LEE M., 74 – after a long struggle with heart disease and cancer Lee passed away on September 11, 2012. He retired from NAA/RI after 30 years of service as a mechanical engineer. He is survived by his loving wife of 49 years, Sherry.

SPRAGUE, RICHARD E. "DICK", 89 – of Salida, CA passed away on October 4, 2012. After serving in the U.S. Army Air Forces as an aircraft mechanic, Dick had a 37 year career with NAA as a Facilities Engineer. He retired from Corporate Offices in 1979.

STRUBE, EUGENE G., – passed away peacefully on October 3, 2012. After being deployed to Japan with the U.S. Marine Corps, he graduated from Northwestern University as an electrical engineer. He served with several aerospace divisions including Autonetics as a systems engineer on Minuteman III ICBM, S&ID as a field engineer and maintenance engineer on the Apollo and the B-1B Lancer.

STARK, MAX, 92 – of Wildomar, CA passed away on September 22, 2012. Max served on the Apollo and Space Shuttle programs for 25 years before retiring from Space Division. He is survived by his loving wife Carolyn.

UPTON, EUGENE, 83 – died on September 26, 2012 in Westminster, CA. He retired from NAA/RI with 40 years of service. He is survived by his extended family.

WARNER, WILLIAM J. – of Palm Springs, CA. Bulletin returned stamped "Deceased". Bill retired from the Satellite Systems Division in 1987 with 28 years of service.

WENDT, SAMUEL F., 86 – passed away on September 27, 2012. Sam served in the Naval Construction Battalion in WWII as a Seabee on many Pacific islands. He retired from NAA/RI Columbus Division in 1987 after 33 years of service. His devoted wife, Jane preceded him in death.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

- EDMUND CODY – WALNUT CREEK, CA***
- A. C. MARINO – MANHATTAN BEACH, CA***
- ARTHUR SEMONE – ESCALON, CA***
- JACK W. SMITH – COEUR D'ALENE, ID***

PAX DOMINI SIT SEMPER VOBISCUM

North American Aviation Retirees Bulletin

The Silent Majority

by Stan Guzy

ANTONIEWSKI, WALTER J., 74 – a resident of Viera, FL, Walter passed away on January 24, 2013. After serving in the USAF Atlas Missile Program, Walt joined the NAA S&ISD program at KSC in 1965 on the Apollo Program. Assigned to the Environmental Control Systems, he developed such detailed expertise that on subsequent programs, he became known as Mr. ECL. After retirement, he returned and served as a consultant to the very end of the Shuttle Program. A dedicated individual, he served as a high school football referee for Brevard County, a Rockledge Little League coach and a long time member of St. Mary's Catholic Church in Rockledge. He is survived by his loving wife of 50 years, Patricia. Walt was truly a gentle man.

BAILEY, WILLIAM, 79 – passed away on January 20, 2013 in Yorba Linda, CA. With an M.S. in Electrical Engineering, Bill served at NAA/RI for 35 years before retiring in 1995. He is survived by his wife of 55 years, Ann.

BARBUSCIA, ALBERT A., 74 – of Palmdale, CA, passed away on November 7, 2012 with his family at his bedside, after a long struggle with ALS. Al served in Quality management when he retired. He is survived by his wife of 50 years, Rae.

CLARK, PAUL W., 88 – of Mission Viejo, CA, passed away on December 22, 2012. Paul joined Autonetics in 1959 and retired in 1990 with 20 years of intermittent service. He is survived by his wife of 59 years, Marjorie

COMER, F. "DON", 83 – of Downey, CA, succumbed on November 15, 2012. He came in 1974 and served at Seal Beach as Advanced Program Manager on various satellite and space programs before retiring in 1993 to enjoy his avocation of advanced woodturning. He is survived by Jackie, his loving wife of 60 years.

DIRNER, ALBERT E., 76 – of Laguna Niguel, CA, passed away at home on January 20, 2013. Al served at NAA/RI for over 40 years. He is survived by his wife, Ann.

DOUCETTE FRANK E., 84 – passed away in Wildomar, CA on December 22, 2012. Frank joined NAA shortly after being discharged from the U.S. Navy in 1947. He retired from Space Division in 1999 with 43 years of service. He and his wife, Donna, moved to Lake Elsinore after retirement. She passed away in 1994.

DUVALL, JERRY, 68 – succumbed on April 7, 2012 from a COPD lung condition. He joined LAD in Tooling and was transferred to Palmdale as a supervisor in Assembly Tooling. He retired in 1982 with 30 years of service and moved to Theodosia, MO with his second wife, Jane, who nursed him through his long illness.

ELLIOT, DOUGLAS "DOUG" Ph.D., 80 – of Bainbridge Island, WA died of a brain tumor on July 18, 2012. He was a mathematician, physicist and electrical engineer. Doug coauthored two popular engineering reference books on digital signal processing. He served 38 years at Autonetics. He is survived by his wife, Carol.

FAULDERS, CHARLES R. "CHUCK", Ph.D., 85 – of Camarillo, CA, passed away after a long illness on July 21, 2012. A brilliant mind, he completed his M.S., M.E. and Sc.D. degrees at M.I.T. while working on steam turbine designs for G.E. He began his 36 year career with NAA at S&ISD in 1954 on the Navaho program. In 1960, he took a leave of absence to serve as Professeur Associe at the Universite d'Aix-en-Provence, teaching Astro-Physics in French. Chuck returned to NAA in 1962 and joined the newly formed Flight Science Lab to investigate the possibilities of aerospace vehicles. In 1976, he transferred to Atomics International where he worked on coal gasification and energy systems. His last project before he retired in 1990 entailed geothermal studies of the Imperial Valley. Chuck was modest in his accomplishments, deep in his faith in God, dedicated to his family and friends. He is survived by his loving wife of 58 years, Rita.

FREY, GEORGE C., 91 – passed away on January 1, 2013 in Manhattan Beach, CA. Graduating from Cal Tech with a B.S. Degree in June 1943, George accepted a position with LAD. It was a time when wings of airplanes were still covered with cloth. He dedicated 67 years as a Materials and Processes Engineer on the P-51, B-25, X-15, XB-70, F-86, F-100, FJ-1, Apollo, GPS, and Space Shuttle where he developed numerous advanced material concepts for these programs. He is survived by his loving wife, Madeline.

HAMMOND, GERALDINE E. "JERRY", 81 – of Covina, CA, passed away on August 5, 2012. Jerry was in charge of QC Stamp Control at all Space Division sites during the Apollo-Saturn programs of the 1960s. She is survived by her loving husband of 40 years and also a retiree, Bob.

HANSEN, VICTOR E. – of Rancho Palos Verdes, CA. Bulletin returned stamped "Deceased". Victor retired from Autonetics in 1984 with 38 years of service.

HENRY, BOB – of Prescott, AZ. Bulletin returned stamped "Deceased". Bob retired from Space Division in 1989 with 25 years of service.

HERGESELL, RUSSELL E., 88 – of Upper Arlington, OH passed away on November 17, 2012. After serving in the Army, including the Battle of the Bulge, Russell received a B.S. degree in Accounting from Ohio State University. He retired from North American Rockwell Columbus Division.

JOHNSON, GORDON W., 83 – of Yorba Linda, CA passed away on January 18, 2013. Gordon came to the Environmental Control Systems Heat and Vent Group at LAD in 1952. He retired in 1999 with 48 years of service. Gordon was a likeable colleague with a fine work ethic. We were advised of his passing by his daughter, Peggy.

HOSKINSON, DANIEL L., 92 – passed away on April 29, 2012. He served for many years in the Autonetics Fire Control Group. Information of his passing was provided by his son, Larry.

KADERA, JOE, 85 – passed away on December 23, 2012 at home in Rancho Palos Verdes, CA surrounded by his family. Joe retired in 1990 with 40 years of service at LAD as an engineer on the F-86, F-100, B-1 and Space Shuttle. He is survived by his loving wife Christel.

LIVERS, LAWRENCE E. "LARRY", 95 – passed away on January 12, 2013 in Carlsbad, CA. Larry began his career at LAD where he was also President of the NAA Management Club. He later transferred to Space Division from where he retired in 1977 with 40 years of service. He is survived by his loving wife of 71 years, Betty.

MOON, FRANK K., 89 – died on January 14, 2012 as a result of respiratory failure due to post-surgery pneumonia developing after surgical repair of his hip. Frank retired from LAD in 1981 after 30 years of service. We were advised of his passing by his son, Darrel.

NELSON, DEAN, 83 – of Nipomo, CA, passed away on November 14, 2012, Dean served as an engineer at Space Division and retired from Rockwell at Vandenberg AFB in 1988 with 28 years of service. Dean was a kind and gentle man with a warm smile.

PETRAS, GEORGE, 85 – of Anaheim, CA, passed away on January 29, 2013. Trained at Penn Technical Institute in electronics, George worked on flight simulators at Forbes AFB in Topeka, Kansas before coming to Space Division as an electrical engineer. He helped publish the Apollo Mission Simulator Operator manual and similar documents for the Minuteman Missile System, the F-111D and the B-1. George was surrounded by a close family and friends. He is sorely missed.

ROGERS, CHARLES, 79 – passed away on November 29, 2012 surrounded by his family at his home in Yorba Linda, CA. Charlie joined NAA and served for 30 years when he retired in 1990. He is survived by his wife of 58 years, Kay.

SCOTT, CECIL "CY", 91 – died gently at home in Sun City, CA on February 13, 2013. During WWII, Cy flew a P-51 with the 67th Tactical Reconnaissance Group. He began with NAA in Columbus in 1952, followed by a stint in Fresno, in Chatsworth, at McGregor, in El Segundo and at Anaheim, where he served as Director of Labor Relations. He lost his loving wife, Ann, in 1997.

SMITH, THOMAS J. "TOM", 80 – of Yucca Valley, CA passed away on December 27, 2012. Tom started

on the Space Program at Autonetics in 1961 and, subsequently, transferred to the Space Division. He was a Manufacturing manager on the Space Shuttle and retired in 1987. An avid golfer, he and his loving wife, Rena Beth, moved to Yucca Valley, CA where he participated in many tournaments.

SCHWARTZ, WILLIAM P., 84 – died on December 22, 2012 of complications from diabetes and Alzheimer's disease. He came to Autonetics on the Minuteman project in 1968. He later became Corporate Director of Operations at KSC. Bill was predeceased by his first wife, Patricia, and is survived by his second wife, Jean.

SNOOK, FRANCIS F. "FRANK", 93 – of Scottsdale, AZ, passed away on December 20, 2012. Joining the U.S. Navy in 1937, Frank honed his skills and became a radioman. Discharged in 1940, he joined the Foreign Service of the U.S. State Department as a radio operator. With United Airlines during WWII, he flew with Air Transport Command. Joining LAD, he became a Field Tech Rep on the F-86 Series in Korea. Transferring to Downey, he was assigned to Requirements and Planning supporting the Hound Dog program. On the Apollo program, he transferred to NASA Houston to support the Thermal Vacuum test series. He retired from the NASA facility in 1980 and moved to Scottsdale, AZ. He is survived by his wife, Arlene.

STODGEL, THOMAS O., 93 – died on December 12, 2012 in Fullerton, CA. Tom came to North American Aviation in the 1950s with an accounting/business background. His career spanned 27 years, ending in retirement as Chief Financial Controlling Officer at Autonetics. His wife, Pat, passed away in 1967. Tom was a generous and kind man, dearly loved by his family.

WILSON, ARTHUR J., 94 – of White River Junction, VT, passed away in August 2012. Art retired from Space Division in 1976 with 25 years of service. Bulletin was notified of his passing by his son, James.

WILSON, JACK, 74 – died on January 19, 2013 in Orange, CA after a valiant struggle with heart and blood issues. Jack came to Autonetics in 1961 and became a "passive devices" expert in Component Engineering. He was also very active in the Recreation Center golfing activities. Jack retired in 2005 with 43 years of service.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

EDMUND CODY – WALNUT CREEK, CA

LES HALL – ENCINO, CA

KENNETH G. JONES – AJO, AZ

DONALD A. MARTIN – COSTA MESA, CA

JOSEPH G. MOORE – MANHATTAN BEACH, CA

PAX DOMINI SIT SEMPER VOBISCUM

North American Aviation Retirees Bulletin

The Silent Majority

by Stan Guzy

ASHMAN, WILLIAM, 85 – a belated report of his passing on February 11, 2012. His military service in WWII provided interment with full military honors. Bill joined LAD in 1946, went to Autonetics and then returned to LAD on the B-1 program before transferring to Hanford, WA and, finally, to Rocketdyne where he retired in 1987 with 41 years of service. He is survived by his devoted wife of 66 years, Lillian.

BEALL, JAMES E., 76 – passed away peacefully at home in Lancaster, CA on April 13, 2013. After serving in the U.S. Navy on the *USS Hornet* during the Korean War, he came to LAD as a photographer. His assignments included programs at Space Division and Palmdale and several locations with the B-1B program. Upon retirement, he joined the Los Angeles County Sheriff's Office as a Volunteer on Patrol in Lancaster. He is survived by his wife of 32 years, Joan. She is also an NAA Retiree.

BIDDLE, MILBURN E., 95 – died peacefully on July 18, 2012 in the presence of his family in Redding, CA. After military service, he came to LAD and worked on various projects including the flight control systems for the B-1. Mel retired in 1979. His wife, Marge, passed away in 1996.

BLACKBURN, RAYMOND D., 82 – passed away on May 12, 2013 in Neosho, MO. He moved to California in 1962 and accepted a position as a computer programming specialist, receiving many awards for his contributions to the Apollo, Shuttle and Space Station projects. He retired in 1989 and moved to Neosho, MO. His wife, Sarah, passed in 2010.

CAMPBELL, MARK E., 93 – passed away peacefully in his sleep on May 9, 2013 of cancer. After earning a B.A. and M.S. degree in engineering from MIT, he joined NAA as an aerospace scientist from 1951 to 1990 before retiring. He was preceded in death by his loving wife, Nell.

CIOTTA, ANTHONY F. "TONY", 92 – passed away peacefully in Costa Mesa, CA on February 7, 2013. Tony joined NAA in 1948 at the Torrance Facility. He retired from Space Division as Manager of the Manufacturing Engineering Department in 1980. Tony lost his loving wife of 57 years, Doreen, in 1998.

COLE, GARY, 74 – passed away quietly on May 12, 2013. After serving in the Army, Gary joined the Space Division, serving 28 years and rising to the position of Director of Labor Relations and Security. Gary is survived by his wife of 30 years, Barbara.

COTHRAN, WOODROW W. "WOODY", 88 – of Whittier, CA passed away on December 2, 2012. After returning from the war in the Pacific, he started at LAD in the drop-hammer shop and advanced on the X-15, Apollo and Shuttle programs. Woody retired from the Planning Department at Space Division in 1983 with 37 years of service. He died of a broken heart when his wife of 70 years, Lillian, died in April 2012.

FJELSTED, ARDEN G., 92 – a long time resident of Lancaster, CA, Arden died on March 15, 2013 surrounded by his family. His career with NAA was interrupted by WWII service with the 35th Infantry in the South Pacific. Upon his return, he was transferred to flight test operations at Edwards Air Force Base on the F-86, T-39, X-15, B-70 and B-1 aircraft. Agnes, his soul mate for 64 years, survives him.

GEISERT, LEONARD E. – died on May 8, 2013 in Dubuque, IA. As an aeronautical engineer, he designed parts of the Apollo Command Module and storage units for the Space Shuttle. Leonard retired from Space Division in 1980 with 39 years of service.

GIBBS, PAUL L., SR., 90 – passed away peacefully at home in Norwalk, CA on March 3, 2013. As an Experimental Lab technician, Paul had several patents and awards for the work he performed on the Apollo and Shuttle programs. He retired in 1985 with 33 years of service.

HULL, JAMES A., 89 – of Corona, CA, left this earthly soil on May 12, 2013. After retiring from the U.S. Navy in 1962 as a Chief Warrant Officer with 20 years of service, he, subsequently, retired again from the Marine Systems Division as a Senior Research Engineer. He was preceded in death by his wife of 69 years, Josephine.

KEITH, MARTHA, 86 – of Carefree, AZ, passed away on December 13, 2012 after a long battle with lung cancer. Martha served for many years at Space Division along with her husband Blaine.

MORFORD, ROBERT W., 76 – a kind and gentle man, Robert passed away on March 4, 2013 in his Placentia, CA home surrounded by his family. With a degree in electrical engineering from CSULB, he worked for more than 40 years before retiring. He is survived by his caring wife of 27 years, Rhonda.

OSIMO, MARIO C., 92 – Mario died on March 24, 2013 at home in Huntington Beach, CA. Following service in the U.S. Marine Corps he joined NAA, where the skills he learned in the Corps served him well on the Apollo, GPS, and B-1 projects. He retired in 1996 with 25 years of service. He was preceded in death by his first wife, Kathryn and then remarried in 1996 to Ann Woolslayer.

PARSONS, THOMAS R., 87 – died on April 6, 2013 at home in Rolling Hills Estates, CA. After receiving his M.S. Aero Engineering degree from MIT, Tom joined the LAD Aerodynamics Group in 1957. He was appointed Manager of Advanced Programs in 1972 and promoted to Director of Advanced Plans and Resources in 1979. Tom retired in 1988 with 35 years of service. He is survived by his loving wife, Marion.

RIDGEWAY, CHARLES H. – passed away on May 16, 2013 after a lengthy battle with cancer. Charles retired from NAA/RI in 1996 with 35 years of service as an Accounting Manager and continued serving for 12 more years in a consultant capacity. He is survived by his wife of 51 years, Betty.

SARGENT, TRUDY K., 58 – Trudy died peacefully on February 25, 2013 after an 11-year battle with ovarian cancer. A graduate of CSUF, she joined NAA/RI as a department planner in 1980 and continued her employment until approximately 2005 when she went out on medical leave due to complications with the cancer.

ST. DENIS, JOSEPH "JOE", 80 – passed away at home in Oceanside, CA on May 22, 2013 of respiratory failure. Joe served as a project engineer for Ground Service Equipment (GSE) on the Apollo and Space Shuttle programs. He retired in 1997 with 38 years of service. He is survived by his loving wife of 38 years, Faith. She is also a retiree of NAA.

The Silent Majority

by Stan Guzy



FULLERTON, C. GORDON, COLONEL, USAF/NASA ASTRONAUT, 76 – died on August 21, 2013 in Lancaster, CA from complications of a stroke he suffered in 2009. He received an M.S. degree in Mechanical Engineering from Cal Tech and entered the USAF in July 1958 after working as a design engineer for Hughes Aircraft Company. Trained as an F-86 interceptor pilot and a B-47 bomber pilot, he

graduated from Air Force Test Pilot School at Edwards AFB and was assigned to the Air Force Manned Orbiting Laboratory (MOL) program. With cancellation of the MOL, he joined NASA and piloted the Enterprise during the ALT tests at Edwards. He was Pilot on STS-3 and landed at Northrop Strip, White Sands due to heavy rains at Edwards. He was Commander of the STS-51F “Spacelab 2”. Colonel Fullerton became a research pilot at NASA’s Dryden Flight Research Facility at Edwards where he participated in a wide range of tests piloting 135 different types of aircraft. He retired in 2007 and suffered a stroke in 2009. Among his many awards was the Distinguished Flying Cross and the Iven C. Kincheloe Award from the Society of Experimental Test Pilots in 1978.

CHRISTIANSON, WALTER R., 97 – died peacefully at home in Auburn, CA on June 12, 2013. Walter served for 28 years, retiring from the General Offices as Director of Management Control in 1970. His second wife, Patricia, served in Engineering for 10 years.

CLAUSS, THEOPHIL “TED”, 82 – passed away with his family around him on July 12, 2013 in Meridian, Idaho while on vacation. After serving in the Air Force, Ted began his aerospace career as a “flight line jockey” with Douglas Aircraft then moved on to a more challenging assignment with NAA in 1958 as a liaison engineer of flight operations. He had an illustrious NAA career spanning the Hound Dog project through the Apollo program and finally the Shuttle Project where he was designated as Site Director of the Palmdale Plant. Ted retired from the NAA Space Division in 1991 after 33 years of service. He is survived by his wife of 33 years, Judy.

DRISKELL, JAMES E., 94 – passed away on March 11, 2013 in Grand Junction, CO. “Jimmy” was a man of many passions. He was a ferry pilot for 27 years and narrated for the Bob Hoover Air shows. His ever present smile and zest for life will be truly missed by all who knew him.

GAZELLE, DONALD H., 91 – died peacefully at his home in Anaheim, CA on June 4, 2013. He was preceded in death by his beloved wife Pat in 2001. After serving in the U.S. Army Air Forces during WWII, he joined NAA at Downey, transferred to Autonetics where he worked in the Engineering Quality Control Office. He enjoyed a quiet retirement and will be missed by his neighbors and friends.

GOW, ROBERT JAMES, 82 – passed away on July 7, 2013 in Carson, CA. He served in the USAF during the Korean War and after his discharge went to work at NAA, NAA/RI

Autonetics and Boeing. He served on many aircraft programs and all of the space exploration vehicles. He is survived by his wife of 54 years Judith.

HEMSLEY, CLYDE D., 84 – of Anaheim, CA, passed away on June 19, 2013 surrounded by his family. Clyde came to California in 1948 and joined NAA. He served 38 years, working on the Apollo and Space Shuttle programs. He is survived by his wife, Frances.

HENRY, THOMAS A., 93 – passed away peacefully in Torrance, CA on March 24, 2013. After serving proudly in the U.S. Army during WWII, Tom hired in at LAD in 1953 as a journeyman electrician. He enjoyed a 35 year career in various electrical/electronic maintenance positions until he retired from the B-1 Division in 1988 at the age of 70. He was a 63-year resident of Redondo Beach, CA and was preceded in death by his loving wife, Dorothy.

HOUTS, RICHARD C., 90 – died at home in Rancho Santa Margarita, CA on July 31, 2013. After serving in both WWII and the Korean War, he joined aerospace where his work spanned 30 years of service on a variety of projects from the Minuteman Missile through the Space Shuttle Program. He is survived by his wife of 65 years, K. Charlene.

JOHNSON, LOREN E., 88 – of Corona, CA passed away on June 20, 2013. He proudly served as a U.S. Army medical technician in WWII. After receiving an honorable discharge and advancing his educational pursuits, he went to work at NAA in 1948. He retired 40½ years later after working on aircraft structural assemblies, flight line modifications, hydraulic installations and tool making. His assignments included the F-100, missiles for the B-52, Hound Dog and the Apollo-Saturn Program. Loren was preceded in death by his “lady friend”, Chris Babino.

JONES, DONALD L., 79 – died on July 23, 2013 at home in Duncan, SC as a result of a fall. After getting his degree from Purdue University, Don made key contributions to the development of a nuclear reactor for aircraft propulsion while working on the Aircraft Nuclear Propulsion Program (ANP) at General Electric and on the development of helicopters at Hughes Tool Company. At NAA, he served on the Apollo and Saturn S-II programs and was manager on the Shuttle Main Propulsion System (MPS) and the Orbital Propulsion System (OMS). Don retired from Space Division in 1991 with 31 years of service. He is survived by his loving wife of 58 years, Jenny.

JONES, ROBERT M., 81 – passed away peacefully at home in Mission Viejo, CA surrounded by his loving family. Bob was in Engineering Planning and Finances on the Apollo and Space Shuttle programs at Space Division when he retired in 1990 with 31 years of service. He is survived by his loving wife of 41 years, Lyn.

LANDIS, BRADLEY C., 82 – of Manhattan Beach, CA, passed away on May 22, 2013. Brad was hired in 1956 as an Engineering planner. Demonstrating his management skills, he advanced to Division Administration and Management Systems. Brad retired in 1986 with 35 years of service. He is survived by his loving wife of 42 years, Yolli, who is also an NAA retiree.

LARSEN, LAWRENCE L. "LARRY", 91 – passed away peacefully on December 2012 at home in Chester, CA surrounded by his loving family. His career began at LAD in 1938 at 40¢ an hour and advanced with many opportunities on the Minuteman and B-1 programs. He retired in 1979 with 40 years of service. He is survived by his loving wife of 74 years, Mary Kathryn.

MARTIN, DONALD A., 78 – of Costa Mesa, CA passed away on May 25, 2013 with his loving family surrounding him. Don retired from Space Division in 1990 with 33 years of service. He had a military internment at Miramar National Cemetery in San Diego, CA.

MOLESKY, ADOLPH J., 86 – of Anaheim, CA passed away on May 29, 2013. After completing his Army service in the Korean conflict, Adolph and his wife came to California. He secured a position at NAA/RI during which time he worked on the Minuteman Missile project and the Apollo Program. He retired to a very active private life after serving at NAA/RI for 35 years.

ROGERS, CHARLES E., 79 – of Yorba Linda, CA passed away at home on November 29, 2012 surrounded by his family. Charles retired from Autonetics where he worked on the Minuteman program in 1990 with 30 years of service. He is survived by his wife, Kay.

SEARS, MAXINE "MICKEY", 88 – died on July 20, 2013 in Norwalk, CA where she lived for 63 years. After serving at NAA/RI for 25 years, she went to work for the city of Norwalk in the Public Safety Department. She was honored by the City Council for her outstanding volunteer service. She was named Woman of the Year and Senior Citizen of the Year. She was a Public Safety Commissioner for 14 years.

TELLES, MIGUEL M. "MIKE", 77 – passed away peacefully, on August 3, 2013 in Encinitas, CA with his family by his side. After military service, Mike and his family moved to the Los Angeles area to seek a new life. He joined NAA/RI in 1959 and served for 33 years before retiring in 1992. His tenure at NAA/RI included such projects as the Space Shuttle, the B-1 and various submarine system programs. He is survived by an extended family, including his dear friend, Judy Wasson.

TRUMBULL, WARD D., 86 – passed away on July 1, 2013 from unspecified causes. He moved to Long Beach, CA in 1934. He served 47 years NAA/RI before retiring in 1995. He is survived by his wife, Anne.

UNTERBERG, WALTER, 88 – passed away of cancer at home in Los Angeles, CA on June 26, 2013. Born in Austria, emigrated to and educated in England. Walter came to Flint, MI where he taught at the General Motors Institute of Technology. Moving on to aerospace in 1950, he obtained his Ph.D. from UCLA in 1964 and served at Rocketdyne and the Science Center. He retired in 1985 and became an outstanding musician, conducting orchestras and opera productions. He had a zest for life, a passion for the arts and many intellectual interests.

UPTON, EUGENE, 83 – passed away September 28, 2012 in Westminster, CA after a long battle with illnesses. He retired from NAA/RI after 40 years of service.

ZEMANSKY, STANLEY D., 98 – passed away on March 1, 2013 in Paradise, CA. Stan retired from Autonetics in 1962 with 25 years of service. He was in Procurement and worked on a multitude of programs, including the Apollo and B-1.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

P. RICHARD FIELDS – CLARKDALE, ARIZONA

DONALD F. LISTER – FRAZIER PARK, CALIFORNIA

SANFORD MARGOLIN – ANAHEIM, CALIFORNIA

JACK W. SMITH – COEUR D'ALENE, IDAHO

“Life is full of surprises and serendipity. Being open to unexpected turns in the road is an important part of success. If you try to plan every step, you may miss those wonderful twists and turns. Just find your next adventure—do it well, enjoy it—and then, not now, think about what comes next.”

— Condoleeza Rice

The Silent Majority

by Stan Guzy



CARPENTER, M. SCOTT, 88 – Astronaut, Aquanaut, U.S. Navy Fighter Pilot, a man for all reasons, died of complications from a stroke in a Denver hospice on October 10, 2013. He lived in Vail, CO. Chosen in 1959, he became one of NASA's pioneering seven astronauts, known as the Mercury 7 astronauts. Three months after John Glenn's historic flight, Carpenter

was launched into Space and completed three orbits of the Earth in his space capsule, *Aurora 7*. Although his mission led to many discoveries about space navigation, he would overshoot his landing zone by 288 miles. His perceived nonchalance by NASA, banned him from further space flights. Inspired by Jacques Cousteau, Carpenter turned to the ocean and joined the Navy's SeaLab II program where he spent 30 days on the ocean floor off the coast of California. He is survived by his wife Patty Barrett. Scott Carpenter joined the Mercury Program for many reasons. *"One of them, quite frankly, is a chance for immortality. Most men never have a chance for immortality."*

ADKINS, LARRY R., 74 – of Tustin, CA died on December 7, 2013 of complications from multiple myeloma. After obtaining his Ph.D. in physics from the University of Texas at Austin, Larry came to Autonetics and taught astronomy at Cerritos College. An avid traveler and photographer, Larry was involved in the discovery of the Temple of the Fox in Peru. He is survived by his wife, Lorna.

BEAT, ROY H., 80 – passed away to the fairways of heaven peacefully at home on September 2, 2013 after a short bout with inoperable cancer. Roy retired in 1992 after 30 years of commendable service. His management expertise in the field of Materials Acquisition and Utilization won the respect of the company and the DOD/NASA Customers. He is survived by his son, Mark, and his daughter-in-law, Michelle, and his beloved grandsons.

BLOSSER, RICHARD D., 85 – of Fullerton, CA passed away September 25, 2013. He served with the U.S. Army and the Marines before joining Autonetics. He is perhaps best remembered for his work on the Voyager Round the World flight as the communications specialist. He retired in 1987 with 29 years of service. Dick is survived by his loving wife of 31 years, Ruth.

BOWER, DONALD J., 81 – passed away in Burlington, NC on October 21, 2013. Recruited from the Stevens Institute of Technology, Don was involved in many space program launches including Navajo, Minuteman, Mercury, Gemini, Apollo, Skylab and Space Shuttle. He ended his 42 year career as Program Manager for Space Shuttle Support Services. He is survived by his loving wife of 58 years, Audrey.

BOYLES, HAROLD C., "HAL", 84 – of Ponca City, OK, passed away on October 4, 2013. Hal joined NAA at Palmdale in 1958 and attained a supervisory position in flight line inspection on many projects including the AJ3, F-100, J57, XB-70 and B-1A. His favorite was the XB-70, because he served on the project from its inception to its conclusion. Hal retired in 1983 with 27 years of service. He is survived by his loving wife of 48 years, Sue.

CHRISTIANSON, WALTER R., 97 – of Auburn, CA went to eternity peacefully on June 12, 2013. Walter retired after 35 years of service as Director of Management Control. He was 55 years of age at the time of his retirement. His second wife, Patricia also worked for NAA/RI in the Engineering Department for 10 years.

DAW, WILLIAM S. – of Prescott, AZ, passed away on October 11, 2013. Bill served as a buyer and subcontract administrator at LAD for 15 years when he retired in 1989. He will be missed.

DAHL, JEROME "JERRY", 93 – passed away at home in Santa Ana, CA on October 15, 2013. After serving during WWII in the South Pacific, Jerry went back to school and obtained degrees in Math and Physics which enabled him to achieve a position in the aerospace industry. He spent over 40 years at NAA/RI and McDonnell/Douglas. He is survived by his wife, Eunice.

DeNOBLE, JAMES H., 74 – passed away on September 4, 2013 and is survived by his loving wife, Bonnie. Jim retired in 1994 after 30 years of dedicated service. He worked on many programs including, Minuteman, Saturn V, Lunar Excursion Module, Space Shuttle and the B-1.

DRISKELL, JAMES E., 94 – passed away on March 17, 2011 in Grand Junction, CO. He was preceded in death by his wife, Wanda, in 2006. Jim was a man of many passions, he narrated for the Bob Hoover Air shows. He was the ferry pilot for the Shrike Commander for 27 years. He was inducted into the ICAS Hall of Fame in Las Vegas, NV which was the highlight of his career.

GOECKEL, JAMES E., 92 – of Venice, CA, passed away in Sun City, CA. Jim retired in 1982 with 32 years of service including 22 years in Engineering Administration & Planning and 10 years in the Engineering Personnel Department. His beloved wife, Margaret, also served in NAA Engineering in the development of the P-51 and B-25. She passed away in 1979.

KRAEMER, ROBERT S., 82 – died in Catonsville, MD. On August 20, 2013. At Rocketdyne, he had a hand in designing every rocket engine that sent Americans into Space until the Space Shuttle. He published several books on space travel and earned the Distinguished Service Medal, NASA's highest honor. He was married to Anne Kraemer for 59 years.

LEISY, DALE R., 85 – of Long Beach, CA died on July 1, 2013. Dale served for 26 years, retiring from Autonetics in 1978. He is survived by his loving wife, Ann.

MANN, TED L., 83 – of La Mirada, CA passed away on August 21, 2013. Ted retired in 1990 from Autonetics as shipping coordinator with 38 years of service.

McDIARMID, BARBARA K., 73 – passed away at home in Colorado Springs, CO on May 4, 2013. Barbara served over 45 years at Autonetics as an electrical technician. She was a bright person who enjoyed baking and gardening. She is missed!

McKEEHAN, KENNETH W., 91 – passed away on August 24, 2013. Ken started at Rocketdyne on large engine tests then moved to Space Division in Downey to work on spacecraft programs. He retired in the 1980s from Palmdale, serving on the B-1 programs.

ODELL, I. GORDON – of Aliso Viejo, CA. Bulletin returned stamped "Deceased". Gordon retired from Autonetics in 1976 with 19 years of service.

ST. DENIS, FAITH, 70 – succumbed to cancer on October 3, 2013 at her home in Oceanside, CA. Faith and her husband, Joe, both served at Space Division for 38 years; Joe retiring in 1997 and Faith in 1998. Joe preceded her in death last May.

TRANCHINA, JOHN, 94 – passed away in Mesa, AZ on August 12, 2013. John served at LAD in the Quality Control specialized function where he supported many aircraft production programs. He retired in 1987 and is survived by his wife, Josie. His daughter, Cathy Baker, is Vice Chairman of

the NAA Bald Eagles Association and Hostess of our yearly Reunion Luncheon.

WONG, WALLACE WAI, 87 – of Gardena, CA made a peaceful transition to the afterlife on August 23, 2013. After earning his Aerospace Degree from Northrop University, he joined North American Aviation where he served for 25 years as a logistical and project engineer on various programs from Apollo to the B-1 bomber. He is survived by his beloved wife, Judith.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

JOE COLETTA – HUNTINGTON BEACH, CA

MATTHEW DOUGHERTY – MARICOPA, AZ

P. RICHARD FIELDS – CLARKDALE, AZ

MARY R. McINTOSH – NEWHALL, CA

SANFORD MARGOLIN – ANAHEIM, CA

WILLIAM B. McGOUGIN – PALM DESERT, CA

ALVIN B. SHAW – TULSA, OK

BALD EAGLES

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Saturday April 26, 2014

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Flight Test Engineer, USAF Test Pilot School
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(Meal ticket given at door)

Please include meal choice:
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Welcome all! Past & Present Employees and Friends of NAA, Rockwell, Boeing
Doors Open for Social at 10:00AM, Seating at 11:00AM, Lunch starts at 12:00 Noon
Register Early! Table seating will be assigned to pre-paid guests on first-come basis
Prefer to reserve a table? Organize a group of 4 to 8 and order tickets in one check

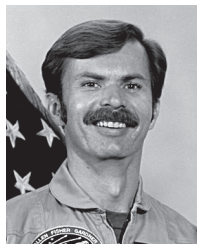
The Silent Majority

by Stan Guzy



POGUE, WILLIAM R. "BILL", 84 – Former NASA Astronaut, U.S. Air Force Thunderbirds pilot, author and educator, died on March 3, 2014. After receiving his B.S. degree in Education from Oklahoma Baptist University, he enlisted in the Air Force and received a commission in 1952. Pogue completed a two-year combat tour in

Korea, and served two years as a member of the USAF Thunderbirds Demonstration Team, flying as solo pilot in the F-84F and F-100C and as slot pilot in the diamond formation. He served as an Assistant Professor of Mathematics at the U.S. Air Force Academy, followed by a two-year tour as an exchange test pilot with the RAF. He received his M.S. in Mathematics from Oklahoma State University in 1960. While serving as the chief of advanced projects at the USAF Test Pilot School at Edwards AFB, NASA selected him as an astronaut in 1966 and he was scheduled to be command module pilot on the Apollo 19 mission. When Apollo 18, 19 and 20 were cancelled, Pogue was selected to fly as the command module pilot of Skylab 3 (SL-4), Skylab's final crew—aboard which he made his first and only space flight and served 84 days. Retiring from NASA in 1977, Pogue became a consultant, accomplished public speaker and author completing five books. He was inducted into the U.S. Astronaut Hall of Fame in 1997.



GARDNER, DALE A., 65 – Former NASA Astronaut and Naval Fighter Pilot, passed away on February 19, 2014. Upon graduation from the University of Illinois, Gardner entered active duty with the U.S. Navy and was assigned to flight training at Pensacola. He graduated from Flight Officer training Squadron VT-10 with the highest academic

average ever achieved at the squadron. After a stint at the Naval Air Test Center Patuxent River, he was assigned to the first F-14 Tomcat Squadron, VF-1. Selected as an Astronaut Candidate in 1978, he flew as a mission specialist on STS-8 and STS-51A and was chosen for the first launch from Vandenberg AFB which was cancelled after the *Challenger* disaster. In 1986, he returned to the Navy and, as Captain, was assigned to several Space programs. In 1990, he took on managerial positions with TRW and later, Northrop Grumman, and retired in January 2013.

HALPIN, WILLIAM H., 97 – it is with sadness that the Bulletin reports the passing of Bill Halpin at home in Las Vegas, NV. In 1999 when Boeing dumped us with nothing more than the address list of the 9,300 NAA retirees that were getting the NAA Retirees News for free, Bill Halpin sent us a check for \$500.00 with a note, "You will need this. Use it wisely!" It became our "seed money" to establish a fund which paid for the four yearly "Outstanding Graduating Senior Cadet" awards at the U.S. Air Force Academy into perpetuity. During WWII, Bill built airplanes at Douglas Aircraft in Long Beach. Later, he came to LAD where he served for 24 years, retiring in 1972. Bill, our "Golden Eagle" is now with his beloved wife, Marion, and his grandson, Mark Suggs.

ACTON, KATHLEEN, 77 – passed away at her home in McLean, VA on August 23, 2013. Kathleen served at the Space

Division and at the Corporate offices for several years. She is survived by her husband, Richard, who is also a retiree.

ALHADEFF, SONIA L. "SONNI", 80 – of Anaheim, CA died February 25, 2014 of natural causes. She joined NAA in 1956 after moving to Anaheim. Sonni retired from NAA/RI in 1994. She is survived by her husband, Jack.

ANDREWS, BYRON E., 79 – of Indio, CA passed away on December 18, 2013. Andy joined NAA at Space Division in 1964 on the Saturn S-II, became Propulsion Manager at KSC and came back to Space Division for Shuttle Integration. Andy retired in 1994 with 30 years of service.

BJORKLUND, ALAN R. "AL", 80 – passed away in Las Vegas on January 1, 2014. Alan retired from the Boeing Corporate Office as Vice President of Facilities for Military Operations in 1999 with 38 years of service. He served at Rocketdyne, LAD, NASA Mississippi Test Facility, KSC and Space.

BRATTON, HIRAM R., 89 – died on December 16, 2013 at home in Glendora, CA. After graduating from LaVerne College he joined NAA/RI in 1961. Hiram became a single parent in 1975 after his loving wife, Lois, died.

BRICKERT, ROBERT, 89 – of Monterey Park, CA passed away on March 18, 2013. Using the knowledge he gained serving with the Army Air Forces, 5th Photo Section, 176th Tactical Reconnaissance Group during WWII, Bob joined NAA as a photographer and graphic services technician. He retired in 1984 with 34 years of service.

DEWEY, OREN B., 89 – of Columbus, OH passed away on January 11, 2014. A veteran of WWII, Oren was small in stature but big on performance. He started at the Columbus Division in the tight spaces on the FJ Fury and F-100 airplanes being assembled on the production line. He moved on to the hydraulic shop and then became a liaison coordinator. Oren retired in 1988 with over 30 years of service.

HANNA, JAMES A., 89 – passed away at home in Huntington Beach, CA on December 25, 2013. He began his career as an instrument technician at the Pearl Harbor Navy Yard in Hawaii. Relocating to California, he worked at Aerospace Corporation and then NAA/RI. He helped design instrumentation for the Space Shuttle and the first GPS satellite. He retired from NAA/RI in 1988.

HEIMERDINGER, MARO W. "BILL", 88 – of Torrance, CA, died on January 5, 2014. Bill started at LAD in Quality, moved to M&P and retired in 1989. He completed his career in Aerospace at Northrop.

HOLMAN, MARILYN V. "PUP", 90 – passed away November 29, 2013. She graduated from Manual Arts High School and subsequently went to work for NAA. Always incredibly upbeat, generous, loving; she is survived by her daughters and extended family.

HOUSTON, BENNIE B., 82 – of Santa Maria, CA passed away on November 3, 2013. Bennie joined NAR in 1960 to work on the Minuteman at Cape Canaveral, Florida. He was transferred to Vandenberg AFB and from there to Autonetics on the Peacekeeper and small missiles. He retired in 1990 with 30 years of service and enjoyed a life of travel, golf and being a volunteer at the Santa Maria Museum of Flight. He is survived by his loving wife of 59 years, Olive.

KLEIN, EDWARD, 90 – of Costa Mesa, CA passed away on December 3, 2013. After serving in the Air Force, Ed garnered an engineering degree and went to work for Northrop on the Flying Wing. Later, to NAA, to work on jet propulsion systems including the X-15 and systems design on the Apollo. He retired from NAA/RI in 1981. Ed was predeceased by his loving wife, Eleanor.

KOZIOL, DENNIS E., 81 – passed away on February 13, 2013 in San Clemente, CA. He joined LAD in 1956 after receiving his M.S. degree in Systems Engineering. He rose to become an engineering manager of the B-1B flight control systems and retired as Director of Airframe and Systems Design in 1989 with 33 years of service. He is survived by his loving wife of 61 years, Violet.

McGOUGAN, WILLIAM S. – A Lost Sheep, his ex-wife reported that Bill died on June 3, 2011 in Palm Desert, CA.

McPHERSON, CHARLES W., JR., 86 – of Edmonds, WA passed away on December 13, 2013. Obtaining his B.S. in Metallurgical Engineering from Montana School of Mines, he joined NAA/RI as a quality control engineer for over 30 years before he retired. His wife, Martha, preceded him in death in 2007.

MOORE, ROBERT L., 93 – died at home from Parkinson Disease. After doing postgraduate studies at UCLA. Bob joined Rocketdyne as a program manager. In 1961, his dedication promoted him to becoming Asst. Chief Engineer on the S-II Program. Burial was held at the National Cemetery in Riverside. Editor's Alert: Please do not confuse this Bob with Robert L. Moore of Compton, CA.

MYERS, FRED – passed away on December 4, 2013. Fred had worked in Engineering Planning, Administration and Long Term Planning for over 35 years when he retired 1990. According to his close friend, Stan Haugh, he blessed many people with his warm friendship.

ODELL, I. GORDON – of Aliso Viejo, CA. Bulletin returned stamped "Deceased". Gordon retired from Autonetics in 1976 with 19 years of service.

REUTER, EDGAR F., 81 – of Brea, CA, died peacefully on February 13, 2014. He had a long career with NAA on the Apollo and other project before retiring. Eddie was married for 59 years to the love of his life, Nettie.

SMITH, MILFRED F., 87 – died on November 30, 2013. He served in the Marine Corps and the Air Force until 1986, retiring with the rank of captain. He received a B.S. in Physics and Chemistry from CSULB in 1956 and completed his M.A. degree in Computer Science from West Coast University in 1983. He worked for NAA/RI in Financial Management before retiring at age 58. He is survived by his spouse, Dianne.

SNYDER, WILLIAM "BILL", 88 – of Culver City, CA died on December 18, 2013 at the VA Hospital in Los Angeles. Bill served at LAD for 17 years, retiring in 1967. For the next 40 years, he was a Government Contractor for spare aircraft parts.

WILEY, DELMAR, 91 – of Fullerton, CA passed away on December 4, 2013. Doris, his devoted bride of 70 years, was at his side. Del served as a Naval Aviator in WWII and saw action during the battles of the Coral Sea and Midway. He was the sole survivor after his Torpedo Bomber was shot down and survived 15 days on a life raft before landing on the Carteret Islands. Receiving a degree in Electrical Engineering, Delmar joined Autonetics. In 1960 and worked on a variety of aerospace projects including Minuteman and the Apollo project before retiring in 1982.

WILLIAMS, FRANK J. – died in San Marcos, CA on March 24, 2012. Frank served in M&P at LAD until he retired in 1986 with 31 years of service.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

BEN "BENNY" BACA – SANTA CLARITA, CA

TED L. MANN – FOUNTAIN VALLEY, CA

H. VERNON WOLFE – PARKER, CO

MATTHEW DOUGHERTY HAS BEEN FOUND IN POLSON, MONTANA

JOE COLETTA – FOUND, BUT PHONE MESSAGE GARBLED

"The only kind of dignity which is genuine is that which is not diminished by the indifference of others."

— Dag Hammarskjold

The Silent Majority

by Stan Guzy



DANA, WILLIAM H. "BILL", 83 – a famed NASA research pilot, he was one of 12 pilots selected for the X-15 flight test program. He flew 16 flights, reaching a top speed of 3,897 mph or Mach 5.53 and a maximum altitude of 307,000 ft. The X-15 pilots were one of the first to test pressurized space-suits, the effects of zero gravity on pilot performance and jet controls and other mechanical

devices to orient vehicles in outer space. Bill Dana graduated from West Point, became an Air Force officer and a fighter pilot in the Korean War. He received an aeronautical degree from USC and became a research engineer at the NASA Station at Edwards AFB. He became a test pilot the following year. He died from complications of Parkinson's Disease in Phoenix. Long time readers will recall the splendid article provided in the Fall 2006 Issue of the Bulletin by Bill Dana on the History of the X-15. He is survived by his loving wife, Judi.

BALOFF, OLEG J. "O.J.", 90 – of Thousand Oaks, CA passed away on March 8, 2014. After a three-year stint with the Army's 13th Airborne, he earned a degree in Civil Engineering and an M.S. in Industrial Management. His perseverance, consistency and hard work served him well with North American Aviation. He is survived by his wife, Janice.

BIGGS, ROBERT E., 80 – passed away on March 16, 2014 in Westlake Village, CA. Bob joined NAA on the Navaho project. This was followed by a stint on the Jupiter program and as manager of the Dynamic Analysis Laboratory. For nine years, he was a development engineer on the F-1 Engine Program for the Apollo-Saturn first stage. As one of the original team engineers on the Space Shuttle Main Engine proposal, he was the development manager and chief project engineer on the SSME. He retired from Rocketdyne with 54 years of service. He is survived by his wife of 40 years, Arlene.

DRAZICH, NICK D., 91 – died on March 16, 2014. After service in the Army, Nick earned an M.S. degree in Mechanical Engineering and joined NAA in 1948. He retired as a manager from Rocketdyne after 34 years of service. He is survived by his wife of 42 years, Norma.

MITCHELL, EUGENE M., 91 – of Laguna Woods, CA, passed away on March 24, 2014. Gene worked in several industries before becoming the Personnel Manager (Human Resources) at NAA/RI Newport Beach from where he eventually retired.

MULLINS, CORNELIUS "NEIL", 82 – passed away at home in Vista, CA on April 11, 2014 with his loving wife, Joan, at his side. It was their 61st Wedding Anniversary. Neil joined NAA at Cape Kennedy in 1967 after the Apollo 1 fire and became Director of Launch Operations. In 1976, he transferred to Edwards AFB as Manager of Test Operations and, subsequently, moved to Rocketdyne as Production Director of Central Manufacturing. In 1983, he became Factory Manager in Downey. Neil retired in 1989 with 22 years of service.

MYNAR, WIL, 72 – passed away at home in Fountain Valley, CA on July 16, 2013. Wil joined NAA at KSC Test and Checkout for the Apollo/Saturn program. He retired from the Shuttle program in Downey as Director of Safety.

RAYNESFORD, JOANN, 82 – of La Palma, CA passed away on October 21, 2013. Joanne was a very accomplished lady, retiring from the Corporate Offices at Seal Beach in 1988 with 28 years of service.

RICE, ALEXANDER C., JR., 88 – passed away on April 30, 2014 in Sun City, CA. Al held several key positions over 23 years of service at Autonetics Marine Systems Division on the Inertial Navigation and Sonar Systems program for the United States Nuclear Submarine fleet. He is survived by his wife of 52 years, Pauline.

ROBERTSON, ALBERT R., 85 – died on February 14, 2014. Albert joined LAD as an engineer and retired to Hemet, CA in 1984 with 34 years of service. He is survived by his loving wife, Jean.

ROHE, DONALD J., JR., 89 – passed away peacefully at home in West Hills, CA on March 15, 2014. Returning from service in the USAF, Don joined Rocketdyne in Quality Control. He enjoyed working with his coworkers and was very proud of being part of North American Aviation. He retired in 1985 with 40 years of service. He is survived by his loving wife, Avonelle.

ROZNOS, VIRGIL F., 78 – died at home in Garden Grove, CA on May 21, 2014. After graduating from Iowa State University, Virgil came to San Diego, moved to Nebraska to work on ICBM missile silos, then joined NAA at Space Division in Downey. He retired in 1996 with 34 years of service on the Apollo and Space Shuttle programs. He is survived by his loving wife Karen.

STAYBOLDT, GEORGE, 94 – passed away on April 1, 2014 in Spring Valley, CA. George started at LAD in 1947 as a Draftsman in the F-86 Project Group, then as a designer in the Armament Group. He was a technical illustrator in the Standards Group before moving on to the Saturn II, Apollo and Space Shuttle programs. He retired from Space Division in 1981 with 29 years of service.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS***M. W. "JACK" BELL – RANCHO PALOS VERDES, CA******RICHARD L. "DICK" WEISS – BANNING, CA***

The Silent Majority

by Stan Guzy



HARTSFIELD, HENRY W. "HANK", 80 – USAF Fighter and Test Pilot, NASA Astronaut. Hank Hartsfield passed away on July 17, 2014 in Houston, Texas from complications following back surgery. Receiving a B.S. in Physics from Auburn University, he earned an Air Force commission through the ROTC Program and served with 53rd Tactical Fighter Squadron in Bitburg, Germany. Completing

training at the USAF Test Pilot School at Edwards Air Force Base, he was assigned to the USAF Manned Orbiting Laboratory Program as an astronaut. With cancellation of the MOL program, he earned a M.S. degree in Engineering Sciences from the University of Tennessee and joined NASA as an astronaut. He was the pilot of *Columbia* on STS-4; the commander on the maiden flight of *Discovery* on STS-41-D; and commander aboard *Challenger* STS-61-A, a 12-man mission which carried Spacelab D-1 into orbit. After completing several administrative assignments, Hank retired and joined the Raytheon Corporation in Houston, Texas. He received several medals and awards including the Gen. Thomas D. White Space Trophy. Hank was a member of the U.S. Astronaut Hall of Fame. He is survived by his loving wife Judy Frances.

BELL, M. W. "JACK" – of Rancho Palos Verdes, CA passed away after a prolonged battle with Parkinson's disease. Joining NAA in 1954, he was assigned to many black programs and Advanced Engineering projects. He was recognized by the NASA and other U.S. agencies for his contributions to the Apollo and Space Shuttle programs. He retired in 1984 with 30 years of service.

BILLICA, BARRETT M., 92 – passed away on June 19, 2014. Graduating from Purdue University and serving in WWII, he joined NAA as a design engineer. He is survived by his wife, Mary.

BROWN, DEAN W., 88 – of Rancho Palos Verdes, CA passed away on November 7, 2013. Dean retired in 1990 from Space Division with 40 years of service, primarily in the Human Factors group. He is survived by his loving wife of 64 years, Maeola.

BUTCHER, DONALD, 78 – of Merritt Island, FL passed away on March 21, 2014. Don joined LAD and left for service in the USAF in 1955, returning in 1961. He served for over 42 years in Manufacturing and Field Service and retired from the Kennedy Space Center Associate Supervisor of National Operations Move Crew. He is survived by his loving wife of 32 years, Jean.

DINIZ, JOSE A. "TONY", 96 – of Tustin, CA passed away on June 6, 2014. Tony served in Schedule Management at Downey for 21 years on the Apollo and Space Shuttle pro-



NAGLE, STEVEN R., 67 – NASA Astronaut, USAF Fighter and Test Pilot, and aerospace engineer. Steven Nagle passed away in Columbia, Missouri of melanoma on August 21, 2014. He graduated from the University of Illinois with a Bachelor of Science degree in Aeronautical and Astronautical Engineering with high honors and received his commission in the U.S. Air Force through the

ROTC Program in 1969. He received his Master of Science degree in Mechanical Engineering from California State University, Fresno. He flew the North American F-100 with the 68th Tactical Fighter Squadron at England AFB, Louisiana and served as a T-28 instructor pilot with the Laotian Air Force before attending the USAF Test Pilot School at Edwards AFB. Selected by NASA to be an astronaut, he served on four Space Shuttle missions: as a mission specialist aboard *Discovery* on STS-51-G, as pilot aboard *Challenger* on STS-61-A, as commander aboard *Atlantis* on STS-37, and as commander aboard *Columbia* on STS-55. After his retirement from NASA, he and his wife, fellow astronaut Linda Godwin, continued to teach at the University of Missouri. Along with his wife, he is survived by their two daughters.

grams before retiring in 1984. He is survived by his wife of 30 years, Carolyn.

EICHENGER, ROBERT J., 91 – joined the angels on August 14, 2014. Graduating from West Point, Class of 1946, Bob joined the Army Air Forces and trained to fly the P-51 Mustang and flew on numerous assignments. He retired from the Air Force Reserve with the rank of Lieutenant Colonel and joined Autonetics as an engineer on the B-70 Navigation System.

HALE, THOMAS S., 91 – passed away on May 20, 2014 at home in Downey, CA. After serving in WWII, he earned a degree from Iowa State College and went on to a rewarding career at NAA. He served on the Apollo and Space Shuttle programs, retiring with 26 years of service in 1977. He is survived by his wife of 70 years, Marjorie.

HAMILTON, ROBERT M. "BOB", 90 – passed away suddenly at his home in Upland, CA on June 6, 2014. Bob earned an Aero Engineering Degree from USC after returning from Italy where he completed 21 missions as a navigator on a B-24 assigned to the 449th Bomb Group, 47th Wing of the 15th Air Force. In a cyclonic career, he served as an aeronautical engineer at Northrop, Lockheed, Boeing, North American and NASA. He had a great passion for the sea and loved to sail with his wife Jean.

HILL, CLARENCE O., 83 – after battling Alzheimer's disease for several years, Clarence died of a heart attack on July 14, 2014 in Fullerton, CA. Having a very distinguished

career in the U.S. Army, he retired in 1974 as a Lieutenant Colonel. He joined the Space Division Government Relations team and served for another 20 years, primarily on the Space Shuttle and the GPS Programs. He is survived by his wife of 53 years, Gloria.

LEMONS, ROBERT L., 85 – of Hemet, CA passed away on April 10, 2014. Bob retired from Space Division in 1987 after 33 years of service.

LONG, BILLY JACK “B.J.”, 91 – of Seal Beach, CA passed away on August 22, 2014. B.J. started his career in Aviation as a junior engineer at Monocoupe Aeroplane in 1941. Entering the Naval Aviation Cadet Program during WWII, he was qualified to fly a multitude of naval aircraft when he retired as a Commander with active service during WWII and Korea. He joined Convair in San Diego and served as the test pilot on the YF2Y-1 Sea Dart and the supersonic F-102A Delta Dagger. He came to Space Division in 1957 as Public Relations manager for major space programs. He is survived by his wife, Wini.

McGEE, GERALD W. “JERRY”, – of Rossmoor, CA passed away on June 18, 2014. Jerry retired from LAD in 1981 with 40 years of service. Jerry served as a crew chief on B-29s in the South Pacific during WWII.

OTIS, THOMAS R., 85 – succumbed on August 14, 2014. Joining Autonetics as a junior draftsman, he quickly advanced to senior design engineer, specializing in optical instrumentation for guidance systems. He was a key engineer on many military programs, demonstrating unique technical professional skills.

SANCHEZ, JESUS “JESS”, 74 – of La Habra, CA, passed away on July 4, 2014. In 1959, at the age of 19, he joined Autonetics in the Photographic Department along with his brother, Salvador. He played on the company baseball team and loved to sing and dance the salsa. He is survived by his wife of 51 years, Irene.

SMIRL, JAMES H. “JIM”, 96 – passed away on June 21, 2014 in Pembroke Park, FL. Jim was in Flight Test Engineering at Palmdale on the F-86 and F-100 fighters. He retired from Rocketdyne in 1972 with 23 years of service. He is survived by his loving wife, Annette.

SOLOMONIDES, BYRON C., 89 – of Columbus, OH passed away on July 27, 2014. Byron was “Mr. Escape Systems” at the Columbus Division. He was deeply involved with the design, development and testing of ejection seats and their systems for the T-2 trainer, A-35 and RA-5C attack and reconnaissance and the OV-10 attack production aircraft and the XV-4A, XV-51 and XV-19 research series aircraft. The ejection seats developed by Byron and his team were survivable from zero speed/zero altitude to Mach 2+ as was proven by a survivor during the Vietnam War. He retired from Columbus in 1989 with 38 years of service. Byron is survived by his loving wife of 64 years, Kitsa.

STRELOW, REUBEN E., 94 – died on August 9, 2014 at Laguna Woods, CA. A graduate of the U.S. Naval Academy in 1943, he remained in the Navy. He graduated from the Naval Post Graduate School and served as an electronics engineer until 1962. He came to Space Division and served on the Apollo and Space Shuttle programs.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

WILLIAM McGOUGAN – PALM DESERT, CA

ALVIN SHAW – TULSA, OK

JOE LANE – WELDON, CA

RONALD WESTBROOK – OJAI, CA

“It suddenly struck me that that tiny pea, pretty and blue, was the Earth. I put up my thumb and shut one eye, and my thumb blotted out the planet Earth. I didn’t feel like a giant. I felt very, very small.”

— Neil Armstrong

North American Aviation Retirees Bulletin

The Silent Majority

by Stan Guzy

BLUMHAGEN, VERN A., 85 – passed away in Vida, OR on October 27, 2014. Vern joined Autonetics in Downey in 1958. His first assignment was to develop the equations for the on-board computer for the inertial guidance system on the B-70. The design of the inertial guidance and navigation systems for a multitude of projects followed. Promotions followed until Verne was appointed Director of the Advanced Analysis Department of the Research and Engineering Department. However, in 1970, most of the programs came to a crashing end, resulting in massive lay-offs. In 1983, Vern received the “Engineer of the Year” award and retired in 1987. He is survived by his loving wife of 59 years, Marilyn.

DITTUS, ELMER R., 96 – of Los Angeles, CA, passed away on September 3, 2014. After returning from service during WWII, Elmer graduated from North Dakota Agriculture College as a mechanical engineer. He joined LAD in 1951 as an engineer on the F-86, F-100 and the F-107. He moved to the X-15 and worked on the hydraulics, flight control and landing gear systems. After a year in St. Louis on the F-15, he returned to the B-1 and, subsequently, to Space where he was on the Shuttle program until he retired in 1984 with 32 years of service.

FINTON, JOHN M., 83 – passed away on September 6, 2014 in Yorba Linda, CA. Earning a degree in Geology from Michigan State University, John joined NAA and participated in many successful projects until he retired in 1989 with 20 years of service. He is survived by his wife, Shirley.

HEWITT, GEORGE F., 94 – passed away on February 10, 2014 in Rogue River, OR. George served as an engineer at Rocketdyne for 29 years when he retired in 1983. He is survived by his loving wife of 69 years, Etta.

KELCHNER, DONALD E., 86 – of Villa Park, CA passed away on September 8, 2014. Don received a Business degree from UCLA in 1955 and retired from NAA/RI in 1988.

KOELLER, FRED B., 95 – of Manhattan Beach, CA passed away on October 6, 2014 surrounded by his loving family in

the home he designed and built in 1958. Returning from the Navy after WWII, he attended UCLA. He retired from LAD in 1984 with 44 years of service in Engineering, M&P and Manufacturing. During his service, Fred shared a patent for Superplastic Forming of Metals.

KOZMATA, JOSEPH W., 87 – passed away on September 29, 2014 at home in Mission Viejo, CA. Joseph earned a degree from the University of Denver before joining McDonnell Douglas in California. He retired and joined NAA/RI until he retired. He is survived by his partner, Linda Burkholder.

KREJCI, MILAN D., 83 – died peacefully at home in the San Fernando Valley, CA on September 1, 2014. Attending UCLA, he served at Rocketdyne until he retired in 1990. He is survived by his wife, Florence.

LEUE, ALAN C., 84 – passed away on September 25, 2014 in Santa Barbara, CA. Attending Cal Poly SLO, Alan served with NAA until his retirement in 1987.

MAYNARD, ELLA JEAN “JEAN”, 87 – of Long Beach, CA succumbed on October 6, 2014 after a very long and courageous battle with sciatica. Jean was a wonderful person, an efficient secretary that cranked out flawless work fast and a caring friend. She retired in 1993 with over 22 years of service as secretary to Pat Hanifin, Director of Structural and Mechanical Design. Her laughter and charm will be sorely missed!

REPLOGLE, JACOB L., 86 – passed away at home in Placentia, CA on September 27, 2014. Jacob was at several companies, including Space Division where he served on the Saturn V, Apollo and Space Shuttle. He is survived by his loving wife, Teddie Jean.

SMITH, PHILLIP S., 81 – of Lancaster, CA passed away on May 29, 2014. He served in Quality Control at Space, Rocketdyne, Sabreliner and B-1 Divisions. He retired in 1988. Phil was enthralled with Bonneville racing cars. He is survived by his wife, Sharon.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

ROY D. BRATZEL – LANCASTER, CA

DEAN W. BROWN – RANCHO PALOS VERDES, CA

E. C. GENE DANN – LONG BEACH, CA

JOHN D. GLOVER – TEMPLETON, CA

CHARLES E. HOFFMAN – CARSON CITY, NV

MERLE E. HOUGH – MOORPARK, CA

EDWIN R. MORGAN II – HESPERIA, CA

JAMES L. POSEY – HARBOR CITY, CA

KEIKO I. PULIN – ANAHEIM, CA

ROLF D. SCHMUED – LOS ANGELES, CA

RONALD J. “AL” WESTBROOK – OJAI, CA

LEROY & JOYCE WOLFF – SAFETY HARBOR, FL

The Silent Majority

by Stan Guzy



FULTON, FITZHUGH L., "FITZ", 89 – the revered military and NASA test pilot, known as the Dean of Flight Test passed away at home in Thousand Oaks, CA on February 4, 2015. He was one of America's most accomplished test pilots having flown more than 15,000 hours in over 225 different types of aircraft. He received his "pilot wings" in December 1944, too late for World

War II combat. He flew 225 missions in the C-54 Sky-master during the Berlin Airlift. He logged 55 combat missions in the A-26 Invader in the Korean War. In 1952, he completed the USAF Experimental Test Pilot School at Edwards AFB. While Chief of the Bomber Flight Test Section, he set an international record for carrying a 5,000 kilogram payload to a height of 85,360 feet in a B-58. During the 1970s, he was the project pilot on the 747 Shuttle Carrier Aircraft used during the Space Shuttle Approach and Landing Tests releasing the Enterprise. Mr. Fulton was the consummate gentleman, always soft-spoken and polite. He will be missed.

ALTSHULER, ROBERT F., 79 – of Anaheim Hills, CA, passed away on January 9, 2015 after a long battle with heart disease. Bob's wife, Shirley, and family members were at his bedside. Bob joined Autonetics in 1959 and, subsequently, moved to Space Division, where he had a successful career as a contract administrator until he retired in 1990.

BLUMHAGEN, VERN A., 85 – passed away peacefully on October 27, 2014 at his home in Vida, OR. Graduating with honors from Iowa State with a B.S. in Electrical Engineering, he went to work at General Electric for four years before moving to California. Coming to Autonetics, he was responsible for a crew of over 40 engineers in developing guidance missile systems for missiles. He had a paper published by IEEE, which is still used as reference material in systems work. Bob retired in 1987 and is survived by his wife of 59 years, Marilyn.

BOWMAN, ELDON L., 92 – passed away in Simi Valley, CA on August 3, 2014. Eldon was an independent Research & Development engineer. He retired from the Tulsa Division in 1983 with 35 years of service.

CABLE, DONALD R. – of Fountain Valley, CA passed away on November 13, 2014. Don served at Space on the Apollo, Saturn and Shuttle programs. Assigned to the Orbiter GSE EGLSS, he made frequent trips to KSC where he was cheerfully referred to as "DR. CABLE". Don retired in 1996 with 35 years of service. He is survived by his loving wife of 46 years, Donna.

CAMPBELL, WILLIAM R., 77 – passed away peacefully at his home in Cypress, CA. Bill worked in Human Relations at various divisions of NAA/RI for thirty years before retiring. He spent the last years of his retirement as a volunteer at the Los Alamitos Medical Center. He is survived by his loving wife of 55 years, Rona.

ELTON, OLE L., "RED", 81 – of Rochert, MN, passed away on December 24, 2014. Ole retired from NAA after 30 years of service, including eight years on assignment in Washington, D.C. He moved to Minnesota and became an ordained Deacon of the Catholic Church. He is survived by his wife, Mary.

HARTMANN, EDWARD, 89 – died on November 1, 2014. Raised on the East coast, he moved to California and joined Autonetics, working on various projects related to aircraft design, radar, space, missiles and National Missile Defense programs. He retired from NAA/RI after 43 years of service and is survived by his wife of 54 years, Suzanne.

HEWITT, LUCILLE M., 87 – passed away in Vancouver, WA on September 4, 2014. She began her career in 1951 at S&IS, working in Material and Production Control. She served on the Apollo and Space Shuttle programs at Downey, Palmdale and, finally, at Seal Beach as Logistics Coordinator, Production Scheduler, Project Liaison Rep and as Document Closeout Coordinator. She retired in 1990 with 39 years of service. Lucille was interred at Fort Rosecrans National Cemetery in San Diego with her beloved husband Norman. He was also an NAA Retiree.

HOSKINS, HUGH T., 78 – died on December 4, 2014. Hugh graduated from USC in 1962 with an M.S. degree in Electrical Engineering. He programmed large IBM computing systems for NAA/RI, was a devout USC Trojan fan, and also programmed the card stunts for the USC football games. He retired from NAA/RI Space Division after 40 years of service. He is survived by his wife of 47 years, Arliss.

MARGHEIM, DONALD M., 79 – went to be with the Lord on October 28, 2014. Born and raised in Nebraska, he was QB for the University of Nebraska football team; he moved to San Diego, CA and served a short time in the U.S. Navy. He then joined NAA/RI where he worked on the XB-70, Apollo, B-1 bomber, and Space Shuttle programs. He retired from aerospace after 30 years of service and is survived by his wife of over 30 years, Nellie.

MATHEWS, JOHN M., "MIKE", 77 – of Palm Desert, CA, was taken by the Lord on December 30, 2014. Mike had worked for more than 30 years at several aerospace companies, including NAA/RI and Boeing. He served as Director of Communications for NAA/RI Aircraft Operations on the AC-130U Gunship, X-31A EFM and the B-1B Lancer programs and, subsequently, at Boeing on the C-17 Globemaster III program until retirement in 2000. Mike is survived by his loving wife of 38 years, Paddy.

McLAUGHLIN, JAMES F., 91 – of Nipomo, CA., died on April 18, 2014. Jim was an engineer at Space Division on the Apollo and transferred to Vandenberg AFB. He retired in 1983 with 30 years of service.

McQUADE, KENNETH F., 81 – died in the arms of his wife Ann on September 30, 2014 during recovery from a massive stroke. Ken immigrated in 1956 from England to Canada with his wife and daughter to work for Canadair. He then moved to California and joined Autonetics where his digital avionics expertise was focused on the F-111 program.

When NAA won the Space Shuttle contract he was chosen as VP of Shuttle Avionics and then as Chief Engineer of the Shuttle Program. He made rapid progression to Program Management and then General Management in the Collins Communication operations of NAA/RI. Ken's career spanned many years of the "golden age of modern aerospace". He was a modest, intelligent man, with an engaging personality that attracted and inspired the best talent to collectively solve heretofore-intractable problems.

NELSON, LYLE, 90 – died in Sun City, CA on November 20, 2014. Lyle joined LAD in 1955 and was assigned to the Mass Properties Group. He worked on the F-107A, T-39A, F-100D ZELL, X-15 and XB-70A. He transferred to Advanced Design where he programmed the first desktop computers.

NORWOOD, LELAND "LEE", 94 – of Palos Verdes, CA passed away on February 7, 2015. Lee joined LAD in 1937 and worked as an engineer on many projects including the P-51. He was widowed by his lovely wife Margaret in 2002. He was President of the Rockwell Camping Club and enjoyed the camaraderie of many NAA retirees.

OSBORN, WARREN L., 86 – died on January 29, 2015, surrounded by his family. Born in Wyoming, he served in the U.S. Marines and received an Aero Engineering degree from the University of Colorado. He was assigned to various projects at LAD and Autonetics. Warren retired from the Space Division in Downey, CA after 35 years of service. He is survived by his wife of 62 years, Dixie.

SLATER, GORDON L., 89 – of Mission Viejo, CA passed away on January 29, 2015. Gordon served in the Army during WWII and survived as a POW in Stalag 12-A. Returning to civilian life, he joined NAA/RI as an accountant and soon discovered that his contract negotiations talent to be his destiny. He was to succeed in that capacity for 30 plus years until his retirement in 1987. He is survived by his lifelong companion, Myrna Bisson, and an extended family of nieces and nephews.

WILSON, JAMES M., "JIM", 85 – of Nipomo, CA died on January 20, 2015. He joined NAA in 1962 after service with the Army in Korea. He retired from Space Division in 1988 where he served in the Engineering Project Office on the Galileo/Jupiter projects. He is survived by his wife of 64 years, Margaret.

WINDES, GEORGE I., 74 – passed away as a result of cardiac arrest on December 2, 2014. George held various positions and high-level security clearances on different projects he was assigned to at NAA. He was proud of the work he did when he retired at 68 with 43 years of service. He had been married for 20 years to Vicki Phillips.

YANOSCHAK, MICHAEL G., 74 – passed on peacefully on January 11, 2015 at home in Laguna Hills, CA. Mike moved to California in the early 1960s with his new wife Jo Ann. They quickly landed jobs at Autonetics where he worked as an Engineering Project Manager for more than 30 years. After retiring from NAA/RI he enjoyed gardening and working with computers.

PAX DOMINI SIT SEMPER VOBISCUM



LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

R.D. BLOSSER – FULLERTON, CA

WILLIAM B. COULTER – LAS VEGAS, NM

LES KRAUSE – OAK HARBOR, WA

FRANK T. McCAMBRIDGE – TORRANCE, CA

MARY OLDHAM – AVILA BEACH, CA

KEIKO I. PULIN – ANAHEIM, CA

JOSEPH SZABO – INGLEWOOD, CA

EDWARD G. VINCENT – ANAHEIM, CA

LOST SHEEP ACCOUNTED FOR

CHARLES HOFFMAN HAS BEEN FOUND IN LAKE HAVASU, AZ

JOHN GLOVER HAS BEEN FOUND IN MORRO BAY, CA

The Silent Majority

by Stan Guzy



MYERS, DALE D., 93 – of Carlsbad, CA passed away on May 19, 2015 after a brief illness. He joined NAA in 1943 as an aerodynamicist and wind tunnel specialist with projects relating from the P-51 Mustang to early jets. In translating some captured German Luftwaffe reports, he defined changes which led to the very successful

swept wing F-86 Sabre. As Vice President of Weapons Systems Management, he led the development of the two-stage rocket and ramjet Navaho. When it was cancelled in 1957, he oversaw the B-52-launched Hound Dog nuclear weapons system. By 1963, 727 were completed at the Downey facility. In Spring 1964, he became Vice President and Program Manager of the Apollo Program which culminated on July 21, 1969 with Apollo 11 landing on the Moon. Shortly later, he was appointed Vice President on the Space Shuttle Program. In 1970, he joined NASA for a four year stint as an Associate Administrator Manned Space Flight. He returned to Rockwell in 1974 and took final retirement in 1977 with 30 years of service. Those who knew him, considered him the Best Program Manager of the Century!

AUGUST, RUDOLF, 82 – passed away on March 22, 2015. Rudolf was born in Poland on June 14, 1932 to German parents. After WWII, he and his wife immigrated to America in 1958. Rudolf began his career as a research physicist in the frontier field of electronics, developing diodes and transistors. He retired in 1989. He is survived by his wife, Sigrid.

BARBERA, FRANK J., 79 – passed away on March 29, 2015 at home in Yorba Linda, CA. After graduating magna cum laude from USC, Frank joined Autonetics in 1961, later transferring to Downey and Seal Beach. He worked on many space related programs for over 20 years including the first Global Positional Satellite. Frank continued his education while working, obtaining his MBA from USC in 1964 and a Ph.D. from UCLA in 1971 specializing in dynamics and control of satellites. Frank retired from Autonetics as V.P. of Advanced Strategic Systems in 1995. He is survived by his loving wife, Kelly.

BURG, ROGER A., 82 – of Laguna Niguel, CA passed away on June 12, 2015 of pancreatic cancer. Graduating from the University of Florida with a BSME degree, Roger joined Space Division in 1956 as an mechanical,

propulsion and power engineer on the Navaho and Hound Dog projects. He advanced as Program Director on the Advanced Launch System (ALS), Saturn S-II Manager at KSC, and Shuttle Integration Project Manager. NASA recognized his achievements on the shuttle orbital flight test program by presenting him the NASA Public Service Medal in 1982. He is survived by his loving wife, Nancy.

CADWELL, GAI H., 97 – of Corona, CA passed away on February 22, 2015. Gai started at the Bell Aircraft Corporation on the Bell X-1 and subsequent early rocket ships. He was an engine systems designer and the principal engineer on the Orbiter Main Propulsion System (MPS). Gai was an Experimental Airplane buff and he built a VariEze from a kit that had a pusher-propeller in the rear. One Sunday at Ontario Airport, he was getting ready for takeoff when the engine quit. He jumped out and manually got the engine to start. At that moment, he slipped and got clipped in the head by the spinning propeller. Miraculously, he survived, but the propeller was totally splintered. Gai retired in 1983 from Space Division with 20 years of service.

CARR, POLLY, 91 – died on May 31, 2015 at Arroyo Grande, CA. Polly retired from Corporate Offices after many years of service. She was Secretary to Harrison Storms.

CHRISTIAN, MAUREEN, 79 – of Laguna Niguel, CA passed away on March 14, 2015 after a long-fought battle with cancer. Maureen joined Space Division in 1963 and worked her way up in Reliability supervision with integrity and resolution. She retired in 1995 with 32 years of service and remained with Boeing as a consultant. A single parent, she raised her two daughters, Rachel and Erika, with pride and great joy. She will be greatly missed by those who loved her.

COURVOISIER, NORMAN F., 93 – passed away on December 10, 2014 in Long Beach, CA. Returning from service in the Navy, Norman spent five years with McDonnell Aircraft in St. Louis. Relocating to Southern California, he joined Space Division where he served in the Instrument Lab in Downey for the next 30 years on the Saturn, Apollo and B-1 programs. Norm retired in 1981 with 30 years of service. He is survived by his loving wife of 68 years, Norma.

DONAN, JOHN F., 91 – passed away on April 2, 2015 after a two-year battle with metastatic prostate cancer, a battle he fought with great courage and determination. In 1962, he began his career at Autonetics. Subsequently, he moved to Space Division where he served as a subcontract

engineer for the display system for the first Space Shuttle. He retired in 1990. He is survived by his wife, Cecil.

FOSS, OLIVER "OLLIE", 88 – of Santa Maria, CA passed away peacefully on February 24, 2015. Ollie came to LAD and served for more than 32 years in Engineering and Facilities before he retired as Manager of B-1 Facilities in 1983.

FUNK, GERALD, 95 – passed away on February 2, 2015 in Brea, CA. Gerald came to LAD in 1940 and began on the P-51 production line. He married a coworker, Esther Jacobs, in 1943. In the 1970s he made parts for the Space program. He retired in 1978 with 38 years of service. The love of his life for 67 years, Esther, passed away in 2010. On his 93rd birthday, he took a fantastic ride in a P-51 Mustang.

GLOVER, JOHN "DON", 82 – died on February 23, 2015 in Morro Bay, CA. After serving in the Korean War, he moved to Orange County and settled there for 32 years. He joined NAA and completed 30 years of serves before retiring. He is survived by his wife of 57 years, Ann.

HANSEN, RUSSELL W., 73 – passed away on March 6, 2015 in Palmdale, CA. He had served in the Army Reserve and was a 45 year resident of the Antelope Valley. Russ worked on the X-15, XB-70, Apollo, Space Shuttle and B-1A/B before retiring as Director of Mockup and Tube Fabrication at NAA/RI. He will be missed. Russ was preceded in death by his wife, Sherrill, who was also an NAA retiree.

KOERNER, RICHARD A., 89 – passed away into the great beyond on January 26, 2015 in Riverside, CA. He

is survived by his wife, Dorothy. Actual NAA/RI service information was not available.

LEATHERBY, SANDRA J., 76 – died peacefully in her sleep at home in Fullerton, CA on March 13, 2015. In 1961 she began her career as a financial analyst at NAA/RI which would last for 34 years until her retirement in 1995. Sandra is survived by her husband of 52 years, John.

NICHOLSON, KENNETH F., "NICK", 96 – of Anaheim, CA. Learning to fly during WWII, Ken served with the 364th Fighter Group in Britain flying P-38s and P-51s. Returning from service, he earned a degree from Cal Tech. He was with Douglas Aircraft and Ford Aeronutronics before joining NAA on the Space Shuttle. Ken retired in 1985 with 20 years of service. He is survived by his loving wife of 63 years, Dorothy.

PAULUS, JACK L., 87 – died on February 24, 2015 at his home in Anaheim, CA after a long battle with Parkinsons disease. Jack worked as an engineer at NAA/RI for 38 years before retiring. He enjoyed dancing and travelling with his wife of 49 years, Helen Louise.

REED, HAWLEY, 90 – of Gahanna, OH died on May 27, 2015 at home. Hawley retired from the Columbus Division.

YOUNG, RICHARD M., 82 – died suddenly on March 16, 2015 from undisclosed causes. He was an aerospace engineer for over 40 years and assisted in the birth and growth of the Space Age in the Army at the Army Ballistic Missile Agency and then as a high level Program Manager for the Apollo and Skylab projects and the NAA/RI SDI project. He is survived by his extended family.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

MONROE COTNER – MANHATTAN BEACH, CA

VIRGIL & JUNE CRAWFORD – GOLD HILL, OR

R. B. DILLAWAY – McLEAN, VA

VIRGIL JUST – LOS OSOS, CA

CHARLES KELCH – LAUGHLIN, NV

JAMES POSEY – HARBOR CITY, CA

KEN RYAN – LA MIRADA, CA

At press time, Stan Guzy is recuperating from surgery, but he will return for the Fall issue with more names for the Silent Majority.

DAVIS, JAMES J., 94 – of Coeur d’Alene, ID passed away on June 17, 2015. After returning from the Army, having served in the Battle of the Bulge, he attended Ohio State University where he earned a B.S. in Engineering. Joining NAA at the Columbus facility, he was assigned to Production Planning, then as a design engineer on the A3J Vigilante and the X-15. In 1960, he was transferred to LAD on the XB-70 and, later, to Space Division on the Apollo as Chief of Production Planning. He retired in 1982 with 32 years of service ending as Director of Manufacturing Engineering and Development on the Space Shuttle program.

DIEM, HAROLD, 89 – passed away August 1, 2015 after a tragic fall. He served in the U.S. Navy during WWII, graduated from UC Berkley with a B.S. and from UCLA with an M.S. in Mechanical Engineering. He served at Rocketdyne as Program Manager of Advanced Technology Programs. He is survived by his wife of 59 years, Catherine.

GILLESPIE, ED, CAPTAIN, USN (RET), 86 – of Gahanna, OH took his last flight with an angel flying the “right seat” on July 9, 2015. A licensed pilot at 16, Ed joined the U.S. Navy at 17 and was accepted to the Navy flight training program. As a carrier-based fighter pilot during the Korean War, he flew many combat missions. Passing up a chance to fly with the Blue Angels, he entered the Navy Test Pilot Training School where he graduated in 1956 and remained in the Reserve for an additional 26 years. Ed joined the Columbus Division and retired as Chief Test Pilot with 30 years of service, With over 15,000 flight hours, primarily accumulated in short, intense flights in single cockpit high performance aircraft there are few, living or dead, that can match his aviation accomplishments. He is survived by his wife Janette. His passing is especially sorrowful to the Bulletin because of his strong participation in placing the NAA Memorial Benches at Dayton and Pensacola.

KARLE, THEODORE, 77 – died peacefully in Fullerton, CA on May 1, 2015. After serving in the U.S. Navy, Theodore had a long career with NAA. He is survived by his wife Barbara.

McLOUD, DALE L., 90 – of San Clemente, CA passed away on December 24, 2014. Dale retired from Autonetics in 1982 with 31 years of service. He is survived by his loving wife, Ruth.

MUCKENTHALER, RONALD, 85 – of Dana Point/Laguna Woods, CA died on April 30, 2015. Graduating from USC, he served in the USAF during the Korean War. Joining NAA in Human Resources at Downey and Anaheim, he was a recruiter at universities all over the United States.

NEALE, HARRY L., 90 – passed away at home in Santa Ana, CA on July 28, 2015. Harry was a Technical Sergeant in the U.S. Marine Corps serving as a Corsair aircraft mechanic in the South Pacific. Returning home, Harry completed stints with several aircraft companies before joining NAA on the B-70 program in 1960 as a Production Change Analyst. He retired in 1984 as B-1 Supervisor of Manufacturing and Master/Detail Scheduling with 23 years of service.

OWEN, CHARLES T., 88 – of Tucson, AZ passed away on March 11, 2015. Charlie retired from Space Division in 1992 with 31 years of service. He is survived by his loving wife Evelyn.

PEREZ, LOUIS R., 90 – died peacefully on July 3, 2015 in Walnut Creek, CA. After proudly serving with the U.S. Navy in the Pacific, he came to NAA. Louis retired as Supervisor of Warehouse Services in the Los Angeles and Palmdale facilities with 40 years of service. He is survived by his wife Estela.

PERRY, JOHN R., 85 – passed away peacefully at home in Los Alamitos, CA on April 30, 2015. He joined Space Division in 1965 with a B.S. degree from Northrop Institute. He held several management positions including Apollo/Sky-lab, Saturn V Second Stage Test Conductor at KSC, and on the B-1A/B-1B. John continued to serve in management positions with Boeing including the X-31 VECTOR, E-4B Airborne Command Post, FSW Fighter, Next Generation Trainer, Towed Decoy and Airborne Laser programs. He retired in 2001 with 36 years of service. He is survived by his loving wife Sheryl.

ROEHL, ERNEST R., 86 – of Yorba Linda, CA died on June 16, 2015. Ernest earned his B.S. and M.S. in Electrical Engineering from the Missouri University Rolla School of Mines. After a stint in the oil fields of Texas, he joined NAA as a research engineer. He retired after 30 years of service with two patents.

RUSH, CLIFFORD A., 89 – passed away on May 27, 2015 in Santa Maria, CA. Cliff retired from Autonetics in 1991 with 30 years of service. He was very active with the Santa Maria Amateur Radio Club up to a few days before he died.

SHAW, JAMES A., CAPTAIN, USN (RET), 73 – of Westerville, OH passed away on July 12, 2015. A graduate of Indiana State University, Jim served on active duty in the U.S. Navy as a pilot for five years during the Vietnam War. His squadron provided anti-submarine and anti-ship patrols to the carrier battle groups in European waters, flying the Grumman S-2F aircraft affectionately known to its crews as the “Stoof” and its pilots as “Stoof Drivers”. Jim made 124 arrested landings on five different carriers and continued to fly in the Naval Air Reserve for 27 years more years of service. Jim is survived by his loving wife of 50 years, Roberta. A fine gentleman, Jim will always be remembered at the Bulletin for his grand participation in obtaining the NAA Memorial Benches.

SUFFECOOL, CLARENCE “CHUCK”, 88 – of Laguna Niguel, CA passed away on August 13, 2015. Chuck was an electrical engineer for the Inertial Navigation System installed on U.S. Navy nuclear submarines. He retired from Autonetics in 1988 with 33 years of service.

WALSH, DANIEL C., 90 – passed away at home on December 5, 2014 in Redlands, CA. He joined NAA in 1947 after service in the USAF as a crew chief, flight engineer and mechanic. His assignments with NAA extended to Albany, GA where he participated in the design and manufacture of the Aero Commander 112, from design to first flight in less than one year. His last assignment was in Tulsa, OK where he retired in 1987.

The Silent Majority

by Stan Guzy

COLLINS, JOE W., 84 – of Anaheim, CA, passed away on June 5, 2015. Joe joined NAA in 1956 in Procurement on the Minuteman, Apollo/Saturn and Space Shuttle programs. In 1984, he moved to Subcontract Administration and was Manager of the Avionics Section for the B-1B, C-130, OV-10 and X-31 projects. Joe retired with 41 years of service and is survived by his loving wife of 60 years, Maureen.

DOUGLAS, WARREN S., 74 – of Chino Valley, AZ, passed away on September 30, 2015. After service in the U.S. Navy, Warren joined NAA/Rockwell in 1962 as an electronics technician and rose through the technical ranks to retire from Boeing as a divisional director with 37 years of service. He was proudest of his service on the Apollo and Star Wars programs. He is survived by his wife, Marsha.

GOVEN, RICHARD C., COL. USAF (RET) – passed away in Colorado Springs, CO on September 28, 2015. After a distinguished career in the USAF, Dick retired in 1983 and, subsequently, served as Manager of Advanced Program Pricing at North American Aircraft at El Segundo, CA.

HARRIS, JOHN D., 86 – of Whittier, CA, died on November 9, 2015. John served in Quality Control at Space Division on the Apollo and PINCH programs. He then transferred to the Sabreliner Corporation and retired in 1990 with 38 years of service. He is survived by his wife, Kathel.

HOVE, MELVIN C., 77 – passed away at home in Huntington Beach, CA on November 26, 2015. Mel was a Reliability engineer at Space Division on the Apollo and Space Shuttle programs. Mel was a gentle soul who loved his God, his country, his family and his friends. He retired in 1996 with 35 years of service. He is survived by his loving wife of 56 years, Donna.

JONES, WALTER C., 91 – of Blue Jay, CA, died on October 9, 2015. After service with the Army, Walt came to LAD and served for 39 years, retiring in 1981. He was one of the early volunteers on the NAA Retirees Bulletin staff.

KIRKPATRICK, JIM – of Salinas, CA. Bulletin returned, stamped “DECEASED.”

SHUSTER, IRVING, 94 – a lifelong resident of Bexley, OH, passed away on October 9, 2015. Born in Romania, he immigrated to America in 1935. Graduating from City College of New York in 1943, he joined Curtiss-Wright as an engineer and, subsequently, NAA Columbus Division in 1950. Irving served in the Structures Lab until 1985, retiring with 35 years of service.

SMITH, HARRY C., 91 – died peacefully in Culver City, CA on September 3, 2015. Returning from the Army Air Corps as a pilot, Harry obtained his degree from Mississippi State College and joined NAA as a wind tunnel engineer. He retired in 1989 with 41 years of service. He is survived by his loving wife of 44 years Betty.

SQUIRES, RONALD A., 88 – of Yorba Linda, CA, passed away on November 16, 2015. Ron was a project planner at Autonetics. He retired in 1985 with 30 years of service. He is survived by his wife of 70 years, Shirley. She is also a NAA retiree.

THATCHER, WILLIAM E., 84 – of Fullerton, CA, passed away on November 14, 2015. Graduating from UCLA in 1954, he came to Space Division and was recognized as a computer expert when most people didn't even know what a computer was. He retired in 1990 as an Engineering Administrator. He is survived by his wife of 63 years, Barbara.

ZEPADA, JOE, 80 – passed away on September 20, 2015 in Long Beach, CA. Joe was hired by Douglas-Long Beach as a novice tool designer on the DC-8. Laid off three years later, he worked at Aerojet as a draftsman for six years. Joining NAA, he worked on Apollo, Skylab, GPS, Shuttle and other projects. Joe worked on the tiles (TPS) for the first Space Shuttle that included working at KSC. He retired from Boeing in 2001 at Palmdale.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS***BILLY J. “BJ” ADAMS – WEST HILLS, CA******JAMES ALBAUGH – SEATTLE, WA******NORMAN C. BUCHERT – MERRITT ISLAND, FL******JAMES J. DAVIS – COEUR D’ALENE, ID******JOHN H. DUN – HUNTSVILLE, AL******NORMAN PARKER – SPRING BRANCH, TX******ROBERT D. WARD – DEMING, NM***

Stan Guzy is still sidelined with medical issues and may not be back for several months. Please include him in your prayers! Also, if your address label has “December 2015” above your name, please renew your subscription now.

The Silent Majority

by Stan Guzy



MITCHELL, EDGAR D., 85 – Apollo 14 Astronaut, who became the sixth man to walk on the Moon, died at a West Palm Beach hospice on February 5, 2015. His passing coincided with the 45th Anniversary of the Apollo 14 Mission that transpired from January 31 - February 9, 1971. The descent down to the surface of the Moon was froth with doubts and

problems but Mitchell and Alan Shepard pushed on and completed the mission. Mitchell was born in 1930 in Hereford, Texas, and grew up working his father's cattle ranch in New Mexico. After service in the Navy, he obtained his Doctorate from MIT and joined NASA. Four loving daughters and a son survive him, one of his sons died previously in 2010.

BUCHERT, NORMAN C., 73 – of Merritt Island, FL, passed away on May 9, 2015. After receiving his B.S. and M.S. degrees in Electrical Engineering from the University of Florida, Norm joined NAA at KSC as an RF and Telemetry engineer working on the Apollo/Saturn Launch Vehicle Second Stage. Subsequently, he moved to the Apollo Command and Service Module organization to work on the experiments carried aboard. In 1972, he moved to Downey as a Space Shuttle integration engineer. In 1975, he returned to KSC to help design and build the Orbiter Processing Facility. Norm continued to advance in his 44-year career and retired as Director of Advanced Engineering for the Space Shuttle Program.

DIEM, HAROLD, 89 – died on August 1, 2015 after a tragic fall. Harold served in the U.S. Navy during World War II, obtained B.S. and M.S. degrees in Mechanical Engineering from UC Berkley and then joined Rocketdyne. He retired as Program Manager of Advanced Technology Programs. He is survived by his wife of 59 years, Catherine.

FLENT, JOHN B., 91 – of Carlsbad, CA passed away on December 20, 2015. John retired from LAD in 1992 with 37 years of service. At retirement, he was Supervisor of the B-1 Flight Control Simulator.

FRASER, JOSEPHINE, 95 – passed away on September 16, 2015. Josephine and her husband came to California in July 19, 1951 and were hired by NAA. Josephine retired after 23 years of service. She was very proud of her Polish heritage. She leaves an extended family.

IVEY, RICHARD E., "DICK", 88 – passed away in West Covina, CA on December 13, 2015. Dick had a 33-year career at Space Division on the Saturn, Apollo and Space Shuttle programs and retired as a Production Manager. He is survived by his wife, Nydia.

JONES, ROBERT M. – of Mission Viejo, CA. Bulletin returned, stamped "DECEASED". Robert retired from Space Division in 1990 with 31 years of service.

KNOX, ARTHUR C., 95 – died on February 5, 2016 at his home in Tustin, CA. Art graduated with a B.S. degree in Engineering from the U.S. Naval Academy in 1944 and was immediately deployed to the Pacific. Upon his return, he trained and became a Naval fighter pilot. In 1955, he resigned his commission and joined NAA as a test engineer.

Over the next 25 years, he progressed from ejection seat to the Apollo and Space Shuttle programs. He retired in 1980 and is survived by his wife, Kathleen, 8 children, 29 grandchildren and 31 great-grandchildren.

MICHAEL, RICHARD, "DICK", 85 – of La Habra, CA died on January 16, 2016. A veteran of the U.S. Army, he graduated from the University of Oregon and had a career in aerospace, his last project being the B-1 wing design. He retired from NAA in 1985 and is survived by his loving wife of 40 years, Carolee.

MILLER, WILLIS, JR., "ED", 84 – passed away from natural causes on December 4, 2015. Willis began his career on the Navaho program in Downey, later became a spec writer for GPS components at Seal Beach.

NELSON, ANTHONY L., 64 – of Draper, UT, died on July 2, 2015. Obtaining his Aeronautical Engineering degree from the Polytechnic Institute in Brooklyn, NY, Anthony joined NAA at Downey as a Structures engineer on the Space Shuttle and International Space Station. With 33 years of service, he retired to Draper, Utah. He is survived by his wife, Marie.

SIMMERMACHER, RICHARD A. – passed away in 2014. He started at NAA after earning his degree and moving to California. He went to Calcomp and, finally, to Boeing. He is survived by his wife, Margie.

SCHMIDT, JEFF, 92 – of King City, CA passed away on January 20, 2016. Jeff served at Autonetics on the Hound Dog and Minuteman programs for 34 years and retired as Chief Engineer and Vice President of Quality Control and Logistics.

STELLE, ALLAN M., "MAC", 94 – passed away peacefully in Thousand Oaks, CA. In 1950, he joined the NAA Atomic Reactor Program and retired in 1981. He became very active in the water scarcity issue; became the Director of the Los Virgenes MWD. After their five children had grown, he and his wife, Alice, parented 17 teenage foster children.

TIBERIO, LUCIO, "LOU", 86 – died at home in Canyon Lake, CA on October 8, 2015. He was an unusual aerospace engineer and was often sought after by other companies to work on special projects including NASA. He is survived by the love of his life for over 40 years, our Bulletin Staff colleague, Sonnie Robertson Tiberio.

WALSH, DONNA J., 88 – passed away at home in Hawaiian Gardens, CA on December 1, 2015. She started at LAD in 1955 and transferred to Space where she worked for several executives. She retired in 1993 with 38 years of service.

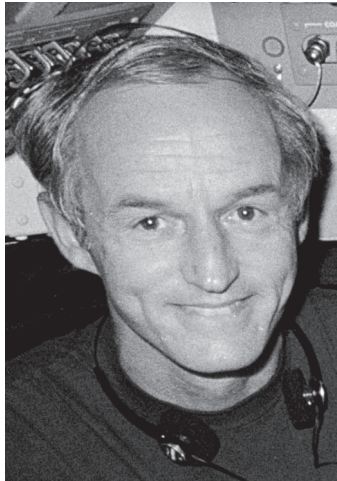
WEBB, ANITA (SCALABRINI) – a lover of the great outdoors, an avid hiker and a dedicated conservationist, Anita left this world on August 19, 2015. She retired from Space after 23 years of service. After retirement, she volunteered her services to the Salvation Army prior to moving to Citrus Heights, CA in 2003.

YOSHIDA, TAMIO, 87 – died on January 16, 2016 in Las Vegas, NV. Raised in Orange County, he earned an A.A. degree from Santa Ana Junior College, served two years in the Army, attended National Trade School and was hired at NAA/RI as a designer for 30 years. At 58, he took early retirement and lived in Duarte, CA.

The Silent Majority

by Stan Guzy

WILLIAMS, DONALD E., CAPT., U.S. NAVY, 74 – NASA Astronaut on two Space Shuttle flights, passed away February 23, 2016. He was a naval aviator, test pilot and mechanical engineer. He flew as pilot on Mission STS-51D aboard *Discovery* and as mission commander on Mission STS-35 aboard *Atlantis*. After retiring from the U.S. Navy and NASA in March 1990, he worked at Science Applications International Corporation (SAIC) as a Division Manager,



working on several national and international projects in the Houston area. He is survived by his wife and two children.

SALVAY, MELVIN E., "GENE" – died at home in Encino, CA on April 8, 2016 surrounded by his loved ones. At the age of seven, he saw Charles Lindbergh land the *Spirit of St. Louis* at the airport in Kansas City and that set off the spark that led to an illustrious career in aircraft design. Graduating from the Curtiss-Wright Technical Institute in Glendale, CA, he took additional courses at Caltech. During World War II, he joined NAA in Kansas City where he modified B-25s to specifications required by Jimmy Doolittle to perform the Tokyo Raid. His career spanned the golden age of aviation design and innovation with Gene involved, going from slide rule to computer-aided design. After retirement from Rockwell International, Gene joined the Lockheed "Skunkworks" where he worked on stealth technology. In 1970, he went to Israel where he was instrumental in the development of the Kfir jet fighter. Gene was preceded in death by his loving wife, Betty.

BECK, LESTER H., CAPT., U.S. NAVY, RET., 90 – of Tustin, CA passed away peacefully on March 31, 2016. A 34-year veteran of the Navy, Les earned the prestigious Legion of Merit and Meritorious Service medals. After retiring from the Service in 1977, he joined NAA/Rockwell and Boeing. He was a man of vibrant intellect with many interests. He was predeceased in death by his beloved wife, Pat, by three months.

BLECK, ROBERT F., 83 – of Bellflower, CA died on February 17, 2016. He was an Electronics/Telemetry engineer at Space Division on Apollo and various satellite programs. He retired in 1990 with 29 years of service. Bob is survived by his loving wife of 60 years, Nancy.

CARROLL, WAYNE H., 94 – passed away on January 30, 2016 of natural causes. Wayne joined NAA in 1962 when he moved to Anaheim, CA and retired in 1981. He is survived by his loving wife, Marjorie.

CASEY, JOHN W., 99 – passed away on February 12, 2016 in Corvallis, WA. He escaped his impoverished beginnings by joining the Marines in 1934. Volunteering for flight training, he was stationed in the Virgin Islands on hurricane patrol. Leaving the Marines, he flew for Pan Am Airways and, later, joined the Curtiss-Wright Company as a technical representative. He was reactivated at the beginning of World War II by

the Marine Corps and served in the South Pacific. Recruited by NAA as a Field Service Manager, he retired in 1968 as a vice president with 27 years of service.

EMERICH, GEORGE F., – of Fallbrook, CA. Bulletin returned, stamped "Deceased." George retired in 1982 from Autonetics with 35 years of service.

FERRYMAN, PETER R., "DUTCH", 94 – of Palos Verdes, CA passed away peacefully on February 6, 2016. During World War II, he flew 60 combat missions with the 12th Air Force in North Africa and Italy. He later flew more than 5,000 hours in 35 different military aircraft, including the P-51, P-38, P-47 and P-63. Retiring from the Air Force as a Lt. Colonel, he obtained an M.B.A. at Ohio State and took on a critical role on the Apollo and Space Shuttle programs.

FRENCHO, JOHN L., "JACK", 92 – of Columbus, OH, died peacefully in his sleep on February 25, 2016. Jack graduated from the University of Pittsburgh with a B.S. degree in Electrical Engineering after serving as a B-17 Navigator with the 324th Bomb Squadron, 91st Bomb Wing of the 8th Air Force over occupied Europe. He served at the Columbus Division for many years and retired as a Systems Research Engineering Chief. He is survived by his loving wife of 69 years, Nicki.

HARMAN, GRAYBILL B., "GRABE", 94 – passed away in Melbourne, FL on May 15, 2016. When he retired from the U.S. Navy he was a WWII flying boat pilot and a squadron commander of a P2V squadron. He joined NAA at the Columbus Division and, later, moved to Space in Downey. He then transitioned to KSC with the advanced Apollo Launch Team. After Apollo, he moved on to other contractors on the Skylab and Space Shuttle programs. He retired from Space Division in 1984 with 18 years of service.

HODGETTS, PHILIP J., – of Westminster, CA. Bulletin returned, stamped "Deceased." Philip retired from Space Division in 1983 with 31 years of service.

HOLT, ROGER M., 89 – passed away on April 28, 2015. Roger was a design engineer at Space Division. He retired in 1984 with 38 years of service.

HUBBS, ROBERT A., 80 – passed away after a ten-year battle with Parkinson's disease. Bob received his B.S. degree in physics in 1957 and went on to earn a Ph.D. in electrical engineering from Stanford University. He served for more than three decades at Autonetics where he became the Chief Scientist on important Cold War weaponry. He is survived by his wife, Carol.

JOHNSON, MARY E., 93 – of San Diego, CA passed away on July 21, 2015. Mary and her husband, David, came west to California in 1950 and both found employment at LAD. Mary served in Production Control, Planning and Engineering. Mary retired in 1980 with 30 years of service.

KNOX, ARTHUR C., 95 – died on February 5, 2016. A graduate of the U.S. Naval Academy and fighter pilot, Art resigned his commission in 1955 and joined NAA as a test engineer. Over the next 25 years, he progressed from ejection seats to the Apollo Command Module to the Space Shuttle program. He retired in 1980 and is survived by his wife of 69 years, Kathleen.

KRAVITZ, ALVIN S., "AL", 83 – passed away on December 22, 2015 in Brea, CA. After serving in the U.S. Army in Korea, he graduated with an engineering degree from Cal Poly and came to the Reliability Group at Space Division on the Hound Dog, Apollo and Space Shuttle programs. He retired in 1993 from Space Division with 29 years of service. He is survived by his loving wife, Joan.

LONG, RONALD, 79 – of Orient, OH passed away on July 29, 2015. He is survived by his loving wife of 58 years, Nancy.

MICHAEL, RICHARD, "DICK", 85 – died on January 16, 2016. Dick's career in aerospace was capped by the design of the B-1wing. He retired from NAA/Rockwell in 1985 and is survived by his wife of 40 years, Carolee.

MILLER, JOHN S., SR., 89 – of Los Angeles, CA died on December 19, 2015. He retired from the B-1 Division in 1981 with 20 years of service. He is survived by his loving wife of 67 years, Marjorie.

OGLEVIE, ROGER, 82 – of Fullerton, CA passed away on March 1, 2015. Roger retired from Space Division in 1989 with 31 years of service.

PATTERSON, GERALD E., – of Menifee, CA passed away on February 29, 2016. After 38 years of service at Autonetics, Jerry retired at age 55, purchased a motor home and spent the next 14 years touring America with his loving wife, Judy. At his passing, he was a special monitor on buses used to transport "Special Needs Children."

PRUDHOMME, BERT, 85 – of Colorado Springs, CO passed away on April 3, 2016. Bert was a Litton Radar Field Tech employee assigned to the S-II Radar Systems at NAA Seal Beach.

He was very cognizant and very proud of his participation in the NAA Space Program. Although not a member of the NAA family, he served with us in life, it is only fair that he should be included with us in the Silent Majority.

SPRATLEY, MELVIN L., 81 – died at home in Chatsworth, CA on April 4, 2016. After obtaining an M.B.A. in Engineering, Mel came to Rocketdyne on the Space Shuttle program. He retired as a manager after 30 years of service and is survived by his wife, Alice.

SZUPELLO, DOROTHY M., of Lakewood, CA. Bulletin returned, stamped "Deceased."

RAUSCH, RALPH J., 87 – of Columbus, OH passed away on September 6, 2015. After serving with the U.S. Army Air Forces' 338th Recon Squadron, Ralph earned a B.S. Engineering degree and joined the NAA Columbus Division. He retired from the Missile Systems Division Computer Lab with 30 years of service.

WATTS, WILLIAM G., 94 – of Downey, CA passed away on February 15, 2016. Bill graduated from Compton College then came to work at NAA for 40 years. He is survived by his wife of 72 years, Zane.

WILBURN, RAYMOND, JR., 85 – of Huntington Beach, CA died on April 22, 2016. He retired from Space Division in 1989 with 35 years of service.

WYATT, JOHN P., 97 – died in Torrance, CA on February 17, 2016. Joining NAA at the Columbus facility, he subsequently transferred to the Tool Design Department at LAD where he served as senior tool designer. He retired in 1981 with 38 years of service and is survived by his loving wife, Naomi.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

KELLY C. BARBERA – YORBA LINDA, CA
DONALD G. BUTCHER – MERRITT ISLAND, FL
ANSON EDWARDS – BULLHEAD CITY, AZ
WALTER E. GILMAN – WOODLAND HILLS, CA
BLANCHE P. HENKE – VISTA, CA
JOHN S. HILL – WESTMINSTER, CA
BILLIE JO "BJ" SCHELL – COCOA BEACH, FL
JACK W. SMITH – COEUR D'ALENE, ID
BILL VERSTEEG – SEQUIM, WA

***"The good life is one inspired by love and
guided by knowledge."***

— Bertrand Russell

The Silent Majority

by Stan Guzy

ACKER, OTTO G., 99 – of Columbus, OH passed away on August 13, 2016. He received his Aeronautical Engineering degree from Tri-State College in Angola, Indiana and started his career at Curtiss-Wright. He joined NAA at the Columbus Division. His assignments involved more than 40 airplane designs and working closely with the U.S. Navy included time on the aircraft carrier, USS *Independence*. He retired in 1977 with 26 years of service.

CICCHESE, JAMES J. 91 – of Agora Hills, CA passed away on July 29, 2016. Jim joined LAD in Materials in the late 1940s and retired in 1986 as Purchasing Manager of Major Subcontracts.

DEIGHT, LAWRENCE “LARRY”, 92 – passed away peacefully on July 21, 2016. He came to California in 1953 and joined the B-1 effort after earning a B.S. in engineering degree at USC. After retiring, he received several commendations for his volunteer work, especially with the Huntington Beach Police Department.

GUERTIN, LESTER J., 82 – passed away in his daughter's home in Oakland, CA on July 28, 2016. Earning a degree in Chemistry from Loyola University, Les began his career at Sunkist before transferring to NAA. He worked Apollo and Space Shuttle programs. He is fondly remembered as a gentle and generous person.

MORGAN, WALLACE, 98 – of Fullerton, CA passed away on December 2015. Wallace retired from Space Division in 1987 with 27 years of service in the L&T Laboratories. He is survived by his loving wife of 46 years, Lorraine. She was also an NAA employee when they met and fell in love.

NICKEL, WALTER R., 89 – passed away on June 30, 2016. Walter came to California in 1953 and served in the Aerospace, Autonetics and Microelectronics divisions of NAA. Walt retired

in 1986 and started his own engineering consulting firm. He will be remembered for his caring and gentle nature and his dedication to his family.

PRESCOTT, PHIL J. – the Bulletin received news that Phil Prescott of Los Altos, CA passed away on February 6, 2016. Phil retired in 1975 with 33 years of service at LAD and 2 at Space Division.

SARTAIN, JAMES, 84 – of Los Alamitos, CA passed away on August 16, 2016. After serving in the Army, Jim earned his B.S. degree from CSULB and an M.B.A. from USC. He retired from Autonetics in 1993 with 30 years of service and became a very active member of his church, St. Hedwig, in Los Alamitos, CA.

SPINNEY, VAN W., 78 – died on August 13, 2016. After serving in the Air Force, Van earned a B.S. degree from Northrop University and a M.B.S. in Engineering from CSU Fullerton in 1971. He retired from NAA with 28 years of service.

SQUIRES, RONALD A., 88 – of Yorba Linda, CA passed away on November 16, 2015. After serving in the Army, he earned advanced degrees from USC. Ronald retired in 1985 with 30 years of service and decided to return to his family homestead with his wife, Shirley. They returned to Yorba Linda, CA in 2000.

WOJTON, HENRY P., 94 – a true patriot, Henry passed away on June 1, 2016 in Titusville, FL. He served during WWII in the USAAF as a mechanic/crew chief. He joined NAA at the Columbus Division and was assigned to flight test at Eglin AFB. He reenlisted during the Korean War and, again, served as a mechanic/crew chief on the F-86. Returning to NAA at KSC, he served on the Apollo, Apollo-Soyuz, Skylab and Space Shuttle programs. He retired in 1983 with 31 years of service. Henry is survived by his loving wife of 55 years, Helene.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS***RICHARD HANSEN – SAN CLEMENTE, CA******PHILIP J. HODGETTS – WESTMINSTER, CA******BILLIE JO SCHELL – COCOA BEACH, FL******CARL R. SCHEUPLEIN – COCOA BEACH, FL******JOHN M. YOSAN – LA PALMA, CA***

***“We do not remember days,
we remember moments.”***

— Cesare Pavese

The Silent Majority

by Stan Guzy



HOOVER, ROBERT A., "BOB", 94 – of Palos Verdes Estates, CA, a world renowned pilot noted to perform amazing feats with an airplane powered on or with a "dead" stick, died on October 25, 2016. Few among Southern California's early icons of flight could duplicate his melding of Man and Machine in flight. Captured during World War II, he walked out of his abandoned camp at War's end, found a flyable German Fw 190 and flew back to his base. His many accomplishments include surviving five separate crashes. He was considered one of the best "stick and rudder" pilots in the world.



IACOBELLIS, SAM, 87 – died of a stroke on September 3, 2016 after taking a nasty fall at his vacation home in Cayucos, CA. Sam joined North American Aviation as a draftsman after receiving a degree from Cal State Fresno. He later received an M.S. degree in Engineering from UCLA. The B-1 was first ordered by President Nixon, later cancelled by President

Carter and, finally, entered production in 1981. When President Reagan ordered 100 B-1B bombers to be built as quickly as possible in response to the threats of the Soviet Union, Sam was selected to manage this huge undertaking. All 100 airplanes were delivered in six short years, only to be overshadowed by the

Northrop B-2 and the howls of Communist "peesniks." However, to this day, the B-1B still is used as the "first responder" to any crisis requiring convincing that this country still can respond to any threat against it or its Allies.

BOWMAN, CHARLES, 84 – died at Altercare in Canal Winchester, OH on August 24, 2016. Chuck graduated from Tri-State University in 1953 with a B.S. degree in Radio Engineering. He joined NAA at the Columbus Division and retired from the Palmdale facility in 1992, having worked on the T-28D Mod, T-2 Buckeye trainers and OV-10 programs.

BROWN, MARIAN L., 85 – of La Mesa, CA passed away on August 23, 2016. Marian joined NAA in 1959 where she served as secretary to Test Pilots Bob Baker and Scott Crossfield for 12 years. A splendid musician, she will be remembered as the charming hostess that arranged the many elegant yearly Quality Departmental Christmas Dinner-Dances. After departing from NAA, she successfully operated a Secretarial Service/Public Notary business for 43 years.

OGLE, TERRY D. – Bulletin returned, stamped "Deceased." Terry retired in 1988 from Space with 41 years of service.

RICHEY, RUBY I., 93 – of Harbor City, CA passed away on September 9, 2016. She retired from the Corporate Offices in 1987 with 26 years of service.

WILKERSON, HOWARD M. – note received from Sedona, AZ that Howard passed away on July 23, 2016. Howard retired from LAD in 1978 with 28 years of service.

WINNINGHOFF, VINCE, 85 – passed away in Laguna Niguel, CA on September 14, 2016. Vince retired from Autonetics in 1986 with 30 years of service as a Contracts Administrator. He was active in youth activities and served as a founding member of the Laguna Niguel Little League.

LOST SHEEP, BULLETIN RETURNED WITH NO FORWARDING ADDRESS

MAXINE S. HAUN – IRVINE, CA

BLANCHE P. HENKE – VISTA, CA

WAH D. LEE – LOS ANGELES, CA

ROBERT L. LEMONS – MERIDIAN, ID

NORMAN PARKER – SAN ANTONIO, TX

"Don't be dismayed by good-byes. A farewell is necessary before you can meet again. And meeting again, after moments or lifetimes, is certain for those who are friends."

— Richard Bach



NORTH AMERICAN AVIATION *Retirees Bulletin*

“Where The Best Never Rest”

Winter 2016

Inside:

NAA TRAINERS, ALL WINNERS by Mark Frankel and Tommy Thomason

THE THANKSGIVING DAY ATTACK ON FORMOSA by Lt. Col. Reagan Schaupp

THE LAST FLIGHT OF ELWYN G. RIGHETTI by Jay Stout

MY FIRST COMBAT MISSION by Capt. Ron Lissner

A P-51 MUSTANG SHOT DOWN A C-47 by Col. Kenneth Tollefson

DEAR READERS OF THE NAA RETIREES BULLETIN by Michel Juif



“A Big Victory” printed with permission of the Artist

The largest aircraft to participate in combat during World War II, the Blohm & Voss BV 238 flying boat was powered by six Daimler-Benz V12 piston engines and featured a wingspan of nearly 200 feet. Moored at Schaalsee Lake in Germany, the enormous aircraft was spotted by Major Urban “Ben” Drew, while flying his P-51 Mustang, “Detroit Miss” along with two other pilots from the 375th Fighter Squadron, at which time they attacked and destroyed the aircraft. Prolific aviation artist Stan Stokes captures the initial moment of the attack in his striking painting, “A Big Victory.”