

Robert W. "Bob" Kennedy
Pensacola Pre-Flight Class 15-48

I was very surprised (and pleased) to find myself on your outstanding FM list by virtue of flag rank in another service. I have stayed in contact with Owen Dykema, also 15-49, over the years and Tex Atkinson, ??-48 is my brother-in-law. I am married to my Navy sweetheart, Mary Sabra Sanchez, of Pensacola so we have had many Pensacola vacations and have more than 100 relatives in the area. Thus we have maintained some ties to the Pensacola Navy and one son in law, LCDR Brian Hicks has been in Naval Aviation maintenance for 17 years. That covers most of my U. S. Naval Aviation experience since 1950! I doubt that this will compare to the other 23 gentlemen on the list so I will send you what I have on the rest of my life.

I have attached my last official USAF biography and my most detailed consultants resume which outlines most of the relevant activities. I will include some other experiences which I enjoyed.

Prior to joining the USN I worked during my high school/college summer vacations as a seal blubberer for the Fouke Fur Company in St. Paul Island (Pribilof Group) Alaska. I worked the 1946, 1947 expeditions and obtained USN V-5 approval for the 1948 expedition. We shipped out of Seattle on 85-115 foot cargo ships up the inland passage to Juneau, across the Gulf of Alaska to Dutch Harbor and north through the Bering sea to the Pribilofs. It was a wonderful adventure for a 16, 17, 18 year old boy. It was pretty rough and tumble and not ideal training for an officer and a gentleman.

As a brand new 2/LT in F-86 Combat Training, Nellis AFB Nevada, I participated in an air to air combat training course designed by the MiG aces. They selected 3 LT/COLs and 3 2/LTs and placed us in the 3525th Sq. which trained the F-86 Fighter Instructor Pilots for the USAF. We flew only air to air gunnery and air combat tactics missions with the MiG Aces and after 4 months they teamed us and sent us to the 51st FIG or 4th FIG in Korea. I envisioned rapid spot promotions to 1/LT (10 missions), and Captain or even Major as we became Aces and double Aces returning home with 100 missions in 5 months and a dozen or more MiGs. The LT/COLs flew 2-3 missions before the war ended and the 2/LTs only flew the orientation hops. We had some exciting patrols during the 12 month tour but I returned to Eglin AFB as a 2/LT. The thrill of the F-86 and the experience however never wore off and I was hooked for life.

In Korea I was assigned to the 39FIS D Flight. Captain McConnell (12-13 MiGs) had been the Flight Commander and Major John Glenn USMC (3 MiGs) was the Marine Exchange Officer. Major Jack Bolt USMC (5 MiGs) was the Flight Commander for my first 3 months. When he rotated we all eagerly awaited our new USMC leader. He came into our hut in the late evening carrying all of his gear and we all scurried to help him. He turned and looked at us to size us up. When his eyes fell on me he uttered, "Kennedy," in a distinctly unpleasant way. It was Major Erskine B. Crew USMC, my former Marine TAC officer in USN Pre-Flight. He had good reason to remember. Through some strange set of circumstances, all of them under my ill-conceived control, I was awarded the maximum number of demerits (50) that you were allowed in Pre-Flight in my first week of Pre-Flight. Captain Erskine B. Crew advised me that he was going to monitor my behavior like a hawk and that I likely would never make it through Pre-Flight. I was restricted the entire time and walked tours through the last week and he really did watch me like a hawk. I never received another single demerit and he congratulated me at the graduation. I had my first liberty on graduation day. He was a wonderful Flight Commander and I was proud to serve under him in Korea.

I am still working as a consultant with the Aerospace companies and have had the privilege of consulting with the industry leaders on the F-22 avionics, F/A-18E/F, JAST avionics, JPATS, C-17, and more than 150 other contracts for the past 11 years. I have been involved with aircraft, satellite interceptors, ballistic missile interceptors, space and airborne sensors, ground electronic and C4I systems, as an operator, engineer and logistician. I work with a group of about 80 USAF and USN Flag Officers and we form small teams tailored to each task. (Our Navy Admirals arranged to take us out on carriers to observe carrier air operations for a few days before we worked on the carrier aircraft). I love what we do and will probably continue until we drop. None of this would have been possible had I not received my start with the USN V-5 program and I will be eternally grateful.



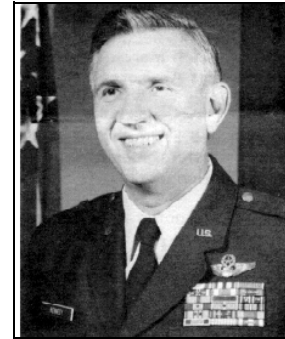
Biography

United States Air Force

Secretary of the Air Force, Office of Public Affairs, Washington, D.C. 20330

BRIGADIER GENERAL ROBERT W. KENNEDY

Brigadier General Robert W. Kennedy is the director of electromagnetic combat in the Office of the Deputy Chief of Staff, Operations, Plans and Readiness, Headquarters U. S. Air Force, Washington, D.C.



General Kennedy was born Dec. 22, 1929, in St. Louis. He entered the U. S. Navy V-5 program in September 1947. Prior to his assignment at Pensacola Naval Air Station, Fla., he attended James Millikin University, Decatur, Ill., and Washington University, St. Louis. He later earned a Bachelor of Science degree from Oklahoma State University, Stillwater, a Master of Science degree in electrical engineering, guidance and control from the Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio; and a Master of Business Administration degree from Auburn (Ala.) University. General Kennedy is a graduate of the Squadron Officer School and the Air War College, both located at Maxwell Air Force Base, Ala.

He was discharged from the Navy in July 1950 and entered the Air Force Aviation Cadet program in January 1952, earning his wings and commission at Laredo Air Force Base, Texas, in February 1953. Following combat crew training at Nellis Air Force Base, Nev., General Kennedy was assigned to the 51st Fighter-Interceptor Wing, Suwon Air Base, South Korea, as an F-86 pilot from July 1953 to June 1954. Upon returning to the United States, he served with the Air Proving Ground Command, Eglin Air Force Base, Fla., as a line pilot, T-33 instructor and assistant operations officer.

From January 1959 to July 1962, he was a Communications-Electronics Staff Officer, Headquarters United States Air Forces in Europe, at Ramstein and Wiesbaden Air Bases, Germany.

He received a regular commission in August 1962 while a resident student at the Air Force Institute of Technology. From May 1964 until December 1966, he was assigned to the Air Force Avionics Laboratory at Wright-Patterson Air Force Base as satellite interceptor project Manager. In January 1967 he

received F-105 training at McConnell Air Force Base, Kan., and was subsequently assigned to the 355th Tactical Fighter Wing at Takhli Royal Thai Air Force Base, Thailand. He flew 100 combat missions over North Vietnam from July 1967 to March 1968.

General Kennedy then returned to the Avionics Laboratory at Wright-Patterson Air Force Base where he managed a program that developed and demonstrated night sensors, look-down radars and new fire control techniques. Later he was designated Chief of the Application Branch and assumed additional responsibilities for the development and test of missile and bomb guidance modules, and a family of standardized inertial navigation systems.

He attended the Air War College from August 1970 to July 1971 and concurrently earned a Master of Business Administration degree from Auburn University. For the next three years General Kennedy was assigned in the Office of the Deputy Chief of Staff, Research and Development, at Air Force headquarters. He served in the Aeronautical Systems Division as chief of the Aircraft Subsystems Branch and later as Deputy Division Chief. His last year on the Air Staff was spent as a member of the Air Force Chief of Staff's, Six-Man Group at Maxwell Air Force Base, Ala.

General Kennedy returned to Wright-Patterson Air Force Base to serve as Air Force Logistics Command's Assistant Deputy Chief of staff for acquisition logistics from April 1975 until July 1976, when he became the Deputy for Acquisition Programs, Air Force Acquisition Logistics Division. From March 1978 to May 1979, he was the Assistant for Logistics Management Systems, Headquarters Air Force Logistics Command. He assumed his present position in May 1979.

General Kennedy is a command pilot. His military decorations and awards include the Distinguished Service Medal, Silver Star, Legion of Merit, Distinguished Flying Cross with three oak leaf clusters, Meritorious Service Medal, Air Medal with 11 oak leaf clusters and the Air Force Commendation Medal. He was promoted to Brigadier General Aug. 1, 1977, with date of rank July 16, 1977.

General Kennedy is married to the former Sabra Sanchez of Pensacola, Fla. They have three children: Mary Kellie, Kevin and Katherine Martina.

Personal History

CONSULTANT

System Evaluation Division
National and International Security Affairs; Military Strategy;
Electronic Combat; C3, Aircraft and Space Systems Analysis;
Acquisition Management and Organization

EMPLOYMENT

- 1985- Present Consultant: Past and Present Clients include: Institute for Defense Analyses; Jay Sculley, Assistant Secretary of the Army for R&D; Burdeshaw; TASC; Westar Engineering Support Center; Slay Enterprises, Inc.; H. Mark Grove Assoc.
- 1983-85 PRIDE of Florida, Vice President Operations
- 1981-83 Honeywell Military Avionics Operation, Location Manager and Director of Programs
- 1980-81 The Analytical Sciences Corporation (TASC), National Security Studies, Manager

MILITARY SERVICE/EXPERIENCE

- 1947-50 U.S. Navy, V-5 Program
- 1952-80 USAF, F-86 Fighter Pilot, Korea; T-33 Instructor Pilot, Line Pilot, Operations Officer, Air Proving Ground Command, Eglin AFB; Communications Officer, USAF Europe; Astronautical Engineer, Program Manager Advanced Development Programs Air Force Avionics Lab; F-105 Fighter Pilot, Operations Officer, Thailand; R&D Staff Officer DCS/R&A HQ USAF; CSAF Think Tank; Director Acquisition Logistics; Director Logistics Management Systems, AFLC; Director Electronic Combat DCS Operations, HQ USAF
- 1963-66 Astronautical Engineer; Air Force Avionics Satellite Intercept Project Engineer, Satellite Rendezvous and Inspection Project Engineer, Mid-Course Ballistic Missile Interceptor: Guidance, Control and Discrimination Study
- 1968-70 Program Manager Advanced Development Programs, Air Force Avionics Lab. Developed and demonstrated LLLTV, LWIR and

Imaging Laser Night Sensors, Look-Down Fire Control Radar and Air-to-Air Missile Guidance seekers, Electronically Scanned

Phased Array Radar Flight Test Bed, Hotline Gun Sight, Close Air Support Bombing System, Bomb in a Bank Bombing System Digital Avionic Information System Initial Architecture; Numerous design studies for air-to-ground missile seekers and correlation guidance; Developed Electronically Suspended Gyro Brassboard Inertial Nav System

- 1974 CSAF Think Tank for future concepts and strategies reporting directory to CSAF
- 1975-78 Formed and organized acquisition logistics group within Air Force Logistics Command. Design to minimize Life Cycle Costs, Exploit logistics lessons-learned. Supervised Logisticians within all major USAF aircraft, space, and electronic weapon system program offices and divisions from concept development through initial production phase. Provided Acquisition Logistics support for the NASA STS
- 1978-79 Formed and organized program office reporting directly to Vice Commander AFLC to restructure, modernize and obtain Congressional approval of Logistics Management Information System Acquisition Plan for managing USAF AFLC and Foreign Military Sales logistics resources
- 1979-80 Formed and organized first USAF Directorate of Electronic Combat within the Air Staff. Prepared and commenced implementation of the initial USAF Electronic Combat Action Plan to provide operational focus on C3 Countermeasures, Signals Intelligence, Defense Suppression, Electronic Warfare and emphasis on electronic and operational protection of USAF Electronic Combat resources.

EDUCATION

Oklahoma State University, B.S.E.E., Comm-Electronics, 1959; Air Force Institute of Technology, M.S.E.E., Guidance and Control, 1964; Auburn University, MBA, 1971; Air War College, 1971

OPEN PUBLICATIONS

Co-author, "A Broadened Perspective on Deterrence," *Air University Review*, May-June, 1975

LIMITED DISTRIBUTION PUBLICATIONS

Author, "An Autopilot to Obtain Zero or Moon Gravity Parabolas in C-135 Aircraft," MSEE Thesis, Air Force Institute of Technology, 1964

Author, "The Spectral and Spatial Characteristics of the Radar-Cross Section of Two Satellites," AFAL TR-66-17, March 1966

Author, "Long Wavelength Infrared Discrimination Techniques," Avionics Lab Tech Report, SECRET, December 1966

Author, "Electro-Optical Sensors for Precision Weapon Delivery," part of the USAF Precision Weapon Delivery Plan, SECRET, 1968

Author, "Toward a Quantitative Technology Base for Conventional Air-to-Ground Weapon Delivery," Study for the Air War College, May 1971

Author, "Tactical Air 1980," Study for Air War College, December 1970

Author, "Proposal for Ballistic Missile Defense," Study for the CSAF, SECRET, July 1974

Author, "Thoughts Following the National Security Affairs Symposium National War College, November 1974," Prepared for Ambassador Ellsworth, Office of the Secretary of Defense, International Security Assistance, December 1974

Co-author, "Consolidation of CSAF/RD and HQ AFSC Selected Staff Functions," Study for the CSAF, December 1974

Author, "Toward Development and Acquisition Product Centers," Study for the CSAF, March 1975

Co-author, "Electronic Combat Action Plan," AF/XOE Initial Plan for Electronic Combat for the USAF, June 1980

Co-author, "Capability of the United States to Mobilize," TASC study for the FEMA/NSC Staff, SECRET, March 1981

Co-author, "Capability of NATO to Mobilize," TASC study for the FENM/NSC staff, SECRET, March 1981

Co-author, "Comparative Capabilities of NATO and the Warsaw Pact to Mobilize," TASC study for the FEMA/NSC staff, TOP SECRET, August 1981

Co-author, "Survivability of the Presidency," TASC study for the NSC staff, TOP SECRET, July 1981

Co-author, "Industrial Preparedness," TASC study for the OSD staff, September 1981

Co-author, IDA Paper P-2362, "Warsaw Treaty Organization Unilateral Force Reductions: The Baseline for CFE Negotiations," SECRET, October 1988

Co-author, IDA Report R-337, "Assessment of the B-1B Aircraft to Penetrate Enemy Air Defense," Vols. 1 and 2, SECRET, December 1988

Co-author, IDA Paper P-2258, "Operational Employment of the Joint Tactical Information Distribution System (JTIDS)," October 1989

Co-author, IDA Paper P-2420, "Strategic Bomber Aerial Refueling Model: Description and User's Guide," May 1990

Co-author, IDA Paper P-2424, "Strategic Bomber Pre-launch Survivability Model: Description and User's Guide," July 1990

Co-author, IDA Paper P-2480, "Computer Aids for JTIDS Joint Network Design and Management," October 1990

Co-author, IDA Document D-862, "Review of JTIDS OT&E for Navy Applications," SECRET, Working Paper, 1991

