



Hawaii in 1945 with two FV(N) buddies. LTJG Wally Roland on the left, Julian Lake in center, and ENS Les Ensign on the right.

Julian S. Lake, Rear Admiral, USN (Ret.)
 “Julian”

Date of Designation: 10 April 1944

Dates of Active Duty: 3 October 1942 - 1 September 1976

Total Flight Hours: 7,780 hours flight time in 69 different aircraft models.

Carrier/Ship Landings: Fixed wing: 751

Combat Tours:

- WW II: VFN-91, Strike on I-Shima, NCAP over TF-38.
- Korea: OinC, VFN Detachment, USS *Boxer*, Korea West Coast, Jun. - Dec. 1950.
- Korea: OinC, VFN Det, USS *Essex*, Korea East Coast, Jun. - Dec. 1951.
- Vietnam: CO, USS *Hassayampa*, Aug. 1967 - Sep. 1968

Aviation Commands:

- CO, VF-74, Jun. 1960 - Dec. 1962
- CAG-8, Jul. 1963 - Mar. 1964
- CO, USS *Hassayampa* (AO-145), Aug. 1967 - Sep. 1968
- CO, USS *John F. Kennedy* (CVA-67), Sep 1968 - Oct. 1969.
- Commander, NAVLEX, Jul. 1975 - Aug. 1976

Combat Awards:

- 3 Air Medals (WW II)
- Bronze Star (Vietnam)
- Navy Commendation Medal (Korea)

Duty Assignment Chronology

- 10/42 Joined the Navy.
- 4/44 Commissioned Ensign USNR and designated Naval Aviator.
- 4/44 VF Operational Training, FM-2, Sanford, FL.
VFN Operational Training, F6F-5N, NAS Vero Beach, FL.
- 1/45 VFN-91 (F6F-5N), NAS Charleston, RI.
Deployed to NAS Barbers Point, HI. Jan. 1945.
Embarked in USS *Bon Homme Richard* (CV-31),



- May 1945. Strike on I-Shima. Flew CAP over surrender ceremonies. Awarded Air Medal.
- 12/45 NACTU LANT, NAS Key West, FL. (F6F-5N, F7F-1, TBF, SNB).
- 7/46 VFN Det, USS *Randolph*, Mediterranean.
- 1/47 VFN Det, USS *F. D. Roosevelt*, Caribbean.
- 7/47 PNS&T, University of Missouri, Columbia, MO.
- 7/48 Naval Line School, Newport, RI.
- 7/49 VC-4 (F4U-5N, F6F-5N), NAS Atlantic City, NJ. Deployed VFN Det, USS *Midway*, Mediterranean, Jan 1950. Deployed VFN Det, USS *Boxer*, Korea, Jun. 1950.
- 12/51 VC-3 (F4U-5N, F3D-1), NAS Moffett Field.
- 4/52 Deployed, OinC VFN Det, USS *Essex*, Korea. Awarded Navy Commendation Medal.
- 1/53 NATC Patuxent River, MD. TPS Class #9. Assigned Tactical Test and later Service Test. Major Projects: F2H-3/APG-41, F2H-4/E-4 Radar Eval., Counter Pointer Altimeter, 5” Attitude Indicator, 3 Mini-flight instruments, Flight Characteristics in Turbulent Air (thunderstorms) of new model aircraft (FJ-3, F9F-8, F7U-3), and TACAN Instrument Flight Procedures.
- 4/55 USAF Training Command, Moody AFB, GA. Interceptor Weapons Instructor School and later as OinC, R&D Section. Published IWS Newsletter, Instructed in F-89D & F-94C, T-33 for target towing and B-25 for cross country. Participated in development of towed targets, tow reels, target launching procedures and scoring systems for 2.75” rockets. Awarded USAF Commendation Medal.
- 8/56 VF-101 (F2H-2 transition to F4D-1), NAS Cecil Field, FL. Taught lead collision intercepts with 2.75” rockets. Developed a scope camera, DART tow reels, DELMAR target system installation on the F4D-1 and a radar/ camera scoring system. Initiated live rocket firing at 50,000 feet for F4D squadrons. Deployed in USS *Saratoga* on STRIKEBACK and in USS *Forrestal* for extended fleet exercises. (- Continued -)

- 1/58 COMNAVAIRLANT, VF Training Officer. Drafted initial NATOPS procedures for F4D aircraft. Developed revised fleet competitive exercises for VF squadrons. Assisted in organizing annual Fleet Gunnery Meet at NAS El Centro, CA. Flew the aircraft assigned to LANT VF squadrons. Assigned responsibility of equipping two F4D and two F3H squadrons with special electronic warfare equipment for the upcoming "WEXVAL II" to defend USS *Forrestal* in attacks by USAF SAC B-47's at night and with heavy use of ECM. The program was on a crash basis for both the equipment and training. Squadron pilots knew nothing about ECM. The exercise was successful, the Navy won! (I was in War College). BUWEPS pulled all of the ECCM fixes at the end of WEXVAL.
- 7/59 U. S. Naval War College, Newport, RI. (Naval Warfare Course). Maintained currency in high performance aircraft at Raytheon Flight Facility at Hascom AFB, Bedford, Mass., in F4D and F3H flying radar test flights. Flew rear seat in the F4H-1. Attended Ground School in St. Louis, MO., over the Xmas holidays and flew F4H as pilot in Feb.1960.
- 6/60 CO, VF-74, NAS Oceana, VA. Further reported to OinC, VF-101 Det A, for transition from F4D's to the F4H Phantom II. OinC of Project "LANA" (50th Anniversary of Naval Aviation), a 5 F4H Bendix race from Los Angeles, CA., to NAS Floyd Bennett, NY. We verified the MacDonald engineer's flight plan, worked up in-flight refueling rendezvous and procedures with the supporting A3D tankers and flew practice profiles. The race successfully broke the transcontinental record by the three aircraft that finished. There were several close calls but no incidents. Award: Air Medal. Directed Project Highspeed, a direct comparison of the Navy F4H and the Air Force F-106. There was heavy emphasis on EW and ECM (SAC again). EW still not generally understood in the Navy. With help of a brilliant NAVAIR Engineer, Mr. Bob Golding, we managed to assemble all of the Navy's ECM jamming assets at NAS Oceana for training. Devised tactics and procedures for training (i.e. scope camera, ready room film processor, long wire towed targets for Sidewinder and Sparrow missile firing in the VACAPES Op area. Finally developed an ECCM suit for the otherwise defenseless F4H, which gave us a fighting chance against the well designed F-106. The F4H's kept the ECCM fixes. Completed first F4H day/night CARQUALS.
- 11/61 TAD, CARDIV FOUR to develop comprehensive briefing on electronic warfare (ESM, ECM, ECCM). Made extended road tour to many audiences. Made a few believers and many passed the final test: "How do you spell EW?"
- 1/62 RCVG-4 for check-out/refresher in F8U, A4D, A3B and AD-1 including CARQUALS.
- 7/62 Reported as Commander, CAG-8, USS *Forrestal* in Mediterranean. In addition to normal ops, developed ZIPLIP. Initiated two training missions for day VFR recoveries, initiated low-level (200 ft) flight refueling for LO-LO-LO missions. Integrated AD-4Q EW "Spads" into air wing ops. Required A3D's to carry ECM equipment. As a result of our beat up in strikes against French and Spanish air defense, started targeting radar sites as the initial targets by VF & VA vectored by AD-4Q aircraft with understanding that radars ceased reporting after first flyover. Developed radar homing capability for A4D aircraft which eventually became the APR-24 radar warning system. Led Navy contingent of 24 F4H in JFK funeral flyover.
- 3/64 XO, USS *Saratoga*, Mayport, FL. Installed the "JANUS" ELINT receiver (with Mr Bob Golding). This permitted radar going passive on a 5:1 ratio.
- 4/65 OPNAV (OP-352) in anticipation that EW was going to play a major role in upcoming Vietnam war, began daily NRL/OSD/NAVAIR/NAVINT skull sessions on FANSONG radar & GUIDELINE missile. Started Project SHOEHORN installation of ECM equipment in Navy aircraft
- 6/67 Completed BA in International Affairs, GWU.
- 8/67 CO, USS *Hassayampa* (AO-145). Completed 1 and 1/2 deployments to Vietnam. Award: Bronze Star.
- 9/68 CO, USS *John F. Kennedy* (CVA-67). Installed borrowed ASW sonobouy tracking and readout equipment (with Bob Golding's help). Deployed sonobuoys from helos off JFK. Detected sub tracking JFK from astern. Reported contact to SIXTHFLT. Five hours later a Soviet DD who had detached around 2100 came barreling into our formation and took station 1,000 yards astern JFK. After 10 minutes of underwater communication, he charged off and soon afterwards we lost contact with the sub. SIXTHFLT was interested, the SUBRON Commander aghast and NAVSEA outraged. After a stormy meeting the NAVSEA Rep left with the equipment.
- 10/69 Reported to CHNAVMAT as PM-7 REWSON. Lowest Short Stop EW suite from '66, now over engineered, over cost behind schedule EW White Elephant. It was canceled after OPEVAL (\$100M in R&D). Initial production contracts for WLR-8 EW Receiver and SLO-17 ECM set were let. Evaluated alternatives for EW suite for DD-963 class.
- 3/73 Vice Commander, NAVELEX. Major projects: ELF Comm tower at Annapolis, Lualualei VLF "Omega" Nav System, WLR-6 "Sea Nymph" SSN SIGINT system. Became Director of Joint EW Test to compare Navy/USAF EW tactics & equipment.
- 7/75 Commander, NAVELEX. Major projects: "High Boy" U-2 integrated sensor development, "Outlaw Hawk" CV Integrated Sensor Demo. Appointed Director ACEVAL/AIMVAL joint test to evaluate Navy/USAF large expensive fighters when faced with cheaper unsophisticated fighters and USN/USAF missile concepts. Awarded DSM.
- 9/76 Retired from active duty.