



REACHING HIGHER

Test and Evaluation Squadron Twenty Three

Mission

NAVAIR's largest flight test organization, VX-23's mission is to ensure that the United States Navy and Marine Corps are equipped with safe, efficient, and effective tactical aircraft, unmanned aircraft systems, and weapons. VX-23 supports the research, development, test, and evaluation (RDT&E) of 11 different types, models, and series of fixed wing strike, electronic attack, and strike training aircraft. The men and women of VX-23 evaluate aircraft flying qualities and performance, assess shipboard suitability, test propulsion systems, conduct tactical aircraft mission system testing, assess ordnance compatibility and ballistic characteristics, determine reliability and maintainability, perform flight fidelity simulation, and ensure that flight control software is fully developed.

In addition to conducting operations on ashore and aboard ship, VX-23 operates and maintains the TC-7 catapult and MK-7 arresting gear test sites at NAS Patuxent River, and is the sole unit in the Navy responsible for the certification of nuclear aircraft carrier and amphibious assault ship flight decks, as well as precision approach landing systems.

Aircraft

- F/A-18A-D Hornet
- F/A-18E/F Super Hornet
- EA-18G Growler
- T-45A/C Goshawk
- F-35B/C Lighting II
- MQ-25 Stingray

Vital Statistics

- Over 3,000 flight operations annually
- Approximately 4,400 flight hours annually
- Supported 61 projects and 21 detachments in 2019
- Over 500 officers, enlisted, contractors and civil service personnel supported by hundreds of NAVAIR and contractor flight test engineers



VX-23
"SALTY DOGS"



VX-23

Recent Accomplishments

- Conducted evaluations of the precision approach landing systems on six aircraft carriers and four amphibious assault ships.
- Conducted evaluation of the joint precision approach landing system on USS Dwight D. Eisenhower (CVN-69).
- Conducted trials of the Electromagnetic Aircraft Launch System (EMALS), high cycle testing and compact swaging on the Advanced Arresting Gear (AAG) system, and flex mode carrier suitability testing at Joint Base Lakehurst.
- Provided support for Next Generation Jammer (NJG) testing on USS Thomas Hudner (DDG-116).
- Participated in the acceptance trials of USS Tripoli (LHA-7).
- Conducted KC-46 E/F receiver certification and Wing Aerial Refueling Pod (WARP) testing at Edwards AFB.



Naval Test Wing Atlantic provides developmental flight and ground testing for the Naval Air Warfare Center Aircraft Division, the Navy's largest warfare center.

