

AFSC 11E4*, Staff
 AFSC 11E3*, Aircraft Commander
 AFSC 11E1*, Entry/Student

EXPERIMENTAL TEST PILOT (Changed 30 Apr 17)

1. Specialty Summary. Plans, conducts, directs, and reports on flight test programs associated with the design, development, and modification of aircraft, aerospace vehicles, flight simulators, and related systems. Related DoD Occupational Group: 220200.

2. Duties and Responsibilities:

- 2.1. Plans and conducts flight test activities. Formulates test procedures and conducts tests to evaluate structural integrity, performance, handling characteristics, reliability, and suitability of aircraft and systems.
- 2.2. Manages research, test and evaluation projects, and programs. Integrates test objectives, organizes and directs test forces, and supervises flight operations.
- 2.3. Identifies design and operational deficiencies and recommends improvements. Prepares technical reports and recommendations for design improvements.
- 2.4. Develops plans and policies, monitors operations, and advises commanders. Assists commanders and performs staff functions related to this specialty.

3. Specialty Qualifications:

- 3.1. Knowledge. Knowledge is mandatory of aircraft performance and handling fundamentals, operational employment concepts, and flight test procedures.
- 3.2. Education. For entry into this specialty, an undergraduate degree specializing in physical sciences, mathematics, or engineering is mandatory.
- 3.3. Training. The following training is mandatory as indicated:
 - 3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Pilot Training (SUPT).
 - 3.3.2. For award of AFSC 11E3X, completion of the Air Force Test Pilot School, Experimental Test Pilot Course, or equivalent US Navy or foreign test pilot school is mandatory.
- 3.4. Experience. For upgrade to AFSC 11E3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
- 3.5. Other. The following are mandatory as indicated:
 - 3.5.1. For award and retention of this AFSC, current aeronautical rating and qualification for aviation service as pilot.
 - 3.5.2. For award of AFSC 11E3X, certification of aircraft commander qualification by appropriate operations authority.
 - 3.5.3. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 11EXX, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.

NOTE: Award of the entry level AFSC is authorized provided a minimum of an interim Top Secret security clearance has been granted IAW instructions, supporting policies and guidance and commander approval

4. *Specialty Shredouts:

<i>Suffix</i>	<i>Portion of AFS to Which Related</i>
A	Airlift/Tanker/Bomber
B	Fighter
C	Helicopter/VSTOL
D	Airlift
E	Tanker
F	Bomber
G	RPA
Q	Mission Support (T-38, etc.)
Y	General
Z	Other