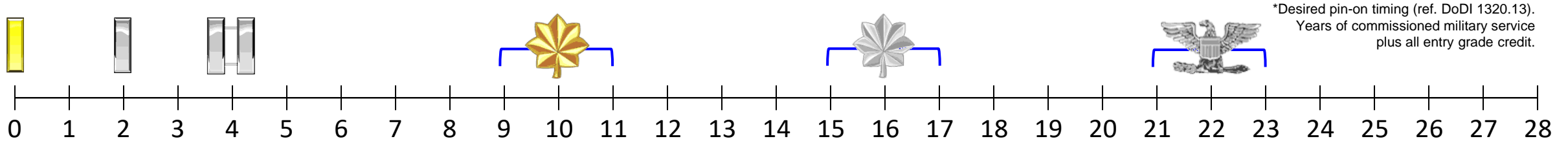




Developmental Engineer (62E) Career Progression



Functional Area Experiences (CGO):

- ❖ Program Office, Agency, Lab, Center, Test
- ❖ Lead Scientist/Engineer, Test Manager, Mission Manager
- ❖ Breadth of experiences in multiple domains

Formal Education/Training:

- ❖ Initial/Advanced Skills Training
- ❖ APDP – STM/EN/Test Level I & II
- ❖ O-3 PME (PDE): Squadron Officer School

Special Experiences:

- ❖ Career Broadening: EWI, OPEX, SPEED
- ❖ Innovation: AFWERX, DIU, Kessel Run, Kobayashi Maru/SpaceCAMP, LevelUp
- ❖ Instructor: PME, ROTC, OTS, USAFA, AFIT
- ❖ Flight Test Engineer (TPS)
- ❖ Executive Officer
- ❖ Deployment, Air Advisor, ABDAR
- ❖ AFPC Assignment Officer

Functional Area Experiences (FGO):

- ❖ Air Staff, MAJCOM Staff, Center Staff
- ❖ Program Office, Agency, Center, Lab
- ❖ Materiel Leader, Sq/CC, DCMA/CC, Det/CC, DO, ADO, Chief Engineer, Branch Chief, PEM
- ❖ Tend towards more depth in desired domain

Formal Education/Training:

- ❖ O-4 PME (IDE): ACSC/equiv (DL or residence)
- ❖ O-5 PME (SDE): AWC/equiv (DL or residence)
- ❖ APDP - STM/EN/Test/PM Level II & III

Special Experiences:

- ❖ Joint Staff
- ❖ Instructor: PME, ROTC, OTS, USAFA, AFIT
- ❖ Recruiting & Training/CC
- ❖ Executive Officer
- ❖ Deployment, Air Advisor, ABDAR
- ❖ AFPC Assignment Officer

Functional Area Experiences (O-6):

- ❖ Air Staff, Program Office, Agency, Center, Lab
- ❖ Senior Materiel Leader, Chief Engineer, Chief Developmental Tester, DCMA/CC, Gp/CC
- ❖ CV, Director, Dep Director, Division Chief, Dep Division Chief

Formal Education/Training:

- ❖ Advanced Academic Degree (MS or PhD)
- ❖ APDP - STM/EN/Test/PM Level III

Special Experiences:

- ❖ Joint Staff
- ❖ Deployment

Formal Instructor & Recruiting Duty:

- ❖ Career broadening tour target is typically the 2nd or 3rd assignment. Instructor and recruiting tour target is between promotion milestones.

62E – Developmental Engineer Officer Career Development Guidance

AFSC Description: Developmental Engineers plan, organize, manage, and implement system engineering processes, assuring delivery of required capabilities over the life cycle of Air Force Systems. 62E Developmental Engineers, along with 63A Acquisition Managers, manage technology and acquisition programs of any phase or size across the acquisition enterprise.

Brief Developmental History: Minimal changes occurred to the management of 62E Developmental Engineer officers over the past decade.

Prior to Major: 62E CGOs develop experience throughout the acquisition lifecycle in support of an array of mission requirements across the Air Force enterprise. In addition to developing expertise and gaining mission relevant education, junior officers often career broaden into intelligence, logistics, space, cyberspace, and personnel positions through various operational experience programs. These programs include the Operational Experience program in their initial tour or the Special Experience Exchange Duty programs in their second or third tour. A select few Developmental Engineers become Flight Test Engineers through completion of Test Pilot School. 62E CGOs are also expected to have Level I or Level II Defense Acquisition Workforce Improvement Act certifications, likely in Science and Technology Management, Engineering, or Test and Evaluation.

Prior to Lieutenant Colonel: 62Es should be technically-competent leaders in their mission areas. Some fill 63A Acquisition Manager positions across the various acquisition organizations. Additionally, a portion of officers serve as instructors at the United States Air Force Academy or the Air Force Institute of Technology either for a single tour or as part of the permanent professor faculty. 62Es are also expected to have Level II or Level III Defense Acquisition Workforce Improvement Act certifications, likely in Science and Technology Management, Engineering, Test and Evaluation, or Program Management.

Prior to Colonel: 62Es fill Materiel Leader or Command positions within each of the acquisition functional areas and/or serve in key technical or acquisition staff positions, often within SAF/AQ.

Career Broadening Expectations:

- Career broadening tour target timeframe is typically the second or third assignment, including instructor and recruiting special duty.
- Most officers will not spend more than one assignment outside of the Force Modernization Air Force Specialty Codes unless selected for special career broadening programs.