

Military Competency

Review of Certification Standards

Presented to: Orlando DPE's

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Federal Aviation
Administration



Overview

- References / Regulatory recap
- Standard documents
- AKT's
- Special case: Powered Lift
- Avoiding “Over-certification”
- Multi-Engine Center Thrust considerations
- Type Rating special case considerations
- CFI functions based on mil comp
 - Add-on ratings
 - Renewals



References & Regulatory Recap

- **61.73 (Mil Comp program)**
 - Extremely generous regulation!
- **61.197(a)(2)(iv) (CFI renewal via Mil Comp)**
- **8900.1, Vol 5, Chap 1, Sec 4 (CL thrust)**
- **8900.1, Vol 5, Ch 2, Sec 15 (MC Cert Proc's)**
- **8900.2, Chap 7, Sec 19, Para 121 (CFI's)**
- **8900.2, Chap 7, Sec 20, Para 126 (Pilots)**
- **8080.6G (Airman Knowledge Tests)**
- **SFAR 100-2 (Relief for deployed CFI's)**
 - Extends to expired AKT's as well

Std. support documents

- **Military aviator's training file**
 - Navy & Marines: “NATOPS Training Jacket”
 - Army: “CAFRS” (Consolid'd Av'rs' Flt Rec Sys)
 - USAF: “Flight Training Folder”
- **This is the key file for 61.73(h) evidence!**
 - Designation letter as Military Aviator, IP, etc.
 - Aircraft model and mission qualifications
 - Records of quals / recurrency after designation
 - Instrument quals and recurrency / proficiency recs
- **Mil flight logbooks**
- **Military ID (Ask; app not required to have)**

Aero Knowledge Tests (AKT's)

- **Military Competency AKT test codes:**
 - MCA (Airplane)
 - MCH (Helicopter)
 - MCI (for initial Mil Comp CFI; US-qualified only)
- **Notes:**
 - Cannot substitute Commercial AKT's for MCA/MCH
 - Cannot substitute CFI AKT's for MCI
 - MCI app need not take FOI AKT if DOD-rated IP
 - Instrmt & type ratings based on mil doc's, not AKT's
 - Foreign Mil IP quals ineligible for Mil Comp CFI

Special case: Failure on AKT

- Applicant must comply with 61.49, and receive Endorsement #63 or equivalent, to re-test.



Special case: Powered Lift

- **Examples of Powered Lift aircraft:**
 - AV-8B “Harrier”
 - MV-22 “Osprey”
- **Must qualify as Commercial Airplane or Rotorcraft Helicopter Pilot FIRST!**
- **Powered Lift would then become an add-on to an existing Commercial Pilot certificate**



Avoiding “Over-certification”

- 61.73 applies to designated mil pilots only
- Not applicable while in student (UPT) status
- Student might solo in class of aircraft that is ineligible for inclusion under 61.73
 - Example: SNA soloing in T-34C or T-6A ASEL is ineligible for ASEL on Commercial Cert solely on basis of 61.73 while in Student status
 - Same person as Mil Instructor in same acft is OK!
 - Be discerning while inspecting app’s documents

Special Case: OH-58D helicopter

- Helicopter not configured for “IFR”
- OH-58D not operated in true IFR env’t
 - Operates in “Tactical Instrument” environment
- Applicant solely using OH-58D as basis for Instrument Rating based on Mil Comp is ineligible for Instrument-Helicopter.
- SME: DPE Shawn Knickerbocker

Multi-Engine Center-Thrust Acft

- T-2 B/C
- T-37 / A-37
- T-38
- F-4
- F-111 / EF-111
- F-18 / EF-18G
- A-6E / EA-6B
- A-10
- F-14
- F-15
- F-117
- F-22
- O-2
- Ref: 8900.1, Vol 5, Chap 1, Sec 4, Para 5-88(E)
- **61.73 MEI scenario?**

Type Ratings - Special Cases

- **US Navy P-8 “Poseidon”**
 - Replacement for P-3 “Orion”
 - Looks like a B-737
 - AFS-760: P-8 does not qualify for B-737 Type Rating
- **Some “Heavy” Be-200 / C-12 / King Air acft**
 - See 8900.1, Vol 5, Chap 2, Sec 19, Fig 5-92
 - Applicant must bring the NATOPS Flight Manual, USAF-1, or equivalent flight manual for the certification
- **Others?**
- **See AC 61-89E, Appdx 2 for Type Rating tables**

CFI functions based on Mil Comp

- **Adding CFI rating**
 - See 61.73(g)
 - MEI Applicant? CL Thrust caveat!
- **Renewal of CFI certificate**
 - SFAR 100-2 may apply; check this first!
 - See 61.197(a)(2)(iv)
 - Record of Mil Instructor proficiency chk \leq 12 months
- **Re-instatement (if SFAR-100-2 is N/A)**
 - Cue the basketball buzzer, please!
 - Cannot add rating to reinstate exp'd rating via Mil Comp
 - Applicant must comply with 61.199

Additional Web-based Resource

- www.sheppardair.com
 - Site specializes in 61.73 compliance
 - Well-known and respected industry resource
 - Q&A section on the site



Summary

- **Mil Training Folder should have most doc's to show compliance with 61.73**
- **Don't over-certify, esp with ASEL rating**
- **Watch for type rating, MEI caveats**
- **Mil Comp CFI's can usu. earn equiv civil ratings (Exception: CLT scenario); renew with Military IP proficiency check**
- **SFAR 100-2 provides relief to deployed CFI's, holders of AKT's**

Questions?

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