DEPARTMENT OF HOMELAND SECURITY
U.S. Coast Guard

OFFICER SPECIALTY REQUIREMENTS (OSR)

Reference: COMDTINST M5300.3 (series)

SECTION I General Information

1. Specialty/Subspecialty Title (*Ex. Fixed Wing Aviation)*	2. Code (*Ex. CG-AVI11)*
Aeronautical Engineering	CG-ENG15

3. Specialty/Subspecialty Description

Officers assigned this sub-specialty conduct aviation engineering administration, manage aeronautical engineering aircraft systems or depot level maintenance and support programs, manage aircraft program finances, information systems and aviation electronics, avionics, sensor systems, information systems, and acquisition/ project management for all CG aircraft. Officers in this sub-specialty are typically assigned to the Aviation Logistics Command (ALC) or the Headquarters Office of Aeronautical Engineering (CG-41).

4. Change Justification

☐ Annual Review ☐ Annual Review w/changes ☐ Required *(change in policy, law, etc.)*

☒ Other *(briefly state reason):* Form version change/annual review

SECTION II Initial (*Apprentice*) Specialty/Subspecialty Requirements

Enter items needed for specialty designation *(Use block 10 for additional space or another CGHQ-5318 form)*

5. Required items: Program Requirements for initial designation: One tour as CG Aviator with Aircraft Commander and below	Competency	Training	Education	License
AE-DAEO, Designated Aeronautical Engineer	×			
Aeronautical Engineering Student Syllabus		×		
*CGPM, DHS Level 1 Project Management Certification	×	×		
*CGSE, DHS Level 1 Acquisition Systems Engineering	×	×		
*CGLCL, DHS Level 1 Life Cycle Logistics Management	×	×		
Military flight training crs completion/designation as a CG aviator		×		

Notes: *(Required experience, in lieu of considerations...)*

- Experience in lieu of education; Prior Aviation Enlisted rate experience. Prior DoD Aviation Maintenance Officer Experience, Aviation Warrant (AVI) designation.
- *Achieve training requirements for ONE of the three

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Enter items desired for career broadening/specialization. *(Use block 10 for additional space or another CGHQ-5318 form)*

6. Desired items	Competency	Training	Education	License
MS, Aeronautical Eng from an accredited college/university	☐	☐	☒	☐
	☐	☐	☐	☐
BS; Engineering, Science, Math, or Operations Research	☐	☐	☒	☐
	☐	☐	☐	☐
Progress toward Project Management or Professional Engineer	☐	☒	☐	☐
certification	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

Notes:

SECTION III Requirements to Maintain Specialty Designation

7. Designation Duration *(Ex. OSC expires 7 years after date last used, usually detachment from OSC coded billet)*

☐ No requirements to maintain designation

☒ Subject to deletion if -

Relieved for cause or relieved from primary duties in subject matter billet; requested by SM/OPM-3.

Must remain current in, or must complete refresher training, or additional items as applicable, in the following	Competency	Training	Education	License
AE-MAMM, Multiple Airframe Maint Mgmt	☒	☐	☐	☐
AE-OAMM, High Optempo Airframe Maint Mgmt	☒	☐	☐	☐
ENG-LMGT, Engineering Logistics Mgmt	☒	☐	☐	☐
AE-SAMM, Single Airframe Maint Mgmt	☒	☐	☐	☐
CGPM 2, DHS Level 2 Project Management Certification	☒	☒	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

Notes:

- Maintaining ENG15 requires attainment of 2 of the 5 competencies

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SECTION IV Requirements to Advance: Journeyman/Master Levels (AJM)

☒ AJM IS NOT applicable for this specialty *(skip Section IV)*

☐ AJM IS applicable for this specialty *(Section II contains Apprentice requirements that must be met)*

Enter items needed for AJM designation *(Use block 10 for additional space or another CGHQ-5318 form)*

8. Journeyman *(in addition to block 5 items)* All items listed are required unless annotated with an *:	Competency	Training	Education	License
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

Notes: *(Required experience, in lieu of considerations...)*

9. Master *(in addition to block 8 items)* All items listed are required unless annotated with an * :	Competency	Training	Education	License
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

Notes: *(Required experience, in lieu of considerations...)*

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10. Additional Info:

Program Manager (PM): CG-41

Officer Specialty Manager (OSM) and Advanced Education Program (AEP) Manager: DCMS-81

11. Specialty Manager *(SM)* / Sponsor Program	12. SM Phone Number	13. SM Email Address
CDR Randal Hartnett	202-475-5579	randal.a.hartnett@uscg.mil

SECTION V Appropriate Approval Authority

14. Competent Authority as established by Assistant Commandant/Directorate *(Printed Name/Title/Grade)*

K. A. Overstreet, CG-41(acting), CDR

15. Signature	16. Date
OVERSTREET.KEITH.ALEXANDER.1047134788 Digitally signed by OVERSTREET.KEITH.ALEXANDER.1047134788 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USCG, cn=OVERSTREET.KEITH.ALEXANDER.1047134788 Reason: I am the author of this document Date: 2014.08.15 14:50:28 -04'00'	08/15/2014

SECTION VI OPM-3 Review and Validation
Official once published by OPM-3

17. OPM-3 *(Printed Name/Title/Grade)*

CDR Beth Naff, CG PSC-OPM-3 Branch Chief

18. Signature	19. Date
NAFF.BETH.A.1025993248 Digitally signed by NAFF.BETH.A.1025993248 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USCG, cn=NAFF.BETH.A.1025993248 Date: 2014.09.03 15:07:25 -04'00'	09/03/2014