



NGA Aeronautical Navigation Office (SFA) Credentialing Program

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The overall classification of this presentation is:
UNCLASSIFIED

Overview

- Background
- Credentialed NGA Aero Analysts
- Receiving a credential and type rating
- Maintaining a credential and/or type rating
- Role of FAA at NGA
- Program status

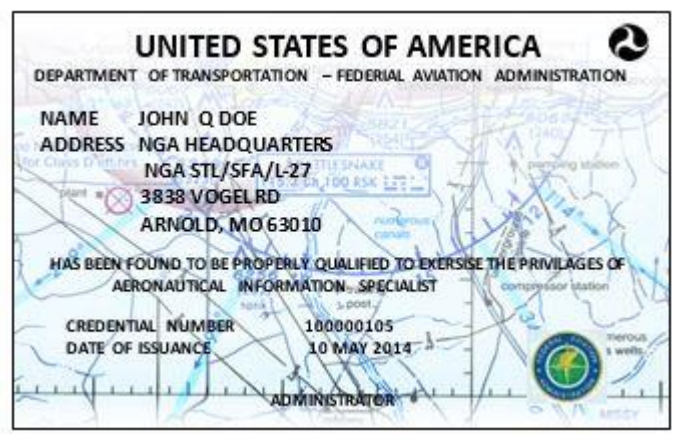


Background

- 2006 - FAA Order 1100.161 Change 1, Air Traffic Safety Oversight
 - Established credentialing program for air traffic control (ATC)
 - Credential required for FAA Air Traffic Organization (ATO) safety personnel who provide direct safety-related ATC services throughout the National Airspace System (NAS)
 - Credential also required for individuals who perform certifications on certifiable systems/subsystems/services in support of the NAS
- 2014 - FAA & NGA establish credential for Aeronautical Information Management (AIM)
 - NGA voluntarily enacted program implementation to demonstrate NGA's leadership in the Aeronautical Information Specialist (AIS) community
 - Credential ensures that AIS practitioners have demonstrated proficiency in a common set of competencies
 - This process facilitates professional development and training, promotes better synchronization and alignment of individual capabilities with the FAA through transportable credentials, and increases the professionalization of the workforce
 - NGA is the first US government agency to issue FAA AIS credentials

Credentialed Aero Analysts

- 200+ analysts credentialed as AIS with type ratings:
 - Aeronautical Information Processing
 - AIP Management
 - Airport Mapping
 - Digital Terminal Design
 - Graphic Design
 - Procedure Design
 - Vertical Obstructions



Receiving a Credential & Type Rating

- Analyst is assigned a certified trainer and begins an on-the-job training (OJT) rubric
 - Rubric contents are unique to each type rating (some overlapping topics) and contains pertinent OJT topics and required classroom training courses
- Analyst completes OJT and required classroom training and demonstrates proficiency to their trainer
- Trainer “signs off” on the trainee’s rubric and passes it to their Designated Examiner (DE)

Once training is complete, the following must occur within 30 days:

- Trainee is recommended for credential & type rating by DE
- Credential is approved by Proficiency Manager (PM)

Credential is then issued by FAA with listed type rating

- Credential holders may have more than one type rating

S2QMS-39-1142

Version: ~~1011~~

Effective Date: ~~6/13/2022~~/7/2022

(U) Vertical Obstruction Phase 3 (Advanced) Rubric

(U) Trainer instructions:

- Date and initial Start date when training on the associated line item begins
- Date and initial Demonstration (demo.) date (both trainer and trainee) once the trainee has demonstrated the associated task
- Please provide section specific comments within the area provided at the end of each section (keep all comments UNCLASSIFIED)

(U) The compiled contents of this table are UNCLASSIFIED//FOUO.						
Professional Tradecraft Criteria and Requirements	Start Date	Trainer Initials	Demo. Date	Trainer Initials	Trainee Initials	Notes
Phase 3 – Advanced <i>Proficient Analysts should be able to accomplish Phase 3 within <1 month</i>						
VO JPIP FUNCTIONS						
Execute all appropriate actions:	Java Basics					
	Search Filters					
	Map Functions					
	Query Functions					
	Diagnostics					
Feedback is invited and encouraged throughout training.						
Section comments: DO NOT USE THIS SECTION FOR CLASSIFIED FEEDBACK.						
PRODUCTION						
Production reports process:	Accessing Files					



Maintaining a Credential and/or Type Rating

- Credentials and type ratings are valid for no more than 24 months
 - Each type rating must be maintained individually under credential umbrella
- DE recommends & PM approves renewals based on biennial skills evaluation (BSE)

Archived Ratings

- If holder moves to a new work function within Aero with a different type rating AND the holder does not maintain their previous type rating, it will be archived upon its expiration

Criteria for Withdrawal of Credentials and/or Type Ratings

- Departure from NGA
- Analyst no longer performs functions of any rating without likelihood of returning to SFA


Criteria for Removal of Credentials and/or Type Ratings

- Analyst unable to meet current requirements
- Analyst performance has adversely affected aviation safety
- Just cause as determined by supervisor

Credentials and type ratings may be reinstated at any time following re-training

Role of FAA at NGA

- FAA conducts a yearly audit on NGA’s credentialing program
- The audit includes interviews and document reviews
- Authority for recommendation and approval of credentials & type ratings lies solely with NGA DE & PM as long as NGA remains in compliance with FAA standards

	AVS Quality Management System	OPM# AOV-002-001-W1	Revision 9
Title: AOV Audit and Assessment Work Instruction		Effective Date: April 22, 2022	Page 1 of 45

AOV-002-001-W1

AOV Audit and Assessment Work Instruction

Purpose

The purpose of this Work Instruction is to describe how the Air Traffic Safety Oversight Service (AOV) conducts surveillance of the Air Traffic Organization (ATO) through audit and assessment procedures. This document standardizes audits and assessments for AOV’s safety oversight of the ATO’s operations. The term “audit” encompasses assessments throughout the rest of this document.

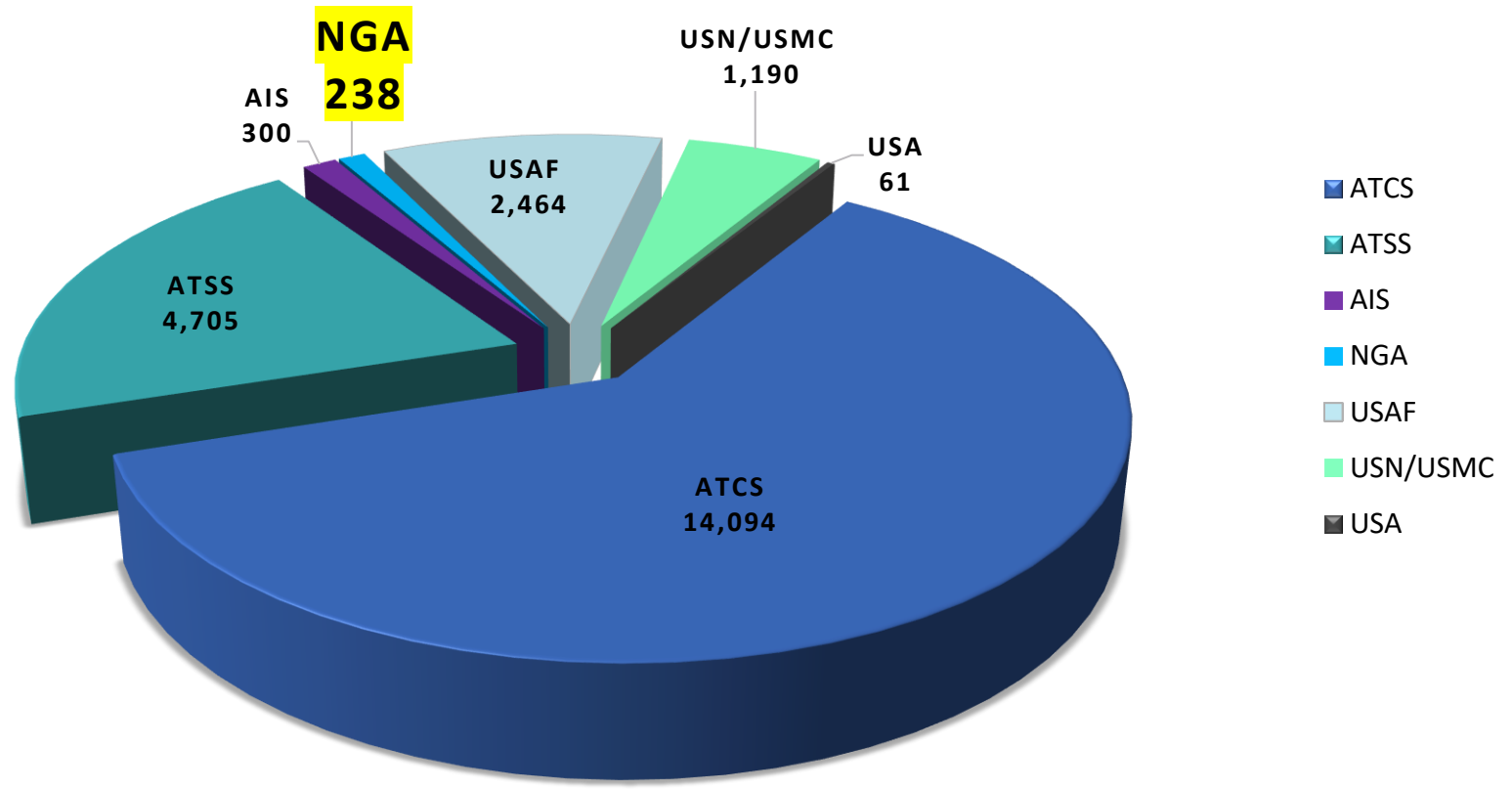
Scope

This Work Instruction provides AOV employees with step-by-step procedures for conducting audit and assessment surveillance activities in accordance with the AOV Surveillance Process, AOV-002-001. It describes the procedures used to effectively generate proposals, develop and conduct an audit, and complete post-audit activities.

FAA-DoD Credentialing Program Status

Total number of Active Credentials (as of 02/03/2023): **23,052***

*This number only includes Credentials with an active status.



ATCS = Air Traffic Control Specialist
ATSS = Airway Transportation Systems Specialist
AIS = Aeronautical Information Specialist

USAF = US Air Force
USN/USMC = US Navy/US Marine Corps
USA = US Army



