



Leonardo Helicopters

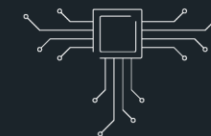
FAA SFAR Docket No. 2023-1275, RIN: 2120-AL72 Integration of Powered-Lift: Pilot Certification and Operations

EO 12866 Briefing

Teleconference

18 September 2024

Company General Use



Electronics



Helicopters



Aircraft



Cyber &
Security



Space



Aerostructures

Overview

- Leonardo Helicopters has been proactively engaged with FAA and ICAO to enable rules for pilot licensing and operational rules for powered lift.
- This early collaboration with the regulatory authorities and other industry stakeholders led to the development of an international standard ICAO Doc 10103.
- SFAR provides a temporary pathway for airmen certification and standardized operations.
- SFAR NPRM deviates significantly from ICAO Doc 10103.
- US DoD has over 700,000 flight hours of operational tiltrotor experience for FAA to tap into as a resource



Operational Rules (Part 91, 135)

- Fuel Reserve Requirements
 - Helicopters allowed lower fuel minimums
- Weather reporting requirements and weather minimums
 - Should be performance-based for VTOL capable aircraft
- Minimum Safe Altitude (MSA)
 - Helicopters allowed lower MSAs
 - Autopilot requirements
 - SAR and Air Ambulance missions
- Overwater operations requirements
- Part 135 Commuter Operators required to use Part 121 subpart Y AQP program



Pilot Licensing, FSTD and Training School (Part 61, 60, 142)

- SFAR NPRM provides some relief for pilot certification though it deviates from ICAO Document 10103
- Exploit the use of advanced FSTDs (i.e. FFS Level C/D)
 - Improved training capabilities (i.e., emergency procedures)
 - Inadequately leverages the benefits of Supervised Operating Experience Requirements
- Qualified FAA pilots to conduct Flight Standardization Board (FSB).
- Regulatory Impact Analysis inaccurately estimates financial costs per type rating
- Requires instructors in Part 142 training schools to hold ATP
- Part 60 for certification of Powered-Lift FSTD



Questions/Comments/Concerns





THANK YOU
FOR YOUR ATTENTION

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