

Omega Air In-Flight Refueling

Presented to: AVS-1

By: AFS-1/2

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Federal Aviation
Administration







Omega Air In-Flight Refueling Operations

- B-707 (2) and DC-10 (1) Aircraft
- “Public Use” Operations
- Centerline Hose/Drogue Dispensing
- U.S. Navy Contract
- Domestic and International Operations
 - US Military Bases
 - Foreign Military (Scotland, France, etc.)
 - No foreign “public use” (civil or “state” aircraft)



Omega Air In-Flight Refueling Operations

B-707 Aircraft

- “Experimental” Category (Market and Survey)
- Certificates are reissued every 90 days by DAR
- Operating 5 – 6 years
- Stage II Noise Requirements



Omega Air In-Flight Refueling Operations

DC-10 Aircraft

→ Currently being tested with military



Omega Air In-Flight Refueling Operations

Modifications

- ➔ Hose reels, pods, refueling panel, UHF radios, etc. – not FAA approved

Crewmember Training

- ➔ Refueling, “Break Away”, formation flight, etc.
- ➔ Refueling done by FE



Omega Air In-Flight Refueling Operations

Thoughts for a Solution

- Create “experimental” category for military operations
- Educate ASIs and industry about “public use” and foreign (civil & state) operations
- Approve modifications via STC if “standard” A/W certificate is issued (requirement)
- Educate military representatives on FARs and “public use” operations

