



A/C-48a — Air broadcast of aircraft position/vector (ADS-B OUT) compliant with DO260B

Air broadcast of aircraft position/vector (ADS-B OUT) compliant with DO260B

Category SYSTEM

Stakeholder **Airspace User**

Civil

- Civil Scheduled Aviation
- Civil Business Aviation-Fixed Wing
- Civil Business Aviation-Rotorcraft
- Civil General Aviation

Military

- Military Transport
- Military Fighter

V3 End 31-12-2009

V4 Start 31-12-2009

V5 Start 31-12-2011

V4 End 31-12-2011

V5 End 31-12-2011

Airspace User: 31-12-2011

Civil

- Civil Scheduled Aviation: 31-12-2011
- Civil Business Aviation-Fixed Wing: 31-12-2011
- Civil Business Aviation-Rotorcraft: 31-12-2011
- Civil General Aviation: 31-12-2011

Military

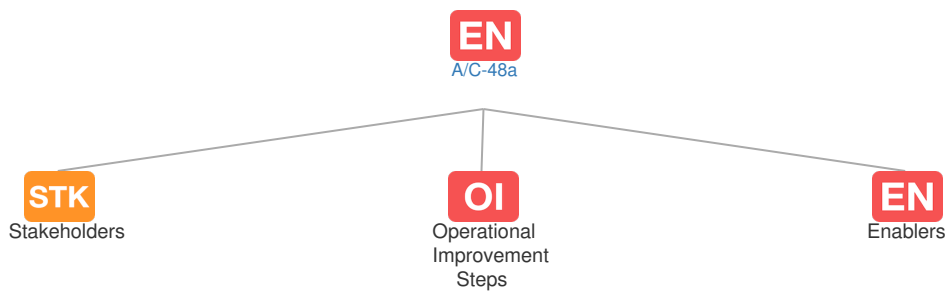
- Military Transport: 31-12-2011
- Military Fighter: 31-12-2011

IOC 31-12-2011

FOC 31-12-2017

Context

Related Elements



Operational Improvement Steps

| Code | Benefits start date (IOC) - Full benefit date (FOC) | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | |
| A/C-48a | | | | FOC | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AO-0201-A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AO-0307 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AO-0327 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AUO-0504 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AUO-0605 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AUO-0615 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 CM-0209 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 CM-0209-b | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 CM-0210 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 CM-0210-b | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 CM-0807-B | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 IS-0302 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 TS-0108 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ➔ AO-0102 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ➔ AO-0304 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ➔ AO-0309 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ➔ AUO-0704 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Dependent Enablers

| Relationship | Code | Title | Related Elements |
|----------------------|----------------|---|------------------------|
| Supporting | ER APP ATC 164 | Enhance ATC System to Receive and Integrate ADS-B data | STK OI EN |
| Has predecessor | A/C-48 | Air broadcast of aircraft position (ADS-B OUT) compliant with DO260A | OI EN |
| Is synchronised with | A/C-30a | On-board prediction of wake turbulences based on aircraft data exchange | STK OI EN |
| Is synchronised with | CTE-S03b | ADS-B station for RAD and APT surveillance | STK OI EN OBJ DS ⚙️ |
| Is synchronised with | ER APP ATC 104 | Adapt Controller Conflict Detection and Resolution Tools to Use Enhanced Ground-Based Trajectory Prediction | STK OI EN DS |
| Is synchronised with | ER APP ATC 14 | Enhance Short Term Conflict Alert (STCA) to use Downlinked Aircraft Parameters | STK OI EN DS |
| Is synchronised with | ER APP ATC 68 | Enable Controller workstation to indicate when aircraft systems indicates an RA occurrence. | STK OI EN DS |
| Enabled by | ADSB-0102a | ED102a ADS-B 1090 MHz Extended Squitter | OI EN |
| Enabled by | GSURV-0101 | Surveillance Performance and Interoperability (SPI) Implementing Rule | EN OBJ |
| Enabled by | REG-0004 | AMCs for ADS-B-RAD, -APT | EN |
| Enabled by | REG-0503 | Amendment to SPI IR (Phase 1) | EN |

PCP PCP Elements: No associated data

STK Stakeholders

| Code | Title | Related Elements |
|-------------|------------------------------------|---|
| AU | Airspace User | EN |
| AU-CIV-BA-F | Civil Business Aviation-Fixed Wing | EN |
| AU-CIV-BA-R | Civil Business Aviation-Rotorcraft | EN |
| AU-CIV-GA | Civil General Aviation | EN |
| AU-CIV-SA | Civil Scheduled Aviation | EN  |
| AU-MIL-F | Military Fighter | EN  |
| AU-MIL-T | Military Transport | EN  |

 Standards: No associated data

OBJ Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

PJ SESAR Workpackages: No associated data