



A/C-30a — On-board prediction of wake turbulences based on aircraft data exchange

On-board prediction of wake turbulences and alerting based on aircraft data exchange e.g. new ADS-B standard

Category SYSTEM

Stakeholder Airspace User

Civil

Civil Scheduled Aviation

Civil Business Aviation-Fixed Wing

Military

Military Transport

V3 End 31-08-2019

V4 Start 31-08-2021

V5 Start 31-08-2023

V4 End 31-08-2023

V5 End 31-08-2023

Airspace User: 31-08-2023

Civil

Civil Scheduled Aviation: 31-08-2023

Civil Business Aviation-Fixed Wing: 31-08-2023

Military

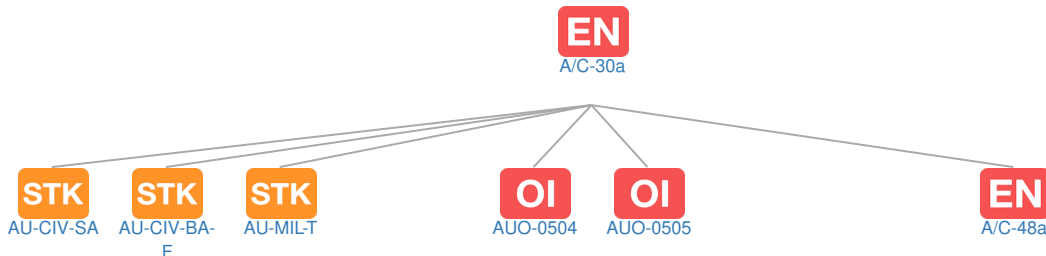
Military Transport: 31-08-2024

IOC 31-08-2023

FOC 31-08-2029

Context

Related Elements



OI 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-30a | | | | | ▲ | | | V4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AUO-0504 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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EN Dependent Enablers

| Relationship | Code | Title | Related Elements |
|----------------------|---------|-----------------------------------------------------------------------------|------------------|
| Is synchronised with | A/C-48a | Air broadcast of aircraft position/vector (ADS-B OUT) compliant with DO260B | STK OI EN DS |

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-SA | Civil Scheduled Aviation | 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