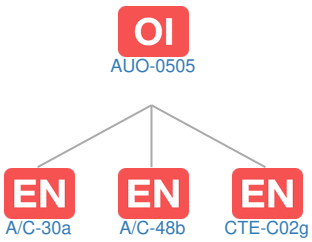
AUO-0505 — Improved Air safety using data exchange via e.g. ADS-B for Wake Turbulence prediction

Safety in the cockpit is improved thanks to better awareness of surrounding wake turbulence encounter risk. The Flight Crew has access to wake turbulence prediction information based on data exchange with other aircraft (e.g. ADS B).

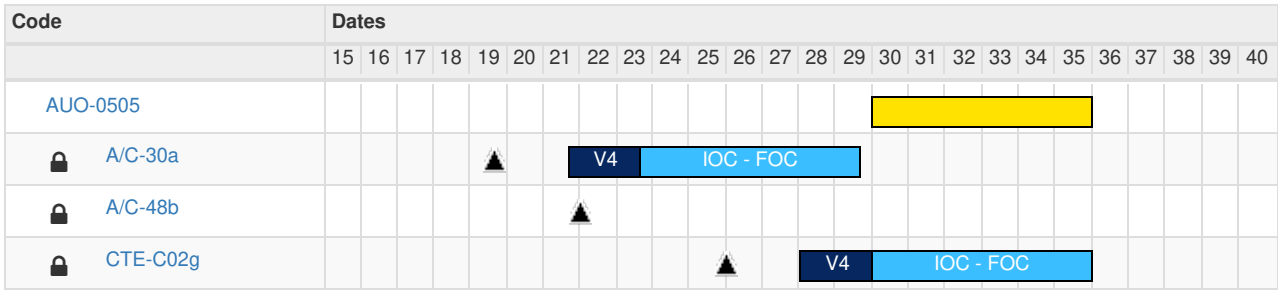
Rationale	Based on aircraft data exchange, the aim is to ensure tactical prediction of wake turbulence on-board alerting and avoidance manoeuver using flight control to ensure aircraft separation, thereby improving safety and capacity.
Forecast V3 end date	31-12-2021
Benefits start date (IOC)	31-12-2029
Full benefits date (FOC)	31-12-2035
Current Maturity Level	V1 finalised
Solution Data Quality Index	-
Current Maturity Phase	R&D
Scope	-
Release	-
PCP Status	-

Context

Related Elements



EN Enablers



OI Dependent OI Steps: No associated data

SOL SESAR Solutions: No associated data

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO ICAO Block Modules: No associated data