



# 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 manoeuvre 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

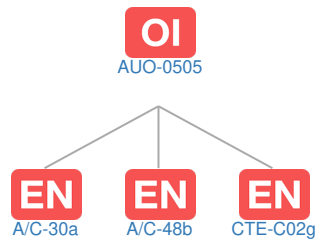
**Scope** -

**Release** -




**PCP Status** -

## Context

### Related Elements



## EN Enablers

Code	Dates																																						
	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													
AUO-0505																																							
 A/C-30a						▲			V4																														
 A/C-48b								▲																															
 CTE-C02g															▲												V4												

**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