



AUO-0405 — Equivalent Visual Landing operations in Low Visibility Conditions with Head Mounted Display

The ability for Flight Crew to land in low visibility/ceiling conditions is improved with new on-board feature that provides advanced vision (e.g. Combined Vision System, mixing Enhanced Vision System and Synthetic Vision System) in order to improve human performance. Due to those advanced on-board avionics, airport access is maintained in low visibility/ceiling conditions. The use of Head Mounted Display (HMD) further improves crew performance and environmental awareness.

Rationale Enhanced Vision (EVS) and Synthetic Vision (SVS) can be further merged into Combined Vision (CVS) on a Head Mounted Display.

Forecast V3 end date 31-12-2022

Benefits start date (IOC) 30-09-2023

Full benefits date (FOC) 01-10-2029

Current Maturity Level V2 finalised

Solution Data Quality Index -

Current Maturity Phase R&D

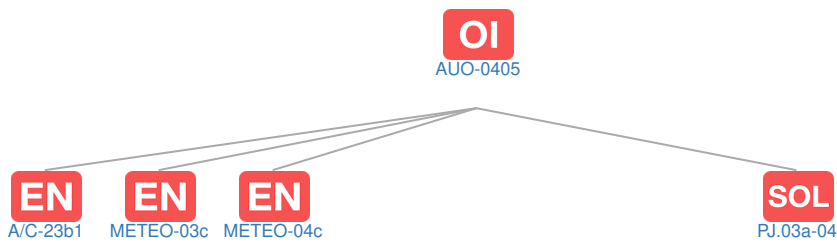
Scope -

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-0405																																					
A/C-23b1																																					
METEO-03c																																					
METEO-04c																																					

OI Dependent OI Steps: No associated data

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.03a-04	Enhanced Visual Operations	SESAR 2020 Wave 1	SOL PJ OI DS EOC

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO ICAO Block Modules: No associated data