



# AUO-0407 — Equivalent Visual Take-Off operations in Low Visibility Conditions

The ability for Flight Crew to take-off in low visibility 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 on-board avionics the aircraft will be less dependent on ground based infrastructure at the airport while conducting take-off operations. Likewise, the Flight Crew will be able to maintain an awareness of runway centreline with reduced dependence on airport infrastructure when visual conditions are below those normally required for takeoff.

**Rationale** Enhanced Vision (EVS) and Synthetic Vision (SVS) can be further merged into Combined Vision (CVS)

**Forecast V3 end date** -

**Benefits start date (IOC)** -

**Full benefits date (FOC)** -

**Current Maturity Level** -

**Solution Data Quality Index** -

**Current Maturity Phase** R&D

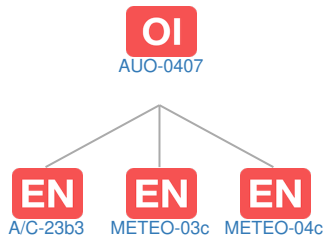
**Scope** -

**Release** R6

**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-0407																																								
A/C-23b3					▲																																			
METEO-03c					▲				V4	V5	IOC - FOC																													
METEO-04c					▲				V4	V5	IOC - FOC																													

**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