



AO-0212 — Equivalent Visual Operations for Tower Control in Low Visibility

Enhanced situational awareness for the controllers is achieved through a provision of an equivalent visual operations in the Tower in low (nearly zero) visibility. This is achieved by providing ATCO with an enhanced vision through digitalised means.

Benefits are mainly in low and reduced visibility conditions (fog, night, snow) since the separation minima can then be enhanced and the runway throughput maintained.

Rationale As already under study on the airborne side, there is a need for an equivalent of military pilot glasses where the out of window could be replaced by an overlayer displayed on an ATCO glasses or by any other digitalised means.

Forecast V3 end date 31-12-2025

Benefits start date (IOC) -

Full benefits date (FOC) -

Current Maturity Level V1

Solution Data Quality Index -

Current Maturity Phase R&D

Scope -

Release -

PCP Status -

Context

Related Elements



EN Enablers: No associated data

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