



AO-0329 — Optimised Separation Delivery for Departure

The ATCO is able to efficiently deliver airborne separation (defined in time or distance) after departure, supported by the System which provides the following information:

1) the relevant separation to apply as a function of expected rolling time, wake separation, aircraft type, departure procedures in place (SID)

2) the required information for anticipating catch-up of separation during initial climb phase. The system will consider aircraft expected or measured performance (true air speed of leader and follower) and wind conditions.

Rationale The development of multiple customisation of separation to apply for departure will not be manageable by the ATCO if not assisted by the ATC system which will take into account separations (defined as a function of aircraft characteristics and weather) and minimum radar separation to apply. The separation to be applied will be the most constraining separation resulting from the application of all the previously listed concepts.

Forecast V3 end date 31-08-2019

Benefits start date (IOC) 31-12-2025

Full benefits date (FOC) 31-08-2030

Current Maturity Level V2 finalised

Solution Data Quality Index -

Current Maturity Phase R&D

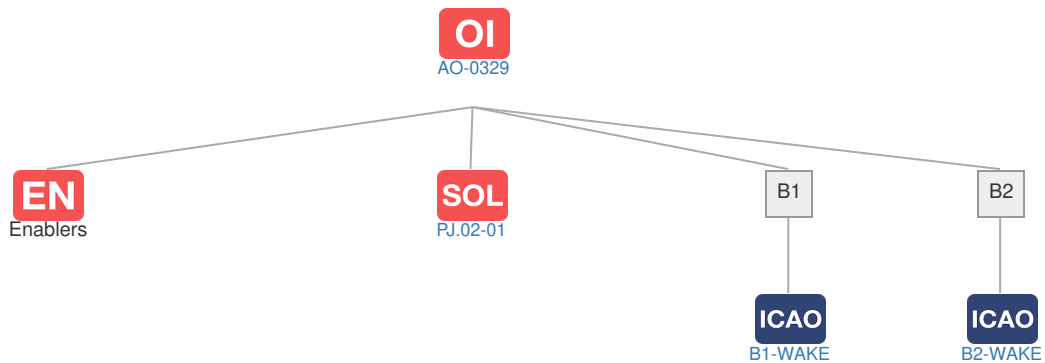
Scope -

Release R9

PCP Status -

Context

Related Elements





ICAO Block Modules

Designator	Title	Related Elements
B1		
B1-WAKE	Increased Runway Throughput through Dynamic Wake Turbulence Separation	SOL OI PCP
B2		
B2-WAKE	Advanced Wake Turbulence Separation (Time Based)	SOL OI OBJ PCP