



AO-0209 — Enhanced Runway Usage Awareness

The runway usage awareness is enhanced thanks to implementation of the Runway Status Light (RWSL) system (which covers both new procedures and new airfield lights). RWSL is a surveillance driven automatic system that visually indicates to flight crews and vehicle drivers when it is unsafe to enter, use or cross a runway, through new airfield lights which can be composed of Runway Entrance Lights (REL), Take-off Hold Lights (THL) and Runway Intersection Lights (RIL).

Rationale Increase awareness of the runway usage to all involved actors, reducing the number of hazardous situations on the runway, e.g. number of the most severe runway incursions (Cat. A and B). The main benefit is related to the increase of runway usage awareness, and consequently an increase of runway safety.

Forecast V3 end date -

Benefits start date (IOC) 29-04-2021

Full benefits date (FOC) 29-04-2026

Current Maturity Level V3 finalised

Solution Data Quality Index -

Current Maturity Phase R&D

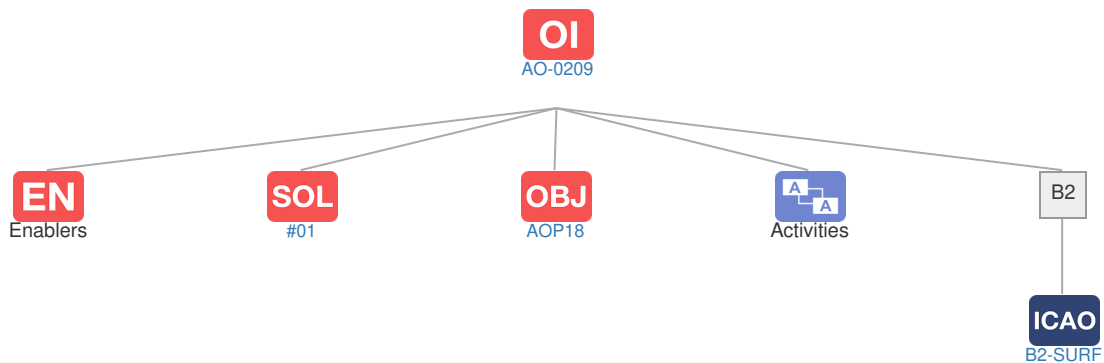
Scope -

Release R5

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													
AO-0209																																							
AERODROME-ATC-66					V4	V5																																	
AERODROME-ATC-87					V4	V5																																	
AIRPORT-49																																							
PRO-246																																							
AERODROME-ATC-23a																																							
REG-0200																																							

OI Dependent OI Steps: No associated data

SOL SESAR Solutions

Code	Title	Program	Related Elements
#01	RunWay Status Lights	SESAR1	

PCP PCP Elements: No associated data

OBJ Implementation Objectives

Code	Title	Related Elements
AOP18	Runway Status Lights (RWSL)	

ICAO ICAO Block Modules

Designator	Title	Related Elements
B2	B2-SURF	Optimized Surface Routing and Safety Benefits (A-SMGCS Level 3-4 and SVS)