



AO-0109 — Enhanced Airport Safety thanks to Time Critical Weather Alerts

Airport operational safety is improved thanks to an enhanced weather alerting system supporting the tower controllers with respect to better situational awareness, workload anticipation and air situation overview. Thanks to an integration of weather and flight plan data leading to critical weather alerts, appropriate indications will be displayed to the tower controllers and offering suggestions for probable areas of higher attention need.

Rationale There is a need to improve tower controllers' situation awareness and airport safety based on the provision of time critical weather alerts to tower controllers.

Forecast V3 end date 31-12-2022

Benefits start date (IOC) 31-12-2029

Full benefits date (FOC) 31-12-2033

Current Maturity Level V2

Solution Data Quality Index -

Current Maturity Phase -

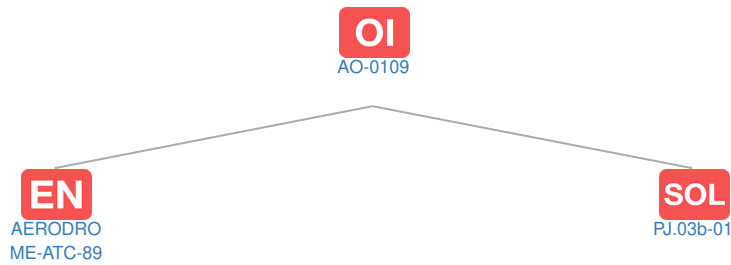
Scope -

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
AO-0109																										
 AERODROME-ATC-89												V4	V5	IOC - FOC												

OI Dependent OI Steps: No associated data

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.03b-01	Enhanced Airport Safety Nets for Controllers	SESAR 2020 Wave 1	<div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: red; color: white; padding: 2px;">SOL</div> <div style="background-color: red; color: white; padding: 2px;">PJ</div> <div style="background-color: red; color: white; padding: 2px;">OI</div> <div style="background-color: red; color: white; padding: 2px;">DS</div> <div style="background-color: green; color: white; padding: 2px;">EOC</div> <div style="background-color: blue; color: white; padding: 2px;">ICAO</div> </div>

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO ICAO Block Modules: No associated data