OI AUO-0704 — Enhanced Prediction of Arrival Runway Occupancy Time (ROT)
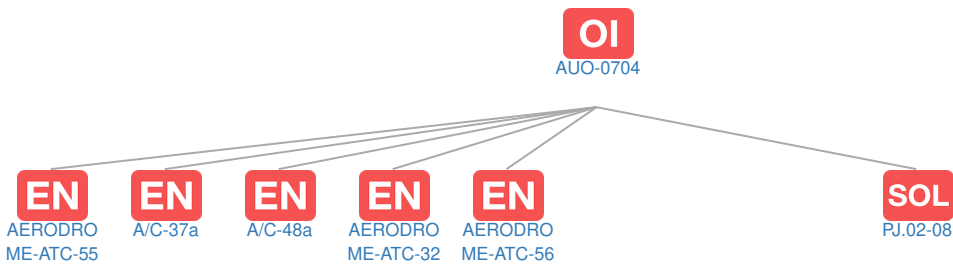
A better prediction (or integrity) of the arrival ROT (Runway Occupancy Time) will help ATC to improve their management of runway use by giving them more precise information about aircraft behaviour during last part of their flight. This may be done through the support of ground-based system and/or advanced aircraft systems to better predict landing/vacate times.

Rationale	Nowadays ATC don't have reliable information about arrival runway occupancy time.
	Providing ATC with reliable forecasted arrival runway occupancy time will help to increase runway capacity especially through optimization of separation between arrivals.
	Likewise, strategically the average arrival separation (as used by arrival sequencing) may also be reduced.
Forecast V3 end date	31-08-2019
Benefits start date (IOC)	31-08-2026
Full benefits date (FOC)	31-08-2030
Current Maturity Level	V2 finalised
Current Maturity Phase	R&D
Scope	-
Release	R9
PCP Status	-

Solution Data Quality Index	-

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-0704														AUO-0704												
🔒 AERODROME-ATC-55				▲			V4		V5		IOC - FOC															
→ A/C-37a	4	V					IOC - FOC																			
→ A/C-48a	FOC																									
→ AERODROME-ATC-32					▲		V4		V5		IOC - FOC															
→ AERODROME-ATC-56			▲						▲ IOC - FOC																	

OI Dependent OI Steps: No associated data

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.02-08	Traffic optimisation on single and multiple runway airports	SESAR 2020 Wave 1	SOL PJ OI DS EOC ICAO

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO ICAO Block Modules: No associated data