



# AERODROME-ATC-55 — Airport ATC analyser tool for predicting ROT

Provide enhanced Runway Capacity analyser tool for predicting Final Approach speed profile and Runway Occupancy Time (ROT) for landing aircraft as well as ROT and departure profile for departing aircraft based on real recorded aircraft-derived behaviour during landings and take-offs (take-offs include take-off run, take-off and climb out for takeoffs ; landings include final approach, flare, touch down, braking and vacating the runway).

**Category** SYSTEM

**Stakeholder** Air Navigation Service Provider

*Civil*

Civil ATS Aerodrome Service Provider

*Military*

Military ATS Aerodrome Service Provider

**V3 End** 31-08-2019

**V4 Start** 31-08-2021

**V5 Start** 31-08-2024

**V4 End** 31-08-2024

**V5 End** 31-08-2026

**Air Navigation Service Provider: 31-08-2026**

*Civil*

Civil ATS Aerodrome Service Provider: 31-08-2026

*Military*

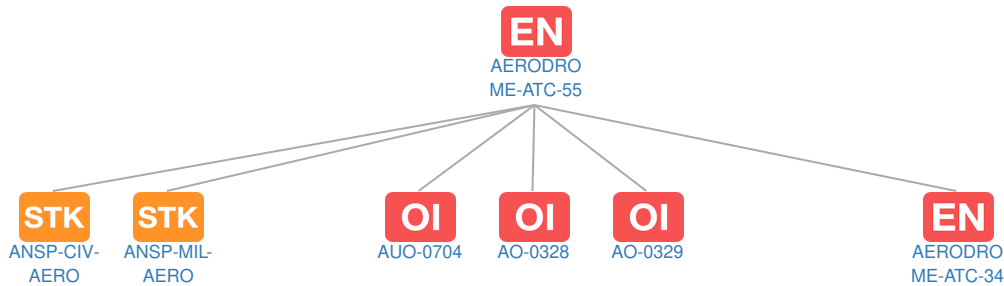
Military ATS Aerodrome Service Provider: 31-08-2026

**IOC** 31-08-2026

**FOC** 31-08-2030

## Context

### Related Elements



## Operational Improvement Steps



Code	Benefits start date (IOC) - Full benefit date (FOC)																																								
	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															
AERODROME-ATC-55					▲			V4	V5	IOC - FOC																															
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➔ AO-0329																																									

## Dependent Enablers

Relationship	Code	Title	Related Elements
Supporting	AERODROME-ATC-34	Sequence Management system enhanced to use reduced and predicted ROT	STK OI EN

## PCP Elements: No associated data

## Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-AERO	Civil ATS Aerodrome Service Provider	EN 
ANSP-MIL-AERO	Military ATS Aerodrome Service Provider	EN 

## Standards: No associated data

## Implementation Objectives: No associated data

## Stakeholder Lines of Action (SLoAs): No associated data

## SESAR Workpackages: No associated data