



AERODROME-ATC-26 — Runway condition awareness management system based on runway sensors

Runway condition awareness management system that delivers runway conditions takes into account runway sensors measures (ground-based or aircraft-based) and presents runway information:

- to Airport Operator: for it as responsible of runway surface condition management to decide when treatment would be needed (to be coordinated with other stakeholders operating on the airport)
- to Tower Controller: for it to keep Flight Crews operating on the airport aware of runway surface condition

Runway condition awareness management system computes current Runway Condition Code (Current RWYCC) for each third of each runway of the airport (using ICAO Global Reporting Format).

Category SYSTEM

Stakeholder **Airport Operator**
Civil
 Civil APT operator
Military
 Military APT operator

V3 End 31-12-2020

V4 Start 31-12-2022

V5 Start 31-12-2024

V4 End 31-12-2024

V5 End 31-12-2026

Airport Operator: 31-12-2026

Civil

Civil APT operator: 31-12-2026

Military

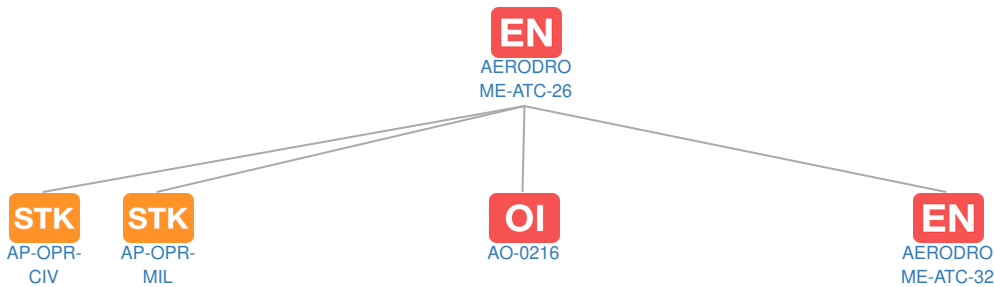
Military APT operator: 31-12-2026

IOC 31-12-2026

FOC 31-12-2030

Context

Related Elements



OI 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-26						▲				V4	V5	IOC - FOC																										
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EN Dependent Enablers

Relationship	Code	Title	Related Elements
Enabled by	AERODROME-ATC-32	Runway condition awareness management system based on weather-based runway condition model	STK OI EN DS

PCP PCP Elements: No associated data

STK Stakeholders

Code	Title	Related Elements
AO	Airport Operator	EN
AP-OPR-CIV	Civil APT operator	EN
AP-OPR-MIL	Military APT operator	EN

Standards: No associated data

OBJ Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

PJ SESAR Workpackages: No associated data