



# AERODROME-ATC-96 — Runway condition awareness management system based on braking action data reported by flight crew

Runway condition awareness management system that delivers runway conditions takes into account Braking Action, reported by the Flight Crew to the Tower Controller when landing condition were worst than announced, to compute and present 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 for each third of each runway of the airport (using ICAO Global Reporting Format).

**Category** SYSTEM

**Stakeholder** Air Navigation Service Provider

*Civil*

Civil ATS Aerodrome Service Provider

*Military*

Military ATS Aerodrome Service Provider

**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

**Air Navigation Service Provider: 31-12-2027**

*Civil*

Civil ATS Aerodrome Service Provider: 31-12-2027

*Military*

Military ATS Aerodrome Service Provider: 31-12-2027

**Airport Operator: 31-12-2026**

*Civil*

Civil APT operator: 31-12-2026

*Military*

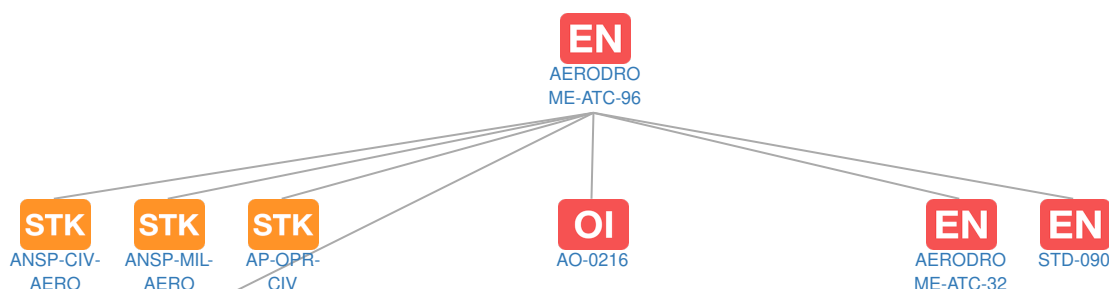
Military APT operator: 31-12-2026

**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-96						▲			V4	V5	IOC - FOC																										
→ AO-0216																																					

**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	<b>STK</b> <b>OI</b> <b>EN</b> <b>DS</b>
Enabled by	STD-090	Update of ICAO standards for Global Reporting Format of runway surface conditions	<b>STK</b> <b>EN</b>

**PCP** PCP Elements: No associated data

**STK** Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	<b>EN</b>
ANSP-CIV-AERO	Civil ATS Aerodrome Service Provider	<b>EN</b> 
ANSP-MIL-AERO	Military ATS Aerodrome Service Provider	<b>EN</b> 
AO	Airport Operator	<b>EN</b>
AP-OPR-CIV	Civil APT operator	<b>EN</b> 
AP-OPR-MIL	Military APT operator	<b>EN</b> 

 Standards: No associated data

**OBJ** Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

**PJ** SESAR Workpackages: No associated data