



AERODROME-ATC-92 — Real-time Airport Weather Observation service with Artificial Intelligence algorithms

ATM-MET sub-system targeting to mitigate drawbacks in real-time airport weather monitoring. System is dedicated to narrow the current gap between automated and manned aeronautical MET service by utilizing advanced observing techniques, incorporating artificial intelligence algorithms into the loop and allowing interaction of remotely located human MET observer. Outputs are SWIM compatible.

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 31-12-2022

V4 Start 31-12-2024

V5 Start 31-12-2026

V4 End 31-12-2026

V5 End 31-12-2028

Air Navigation Service Provider: 31-12-2029

Civil

Civil ATS Aerodrome Service Provider: 31-12-2029

Military

Military ATS Aerodrome Service Provider: 31-12-2029

Airport Operator: 31-12-2028

Civil

Civil APT operator: 31-12-2028

Military

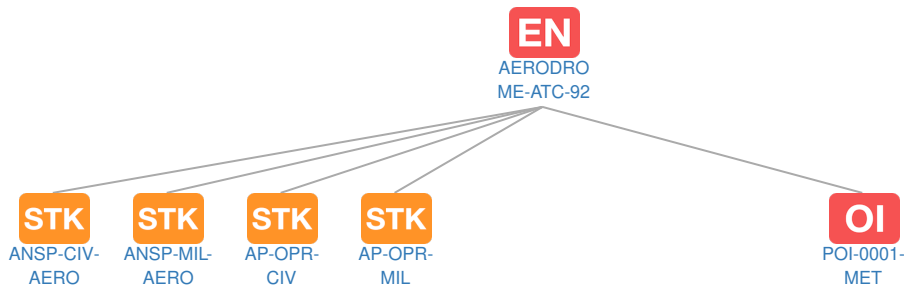
Military APT operator: 31-12-2028

IOC 31-10-2029

FOC 31-10-2033

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-92														▲				V4	V5			IOC - FOC																
🔒 POI-0001-MET																																						

EN Dependent Enablers: No associated data

PCP PCP Elements: No associated data

STK 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 
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