



AERODROME-ATC-21 — A-SMGCS extended with dedicated processing to provide alerts for vehicles

A-SMGCS is extended with dedicated processing to trigger and uplink alerts to vehicles in case of risk of collision with aircraft or in case of area infringement.

Category SYSTEM

Stakeholder Air Navigation Service Provider

Civil

Civil ATS Aerodrome Service Provider

Military

Military ATS Aerodrome Service Provider

V3 End 31-12-2015

V4 Start 31-12-2018

V5 Start 31-12-2020

V4 End 31-12-2020

V5 End 31-12-2022

Air Navigation Service Provider: 31-12-2022

Civil

Civil ATS Aerodrome Service Provider: 31-12-2022

Military

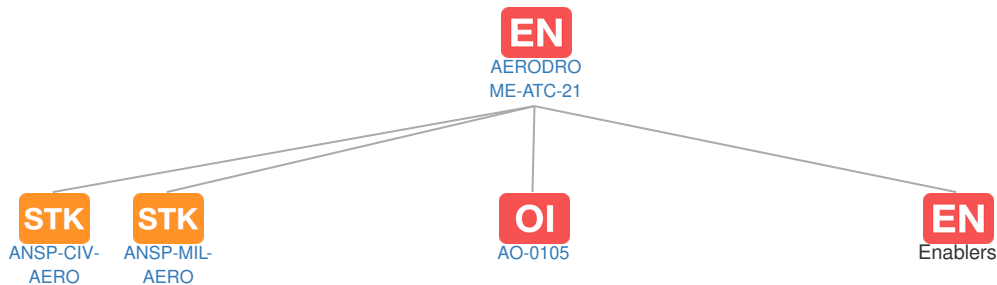
Military ATS Aerodrome Service Provider: 31-12-2022

IOC 31-12-2022

FOC 31-12-2026

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-21				▲			V4	V5	IOC - FOC																					
AO-0105																														

EN Dependent Enablers

Relationship	Code	Title	Related Elements
Has predecessor	AERODROME-ATC-03	Surface movement control workstation equipped with tools for runway incursion detection and alerting	STK OI EN
Is synchronised with	AERODROME-ATC-22	Surface movement control workstation equipped with tools for resolution of surface conflicts	STK OI EN
Enabled by	ASMGCS-0104	Community Specifications on A-SMGCS Surveillance & Airport Safety Nets	OI EN
Enabled by	REG-HNA-09	Regulatory Provisions for Surface Movement Control workstation (vehicle alerts)	EN
Enabled by	STD-HNA-03	Non-ICAO Standards for 'Surface movement control workstation equipped with a system to provide alerts for vehicles'	EN
Deployed with	AERODROME-ATC-06	A-SMGCS incorporating the function that detects Conflicting ATC Clearances (CATC) for runway operations	STK OI EN DS PCP
Deployed with	AERODROME-ATC-07	A-SMGCS incorporating the function that provides Conformance Monitoring Alerts for Controllers (CMAC) on the movement area	STK OI EN DS PCP

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

Standards: No associated data

OBJ Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

PJ SESAR Workpackages: No associated data

