



AERODROME-ATC-87 — RWSL management tool fed with airport surveillance data to determine runway usage and to control the airfield Runway Status Lights

The Runway Status Lights (RWSL) is a surveillance driven system that manages automatically new airfield lights to indicate to Flight Crews and Vehicle Drivers when it is unsafe to enter, use or cross a runway. Those new airfield lights can be composed of Runway Entrance Lights (REL), Take-off Hold Lights (THL) and/or Runway Intersection Lights (RIL). A management tool is required to implement the defined RWSL safety logic in order to determine the runway usage and to control the new airfield lights accordingly. The determination of the runway usage uses the A-SMGCS Surveillance.

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 29-04-2016

V4 Start 29-04-2016

V5 Start 29-04-2018

V4 End 29-04-2018

V5 End 29-04-2020

Air Navigation Service Provider: 29-04-2021

Civil
Civil ATS Aerodrome Service Provider: 29-04-2021

Military
Military ATS Aerodrome Service Provider: 29-04-2021

Airport Operator: 29-04-2020

Civil
Civil APT operator: 29-04-2020

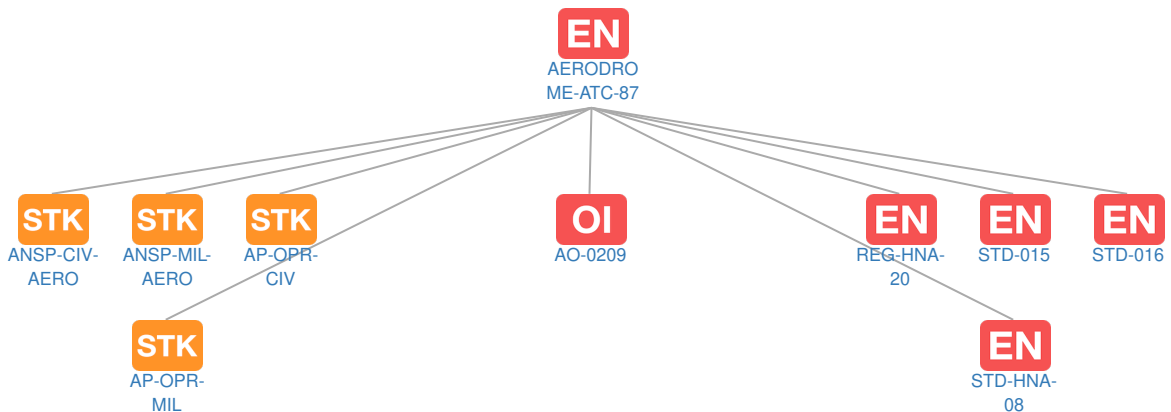
Military
Military APT operator: 29-04-2020

IOC 29-04-2021

FOC 29-04-2026

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-87				V4	V5																																						
AO-0209																																											

EN Dependent Enablers

Relationship	Code	Title	Related Elements
Enabled by	REG-HNA-20	Regulatory provisions for RWSL	
Enabled by	STD-015	Update ICAO Annex 14 to prescribe the meaning of RWSL visual signals	
Enabled by	STD-016	Harmonising standard defining interfaces and information exchanges of Runway Status Light Management Tool	
Enabled by	STD-HNA-08	Non-ICAO standard for RWSL	

PCP Elements: No associated data

STK Stakeholders

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

Standards: No associated data

Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

SESAR Workpackages: No associated data

