



# APP ATC 159 — Approach ATC system updated for Minimum Separation Based on Required Surveillance Performance (separation delivery)

Approach ATC system updated to provide the ATCO with:

- visual assistance of the minimum separation to be applied (Target Display Indicator),
- automated alerting of conflicts when this minima is violated (whilst avoiding false alerts during the use of non-wake turbulence pairwise separation).

**Category** SYSTEM

**Stakeholder** Air Navigation Service Provider

*Civil*

Civil ATS Approach Service Provider

*Military*

Military ATS Aerodrome Service Provider

**V3 End** 31-10-2019

**V4 Start** 31-10-2021

**V5 Start** 31-10-2024

**V4 End** 31-10-2024

**V5 End** 31-12-2025

**Air Navigation Service Provider: 31-12-2025**

*Civil*

Civil ATS Approach Service Provider: 31-12-2025

*Military*

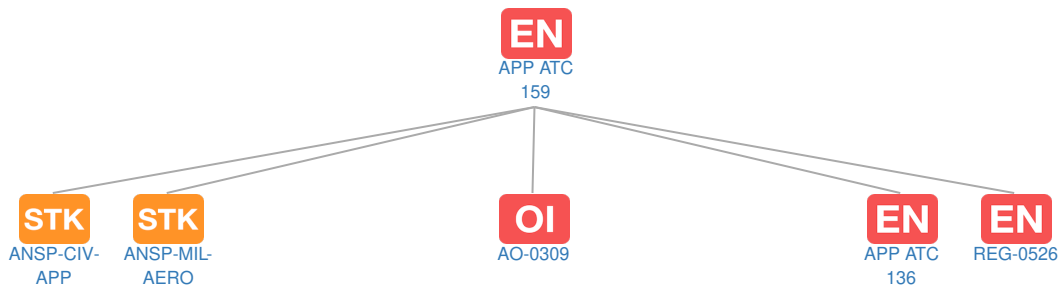
Military ATS Aerodrome Service Provider: 31-12-2025

**IOC** 31-12-2025

**FOC** 31-12-2030

## Context

### Related Elements



## 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													
APP ATC 159					▲			V4	V5	IOC - FOC																													
AO-0309																																							

## Dependent Enablers

Relationship	Code	Title	Related Elements
Has predecessor	APP ATC 136	Adapt STCA for Operation in TMA	
Enabled by	REG-0526	Regulatory provisions for Minimum-Pair separations based on RSP (Required Surveillance Performance)	

## PCP Elements: No associated data

## Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	
ANSP-CIV-APP	Civil ATS Approach Service Provider	
ANSP-MIL-AERO	Military ATS Aerodrome Service Provider	

## Standards: No associated data

## Implementation Objectives: No associated data

## Stakeholder Lines of Action (SLoAs): No associated data

## SESAR Workpackages: No associated data