



# A/C-02c — Enhanced Vertical positioning based on GNSS extended to TMA operation

Vertical navigation based on geometric reference in the TMA

**Category** SYSTEM

**Stakeholder** **Airspace User**

*Civil*

Civil Scheduled Aviation

Civil Business Aviation-Fixed Wing

Civil General Aviation

*Military*

Military Transport

**V3 End** 31-12-2023

**V4 Start** 31-12-2025

**V5 Start** 31-12-2027

**V4 End** 31-12-2027

**V5 End** 31-12-2027

**Airspace User: 31-12-2027**

*Civil*

Civil Scheduled Aviation: 31-12-2027

Civil Business Aviation-Fixed Wing: 31-12-2027

Civil General Aviation: 31-12-2027

*Military*

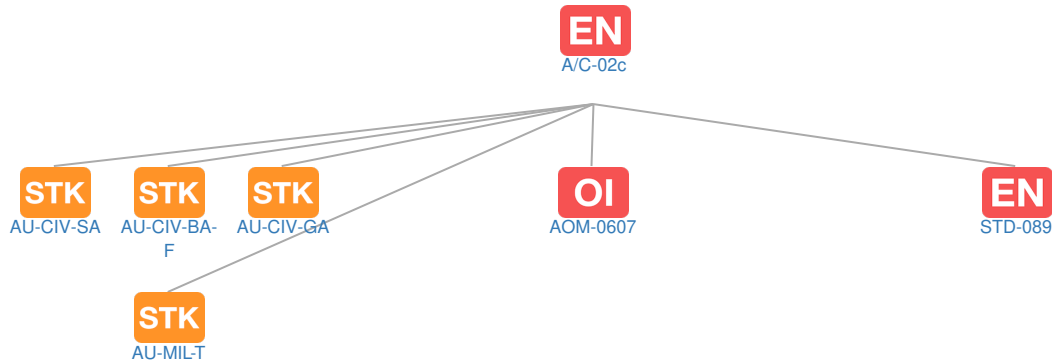
Military Transport: 31-12-2028

**IOC** 31-12-2030

**FOC** 31-12-2036

## 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																
A/C-02c														▲			V4																									
🔒 AOM-0607																																										

**EN** Dependent Enablers

Relationship	Code	Title	Related Elements
Enabled by	STD-089	Standards for efficient curved arrival and departure operations in the TMA	<b>STK</b> <b>EN</b>

**PCP** PCP Elements: No associated data

**STK** Stakeholders

Code	Title	Related Elements
AU	Airspace User	<b>EN</b>
AU-CIV-BA-F	Civil Business Aviation-Fixed Wing	<b>EN</b>
AU-CIV-GA	Civil General Aviation	<b>EN</b>
AU-CIV-SA	Civil Scheduled Aviation	<b>EN</b> 🧑⚙️
AU-MIL-T	Military Transport	<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