



# A/C-07 — Flight management and guidance for RNP transition to ILS/GLS/LPV

Flight management and guidance for curved approach (requiring FMS capable of Radius to Fix) with transition from RNP procedures in initial and intermediate approaches (RNP1/0.5) to xLS CAT I/II/III procedures in final approach with xLS meaning ILS, SLS (Satellite Landing System e.g. GPS/SBAS based LPV) or GLS (GBAS Landing System).

**Category** SYSTEM

**Stakeholder** Airspace User

*Civil*

- Civil Scheduled Aviation
- Civil Business Aviation-Fixed Wing
- Civil Business Aviation-Rotorcraft
- Civil General Aviation

*Military*

- Military Transport
- Military Fighter

**V3 End** 31-12-2009

**V4 Start** 31-12-2008

**V5 Start** 31-12-2010

**V4 End** 31-12-2010

**V5 End** 31-12-2010

**Airspace User: 31-12-2010**

*Civil*

- Civil Scheduled Aviation: 31-12-2010
- Civil Business Aviation-Fixed Wing: 31-12-2016
- Civil Business Aviation-Rotorcraft: 31-05-2019
- Civil General Aviation: 31-05-2019

*Military*

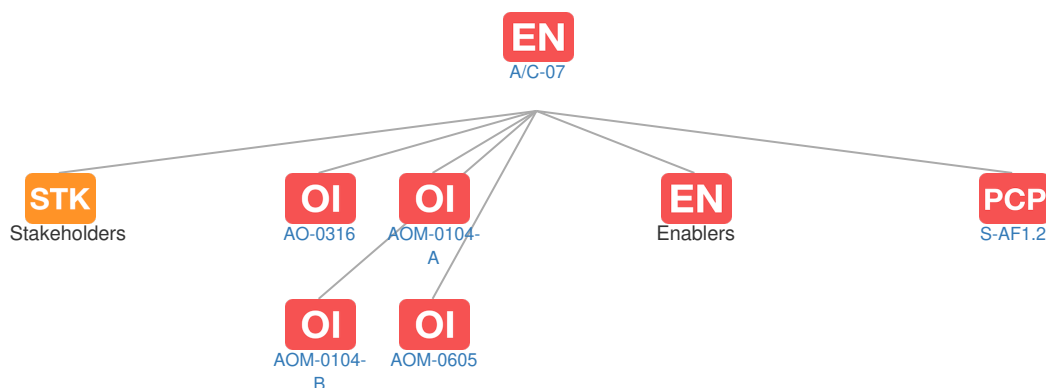
- Military Transport: 31-05-2020
- Military Fighter: 31-05-2020

**IOC** 31-12-2020

**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	
A/C-07								IOC - FOC																			
AO-0316																											
AOM-0104-A																											
AOM-0104-B																											
AOM-0605																											




## EN Dependent Enablers

Relationship	Code	Title	Related Elements
Has predecessor	A/C-01	Enhanced positioning for LPV/RNP based on Single Frequency SBAS	STK OI EN DS
Has predecessor	A/C-02b	Enhanced positioning using multi constellation GNSS dual frequency	STK OI EN DS
Has predecessor	A/C-04	Flight management and guidance for improved lateral navigation in approach via RNP	STK OI EN DS
Has predecessor	A/C-06	Flight management and guidance for LPV approach based on SBAS	STK OI EN DS
Is synchronised with	CTE-N06	Space Based Augmentation System (SBAS)	STK  OI EN DS
Is synchronised with	CTE-N06a	EGNOS V2.4.X	OI EN OBJ DS
Is synchronised with	CTE-N07a	GBAS Cat I based on Single-Constellation / Single-Frequency GNSS (GPS L1)	STK OI EN EN
Enabled by	BTNAV-STD-06	Update ICAO PANS-ATM for RNAV/RNP, curved approaches and Initial 4D capabilities	EN
Enabled by	REG-0009	AMC for Curved Approaches	OI EN
Enabled by	REG-HNA-04	AMC for RNP transition to ILS/GLS/LPV	EN

## PCP PCP Elements

Code	Title	Related Elements
S-AF1.2	Enhanced Terminal Airspace using RNP-Based Operations	SOL OI EN OBJ

## **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-BA-R	Civil Business Aviation-Rotorcraft	<b>EN</b>
AU-CIV-GA	Civil General Aviation	<b>EN</b>
AU-CIV-SA	Civil Scheduled Aviation	<b>EN</b> 
AU-MIL-F	Military Fighter	<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