



A/C-06 — Flight management and guidance for LPV approach based on SBAS

Flight management and guidance for Localizer Precision with Vertical guidance approach (LPV) based on Satellite Based Augmentation System (SBAS)

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 31-12-2008

V4 Start 31-12-2018

V5 Start 31-12-2020

V4 End 31-12-2020

V5 End 31-12-2020

Airspace User: 31-12-2020

Civil

- Civil Scheduled Aviation: 31-12-2020
- Civil Business Aviation-Fixed Wing: 31-12-2011
- Civil Business Aviation-Rotorcraft: 31-12-2010
- Civil General Aviation: 31-12-2019

Military

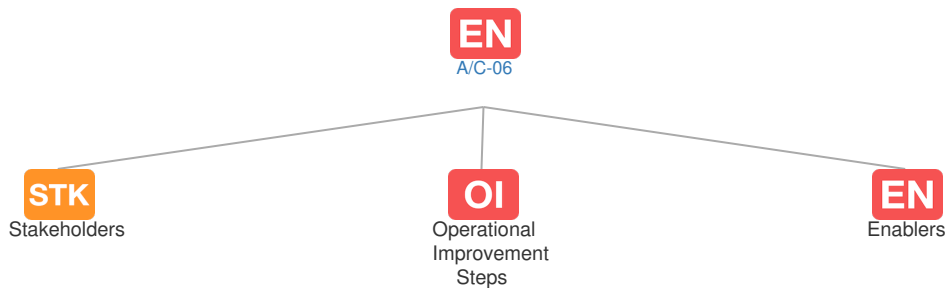
- Military Transport: 31-12-2020
- Military Fighter: 31-12-2020

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-06					V4																						
🔒 AO-0316																											
🔒 AOM-0104-A																											
🔒 AOM-0104-B																											
🔒 AOM-0604																											
➔ AO-0308																											
➔ AO-0319																											
➔ AO-0320																											
➔ AO-0321																											
➔ AO-0322																											
➔ AO-0331																											

EN Dependent Enablers

Relationship	Code	Title	Related Elements
Supporting	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 successor	A/C-07	Flight management and guidance for RNP transition to ILS/GLS/LPV	STK OI EN DS PCP
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 ⚙️
Enabled by	BTNAV-STD-06	Update ICAO PANS-ATM for RNAV/RNP, curved approaches and Initial 4D capabilities	EN
Enabled by	PRO-AC-06	Cockpit Procedures for LPV approach based on SBAS	STK OI EN DS
Enabled by	REG-HNA-03	AMC for LPV approach based on SBAS	EN

PCP PCP Elements: No associated data

STK Stakeholders

Code	Title	Related Elements
AU	Airspace User	EN
AU-CIV-BA-F	Civil Business Aviation-Fixed Wing	EN
AU-CIV-BA-R	Civil Business Aviation-Rotorcraft	EN
AU-CIV-GA	Civil General Aviation	EN
AU-CIV-SA	Civil Scheduled Aviation	EN  
AU-MIL-F	Military Fighter	EN  
AU-MIL-T	Military Transport	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