



A/C-04a — Flight management and guidance for Advanced RNP

Flight management and guidance for Advanced RNP i.e. RNP1 with more deterministic FRT in En-route, RNP1 and RF in TMA, RNP0.3 with RF in Approach

Category SYSTEM

Stakeholder Airspace User

Civil

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

Military

- Military Transport

V3 End 31-12-2008

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 General Aviation: 31-12-2010

Military

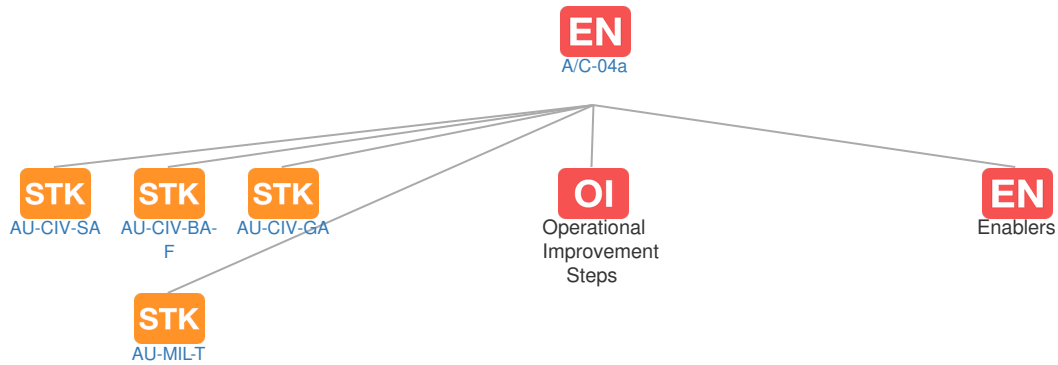
- Military Transport: 31-12-2010

IOC 31-12-2019

FOC 31-12-2025

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		
A/C-04a																												
🔒 AO-0316																												
🔒 AOM-0404																												
➔ AO-0308																												
➔ AO-0319																												
➔ AO-0320																												
➔ AO-0321																												
➔ AO-0322																												
➔ AO-0331																												
➔ AOM-0500																												
➔ AOM-0501																												
➔ AOM-0505																												
➔ CM-0604																												

Dependent Enablers

Relationship	Code	Title	Related Elements
Enabled by	BTNAV-STD-01	Enhanced navigation capability to support CTA	EN 📄
Enabled by	BTNAV-STD-02	Navigation Performance in ICAO provisions for Enhanced CTA	OI EN DS 📄
Enabled by	BTNAV-STD-06	Update ICAO PANS-ATM for RNAV/RNP, curved approaches and Initial 4D capabilities	EN
Enabled by	REG-0010	AMC for Advanced RNP	EN
Enabled by	REG-0500	Regulatory Provisions for Performance-Based Navigation (PBN) implementation	OI EN DS PCP
Enabled by	STD-001	ICAO Annex 11 SARPs to reintroduce the FRT designator for ATS RNP routes	EN 📄
Enabled by	STD-002	PANS-ATM to include RT phraseology for Tactical Parallel Offset (TPO) and FRT	EN 📄

PCP Elements: No associated data

Stakeholders

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



Standards: No associated data



Implementation Objectives: No associated data



Stakeholder Lines of Action (SLoAs): No associated data



SESAR Workpackages: No associated data