



AO-0316 — Increased Airport Performance through Independent (parallel or convergent) IFR Rotorcraft Operations

Using Rotorcraft specific independent IFR procedures to/from Final Approach & Take-Off areas (FATO) located at airports will remove IFR rotorcraft from active runways and allow aircraft and rotorcraft simultaneous non-interfering operations (SNI).

This rotorcraft specific independent IFR procedure will include (parallel or convergent) Point-in-Space (PinS) procedure to enable access to/depart from VFR FATO. When reaching the PinS, the pilot shall decide either to proceed to a landing or to abort the approach. The PinS is also the MAPT (Missed Approach Point).

In case of IFR FATO implemented for SNI IFR operations, the specific independent IFR procedure could be designed as a direct procedure.

- Rationale** Expected benefits are:
- increased safety (no rotorcraft in runway traffic results in more homogeneous approach speeds and reduces the risk of longitudinal separation loss)
 - increased runway throughput via dedicated procedures for rotorcraft accessing the airport:
 - a) removing IFR rotorcraft operations from current runway flow
 - b) reducing the number of potential go-around (with more homogeneous approach speeds)
 - increased passenger throughput (airport capacity) thanks to more rotorcraft operations enabled
 - noise reduction (rotorcraft accessing the airport via dedicated procedures will produce less noise than using the current 3° glide slope, a far-from-optimum approach for rotorcraft)
 - improved flight efficiency through shortened approaches for IFR rotorcraft operations (fuel / flying time).

Forecast V3 end date 30-09-2019

Benefits start date (IOC) 19-10-2022

Full benefits date (FOC) 31-12-2026

Current Maturity Level V2 finalised

Solution Data Quality Index -

Current Maturity Phase R&D

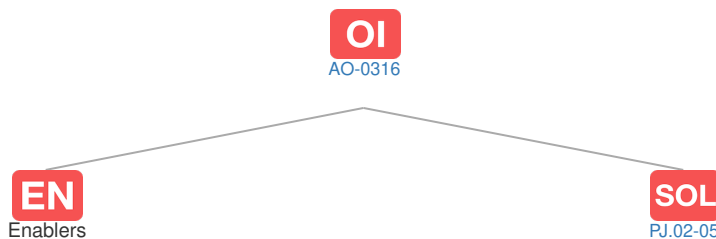
Scope -

Release R9

PCP Status -

Context

Related Elements



EN Enablers

Code	Dates																										
	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	
AO-0316																											
🔒 A/C-01																											
🔒 A/C-04																											
🔒 A/C-04a																											
🔒 A/C-04b																											
🔒 A/C-06																											
🔒 A/C-07																											
🔒 PRO-251																											
➔ A/C-02a																											
➔ A/C-23a																											
➔ AIMS-23																											
➔ BTNAV-0502																											
➔ BTNAV-0503																											
➔ BTNAV-0504																											
➔ CTE-N07a																											
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➔ METEO-05c																											
➔ REG-0009																											
➔ STD-025																											
➔ STD-043																											
➔ STD-067																											

OI Dependent OI Steps: No associated data

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.02-05	Independent Rotorcraft operations at the Airport	SESAR 2020 Wave 1	SOL PJ OI DS EOC

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data



ICAO Block Modules: No associated data