



AO-0320 — Enhanced Arrival Procedures using Increased Glide Slope (IGS)

Enhanced arrival procedures using Increased Glide Slope (IGS) will allow inbound aircraft to reduce noise footprint (environmental benefit). IGS procedures are published approaches which feature a glide slope between the published one (commonly 3 degrees) and 4.49 degrees (limit above which steep approach concept applies), in order to provide a significant reduction in ground noise level (order of magnitude: -3 dBA in approach between 15 NM and 4 NM from runway threshold).

Rationale While in today's environment most airports are providing ILS straight-in precision approaches at a standard glide slope of 3°, there is an operational need for reducing the noise below final approach (environmental benefit). This can be done by increasing the final glide slope (published as an alternate final procedure) which can be captured before FAP (at any time during approach phase).

Forecast V3 end date 31-08-2019

Benefits start date (IOC) 31-08-2026

Full benefits date (FOC) 31-08-2030

Current Maturity Level V2 finalised

Solution Data Quality Index -

Current Maturity Phase R&D

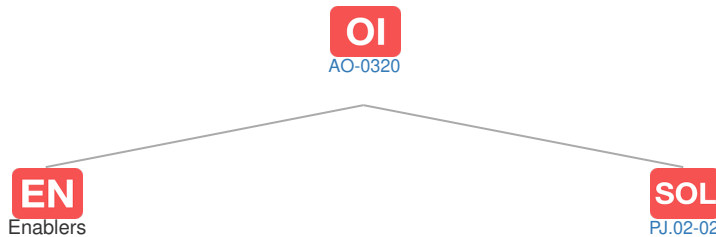
Scope -

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-0320																																							
🔒 AERODROME-ATC-71					▲			V4		V5			IOC - FOC																										
🔒 APP ATC 114				▲				V4		V5			IOC - FOC																										
➔ A/C-01						V4					IOC - FOC																												
➔ A/C-02a			▲	V4												IOC - FOC																							
➔ A/C-02b								▲			V4				IOC - FOC																								
➔ A/C-04																																							
➔ A/C-04a																IOC - FOC																							
➔ A/C-05a																IOC - FOC																							
➔ A/C-06										V4					IOC - FOC																								
➔ A/C-56a			▲							V4					IOC - FOC																								
➔ A/C-56b																																							
➔ A/C-86								▲					V4			IOC - FOC																							
➔ A/C-87								▲					V4			IOC - FOC																							
➔ CTE-N06																																							
➔ CTE-N07																																							
➔ CTE-N07a																IOC - FOC																							
➔ CTE-N07b																																							
➔ CTE-N07c																																							
➔ METEO-04c																																							
➔ METEO-05c																																							

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	AO-0328	Optimised Runway Delivery on Final Approach	SOL OI EN DS ICAO

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.02-02	Enhanced Arrival Procedures	SESAR 2020 Wave 1	SOL PJ OI DS EOC ICAO

PCP PCP Elements: No associated data

 Implementation Objectives: No associated data

 ICAO Block Modules: No associated data