



AOM-0606 — Enhanced Parallel Approach Operations using PBN/RNP transitions to xLS

Independent Parallel Approach operations are enhanced through the application of PBN/RNP navigation specifications with a transition to xLS final approach segments. This is expected to operate in high/medium/low complexity/density environments.

Rationale The use of PBN/RNP transitions to xLS in parallel approach operations will provide alternative options for implementation of Independent Parallel Approaches (IPA), and will offer potential improvements in safety, cost effectiveness, capacity and environmental impact. In high density environments, dedicated procedures in the initial approach will guarantee an effective use of PBN under high traffic peaks. In medium/low environments, flight efficiency and environmental benefits may be easier to maximise.

Forecast V3 end date 31-12-2021

Benefits start date (IOC) 31-12-2007

Full benefits date (FOC) 31-12-2013

Current Maturity Level V2

Solution Data Quality Index -

Current Maturity Phase R&D

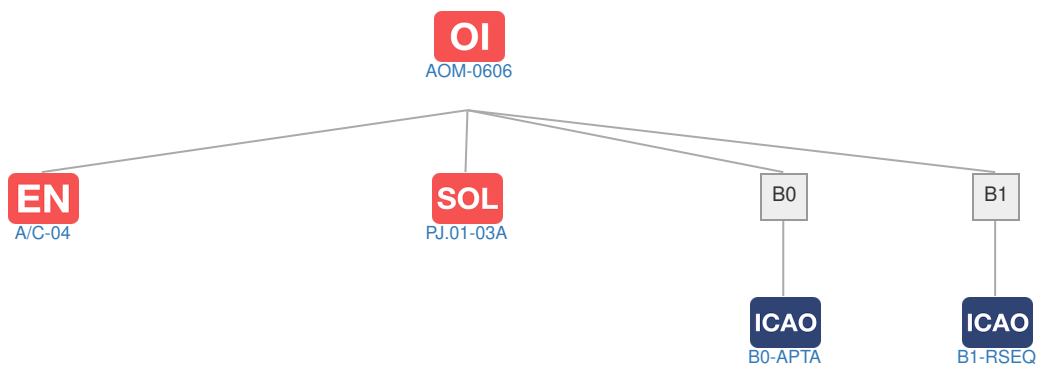
Scope -

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																					
AOM-0606																																															
A/C-04																																															

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	AOM-0602	Enhanced terminal operations with APV using Barometric VNAV	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">SOL</div> <div style="border: 1px solid black; padding: 2px;">OI</div> <div style="border: 1px solid black; padding: 2px;">EN</div> <div style="border: 1px solid black; padding: 2px;">OBJ</div> <div style="border: 1px solid black; padding: 2px;">DS</div> <div style="border: 1px solid black; padding: 2px;">ICAO</div> </div>

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.01-03A	Improved Parallel Operations	SESAR 2020 Wave 1	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">PJ</div> <div style="border: 1px solid black; padding: 2px;">OI</div> <div style="border: 1px solid black; padding: 2px;">DS</div> <div style="border: 1px solid black; padding: 2px;">EOC</div> <div style="border: 1px solid black; padding: 2px;">ICAO</div> </div>

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO ICAO Block Modules

Designator	Title	Related Elements
B0		
B0-APTA	Improved Airport Accessibility	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">SOL</div> <div style="border: 1px solid black; padding: 2px;">OI</div> <div style="border: 1px solid black; padding: 2px;">OBJ</div> </div>
B1		
B1-RSEQ	Improved Airport operations through Departure, Surface and Arrival Management	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">SOL</div> <div style="border: 1px solid black; padding: 2px;">OI</div> <div style="border: 1px solid black; padding: 2px;">OBJ</div> <div style="border: 1px solid black; padding: 2px;">PCP</div> </div>