



INTERNATIONAL CIVIL AVIATION ORGANIZATION

Eighth Meetings of the SAT Implementation Management Group (SAT IMG/8)

Virtually, 19-20 October 2026

Agenda Item 4: SAT Documentation

Review of SAT Doc 003 - Application of Separation Minima in the EUR/SAM Corridor

(Presented by *ENAIRE* on behalf of *ESCIT*)

SUMMARY	
This working paper proposes updating Appendix A of SAT Doc 003 to reflect the separation minima tables agreed and currently implemented/planned by the participating ANSPs.	
<i>Strategic Objectives</i>	

1. INTRODUCTION

1.1 The current SAT Doc 003 contains separation tables that no longer fully reflect implementation status and planned capabilities within the EUR/SAM Corridor. The revised tables incorporate updates including PBCS-based minima, ATS Surveillance-based separations, implementation schedules for ASECNA ASEPS and updated longitudinal separation provisions.

2. DISCUSSION

2.1 The amendment updates ANSP applicability, communication/ navigation/ surveillance requirements, ICAO references and implementation notes for lateral and longitudinal separations.



2.2 Lateral Separation

SEPARATION TYPE	LATERAL - Non Intersecting								
	ANSP Status				COMMS/NAVIGATION/SURVEILLANCE REQUIREMENTS			ICAO REFERENCES	
	SBAO	GOOO	GVSC	GCCC	C	N	S	PANS	NOTES
50NM	YES	YES	YES	YES		RNP 4 or RNP 10		5.4.1.2.1.6	
23NM	YES	YES	YES	YES	RCP 240	RNP 4	RSP 180	5.4.1.2.1.8	From 26 November 2026
20 NM					RCP 240	RNP 4	ATS Surveillance	8.7.4.1	With ASECNA plans for ASEPS implementation planned for 2026
LATERAL - Intersecting									
50NM	YES	YES	YES	YES		RNP 10		5.4.1.2.1.8.b	
23NM	YES	YES	YES	YES	RCP 240	RNP 4	RSP 180	5.4.1.2.1.8	From 26 november 2026
				YES	VHF	RNP 2 / GNSS		5.4.1.2.1.8	Distance from common point 15NM below FL195
20 NM					RCP 240	RNP 4	ATS Surveillance	8.7.4.1	With ASECNA plans for ASEPS implementation planned for 2026



2.3 Longitudinal Time Separation

SEPARATION TYPE	LONGITUDINAL TIME - Same Direction / Crossing Track									
	ANSP Status				COMMS/NAVIGATION/SURVEILLANC			SAME LEVEL / CLIMB DESCEND / BOTH	ICAO REFERENCES	
	SBAO	G000	GVSC	GCCC	C	N	S		PANS	NOTES
15 minutes	YES	YES	YES	YES	HF			Both	5.4.2.2.1.1.a 5.4.2.2.2.1.a 5.4.2.2.1.2.a 5.4.2.2.2.2.a	This separation would also be used in Contingency Scenarios
10 minutes (UP TO 89°)					HF	NAVAIDS / GNSS	ADS-C or ATS Surveillance	Both	5.4.2.2.1.1.b 5.4.2.2.2.1.b	ADS C: Contract period: 20 min
10 minutes (MNT)	YES	YES	YES	YES	HF			Both	5.4.2.4.3.1	Reported common point same track or continuously diverging
9 to 5 minutes (MNT)	YES	YES	YES	YES	HF			Both	5.4.2.4.3.2	Same track / diverging
5 minutes (UP TO 89°)	YES	YES	YES	YES	RCP 240	RNP 2 / 4 / 10	RSP 180	Both	5.4.2.9.2.b	Contract period: 14 min
LONGITUDINAL TIME - Opposite Direction										
15 minutes	YES	YES	YES	YES	HF			Both	n/a	
10 minutes	YES	YES	YES	YES	HF			Both	5.4.2.2.3	Reported passing over a common point
5 minutes	YES	YES	YES	NO	RCP 240	RNP 2 / 4 / 10	RSP 180	Both	5.4.2.9.3	Contract period: 14 min



2.4 Longitudinal Distance Separation

SEPARATION TYPE	LONGITUDINAL DISTANCE - Same Direction / Crossing Track									
	ANSP STATUS				COMMS/NAVIGATION/SURVEILLANC			SAME LEVEL / CLIMB DESCEND / BOTH	ICAO REFERENCES	
	SBAO	GOOO	GVSC	GCCC	C	N	S		PANS	NOTES
50NM	YES	YES	YES	YES	RCP 240	RNP 4 or RNP 10	RSP 180	Both	5.4.2.9.2.b	Contract period: RNP 4: 32 min RNP 10: 27 min
30NM	YES	YES	YES	YES	RCP 240	RNP 2 or RNP 4	RSP 180	Both	5.4.2.9.2.b	Contract period: 12 min
25NM					RCP 240	RNP 2 / 4 /10	ADS C	Climb/Descend	5.4.2.8.1.b	DECEA implementation planned for April 2026
20NM (Up to 89°)					VHF	GNSS	ATS Surveillance	Same Level	5.4.2.3.1	
20 NM					RCP 240	RNP 4	ATS Surveillance		8.7.4.1	With ASECNA plans for ASEPS implementation planned for 2026
15 NM					RCP 240	RNP 2 / 4 /10	ADS C	Climb/Descend	5.4.2.8.1.b	
LONGITUDINAL DISTANCE - Opposite Direction										
50NM	YES	YES	YES	YES	RCP 240	RNP 4 or RNP 10	RSP 180	Both	5.4.2.9.3	Contract period: RNP 4: 32 min RNP 10: 27 min
30NM	YES	YES	YES	YES	RCP 240	RNP 2 / 4 /10	RSP 180	Both	5.4.2.9.3	Contract period: 12 min



3. ACTION BY THE MEETING

- 3.1.** The meeting is invited to note the information provided.
- 3.2.** The meeting is invited to review and approve the revised separation minima tables for incorporation into a new edition/revision of SAT Doc 003.

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