

ASECNA Seminar on the Implementation of Space Weather Requirements for Aviation: From Awareness to Operational Readiness

(Dakar, Senegal, 8 - 12 December 2025)

Provisional Agenda

Time (UTC)	Item #	Agenda items	Responsible
		<i>Day one</i>	
09:00 – 09:30	0	Opening <ul style="list-style-type: none"> Opening remarks Adoption of the work programme 	ICAO
09:30 – 10:15	1	Session 1: Understanding Space Weather <ul style="list-style-type: none"> 1.1. Definition and sources of space weather phenomena 1.2. Effects on aviation (HF communication, GNSS, radiation exposure, etc) 1.3. Effects on CNS/ATM/MET systems 	ICAO
10:15 - 10:45		Coffee - Break	
10:45 – 12:15	2	Session 2: ICAO Requirements and Global Framework <ul style="list-style-type: none"> 2.1. Overview of ICAO Annex 3 provisions 2.2. Integration into the Global Air Navigation Plan (GANP) 2.3. Role of ICAO-designated global and regional space weather centres 	ICAO
12:15 - 13:15		Lunch - Break	
13:15 – 15:00		Session 2 (Cont'd) <ul style="list-style-type: none"> 2.4. Operational framework for the provision of Space Weather (SWX) advisory information 2.5. Response to Space Weather Events (Actions by MET authorities, ANSPs, Operators, regulators, etc.) 	ICAO
		<i>Day two</i>	
09:00-09:15		Recap of Day 1	
09:15 – 10:30	3	Session 3: Space Weather Reporting and Communication	ICAO

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		3.1. Space weather advisories (SWXAs): types, format 3.2. Breakout sessions – Exercises on SWXAs	
10:30 - 11:00		Coffee - break	
11:00 – 12:30	3	Session 3 (Cont'd)	ICAO
		3.3. Dissemination of space weather advisories and role of MET units 3.4. Stakeholder responsibilities	
12:30 – 13:30		Lunch break	
13:30 – 15:00	4	Session 4: Integrating Space Weather into National MET and ATM Systems	ICAO
		4.1. Coordination protocols between SWX centers and national MET services 4.2. Inclusion in MET contingency plans 4.3. Panel discussions	
		<i>Day three</i>	
09:00-09:15		Recap of Day 2	
09:15 – 10:30	5	Session 5: Developing a National Implementation Plan	ICAO
		5.1. Steps to implement SWX requirements	
10:30 - 11:00		Coffee - Break	
11:00 – 12:30	6	Session 6: SWX Advisory Interpretation – Hands-On Exercise	ICAO
		6.1. Issuance and dissemination of space weather related messages 6.2. Using SWX advisories in flight planning and operations	
12:30 – 13:30		Lunch Break	
13:30 – 15:00		Session 7: Costs related to space weather information services	ICAO
		7.1. Overview of Space Weather Cost Recovery	

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		<i>Day four</i>	
09:00-09:15		Recap of Day 3	
09:15 – 10:30	8	Session 8: Planification de la mise en œuvre de la météorologie de l'espace	Working Groups
		8.1. Group work 1: Identification of training needs and stakeholders 8.2. Group work 2: Challenges and opportunities in providing space weather information 8.3. Debriefing of groups 1 and 2	
10:30 - 11:00		Coffee - Break	
11:00 – 12:30		Session 8 (Cont'd)	Working Groups
		8.4. Group work 3: Development of a roadmap for the implementation of space weather in the Member States of ASECNA	
12:30 - 13:30		Lunch Break	
13:30 - 15:00		Session 8 (Cont'd)	Working Groups
		8.4. Group work 3 (Suite) 8.5. Debriefing Panel 3	
		<i>Day five</i>	
09:00 – 10:30	11	Session 10 Wrap-up and closing	ICAO
		10.1. Summary of Key Outcomes 10.2. Next Steps and Follow-Up Actions	
10:30 - 11:00		Coffee - Break	
11:00 – 12:00		10.3. Closing Remarks	ICAO
12:00 – 13:00		Lunch Break	