

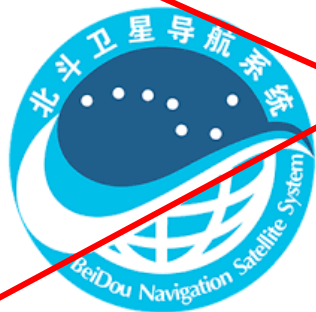
Aviation Global Navigation Satellite System (GNSS)

Radio Frequency Interference (RFI)

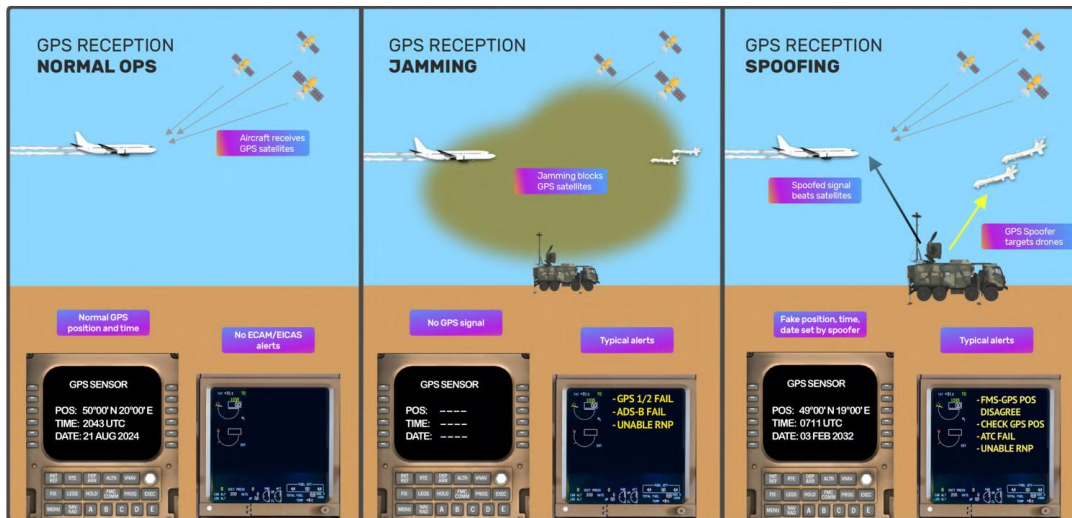


Ann Gylden, Swedish Transport Agency

GNSS?



Radio Frequency Interference

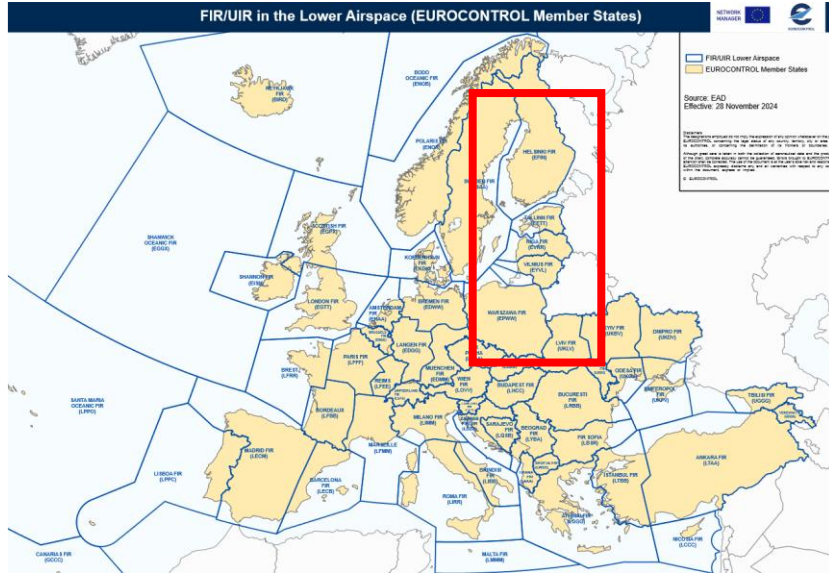


Flights affected by RFI

Average ratio	Estonia	Finland	Poland	Sweden	Latvia	Lithuania	
date	EETT	EFIN	EPWW	ESAA	EVRR	EYVL	Grand Total
2024-05	22.54%	10.20%	2.77%	1.27%	5.73%	2.76%	7.55%
2024-06	22.97%	9.21%	3.55%	1.59%	5.27%	3.08%	7.61%
2024-07	25.07%	19.45%	4.69%	1.63%	5.21%	4.08%	10.02%
2024-08	29.58%	24.59%	2.97%	1.11%	6.29%	5.31%	11.64%
2024-09	24.94%	24.06%	3.85%	1.59%	5.78%	5.90%	11.02%
2024-10	20.08%	21.50%	6.80%	2.41%	5.13%	6.22%	10.35%
2024-11	27.78%	24.78%	11.59%	3.30%	10.70%	18.52%	16.11%
2024-12	30.68%	21.90%	14.73%	7.41%	18.14%	29.88%	20.46%
2025-01	38.71%	28.59%	14.48%	7.43%	20.60%	28.53%	23.06%
2025-02	34.14%	22.69%	22.96%	7.63%	17.44%	40.08%	24.16%
2025-03	32.68%	22.24%	20.59%	7.84%	17.91%	30.02%	21.88%
2025-04	31.89%	23.03%	25.52%	12.27%	29.58%	42.51%	27.47%
2025-05	35.35%	26.76%	28.42%	14.87%	34.34%	52.41%	32.02%
2025-06	40.38%	32.65%	39.86%	26.90%	56.68%	72.05%	44.75%
2025-07	43.28%	34.37%	28.01%	17.95%	44.30%	57.78%	37.61%
2025-08	41.47%	30.29%	28.66%	19.31%	43.48%	58.34%	36.93%



EU-project to ICAO



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[Home](#) > [News & Events](#) > [News](#) > [EU welcomes UN aviation agency's condemnation of Russia for undermining global aviation safety](#)

NEWS ARTICLE | 3 October 2025 | Directorate-General for Mobility and Transport | 1 min read

EU welcomes UN aviation agency's condemnation of Russia for undermining global aviation safety

The International Civil Aviation Organization (ICAO), during its 42nd Assembly, has today formally **condemned Russia for repeatedly interfering with Global Navigation Satellite System (GNSS) signals in Europe**. The Assembly reaffirmed that harmful GNSS interference, including jamming and spoofing, undermines the **foundations of global aviation safety and violates the Chicago Convention**, the founding treaty of ICAO.

Based on evidence presented by six EU Member States – **Estonia, Finland, Latvia, Lithuania, Poland, and Sweden** – the Assembly recognised that the source of harmful GNSS interference affecting air operations in the Baltic, Eastern, and Northern European regions **originates from Russia**.

Despite ICAO's calls urging Russia to cease these activities, no corrective actions or engagement have occurred. The Assembly urgently called for Russia to halt this interference and fulfill its international obligations. Additionally, it requested that all ICAO States be promptly informed of Russia's condemnation and its violation of the Chicago Convention.

Commissioner for Sustainable Transport and Tourism, **Apostolos Tzitzikostas**, said: *"The interference with GNSS services is completely unacceptable, and I welcome the unequivocal condemnation from ICAO Member States of these serious violations. Such disruptive activities pose a direct threat to aviation safety and security. It is imperative that those responsible are held fully accountable for their actions."*

European Union Aviation Safety Agency

Rule-making task

Reliance on satellite navigation

GPS signal manipulation leading to navigation or surveillance degradation

PLANNING MILESTONES					
SubT	Initiation	Consultation	Opinion	Commission IR	Decision
	2025-Q4	2026-Q3	2027	2028	2028



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