

AAMA activities

5 March 2026

Contents

Overview of AAMA activities

Australian airspace monitoring agency

- Up to date and on track
 - Altimetry System Error (ASE) monitoring
 - RVSM approvals and monitoring
 - PBCS monitoring

AustralianRVSM risk assessment

1 Jan – 31 Dec 2024; as presented to RASMAG/28

Brisbane, Honiara, Melbourne, Nauru, Port Moresby

- Technical risk of 0.084×10^{-9}
- Operational risk of 0.84×10^{-9}
- Total risk of 0.92×10^{-9}
- All below the TLS

Table 1: Summary of LHD occurrences by month for the period 1 January 2024 to 31 December 2024.

Month	Number of reported LHDs	Number of non-zero-duration LHDs	LHD duration (minutes)	Number of levels crossed
2024				
January	9	4	4	4
February	7	5	5.5	6.5
March	11	5	8	8.5
April	3	1	1	2
May	5	2	1.5	3.5
June	2	1	0.5	3
July	8	4	3	2.7
August	6	4	2.8	4
September	6	2	2	1
October	5	4	3.5	6.1
November	5	1	1	1.2
December	4	3	4	1
Total	71	36	36.8	43.5
Previous year (2023)	65	23	48.5	9.0

LHD category	LHD category description	2024			2023		
		Number LHDs	Duration of LHDs (minutes)	Number of levels crossed	Number LHDs	Duration of LHDs (minutes)	Number of levels crossed
A	Flight crew failing to climb/descend the aircraft as cleared	13	5.5	3.5	12	11.0	3
B	Flight crew climbing/descending without ATC clearance	10	6.8	8.3	5	3.3	4
C	Incorrect operation or interpretation of airborne equipment	12	2.5	1.5	16	0	0
D	ATC system loop error	6	6	5	15	19.5	0
E	Coordination errors in the ATC-to-ATC transfer or control responsibility as a result of human factors issues	18	6.5	10.5	12	13.0	0
F	Coordination errors in the ATC-to-ATC transfer or control responsibility as a result of equipment outage or technical issues	1	1	1	1	0	0
G	Deviation due to aircraft contingency event leading to sudden inability to maintain assigned flight level	4	4.5	10	1	1.0	1
H	Deviation due to airborne equipment failure leading to unintentional or undetected change of flight level	0	0	0	0	0	0
I	Deviation due to turbulence or other weather-related cause	2	2	1.7	1	0.2	1
J	Deviation due to TCAS resolution advisory; flight crew correctly following the resolution advisory	2	1	1	1	0.5	1
K	Deviation due to TCAS resolution advisory; flight crew incorrectly following the resolution advisory	0	0	0	0	0	0
L	An aircraft being provided with RVSM separation is not RVSM approved	0	0	0	0	0	0
M	Other	3	1	1	1	0	1
Total		71	36.8	43.5	65	48.5	9

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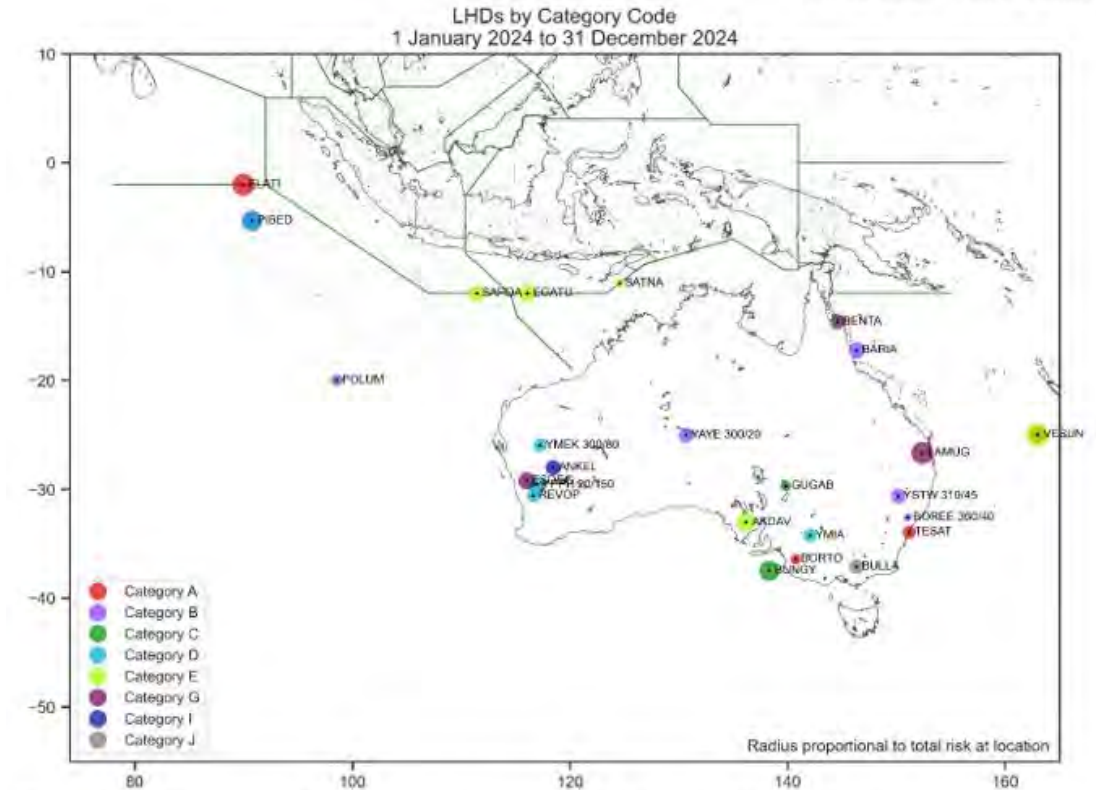


Figure 5: Geolocation of LHDs for Brisbane, Honiara, Melbourne, Nauru, and Port Moresby FIRs for the period 1 January 2024 to 31 December 2024.

Reported to ISPACG FANS1A meeting

- 2024 data – delivered Feb 2025.

FIR	YBBB					
Criteria	RSP180					
Period	January-June 2024			July-December 2024		
Colour Key Meets Criteria 99.0%-99.89% Under Criteria	Message Counts	95%	99.90%	Message Counts	95%	99.90%
		% <= 90sec	% <= 180sec		% <= 90sec	% <= 180sec
By Media Type						
SATCOM	541458	98.94	99.69	525880	98.65	99.56
VHF	908880	99.84	99.93	871120	99.83	99.92
HF	474	54.85	75.11	596	51.01	69.8
ALL	1450812	99.49	99.83	1397596	99.37	99.77

FIR	YMMM					
Criteria	RSP180					
Period	January-June 2024			July-December 2024		
Colour Key Meets Criteria 99.0%-99.89% Under Criteria	Message Counts	95%	99.90%	Message Counts	95%	99.90%
		% <= 90sec	% <= 180sec		% <= 90sec	% <= 180sec
By Media Type						
SATCOM	456090	99.25	99.78	456090	99.25	99.78
VHF	664029	99.67	99.87	664029	99.67	99.87
HF	333	41.44	63.06	333	41.44	63.06
ALL	1120452	99.48	99.82	1120452	99.48	99.82

FIR	YBBB									
Criteria	RCP240									
Period	January-June 2024				July-December 2024					
Colour Key Meets Criteria 99.0%-99.89% Under Criteria	Message Counts	95% benchmark		99.9% Benchmark		Message Counts	95% benchmark		99.9% Benchmark	
		ACP	ACTP	ACP	ACTP		ACP	ACTP	ACP	ACTP
		% <= 180sec	% <= 120sec	% <= 210sec	% <= 150sec		% <= 180sec	% <= 120sec	% <= 210sec	% <= 150sec
By Media Type										
SATCOM	14473	99.1	99.13	99.36	99.36	14465	99.15	99.18	99.49	99.5
VHF	26207	99.89	99.9	99.92	99.94	25172	99.83	99.91	99.9	99.95
HF	4	75	50	75	75	4	50	25	75	75
ALL	43673	99.54	99.54	99.67	99.68	42531	99.54	99.57	99.71	99.73

FIR	YMMM										
Criteria	RCP240										
Period	January - June 2024				July - December 2024						
Colour Key Meets Criteria 99.0%-99.89% Under Criteria	Message Counts	95% benchmark		99.9% Benchmark		Message Counts	95% benchmark		99.9% Benchmark		
		ACP	ACTP	ACP	ACTP		ACP	ACTP	ACP	ACTP	
		% <= 180sec	% <= 120sec	% <= 210sec	% <= 150sec		% <= 180sec	% <= 120sec	% <= 210sec	% <= 150sec	
By Media Type											
SATCOM		19951	99.51	99.47	99.64	99.63	20458	99.68	99.68	99.77	99.78
VHF		24901	99.8	99.87	99.91	99.93	28005	99.81	99.89	99.9	99.94
HF		5	60	20	60	40	9	55.56	55.56	66.67	55.56
ALL		46001	99.63	99.63	99.76	99.75	49595	99.72	99.74	99.81	99.83

Thank you