

RAAF Amberley NFPMS Report: August 2025

This page displays aircraft noise and flying activity data collected from the Defence NFPMS for RAAF Base Amberley.

Air Traffic by Category: All Flights

This table shows the breakdown of traffic by aircraft category.

Aircraft Category	Movements	% of total
Military Fast Jets	581	53.11%
Military Other Jets	166	15.17%
Military Turboprops	176	16.09%
Military Helicopters	0	0.00%
Civil Jets	6	0.55%
Civil Props	106	9.69%
Civil Helicopters	59	5.39%

Runway Use

This table shows runway use by aircraft category.

Aircraft Category	Runway 04	Runway 22	Runway 15	Runway 33
Civilian	1%	25%	31%	43%
Military	1%	1%	62%	36%

Movements by Hour and Category: All Flights

This table shows the aircraft movements by hour of day and operator category.

Aircraft Category	Hour of Day																							
	12am	1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm
Military	0	0	0	0	0	0	0	0	17	33	133	129	56	80	142	96	50	52	36	55	26	9	5	4
Civilian	0	1	1	0	0	1	1	4	4	15	17	14	24	14	9	26	19	4	7	1	8	1	0	0

Movements by Day and Category: All Flights

This table shows the aircraft movements by day and operator category.

Aircraft Category	Day of Month																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Military	17	15	21	17	9	3	17	17	18	21	17	7	5	32	23	24	23	18	13	10	17	28	29	28	47	10	13	28	19	16	31
Civilian	4	0	3	9	15	11	6	5	3	3	5	11	7	3	4	3	6	5	11	8	3	1	0	2	4	0	10	5	8	8	7

Total Events by Day

This table shows the count of daily noise events at each Noise Monitoring Terminal.

Noise Monitor	Day of Month																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RWY 33	34	27	4	70	69	76	34	26	15	6	75	78	51	50	44	15	19	109	42	35	26	35	3	4	48	75	82	37	26	16	74
RWY 15	36	24	9	81	64	72	47	35	14	11	96	54	47	52	46	24	20	124	54	42	33	26	1	7	59	66	41	24	19	6	74
RWY 04	24	25	4	55	62	52	35	19	11	6	62	55	49	38	40	12	9	112	47	36	22	24	4	2	51	59	49	28	18	25	25
RWY 22	23	8	2	63	49	52	26	15	13	6	72	61	53	38	38	18	10	103	50	33	18	30	6	2	49	59	48	19	15	22	19
Walloon	11	1	0	4	19	22	8	2	6	8	35	26	16	12	15	9	2	43	21	14	8	4	1	1	17	17	18	9	6	5	2
Kholo	5	3	3	1	5	2	4	1	1	1	2	1	8	4	8	1	1	12	4	0	2	3	5	3	8	9	3	2	4	2	3
Willowbank	8	6	0	14	4	14	20	6	9	4	20	16	7	9	9	2	2	38	20	18	12	4	1	0	14	32	23	2	1	3	5
Yamanto	15	18	3	40	38	39	19	11	13	3	44	39	33	26	21	9	6	69	29	24	16	23	3	3	34	50	39	24	14	9	29

Operator Category	
Military	Civil
1096	209
1099	209
946	114
924	96
331	31
41	70
307	16
649	94

N70 Events by Day

This table shows the count of daily noise events exceeding 70 dB(A) at each Noise Monitoring Terminal.

Noise Monitor	Day of Month																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RWY 33	24	4	4	63	63	73	31	18	13	6	72	78	47	40	34	7	4	98	38	35	25	27	1	1	43	68	74	32	25	11	22
RWY 15	24	6	6	72	61	66	42	28	10	5	94	52	43	39	41	15	5	117	40	37	31	20	1	2	54	62	37	23	16	3	16
RWY 04	10	0	0	47	42	41	22	6	3	1	50	49	39	29	22	4	1	70	18	22	15	15	1	0	25	32	33	22	13	5	2
RWY 22	10	0	0	54	33	43	18	2	4	2	61	57	44	34	18	9	2	70	29	25	12	21	3	0	23	31	38	17	14	10	12
Walloon	7	0	0	2	5	11	4	2	4	6	11	9	4	6	9	4	1	30	11	9	2	0	0	0	7	6	6	6	5	3	0
Kholo	0	1	0	0	1	0	1	0	0	0	0	0	0	1	2	1	0	0	1	0	0	1	0	0	1	0	0	1	1	0	1
Willowbank	4	0	0	13	3	10	18	2	7	4	19	15	6	7	7	0	1	30	17	17	9	4	1	0	11	22	17	2	0	3	0
Yamanto	11	3	0	33	28	31	12	5	7	3	37	35	29	23	15	2	3	43	21	20	11	9	1	0	23	29	20	19	11	4	6

Operator Category	
Military	Civil
1014	67
1011	57
627	12
657	39
169	1
7	6
248	1
480	14

N85 Events by Day

This table shows the count of daily noise events exceeding 85 dB(A) at each Noise Monitoring Terminal.

Noise Monitor	Day of Month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RWY 33	16	3	1	46	41	49	16	5	6	2	50	57	34	23	24	3	3	67	30	27	19	22	0	0	36	43	43	22	20	8	3	
RWY 15	21	1	4	57	49	46	36	17	9	5	66	45	33	36	36	13	1	85	37	34	29	15	1	2	45	50	14	18	13	1	1	
RWY 04	4	0	0	33	26	35	12	3	0	1	33	32	25	23	9	4	0	28	11	9	13	6	0	0	17	19	23	18	10	2	0	
RWY 22	7	0	0	36	21	27	12	1	0	1	34	35	33	25	10	4	0	37	9	12	7	8	0	0	8	15	23	8	10	0	0	
Walloon	0	0	0	0	0	0	2	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	0
Kholo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Willowbank	0	0	0	4	0	1	0	1	0	0	6	2	2	2	0	0	0	5	4	6	4	0	0	0	2	1	0	0	0	2	0	0
Yamanto	1	0	0	22	13	14	8	2	1	1	24	17	12	12	7	2	1	16	7	7	7	2	0	0	7	9	10	8	4	2	0	0

Operator Category	
Military	Civil
713	6
812	8
394	2
381	2
12	0
0	0
42	0
216	0