

RAAF BASE EAST SALE

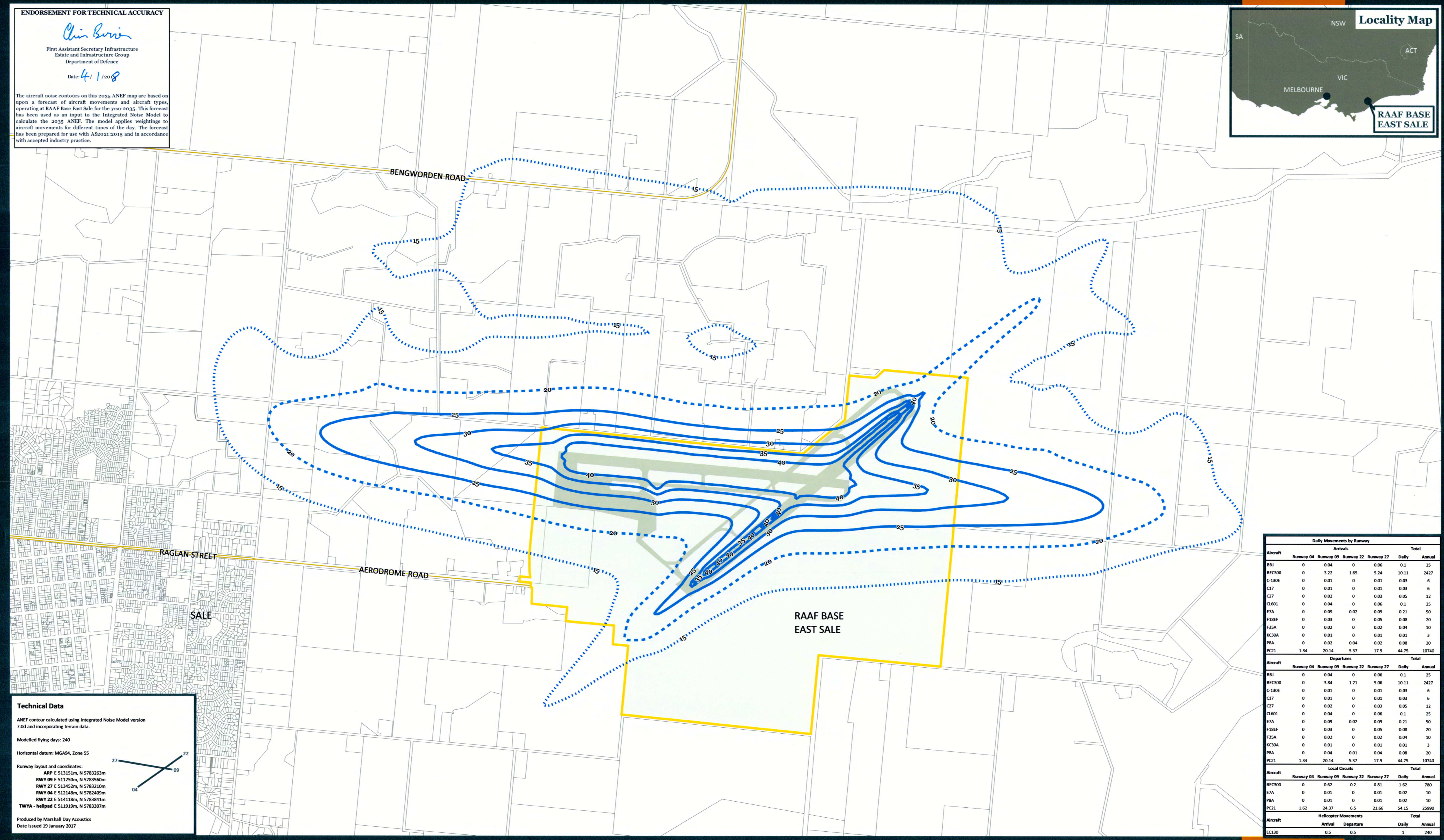
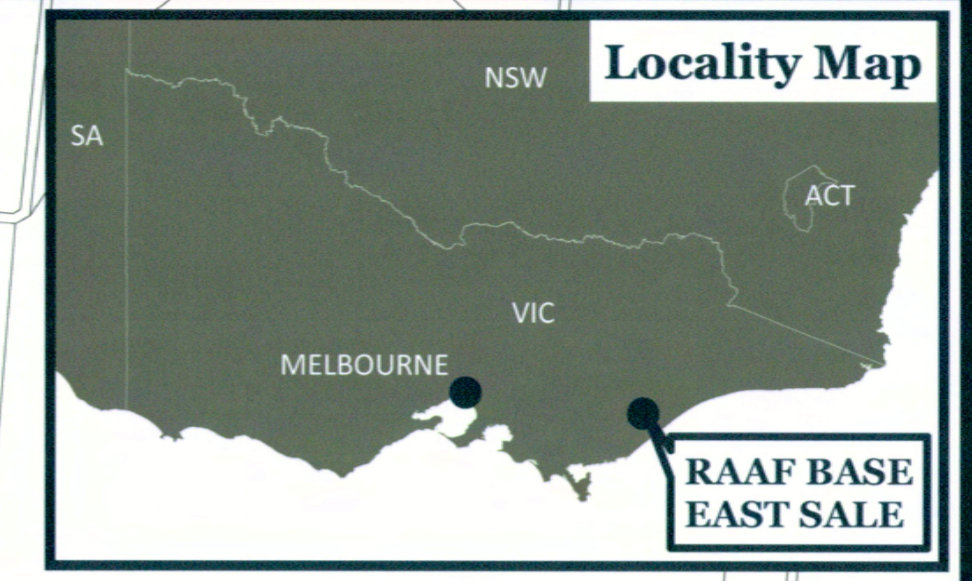
ENDORSEMENT FOR TECHNICAL ACCURACY

Chris Borin

First Assistant Secretary Infrastructure
Estate and Infrastructure Group
Department of Defence

Date: 4/1/2018

The aircraft noise contours on this 2035 ANEF map are based on a forecast of aircraft movements and aircraft types, operating at RAAF Base East Sale for the year 2035. This forecast has been used as an input to the Integrated Noise Model to calculate the 2035 ANEF. The model applies weightings to aircraft movements for different times of the day. The forecast has been prepared for use with AS2021:2015 and in accordance with accepted industry practice.



Technical Data

ANEF contour calculated using Integrated Noise Model version 7.0d and incorporating terrain data.

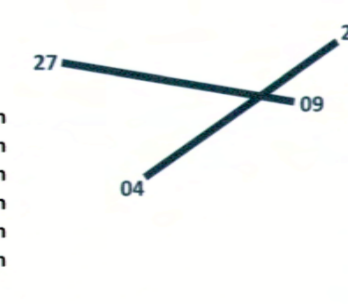
Modelled flying days: 240

Horizontal datum: MGA94, Zone 55

Runway layout and coordinates:

- ARP E 513151m, N 5783263m
- RWY 09 E 511250m, N 5783560m
- RWY 27 E 513452m, N 5783210m
- RWY 04 E 512148m, N 5782409m
- RWY 22 E 514110m, N 5783841m
- TWYA - helipad E 511919m, N 5783307m

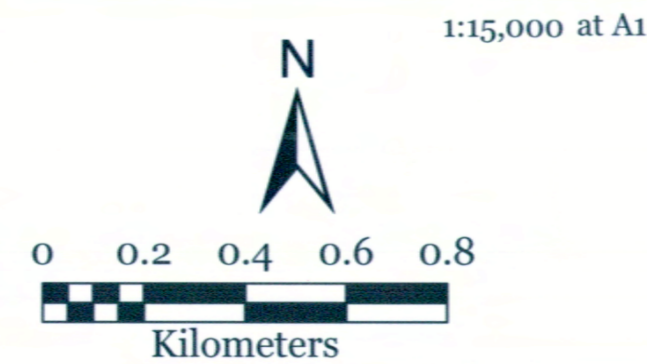
Produced by Marshall Day Acoustics
Date Issued 19 January 2017



Daily Movements by Runway						
Aircraft	Arrivals				Daily	Annual
	Runway 04	Runway 09	Runway 22	Runway 27		
BBJ	0	0.04	0	0.06	0.1	25
BEC300	0	3.22	1.65	5.24	10.11	2427
C-130E	0	0.01	0	0.01	0.03	6
CL7	0	0.01	0	0.01	0.03	6
CL7	0	0.02	0	0.03	0.05	12
CL601	0	0.04	0	0.06	0.1	25
E7A	0	0.09	0.02	0.09	0.21	50
F18EF	0	0.03	0	0.05	0.08	20
F35A	0	0.02	0	0.02	0.04	10
KC30A	0	0.01	0	0.01	0.01	3
P8A	0	0.02	0.04	0.02	0.08	20
PC21	1.34	20.14	5.37	17.9	44.75	10740
Departures						
Aircraft	Departures				Daily	Annual
	Runway 04	Runway 09	Runway 22	Runway 27		
BBJ	0	0.04	0	0.06	0.1	25
BEC300	0	3.84	1.21	5.06	10.11	2427
C-130E	0	0.01	0	0.01	0.03	6
CL7	0	0.01	0	0.01	0.03	6
CL7	0	0.02	0	0.03	0.05	12
CL601	0	0.04	0	0.06	0.1	25
E7A	0	0.09	0.02	0.09	0.21	50
F18EF	0	0.03	0	0.05	0.08	20
F35A	0	0.02	0	0.02	0.04	10
KC30A	0	0.01	0	0.01	0.01	3
P8A	0	0.04	0.01	0.04	0.08	20
PC21	1.34	20.14	5.37	17.9	44.75	10740
Local Circuits						
Aircraft	Local Circuits				Daily	Annual
	Runway 04	Runway 09	Runway 22	Runway 27		
BEC300	0	0.62	0.2	0.81	1.62	780
E7A	0	0.01	0	0.01	0.02	10
P8A	0	0.01	0	0.01	0.02	10
PC21	1.62	24.37	6.5	21.66	54.15	25990
Helicopter Movements						
Aircraft	Helicopter Movements				Daily	Annual
	Arrival	Departure				
EC130	0.5	0.5			1	240

2035 AUSTRALIAN NOISE EXPOSURE FORECAST

To be read in conjunction with AS2021:2015



Disclaimer

The aircraft noise exposure contours on this 2035 ANEF map are based upon a forecast of aircraft movements and aircraft types operating at RAAF Base East Sale for the year 2035. This forecast has been used as an input to the Integrated Noise Model. The forecast has been prepared for use with AS2021:2015 and in accordance with accepted industry practice.

Legend

- 2035 ANEF Contour
 - 15
 - 20
 - > 20
- RAAF Property
- Cadastre
- Major roads

