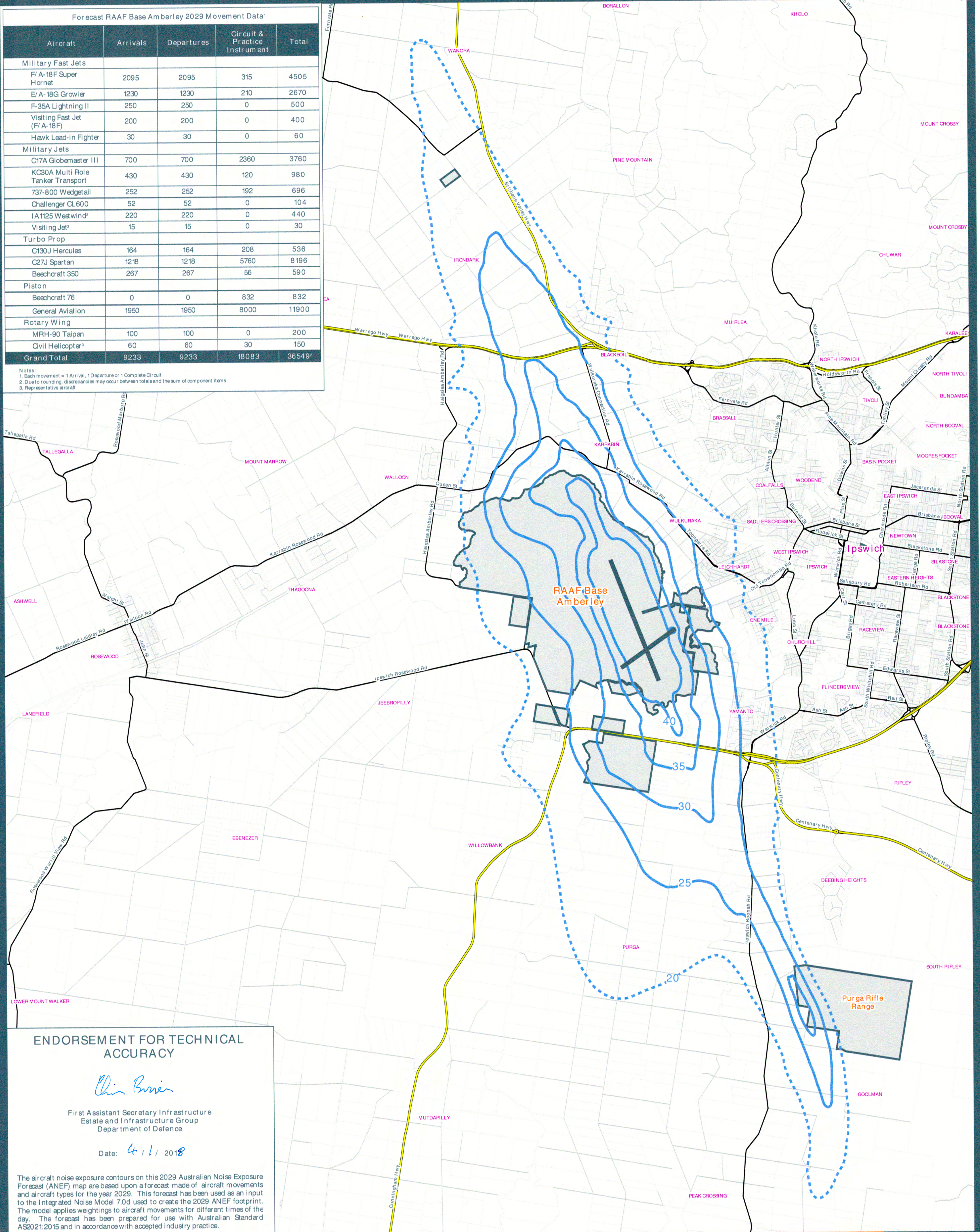


# RAAF BASE AMBERLEY

Forecast RAAF Base Amberley 2029 Movement Data<sup>1</sup>

Aircraft	Arrivals	Departures	Circuit & Practice Instrument	Total
<b>Military Fast Jets</b>				
F/A-18F Super Hornet	2095	2095	315	4505
E/A-18G Growler	1230	1230	210	2670
F-35A Lightning II	250	250	0	500
Visiting Fast Jet (F/A-18F)	200	200	0	400
Hawk Lead-in Fighter	30	30	0	60
<b>Military Jets</b>				
C17A Globemaster III	700	700	2360	3760
KC30A Multi Role Tanker Transport	430	430	120	980
737-800 Wedgetail	252	252	192	696
Challenger CL600	52	52	0	104
IA1125 Westwind <sup>2</sup>	220	220	0	440
Visiting Jet <sup>3</sup>	15	15	0	30
<b>Turbo Prop</b>				
C130J Hercules	164	164	208	536
C27J Spartan	1218	1218	5760	8196
Beechcraft 350	267	267	56	590
<b>Piston</b>				
Beechcraft 76	0	0	832	832
General Aviation	1950	1950	8000	11900
<b>Rotary Wing</b>				
MRH-90 Taipan	100	100	0	200
Civil Helicopter <sup>3</sup>	60	60	30	150
<b>Grand Total</b>	<b>9233</b>	<b>9233</b>	<b>18083</b>	<b>36549<sup>2</sup></b>

Notes:  
 1. Each movement = 1 Arrival, 1 Departure or 1 Complete Circuit  
 2. Due to rounding, discrepancies may occur between totals and the sum of component items  
 3. Representative aircraft



## ENDORSEMENT FOR TECHNICAL ACCURACY

*Olin Bowen*

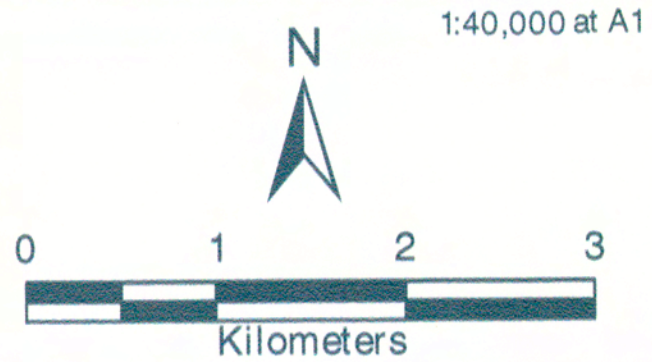
First Assistant Secretary Infrastructure  
 Estate and Infrastructure Group  
 Department of Defence

Date: 4/11/2018

The aircraft noise exposure contours on this 2029 Australian Noise Exposure Forecast (ANEF) map are based upon a forecast made of aircraft movements and aircraft types for the year 2029. This forecast has been used as an input to the Integrated Noise Model 7.0d used to create the 2029 ANEF footprint. The model applies weightings to aircraft movements for different times of the day. The forecast has been prepared for use with Australian Standard AS2021:2015 and in accordance with accepted industry practice.

### Legend

- Defence Property
- Highways
- Major Roads
- 2029 ANEF 25+ Contour
- 20 Contour



### Technical Data

ANEF contour modelled with Integrated Noise Model v7.0d software suite incorporating terrain data.  
 Modelled flying days: 240  
 Horizontal datum: GDA94; Vertical Datum: AHD  
 Runway layout and coordinates (WGS84)  
 RW 01: 151° 38' 58.770" E, 102° 42' 42.000" S  
 RW 02: 151° 38' 58.770" E, 102° 42' 42.000" S  
 RW 03: 151° 38' 58.770" E, 102° 42' 42.000" S  
 RW 04: 151° 38' 58.770" E, 102° 42' 42.000" S  
 RW 05: 151° 38' 58.770" E, 102° 42' 42.000" S  
 Produced by SAIG/ID/PLR/Ref:AF193533  
 Date issued: 10/11/2017

## RAAF Base Amberley 2029 Australian Noise Exposure Forecast

To be read in conjunction with AS2021:2015