

KALGOORLIE AERODROME	
OBSTACLE LIMITATION SURFACE DIMENSIONS	
CO-ORDINATES ARE MGA 94 ZONE 51	
AERODROME REF. POINT E.352896.11 N.6592822.79 RL.380.61	
<b>RUNWAY</b>	<b>11 - 29</b>
RUNWAY 11 CODE 4 NON PRECISION INSTRUMENT APPROACH RUNWAY	
RUNWAY 29 CODE 4 NON PRECISION INSTRUMENT APPROACH RUNWAY	
11 RUNWAY STRIP END	E. 352078.67 N. 6592860.55 RL. 367.03
29 RUNWAY STRIP END	E. 354074.65 N. 6592147.31 RL. 349.55
CENTRELINE BEARING 289° 39' 50"	
<b>TAKE OFF SURFACES</b>	
11 TAKE OFF SURFACE ORIGIN RL. 349.55 metres.	
29 TAKE OFF SURFACE ORIGIN RL. 367.03 metres.	
INNER EDGE LENGTH 180 metres	
DIVERGENCE ANGLE 12.5%	
TAKE OFF GRADE 2%	
LENGTH OF TAKE OFF AREA 15000 metres	
<b>APPROACH SURFACES</b>	
11 APPROACH SURFACE ORIGIN RL. 386.53 metres.	
29 APPROACH SURFACE ORIGIN RL. 349.55 metres.	
INNER EDGE LENGTH 280 metres	
DIVERGENCE ANGLE 15%	
FIRST SECTION GRADE 2%	
FIRST SECTION LENGTH 3000 metres	
SECOND SECTION GRADE 2.5%	
SECOND SECTION LENGTH 3600 metres	
FINAL SECTION GRADE 0.0%	
FINAL SECTION LENGTH 8400 metres	
<b>RUNWAY</b>	<b>18 - 36</b>
RUNWAY 18 CODE 3 NON PRECISION INSTRUMENT APPROACH RUNWAY	
RUNWAY 36 CODE 3 NON PRECISION INSTRUMENT APPROACH RUNWAY	
18 RUNWAY STRIP END	E. 352846.66 N. 6593671.19 RL. 355.36
36 RUNWAY STRIP END	E. 352738.36 N. 6592355.85 RL. 361.66
CENTRELINE BEARING 184° 42' 24"	
<b>TAKE OFF SURFACES</b>	
18 TAKE OFF ORIGIN RL. 361.66 metres.	
36 TAKE OFF ORIGIN RL. 355.36 metres.	
INNER EDGE LENGTH 180 metres	
DIVERGENCE ANGLE 12.5%	
TAKE OFF GRADE 2%	
LENGTH OF TAKE OFF AREA 15000 metres	
<b>APPROACH SURFACES</b>	
18 APPROACH ORIGIN RL. 355.36 metres.	
36 APPROACH ORIGIN RL. 361.66 metres.	
INNER EDGE LENGTH 280 metres	
DIVERGENCE ANGLE 15%	
FIRST SECTION GRADE 2%	
FIRST SECTION LENGTH 3000 metres	
SECOND SECTION GRADE 2.5%	
SECOND SECTION LENGTH 3600 metres	
FINAL SECTION GRADE 0.0%	
FINAL SECTION LENGTH 8400 metres	
TRANSITIONAL SLOPE 14.3%	
INNER HOR. SURFACE HT 45 metres	
INNER HOR. SURFACE RAD 4000 metres	
CONICAL SURFACE SLOPE 5%	
CONICAL SURFACE WIDTH 2000 metres	

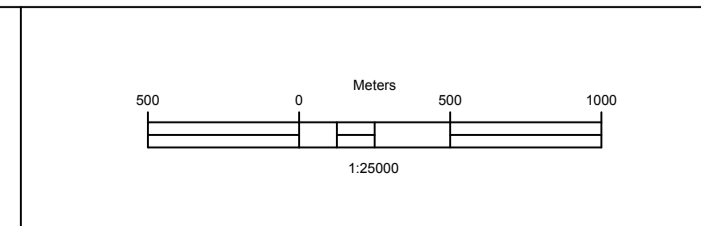
DRAWN	P. FITZGERALD
DATE	14.10.2021
SURVEYED	SPECTRUM
DATE	
ARCHIVED	
DRAWING No.	PRG001
	Sheet 1 of 3 Sheets

**NOTE:**  
 -LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD)  
 -CO-ORDINATES ARE MGA94 ZONE 51  
 -DUE TO THE VARIABLE NATURE OF THE TRANSITIONAL SURFACE, OBJECTS LOCATED WITHIN IT SHOULD BE CHECKED BY GROUND SURVEY FOR CLEARANCE  
 -RUNWAY LOCATIONS AND ARP SURVEYED BY SPECTRUM SURVEYS

## KALGOORLIE-BOULDER AERODROME

**AIRPORT SURVEYS**  
 0409 230 650  
 paul@airportsurveys.com.au

## OBSTACLE LIMITATION SURFACES



AMENDMENTS		
DATE	AMENDMENT	SIGNED