

- LEGEND:**
- OUTER HORIZONTAL SURFACE
  - CONICAL SURFACE
  - INNER HORIZONTAL SURFACE
  - APPROACH SURFACE
  - TAKE-OFF CLIMB SURFACE
  - TRANSITIONAL SURFACE
- 1) CONTOUR HEIGHTS SHOWN IN METRES (AHD)  
 2) CONTOUR INTERVALS - 1M  
 3) HP - HORIZONTAL PLANE

ARP ELEVATION	REFERENCE ELEVATION DATUM
28.711	28.5

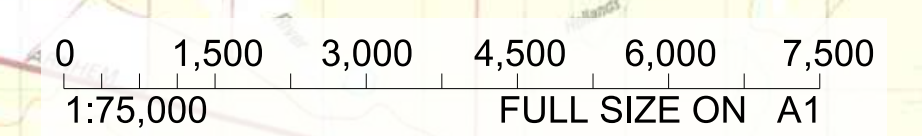
TRANSITIONAL SURFACES		
RUNWAY	CODE	SLOPE
11	4	14.3%
29	4	14.3%
18	3	14.3%
36	3	14.3%

APPROACH SURFACES					
RUNWAY	CODE	INNER EDGE ELEVATION	LENGTH OF INNER EDGE	DISTANCE FM THRESHOLD	DIVERGENCE EACH SIDE
11	4	29.261	300	60	15%
29	4	24.689	300	60	15%
18	3	29.261	150	60	15%
36	3	27.737	150	60	15%
RUNWAY	FIRST SECTION		SECOND SECTION		HORIZONTAL SECTION LENGTH
	LENGTH	SLOPE	LENGTH	SLOPE	
11	3000	2%	3600	2.5%	8400
29	3000	2%	3600	2.5%	8400
18	3000	3.33%	3600	2.5%	8400
36	3000	3.33%	3600	2.5%	8400

TAKE-OFF CLIMB SURFACES								
RUNWAY	CODE	INNER EDGE ELEVATION	LENGTH OF INNER EDGE	DISTANCE FM RWY END	DIVERGENCE EACH SIDE	OVERALL LENGTH	FINAL WIDTH	SLOPE
11	4	24.689	180	90	12.5%	15000	1800	2%
29	4	29.261	180	90	12.5%	15000	1800	2%
18	3	27.737	180	60	12.5%	15000	1800	2%
36	3	29.261	180	60	12.5%	15000	1800	2%

Surface construction in accordance with the standards set out in CASA Manual of Standards Part 139-Aerodromes.

*Ray Romano*  
 Ray Romano  
 Date: 24/03/2017



No	DATE	DRAFTING CHECK	DESIGN REVIEW	REV'D PMGR	HP APPD P.DIR	INITIAL ISSUE AMENDMENT
0	24.03.17	JC	RR			

**The Airport Group**  
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CLIENT	NORTHERN TERRITORY AIRPORTS PTY LTD		
PROJECT	DARWIN AIRPORT OBSTACLE LIMITATION SURFACES		
DRAFTER	JC	REVIEWED PROJECT MANAGER	APPROVED PROJECT DIRECTOR
DESIGNED	DESIGN REVIEW RR	RAY ROMANO	HANS PEARSON

**TITLE**  
 DARWIN INTERNATIONAL AIRPORT  
 OBSTACLE LIMITATION SURFACES  
 SHEET 1 OF 4

SCALE: 1:75,000  
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 DRAWING No: PDNOLS01.1  
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