



CASA MANUAL OF STANDARDS PART 139 - AERODROMES
 OBSTACLE RESTRICTION AND LIMITATION SURFACES TABLE OF VALUES

BRISBANE INTERNATIONAL AIRPORT (YBBN)

RUNWAY 01L/19R - 3600 x 60m (300m RWS)

RUNWAY 01R/19L - 4040 x 45m (300m RWS)

NOTES:
 1) UNIT DISTANCES AND LENGTHS SHOWN IN METRES (m)
 2) UNIT DATUM AND ELEVATIONS SHOWN IN METRES (m) AHD

AIRPORT	
ARP ELEVATION	REFERENCE ELEV DATUM
3.962	3.5

HORIZONTAL SURFACES					
OUTER HORIZONTAL ELEV	OUTER HORIZONTAL HEIGHT	INNER HORIZONTAL RADIUS	INNER HORIZONTAL ELEV	INNER HORIZONTAL HEIGHT	INNER HORIZONTAL RADIUS
153.50	150	15000	48.50	45	4,000

APPROACH SURFACES												
RWY	CODE	INSTR. TYPE	INNER EDGE ELEV	LENGTH OF INNER EDGE	DIST FM THR	DIVERGENCE EACH SIDE	FIRST SECTION		SECOND SECTION		HORIZ SECTION LENGTH	TOTAL LENGTH
							LENGTH	SLOPE	LENGTH	SLOPE		
01L	4	PREC INST	4.066	300	60	15%	3,000	2%	3,600	2.5%	8,400	15,000
19R	4	PREC INST	4.066	300	60	15%	3,000	2%	3,600	2.5%	8,400	15,000
01R	4	PREC INST	3.6	300	60	15%	3,000	2%	3,600	2.5%	8,400	15,000
19L	4	PREC INST	3.2	300	60	15%	3,000	2%	3,600	2.5%	8,400	15,000

TRANSITIONAL SURFACES		
RUNWAY	CODE	SLOPE
01L	4	14.3%
19R	4	14.3%
01R	4	14.3%
19L	4	14.3%

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
01L	4	4.066	180	60	12.5%	18,750	1,800	1.6%
19R	4	4.066	180	60	12.5%	18,750	1,800	1.6%
01R	4	3.3	180	60	12.5%	18,750	1,800	1.6%
19L	4	3.8	180	60	12.5%	18,750	1,800	1.6%

NOTES:
 1) HEIGHTS INDICATE THE LOWEST CRITICAL SURFACE HEIGHT IN METRES (AHD)
 2) REFERENCE ELEVATION DATUM = 3.5m
 3) CONTOUR INTERVALS MAJOR 10m
 4) HP = HORIZONTAL PLANE
 5) GRID REFERENCE WGS84

LEGEND:
 ■ OUTER HORIZONTAL SURFACE
 ■ INNER HORIZONTAL SURFACE
 ■ CONICAL SURFACE
 ■ TAKE-OFF SURFACE
 ■ APPROACH SURFACE
 ■ TRANSITIONAL SURFACE

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

PRELIMINARY FOR COMMENT

SCALE 1:160,000 ON A3

REV	DATE	DRAFTER	DESIGN CHECK	DESIGN REVIEW	REV'D PMGR	APP'D P.DIR	AMENDMENT
A	15/05/20	JC	RR	RR	RM		PRELIMINARY - FOR COMMENT

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CLIENT BRISBANE AIRPORT CORPORATION PTY LTD			
PROJECT BRISBANE PRESCRIBED AIRSPACE			
DRAFTER MK	DRAFTING CHECK 15/05/20	REVIEWED PROJECT MANAGER R.ROMANO	APPROVED PROJECT DIRECTOR R.MACTAGART
DESIGNED JC	DESIGN REVIEW 15/05/20		

TITLE BRISBANE INTERNATIONAL AIRPORT OBSTACLE LIMITATION SURFACES (OLS) FUTURE 2 RWY (ULTIMATE)			
SCALE 1:160,000	TAG PROJECT No TAG19231128	DRAWING No BBN-2RWY-OLS-ULT-1	SHEET 1 OF 4
			REV A