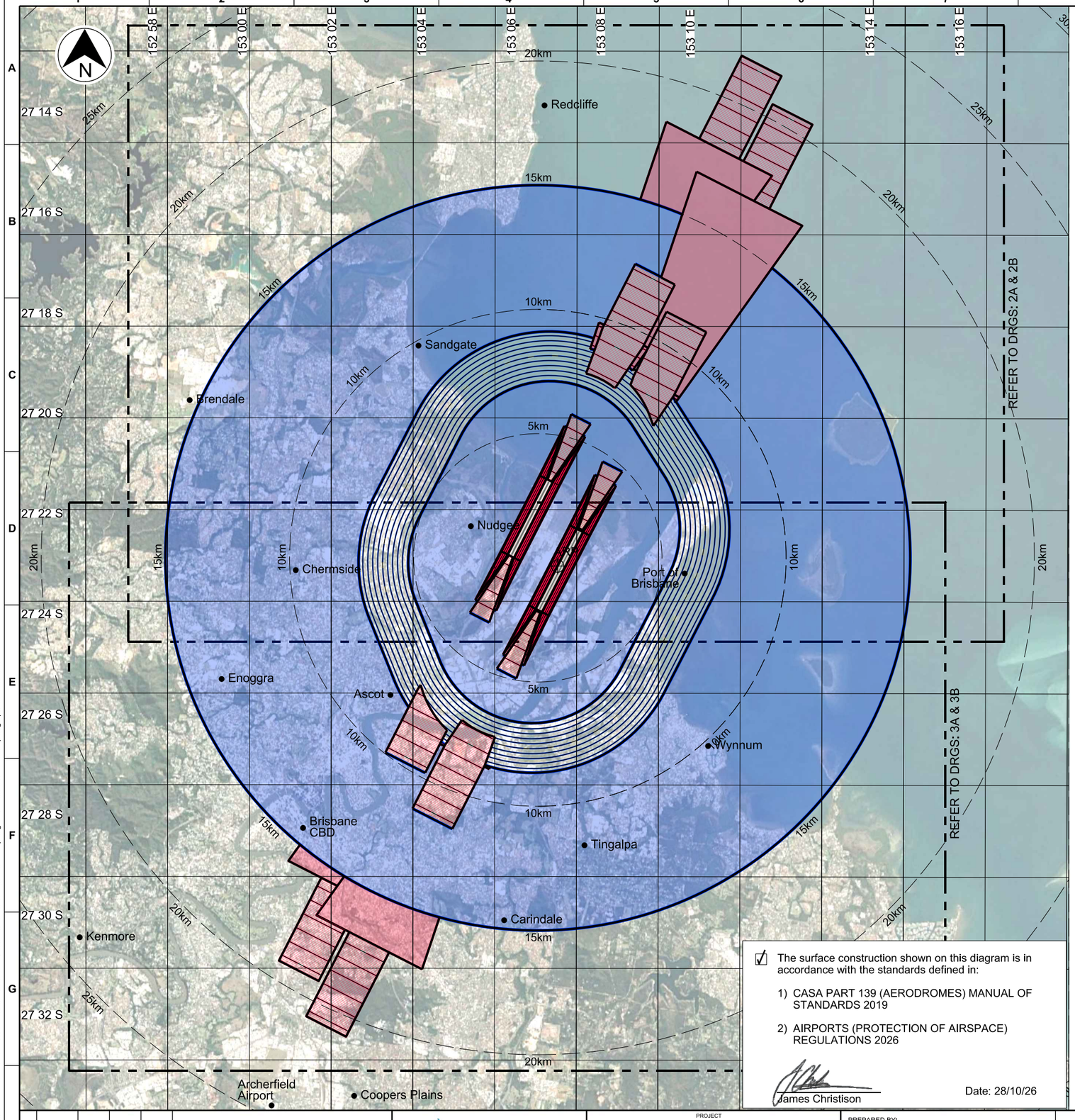


**CASA MANUAL OF STANDARDS PART 139 - AERODROMES**
**OBSTACLE RESTRICTION AND LIMITION SURFACES TABLE OF VALUES** (1)

# BRISBANE INTERNATIONAL AIRPORT (YBBN)

## RUNWAY 01L/19R - 3300 x 60m (300m RWS)

## RUNWAY 01R/19L - 3560 x 45m (300m RWS)

| AIRPORT | |
|---|---|
| ARP ELEVATION | REFERENCE ELEV DATUM |
| 3.962 | 3,5 |

| HORIZONTAL SURFACES | | | | | |
|---|---|---|---|---|---|
| OUTER HORIZONTAL ELEV | OUTER HORIZONTAL HEIGHT | OUTER 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 | DIVERG-ENCE 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) PROTECTION SURFACES ARE SHOWN AS DEFINED IN THE AIRPORTS (PROTECTION OF AIRSPACE) REGULATIONS 2026 - 1ST APRIL 2026
2) OLS DIMENSIONS COMPLY WITH CASA PART 139 (AERODROMES) MANUAL OF STANDARDS 2019
3) REFER TO NOTE (E) IN TABLE 7.1-2: TAKE-OFF RUNWAYS IN CASA MOS 139 (VER 1.14 - JAN 2017)
4) UNITS AND ELEVATIONS SHOWN IN METERS (m) AHD
5) CONTOUR INTERVALS MAJOR 10m
6) HP = HORIZONTAL PLANE
7) RWS = RUNWAY STRIP WIDTH
8) GRID REFERENCE WGS84

AIRSPACE DEFINITION:

- PRIMARY AIRSPACE
- SECONDARY AIRSPACE

0 2 4 6 8km

SCALE 1:160,000 ON A3

☑ The surface construction shown on this diagram is in accordance with the standards defined in:

1) CASA PART 139 (AERODROMES) MANUAL OF STANDARDS 2019
2) AIRPORTS (PROTECTION OF AIRSPACE) REGULATIONS 2026

James Christison

Date: 28/10/26

**APPROVED**

| REV | DATE | DRAFTING CHECK | DESIGN REVIEW | APPR | AMENDMENT |
|---|---|---|---|---|---|
| 1 | 28/10/26 | RN | JC | JC | INITIAL ISSUE |

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PROJECT
CLIENT: BRISBANE AIRPORT CORPORATION PTY LTD
AIRPORT: BRISBANE INTERNATIONAL AIRPORT (YBBN)
PROJECT: PRESCRIBED AIRSPACE

PREPARED BY:
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| APPROVALS | | |
|---|---|---|
| DRAWN | J.CHRISTISON | DATE 28/10/26 |
| APPROVED | J.CHRISTISON | DATE 28/10/26 |
| SCALE | 1:175,000 | DATUM WGS-84 |

TITLE
BRISBANE INTERNATIONAL AIRPORT
OBSTACLE LIMITATION SURFACES (OLS)
EXISTING AIRPORT (300m RWS)

DRAWING No: YBBN-2RWY-EXI-OLS-300M-1
SHEET: 1 OF 7
REV: 1

File: YBBN-2RWY-EXI-OLS-300M-1-FINAL REV 1.DGN Model: Default Printed: 28/10/2026 12:51:29 PM plotcfg: PDF - 50% CLR raster.pltcfg pentbl: txtsub.tbl