

**AIP SUPPLEMENT
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**SYDNEY/NANCY-BIRD WALTON
AERODROME (YSWS) OBSTACLE
INFRINGEMENTMENTS****1. INTRODUCTION**

- 1.1 This AIP SUP cancels and replaces SUP H63/26, with changes to para 2.2.1, 2.3.3 (k) and 2.6.1 (d)
- 1.2 The SUP contains aerodrome obstacles information to alert operators and pilots of obstacle infringements for the runways at Sydney/Nancy-Bird Walton Aerodrome (YSWS).

2. OBSTACLE INFRINGEMENTMENTS**2.1 Obstacle Restriction Area**

2.1.1 Lit

- a) RWY 05 Instrument RVR (1) 306FT AMSL PSN 335321.6S 1504156.3E infringes by 9FT AGL.
- b) RWY 05 Instrument RVR (2) 306FT AMSL PSN 335321.2S 1504157.3E infringes by 9FT AGL.
- c) Midpoint Instrument RVR (1) 284FT AMSL PSN 335258.2S 1504244.5E infringes by 10FT AGL.
- d) Midpoint Instrument RVR (2) 284FT AMSL PSN 335257.7S 1504245.5E infringes by 10FT AGL.
- e) RWY 23 Instrument RVR (1) 284FT AMSL PSN 335233.1S 1504336.1E infringes by 10FT AGL.

- f) RWY 23 Instrument RVR (2) 262FT AMSL PSN 335232.6S 1504337.1E infringes by 10FT AGL.
- g) RWY 05 IWI 321FT AMSL PSN 335320.9S 1504156.0E infringes by 30FT AGL.
- h) RWY 23 IWI 277FT AMSL PSN 335232.4S 1504336.1E infringes by 30FT AGL.

2.2 Transitional Surface Infringed

2.2.1 Unlit

- a) Mast 366FT AMSL PSN 335303.1S 1504219.4E infringes by 19FT.

2.2.2 Lit

- a) RWY 05 DME antenna 308FT AMSL PSN 335320.2S 1504154.2E infringes by 2FT.
- b) RWY 23 DME antenna 264FT AMSL PSN 335230.5S 1504336.4E infringes by 5FT.
- c) RWY 23 GP antenna 301FT AMSL PSN 335230.8S 1504336.5E infringes by 43FT.
- d) RWY 05 GP antenna 300FT AMSL PSN 335320.5S 1504154.4E infringes by 54FT.
- e) Visual Reproduction System (VRS) mast lightening rod 399FT AMSL PSN 335249.7S 1504241.3E infringes by 25FT.

2.2.3 Tree/Tree Group

- a) 379FT AMSL PSN 335400.7S 1504254.6E infringes by 5FT.
- b) 373FT AMSL PSN 335401.6S 1504255.9E infringes by 15FT.
- c) 393FT AMSL PSN 335359.1S 1504256.4E infringes by 8FT.
- d) 379FT AMSL PSN 335359.3S 1504258.5E infringes by 9FT.
- e) 382FT AMSL PSN 335358.7S 1504258.2E infringes by 5FT.
- f) 370FT AMSL PSN 335400.5S 1504256.9E infringes by 5FT.
- g) 360FT AMSL PSN 335401.0S 1504258.2E infringes by 10FT.
- h) 369FT AMSL PSN 335402.0S 1504258.4E infringes by 18FT.
- i) 368FT AMSL PSN 335403.2S 1504254.8E infringes by 16FT.

2.3 Approach Surface Infringed

2.3.1 Runway 23 - Fixed OBST

- a) Power pole 284FT AMSL PSN 335217.0S 1504405.1E infringes by 4FT.

2.3.2 Runway 23 - Tree/Tree Group

- a) 301FT AMSL PSN 335216.1S 1504405.9E infringes by 21FT.
- b) 294FT AMSL PSN 335216.1S 1504405.9E infringes by 12FT.
- c) 294FT AMSL PSN 335215.7S 1504406.1E infringes by 12FT.
- d) 294FT AMSL PSN 335215.9S 1504410.8E infringes by 5FT.

2.3.3 Runway 05 - Tree/Tree Group

- a) 373FT AMSL PSN 335340.7S 1504117.6E infringes by 19FT.
- b) 370FT AMSL PSN 335338.5S 1504117.2E infringes by 18FT.
- c) 371FT AMSL PSN 335338.7S 1504116.8E infringes by 18FT.
- d) 364FT AMSL PSN 335337.5S 1504118.5E infringes by 15FT.
- e) 112FT AMSL PSN 335339.2S 1504118.2E infringes by 15FT.
- f) 364FT AMSL PSN 335338.0S 1504117.7E infringes by 13FT.
- g) 362FT AMSL PSN 335339.6S 1504118.7E infringes by 11FT.
- h) 361FT AMSL PSN 335339.0S 1504118.6E infringes by 11FT.
- i) 360FT AMSL PSN 335340.3S 1504118.8E infringes by 8FT.
- j) 367FT AMSL PSN 335339.7S 1504112.7E infringes by 7FT.
- k) 361FT AMSL PSN 332322.1S 1504113.0E infringes by 2FT.

2.4 Inner Horizontal Surface Infringed

2.4.1 Fixed OBST

- a) Mobile phone TWR 417FT AMSL PSN 335140.9S 1504304.7E infringes SFC by 4FT.
- b) Mobile phone TWR 434FT AMSL PSN 335129.7S 1504204.6E infringes SFC by 20FT.
- c) SMR mast lightning rod 419FT AMSL PSN 335254.7S 1504223.4E infringes SFC by 5FT.

2.4.2 Tree/Tree Group

- a) 419FT AMSL PSN 335503.4S 1504033.8E infringes SFC by 5FT.
- b) 418FT AMSL PSN 335252.2S 1504128.6E infringes SFC by 4FT.
- c) 418FT AMSL PSN 335240.6S 1504126.3E infringes SFC by 5FT.
- d) 439FT AMSL PSN 335528.2S 1504140.6E infringes SFC by 26FT.
- e) 436FT AMSL PSN 335528.3S 1504141.8E infringes SFC by 22FT.
- f) 434FT AMSL PSN 335527.8S 1504144.3E infringes SFC by 21FT.
- g) 424FT AMSL PSN 335537.5S 1504152.8E infringes SFC by 11FT.
- h) 419FT AMSL PSN 335254.7S 1504127.4E infringes SFC by 6FT.
- i) 431FT AMSL PSN 335251.7S 1504123.9E infringes SFC by 18FT.
- j) 434FT AMSL PSN 335250.9S 1504122.2E infringes SFC by 21FT.
- k) 427FT AMSL PSN 335250.0S 1504122.7E infringes SFC by 13FT.

2.5 Conical Surface Infringed

2.5.1 Tree/Tree Group

- a) 430FT AMSL PSN 335542.3S 1504152.8E infringes SFC by 10FT.
- b) 453FT AMSL PSN 335547.0S 1504154.8E infringes SFC by 10FT.

2.6 Outer Horizontal Surface Infringed

2.6.1 Fixed OBST

- a) Lit radio TWR 814FT AMSL PSN 335141.6S 1505117.7E infringes by 56FT.
- b) Lit TWR 761FT AMSL PSN 335142.7S 1505103.1E infringes SFC by 4FT.
- c) Electric pylon 951FT AMSL PSN 335734.8S 1503447.6E infringes SFC by 193FT.
- d) Electric pylon 799FT AMSL PSN 335738.6S 1503518.1E infringes SFC by 42FT.

2.6.2 Tree/Tree Group

- a) 788FT AMSL PSN 335654.3S 1503549.3E infringes SFC by 30FT.
- b) 811FT AMSL PSN 335644.3S 1503544.4E infringes SFC by 54FT.

- c) 906FT AMSL PSN 335632.1S 1503457.1E infringes SFC by 148FT.
- d) 807FT AMSL PSN 335635.0S 1503540.6E linfringes SFC by 49FT.
- e) 797FT AMSL PSN 335657.9S 1503550.1E infringes SFC by 39FT.
- f) 923FT AMSL PSN 335727.1S 1503439.4E infringes SFC by 158FT.
- g) 916FT AMSL PSN 335724.3S 1503438.3E infringes SFC by 156FT.
- h) 779FT AMSL PSN 335658.6S 1503548.5E infringes SFC by 21FT.
- i) 761FT AMSL PSN 335659.8S 1503548.7E infringes SFC by 4FT.
- j) 771FT AMSL PSN 335659.1S 1503553.4E infringes SFC by 14FT.
- k) 774FT AMSL PSN 335741.8S 1503521.8E infringes SFC by 16FT.
- l) 888FT AMSL PSN 335752.3S 1503448.3E infringes SFC by 88FT.
- m) 786FT AMSL PSN 335519.9S 1503547.8E infringes SFC by 28FT.
- n) 773FT AMSL PSN 335454.8S 1503547.1E infringes SFC by 15FT.
- o) 950FT AMSL PSN 335649.0S 1503419.4E infringes SFC by 192FT.
- p) 989FT AMSL PSN 335422.8S 1503348.0E infringes SFC by 231FT.
- q) 956FT AMSL PSN 335551.7S 1503423.3E infringes SFC by 198FT.
- r) 948FT AMSL PSN 335556.2S 1503411.3E infringes SFC by 190FT.
- s) 763FT AMSL PSN 334802.7S 1503758.3E infringes SFC by 5FT.
- t) 843FT AMSL PSN 335453.1S 1503436.6E infringes SFC by 85FT.
- u) 803FT AMSL PSN 335031.5S 1503555.3E infringes SFC by 45FT.
- v) 906FT AMSL PSN 335153.9S 1503441.4E infringes SFC by 149FT.
- w) 867FT AMSL PSN 335124.1S 1503422.5E infringes SFC by 111FT.
- x) 874FT AMSL PSN 335037.2S 1503411.8E infringes SFC by 115FT.
- y) 1,005FT AMSL PSN 335104.2S 1503352.9E infringes SFC by 247FT.
- z) 843FT AMSL PSN 335404.4S 1503431.1E infringes SFC by 85FT.
- aa) 901FT AMSL PSN 335314.4S 1503413.0E infringes SFC by 144FT.
- ab) 799FT AMSL PSN 335234.6S 1503453.9E infringes SFC by 42FT.
- ac) 1,009FT AMSL PSN 335202.6S 1503353.7E infringes SFC by 251FT.
- ad) 875FT AMSL PSN 334959.4S 1503434.1E infringes SFC by 117FT.

ae) 791FT AMSL PSN 334849.6S 1503506.2E infringes SFC by 33FT.

af) 839FT AMSL PSN 334719.1S 1503741.4E infringes SFC by 82FT.

3. CANCELLATION

3.1 This SUP will remain current until it is incorporated into the AIP products.

4. DISTRIBUTION

4.1 Airservices Australia website only.