

**AIP SUPPLEMENT
(SUP)****H46/24****Effective: 202405210030 UTC**AERONAUTICAL INFORMATION SERVICE,
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Email: aim_editorial@airservicesaustralia.comFor **CONTENT** queries regarding this SUP, contact:Email: aviation@ef.com.au**MELBOURNE/ESSENDON AIRPORT (YMEN)
OBSTACLE INFRINGEMENTS****1. INTRODUCTION**

- 1.1 This AIP SUP publishes Aerodrome Obstacles for Melbourne/Essendon Airport (YMEN) to provide an alert to operators and pilots of temporary obstacle infringements surround the aerodrome.

2. OPERATIONAL INFORMATION**2.1 Temporary Obstacles**

- a) TV aerials:
- i) 250FT AMSL BRG 094 DEG MAG 1,383M FM ARP. Infringes RWY 08 TKOF SFC by 1FT and RWY 26 approach surface by 1FT.
 - ii) 251FT AMSL BRG 097 DEG MAG 1,395M infringes RWY 26 approach surface by 3FT.
 - iii) 262FT AMSL BRG 243 DEG MAG 1,120M FM ARP. Infringes RWY 26 TKOF SFC by up 8FT and RWY 08 approach surface by up 4FT.
 - iv) 263FT AMSL BRG 236 DEG MAG 1,189M FM ARP. Infringes RWY 26 TKOF SFC by 8FT and RWY 08 approach surface by 3FT.
- b) Trees:
- i) 20FT AGL 1,361M E RWY 08 SOT 131M S RCL (group).
 - ii) 245FT AMSL BRG 088 DEG MAG 1,278M FM ARP. Infringes RWY 08 TKOF SFC by 1FT and RWY 26 approach surface by 1FT.

- iii) 244FT AMSL BRG 089 DEG MAG 1,264M FM ARP. Infringes RWY 08 TKOF SFC by 1FT and RWY 26 approach surface by 1FT.
- iv) 255FT AMSL BRG 171 DEG MAG 896M FM ARP. Infringes RWY 17 TKOF SFC by 4FT.
- v) 256FT AMSL BRG 097 DEG MAG 1,474M RWY 26 approach surface by 3FT (Eucalyptus).
- vi) 250FT AMSL BRG 168 DEG MAG 867M FM ARP. Infringes RWY 17 TKOF SFC by 1FT (Eucalyptus).
- vii) 263FT AMSL BRG 173 DEG MAG 1,057M FM ARP. Infringes RWY 17 TKOF SFC by 2FT (Eucalyptus).
- viii) 260FT AMSL BRG 174 DEG MAG 988M FM ARP. Infringes RWY 17 TKOF SFC by 3FT (Eucalyptus).
- ix) 254FT AMSL BRG 168 DEG MAG 917M FM ARP. Infringes RWY 17 TKOF SFC by 1FT (Eucalyptus).
- x) 261FT AMSL BRG 175 DEG MAG 989M FM ARP. Infringes RWY 17 TKOF SFC by 4FT (Eucalyptus).
- xi) 256FT AMSL BRG 168 DEG MAG 873M FM ARP. Infringes RWY 17 TKOF SFC by 6FT (Cypress).
- xii) 263FT AMSL BRG 176 DEG MAG 994M FM ARP. Infringes RWY 17 TKOF SFC by 6FT (Cypress).
- xiii) 253FT AMSL BRG 173 DEG MAG 908M FM ARP. Infringes RWY 17 TKOF SFC by 1FT (Wattle).
- xiv) 248FT AMSL BRG 096 DEG MAG 1,386M infringes RWY 26 approach surface by 1FT (Pine trees group).
- xv) 262FT AMSL BRG 240 DEG MAG 1,104M FM ARP. Infringes RWY 26 TKOF SFC by 9FT and RWY 08 approach surface by 6FT.
- xvi) 274FT AMSL BRG 240 DEG MAG 1,248M FM ARP. Infringes RWY 26 TKOF SFC by 12FT and RWY 08 approach surface by up to 7FT.
- xvii) 264FT AMSL BRG 239 DEG MAG 1,127M FM ARP. Infringes RWY 26 TKOF SFC by 10FT and RWY 08 approach surface by 7FT.

- xviii) 262FT AMSL BRG 241 DEG MAG 1,094M FM ARP. Infringes RWY 26 TKOF SFC by 10FT and RWY 08 approach surface by 7FT.
- xix) 271FT AMSL BRG 243 DEG MAG 1,166 M FM ARP. Infringes RWY 26 TKOF SFC BY 14FT and RWY 08 approach surface by 10FT (Silky Oak).
- xx) 261FT AMSL BRG 236 DEG MAG 1,149M FM ARP. Infringes RWY 26 TKOF SFC by 8FT and RWY 08 approach surface by 4FT.
- xxi) 264FT AMSL BRG 242 DEG MAG 1,098M FM ARP. Infringes RWY 26 TKOF SFC by 12FT and RWY 08 approach surface by 8FT.
- xxii) 261FT AMSL BRG 237 DEG MAG 1,137M FM ARP. Infringes RWY 26 TKOF by 8FT and RWY 08 approach surface by 5FT.
- xxiii) 264FT AMSL BRG 243 DEG MAG 1,135M FM ARP. Infringes RWY 26 TKOF SFC by 9FT and RWY 08 approach surface by 5FT.

2.2 Permanent Obstacles in Take Off, Approach and Transitional Surfaces

a) Lit Towers:

- i) 47FT AGL 360M W RWY 26 start of TORA 120M N RCL (GP antenna)
- ii) 38FT AGL 908M W RWY 26 start OF TORA 173M N RCL (anemometer)
- iii) 55FT AGL 540M S RWY 17 THR 180M W RCL (ATC control tower)

b) Poles:

- i) 260FT AMSL BRG 240 DEG MAG 1,094M FM ARP. Infringes RWY 26 TKOF SFC by 8 FT and RWY 08/26 transitional surface by up 2FT (light pole).
- ii) 259FT AMSL BRG 244 DEG MAG 1,076M FM ARP. Infringes RWY 26 TKOF SFC by 8FT and RWY 08 approach surface by 5FT (tram pole).
- iii) 268FT AMSL BRG 245 DEG MAG 1,196M FM ARP. Infringes RWY 26 TKOF SFC BY 8FT and RWY 08 approach surface by 3FT (power pole).

- iv) 261FT AMSL BRG 234 DEG MAG 1,169M FM ARP. Infringes RWY 26 TKOF SFC BY 8FT and RWY 08 approach surface by 4FT (tram pole).
- v) 268FT AMSL BRG 241 DEG MAG 1,231M FM ARP. Infringes RWY 26 TKOF SFC BY 7 FT and RWY 08 approach surface by 2FT (power pole).
- c) Fence 247FT AMSL 2,068M W RWY 26 start of TORA. Infringes RWY 26 TKOF SFC BY 3FT and RWY 08 approach surface by 1FT.
- d) Vent on roof 246FT AMSL BRG 089 DEG MAG 1,311M FM ARP. Infringes RWY 08 TKOF SFC BY 1FT and RWY 26 approach surface by up to 1 FT.
- e) Multiple lit and unlit masts BTN 2,061 - 2,204M FM RWY 26 SOT BTN 101M L and 101M R RCL. Mast infringe 2 percent RWY 26 TKOF SFC up to 3.3 percent not ABV 261FT AMSL. Masts are streetlights along the Tullamarine Freeway.

2.3 Permanent Obstacles in Inner Horizontal and Conical Surface

- a) Finial on BLDG 438FT AMSL BRG 001 DEG MAG 4,962M FM ARP. Infringes conical surface by up to 17FT.
- b) BLDG 440FT AMSL BRG 007 DEG MAG 4,802M FM ARP. Infringes inner horizontal surface by up to 35FT.
- c) Lit BLDG 516FT AMSL BRG 005 DEG MAG 5,307M FM ARP. Infringes conical surface by up to 35FT.
- d) Chimney on BLDG 444FT AMSL BRG 007 DEG MAG 4,716M FM ARP. Infringes inner horizontal surface by up to 39FT.
- e) Lightning rod, Mantra BLDG 466FT AMSL BRG 316 DEG MAG 4,478M FM ARP. Infringes inner horizontal surface by up to 62FT.
- f) Top wall, Mantra BLDG 448 FT AMSL BRG 316 DEG MAG 4,487M FM ARP. Infringes inner horizontal surface by up to 43FT.
- g) Transmission Towers:
 - i) 407FT AMSL BRG 313 DEG MAG 2,565M FM ARP. Infringes inner horizontal surface by up to 2FT.

- ii) 408FT AMSL BRG 322 DEG MAG 2,686M FM ARP. Infringes inner horizontal surface by up to 3FT.
- iii) 406FT AMSL BRG 328 DEG MAG 2,795M FM ARP. Infringes inner horizontal surface by up to 1FT.
- iv) 407FT AMSL BRG 333 DEG MAG 2,881M FM ARP. Infringes inner horizontal surface by up to 2FT.
- v) 408FT AMSL BRG 336 DEG MAG 3,009M FM ARP. Infringes inner horizontal surface by up to 2FT.
- vi) 408FT AMSL BRG 339 DEG MAG 3,088M FM ARP. Infringes inner horizontal surface by up to 3FT.
- vii) 407FT AMSL BRG 340 DEG MAG 3,078M FM ARP. Infringes inner horizontal surface by up to 2FT.
- viii) 407FT AMSL BRG 342 DEG MAG 3,225M FM ARP. Infringes inner horizontal surface by up to 2FT.
- ix) 408FT AMSL BRG 343 DEG MAG 3,197M FM ARP. Infringes inner horizontal surface by up to 3FT.
- x) 408FT AMSL BRG 346 DEG MAG 3,404M FM ARP. Infringes inner horizontal surface by up to 3FT.
- xi) 455FT AMSL BRG 025 DEG MAG 4,661M FM ARP. Infringes conical surface by up to 47FT.
- xii) 458FT AMSL BRG 025 DEG MAG 4,647M FM ARP. Infringes conical surface by up to 52FT.
- xiii) 470FT AMSL BRG 027 DEG MAG 4,858M FM ARP. Infringes conical surface by up to 25FT.
- xiv) 474FT AMSL BRG 028 DEG MAG 4,845M FM ARP. Infringes conical surface by up to 31FT.
- xv) 411FT AMSL BRG 351 DEG MAG 3,736M FM ARP. Infringes inner horizontal surface by up to 5FT.
- xvi) 410FT AMSL BRG 349 DEG MAG 3,582M FM ARP. Infringes inner horizontal surface by up to 5FT.
- xvii) 472FT AMSL BRG 006 DEG MAG 3,825M FM ARP. Infringes inner horizontal surface by up to 67FT.

- xviii) 469FT AMSL BRG 006 DEG MAG 3,809M FM ARP. Infringes inner horizontal surface by up to 64FT.
- xix) 449FT AMSL BRG 008 DEG MAG 3,877M FM ARP. Infringes inner horizontal surface by up to 44FT.
- xx) 450FT AMSL BRG 008 DEG MAG 3,856M FM ARP. Infringes inner horizontal surface by up to 45FT.
- xxi) 456FT AMSL BRG 011 DEG MAG 3,984M FM ARP. Infringes inner horizontal surface by up to 51FT.
- xxii) 458FT AMSL BRG 011 DEG MAG 3,967M FM ARP. Infringes inner horizontal surface by up to 53FT.
- xxiii) 460FT AMSL BRG 014 DEG MAG 4,106M FM ARP. Infringes inner horizontal surface by up to 55FT.
- xxiv) 462FT AMSL BRG 015 DEG MAG 4,085M FM ARP. Infringes inner horizontal surface by up to 57FT.
- xxv) 460FT AMSL BRG 017 DEG MAG 4,227M FM ARP. Infringes inner horizontal surface by up to 55FT.
- xxvi) 461FT AMSL BRG 017 DEG MAG 4,210M FM ARP. Infringes inner horizontal surface by up to 56FT.
- xxvii) 458FT AMSL BRG 020 DEG MAG 4,350M FM ARP. Infringes inner horizontal surface by up to 53FT.
- xxviii) 457FT AMSL BRG 020 DEG MAG 4,332M FM ARP. Infringes inner horizontal surface by up to 52FT.
- xxix) 470FT AMSL BRG 022 DEG MAG 4,501M FM ARP. Infringes inner horizontal surface by up to 65FT.
- xxx) 465FT AMSL BRG 022 DEG MAG 4,484M FM ARP. Infringes inner horizontal surface by up to 61FT.
- xxxi) 462FT AMSL BRG 008 DEG MAG 3,708M FM ARP. Infringes inner horizontal surface by up to 57FT (Lattice antenna).
- xxxii) 450FT AMSL BRG 245 DEG MAG 4,830M FM ARP. Infringes inner horizontal surface by up to 45FT (Communication Tower)
- xxxiii) 415FT AMSL BRG 342 DEG MAG 3,210M FM ARP. Infringes inner horizontal surface by up to 10FT (Lit).

h) Phone Towers:

- i) 413FT AMSL BRG 316 DEG MAG 3,024M FM ARP. Infringes inner horizontal surface by up to 8FT.
- ii) 411FT AMSL BRG 326 DEG MAG 3,301M FM ARP. Infringes inner horizontal surface by up to 6FT.
- iii) 434FT AMSL BRG 330 DEG MAG 4,648M FM ARP. Infringes inner horizontal surface by up to 29FT.
- iv) 434FT AMSL BRG 329 DEG MAG 4,700M FM ARP. Infringes inner horizontal surface by up to 29FT.
- v) 500FT AMSL BRG 006 DEG MAG 4,665M FM ARP. Infringes inner horizontal surface by up to 95FT.
- vi) 412FT AMSL BRG 360 DEG MAG 3,693M FM ARP. Infringes inner horizontal surface by up to 7FT.
- vii) 442FT AMSL BRG 314 DEG MAG 4,619 M FM ARP. Infringes inner horizontal surface by up to 37FT (lit).
- viii) 501FT AMSL BRG 006 DEG MAG 5,255M FM ARP. Infringes conical surface by up to 26FT (on BLDG).
- ix) 484FT AMSL BRG 003 DEG MAG 5,072M FM ARP. Infringes conical surface by up to 42FT.

i) Stadium Lights:

- i) 437FT AMSL BRG 315 DEG MAG 4,944M FM ARP. Infringes conical surface by up to 6FT.
- ii) 429FT AMSL BRG 316 DEG MAG 4,854M FM ARP. Infringes conical surface by up to 15FT.
- iii) 437FT AMSL BRG 314 DEG MAG 4,880M FM ARP. Infringes conical surface by up to 16FT.
- iv) 427FT AMSL BRG 315 DEG MAG 4,789M FM ARP. Infringes inner horizontal surface by up to 21FT.

j) Flood Lights:

- i) 450FT AMSL BRG 027 DEG MAG 4,709M FM ARP. Infringes conical surface by up to 30FT.
- ii) 455FT AMSL BRG 027 DEG MAG 4,766M FM ARP. Infringes conical surface by up to 26FT.
- iii) 420FT AMSL BRG 330 DEG MAG 4,676M FM ARP. Infringes inner horizontal surface by up to 15FT.
- iv) 420FT AMSL BRG 330 DEG MAG 4,718M FM ARP. Infringes inner horizontal surface by up to 15FT.
- v) 420FT AMSL BRG 330 DEG MAG 4,760M FM ARP. Infringes inner horizontal surface by up to 15FT.
- vi) 421FT AMSL BRG 330 DEG MAG 4,795M FM ARP. Infringes inner horizontal surface by up to 16FT.
- vii) 460FT AMSL BRG 333 DEG MAG 4,853M FM ARP. Infringes inner horizontal surface by up to 55FT.
- viii) 460FT AMSL BRG 333 DEG MAG 4,819M FM ARP. Infringes inner horizontal surface by up to 55FT.
- ix) 460FT AMSL BRG 334 DEG MAG 4,883M FM ARP. Infringes inner horizontal surface by up to 55FT.
- x) 475FT AMSL BRG 013 DEG MAG 4,226M FM ARP. Infringes inner horizontal surface by up to 70FT.

k) Street Lights:

- i) 427FT AMSL BRG 326 DEG MAG 4,496M FM ARP. Infringes inner horizontal surface by up to 22FT.
- ii) 428FT AMSL BRG 327 DEG MAG 4,531M FM ARP. Infringes inner horizontal surface by up to 23FT.
- iii) 428FT AMSL BRG 327 DEG MAG 4,470M FM ARP. Infringes inner horizontal surface by up to 23FT.
- iv) 425FT AMSL BRG 327 DEG MAG 4,441M FM ARP. Infringes inner horizontal surface by up to 20FT.
- v) 410FT AMSL BRG 327 DEG MAG 4,243M FM ARP. Infringes inner horizontal surface by up to 5FT.

- vi) 407FT AMSL BRG 328 DEG MAG 4,253M FM ARP. Infringes inner horizontal surface by up to 2FT.
 - vii) 416FT AMSL BRG 327 DEG MAG 4,313M FM ARP. Infringes inner horizontal surface by up to 11FT.
 - viii) 420FT AMSL BRG 327 DEG MAG 4,351M FM ARP. Infringes inner horizontal surface by up to 15FT.
 - ix) 421FT AMSL BRG 327 DEG MAG 4,378M FM ARP. Infringes inner horizontal surface by up to 16FT.
 - x) 456FT AMSL BRG 005 DEG MAG 4,997M FM ARP. Infringes conical surface by up to 24FT (multiple lights on overpass).
- l) Aerials:
- i) 412FT AMSL BRG 316 DEG MAG 4,445M FM ARP. Infringes inner horizontal surface by up to 7FT (United parking).
 - ii) 409FT AMSL BRG 314 DEG MAG 4,778M FM ARP. Infringes inner horizontal surface by up to 4FT (on building).
 - iii) 498FT AMSL BRG 360 DEG MAG 4,921M FM ARP. Infringes conical surface by up to 84FT (lit).
 - iv) 422FT AMSL BRG 323 DEG MAG 4,440M FM ARP. Infringes inner horizontal surface by up to 17FT.
 - v) 423FT AMSL BRG 322 DEG MAG 4,468M FM ARP. Infringes inner horizontal surface by up to 17FT.

3. ERSA UPDATE

3.1 Replace Aerodrome Obstacles Section to the following:

- i) Various permanent obstacles such as lit towers, poles and masts in Take off, Approach and Transitional surfaces.
- ii) Permanent Obstacles such as buildings, transmission towers, phone towers, stadium, street and flood lights and aerials in Inner Horizontal and Conical Surface.
- iii) For information regarding temporary or other obstacles refer to NOTAM and/or CTC AD OPR.

4. CANCELLATION

- 4.1 This SUP will remain current when incorporated into the AIP products, expected 28 November 2024.

5. DISTRIBUTION

- 5.1 Airservices Australia website only.