

WSAG - SEMBAWANG

Note: The following sections in this chapter are intentionally left blank:

AD 2.4, AD 2.5, AD 2.7, AD 2.9, AD 2.11, AD 2.14, AD 2.16, AD 2.20, AD 2.21, AD 2.22, AD 2.23, AD 2.24, AD 2.25.

WSAG AD 2.1 AERODROME LOCATION INDICATOR AND NAME**WSAG - SEMBAWANG****WSAG AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

| | | |
|---|--|--|
| 1 | ARP coordinates and site at AD | 012535.40N 1034857.72E |
| 2 | Elevation/Reference temperature | 25.60 M (84ft) / 31.5°C |
| 3 | MAG VAR | 0°23' (2020) |
| 4 | Ad Administration, address, telephone, telefax, telex, AFS | RSAF Sembawang Airbase, Sembawang Road, SINGAPORE TEL: (65)67508036 (Base Operations Centre) AFS: WSAGYWYX |
| 5 | Types of traffic permitted | VFR only |
| 6 | Remarks | Operator: Republic of Singapore Air Force. AD for helicopter use only. |

WSAG AD 2.3 OPERATIONAL HOURS

| | | |
|---|--------------------------|---|
| 1 | Aerodrome Administration | H24 |
| 2 | MET Briefing Office | 2330-1430 SUN/MON to TUE/WED. 2330-1130 WED/THU TO THU/FRI. Prior arrangement required for weekend. |
| 3 | Air Traffic Services | H24 |
| 4 | Remarks | Nil |

WSAG AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|--|
| 1 | AD category for fire fighting | CAT 4 |
| 2 | Rescue equipment | Adequately provided as recommended by ICAO |
| 3 | Capability for removal of disabled aircraft | Sufficient salvage equipment provided by Airfield Ground Services section at Military Bases. |
| 4 | Remarks | All Airport Emergency Services personnel are trained in rescue and fire fighting as well as medical first-aid. |

WSAG AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

| | | |
|---|-------------------------------------|------------------|
| 1 | Apron surface and strength | Strength: PCN 26 |
| 2 | Taxiway width, surface and strength | Strength: PCN 26 |
| 5 | Remarks | Nil |

WSAG AD 2.10 AERODROME OBSTACLES

| In Approach / TKOF Areas | In Circling Area and at Aerodrome |
|---|-----------------------------------|
| 6 tower cranes, HGT 128m, located at 012800N 1035000E (Sembawang Shipyard). Marked/Lighted. | Nil |

WSAG AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| RWY Designator | True and Magnetic Bearing | RWY Dimensions (m) | Strength and surface of RWY/ SWY | THR Coordinates | THR ELEV and highest ELEV of TDZ of Precision APCH RWY |
|----------------|---------------------------|--------------------|----------------------------------|-----------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 05 | 046 ⁰ | 914 x 30 | LCN 26 BITUM | Nil | 84 FT |
| 23 | 226 ⁰ | 914 x 30 | LCN 26 BITUM | Nil | 56 FT |

WSAG AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|----------------|----------|----------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 05 | 914 | 914 | 975 | 914 | Nil |
| 23 | 914 | 914 | 975 | 914 | Nil |

WSAG AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|---------------------|---|
| 1 | IBN | 012528.43N 1034845.75E, FLG R 'AG', EV 20 SEC, OPR HR: HN and IMC |
| 2 | WDI/Taxiway/Stopway | Lighted |

WSAG AD 2.17 ATS AIRSPACE

| | | |
|---|--------------------------------|--|
| 1 | Designation and Lateral Limits | SEMBAWANG ATZ An arc of 2NM radius centred on Sembawang AD (012536.00N 1034858.02E) commencing from 168° radial clockwise to 072° radial and thence a straight line joining these two points. |
| 2 | Vertical Limits | SFC to 4 500ft ALT Maximum Usable ALT 4 000ft |
| 3 | Airspace Classification | D |
| 4 | ATS unit Callsign Language(s) | SEMBAWANG TOWER English |
| 5 | Transition Altitude | 11000 FT (3,350m) |
| 6 | Remarks | Controlling Authority: RSAF, Sembawang Air Base. Prior permission required for non-scheduled aircraft. Traffic Circuit: RWY 05 - left hand circuit Traffic Circuit: RWY 23 - right hand circuit Transit Channel: refer to chart on page ENR 3.5-3. |

WSAG AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|----------------------------|---------------------|------------------------|---|---------|
| 1 | 2 | 3 | 4 | 5 |
| APP | PAYA LEBAR APPROACH | 127.7 MHz 255.8 MHz | BTN 2300-1100 SUN/MON to THU/FRI and BTN 2300-0500 FRI/SAT. Prior permission required on SUN and Public holidays | Nil |
| TWR | SEMBAWANG TOWER | 239.0 MHz 129.7 MHz | | Nil |
| GND | SEMBAWANG GROUND | 277.1 MHz 118.8 MHz | | Nil |
| Flight Information Service | SINGAPORE RADAR | 119.1 MHz | H24 | Nil |

| <i>Service designation</i> | <i>Call sign</i> | <i>Frequency</i> | <i>Hours of operation</i> | <i>Remarks</i> |
|----------------------------|--------------------|---|---------------------------|---|
| 1 | 2 | 3 | 4 | 5 |
| APP | SINGAPORE ARRIVAL | P119.3 MHz S119.4 MHz S119.55 MHz | H24 | TAR - Intermediate and final approach to Singapore Changi AP. |
| | SINGAPORE APPROACH | P124.05 MHz S124.6 MHz S126.3 MHz | | TAR – flow control service provided for ARR/DEP ACFT. Intermediate approach to Singapore Changi AP and other airports in Singapore. DEP from all airports in Singapore. |

WSAG AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| <i>Type of Aid</i> | <i>IDENT</i> | <i>Frequency</i> | <i>OPR HR</i> | <i>Coordinates</i> | <i>Remarks</i> |
|--------------------|--------------|------------------|---------------|------------------------|--------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| SEMBAWANG NDB | AG | 325 kHz | H24 | 012526.40N 1034913.00E | For training approaches in VMC only. |

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