

YSSY - Sydney - Sydney Kingsford Smith Intl

Airport details

| | |
|-------------|----------------------|
| State | New South Wales |
| Country | Australia |
| Region | YM |
| Elevation | 20ft (6m) |
| Timezone | GMT +10 |
| Coordinates | -33.93967, 151.19167 |
| Type | land |
| ICAO code | YSSY |
| IATA code | SYD |
| FAA code | n/a |

Runway info

| | |
|------------------------|----------------------------|
| Runway 16R / 34L | |
| length | 3973m (13035ft) |
| bearing | 165° / 345° |
| width | 45m (148ft) |
| surface | asphalt |
| displacement threshold | 86m (282ft) / 0m (0ft) |
| blast zone | 90m (295ft) / 189m (620ft) |
| Runway 07 / 25 | |
| length | 2524m (8281ft) |
| bearing | 77° / 257° |
| width | 45m (148ft) |
| surface | asphalt |
| displacement threshold | 0m (0ft) / 100m (328ft) |
| blast zone | 148m (486ft) / 60m (197ft) |
| Runway 16L / 34R | |
| length | 2445m (8022ft) |
| bearing | 165° / 345° |
| width | 45m (148ft) |
| surface | asphalt |
| displacement threshold | 231m (758ft) / 38m (125ft) |
| blast zone | 90m (295ft) / 90m (295ft) |

Communication

| | |
|----------------------------------|---------|
| Sydney Kingsford Smith Intl ATIS | 126.250 |
| Sydney Kingsford Smith Intl ATIS | 126.250 |
| Sydney Kingsford Smith Intl ATIS | 126.250 |
| Sydney Kingsford Smith Intl ATIS | 126.250 |
| Sydney Kingsford Smith Intl CLD | 133.800 |
| Sydney Kingsford Smith Intl CLD | 133.800 |

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| Sydney Kingsford Smith Intl CLD | 133.800 |
| Sydney Kingsford Smith Intl CLD | 133.800 |
| Sydney Kingsford Smith Intl GND (E of RWY 16R/34L) | 121.700 |
| Sydney Kingsford Smith Intl GND (W of RWY 16R/34L) | 126.500 |
| Sydney Kingsford Smith Intl GND (E of RWY 16R/34L) | 121.700 |
| Sydney Kingsford Smith Intl GND (W of RWY 16R/34L) | 126.500 |
| Sydney Kingsford Smith Intl GND (E of RWY 16R/34L) | 121.700 |
| Sydney Kingsford Smith Intl GND (W of RWY 16R/34L) | 126.500 |
| Sydney Kingsford Smith Intl GND (E of RWY 16R/34L) | 121.700 |
| Sydney Kingsford Smith Intl GND (W of RWY 16R/34L) | 126.500 |
| Sydney Kingsford Smith Intl TWR (RWY 16L/34R) | 124.700 |
| Sydney Kingsford Smith Intl TWR (RWYs 16R/34L & 07/25) | 120.500 |
| Sydney Kingsford Smith Intl TWR (RWYs 16R/34L & 07/25) | 120.500 |
| Sydney Kingsford Smith Intl TWR (RWY 16L/34R) | 124.700 |
| Sydney Kingsford Smith Intl TWR (RWYs 16R/34L & 07/25) | 120.500 |
| Sydney Kingsford Smith Intl TWR (RWYs 16R/34L & 07/25) | 120.500 |
| Sydney Kingsford Smith Intl TWR (RWY 16L/34R) | 124.700 |
| Sydney Kingsford Smith Intl TWR (RWY 16L/34R) | 124.700 |
| Sydney Kingsford Smith Intl APP S/W | 128.300 |
| Sydney Kingsford Smith Intl DIR E | 125.300 |
| Sydney Kingsford Smith Intl DIR W | 126.100 |
| Sydney Kingsford Smith Intl PRM E (Monitor) | 133.950 |
| Sydney Kingsford Smith Intl PRM W (Monitor) | 119.450 |
| Sydney Kingsford Smith Intl PRM E (Monitor) | 133.950 |
| Sydney Kingsford Smith Intl DIR W | 126.100 |
| Sydney Kingsford Smith Intl DIR E | 125.300 |
| Sydney Kingsford Smith Intl APP S/W | 128.300 |
| Sydney Kingsford Smith Intl APP N/E | 124.400 |
| Sydney Kingsford Smith Intl APP N/E | 124.400 |
| Sydney Kingsford Smith Intl DIR W | 126.100 |
| Sydney Kingsford Smith Intl DIR E | 125.300 |

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|--|---------|
| Sydney Kingsford Smith Intl PRM E (Monitor) | 133.950 |
| Sydney Kingsford Smith Intl PRM W (Monitor) | 119.450 |
| Sydney Kingsford Smith Intl APP S/W | 128.300 |
| Sydney Kingsford Smith Intl APP N/E | 124.400 |
| Sydney Kingsford Smith Intl APP N/E | 124.400 |
| Sydney Kingsford Smith Intl APP S/W | 128.300 |
| Sydney Kingsford Smith Intl DIR E | 125.300 |
| Sydney Kingsford Smith Intl DIR W | 126.100 |
| Sydney Kingsford Smith Intl PRM E (Monitor) | 133.950 |
| Sydney Kingsford Smith Intl PRM W (Monitor) | 119.450 |
| Sydney Kingsford Smith Intl PRM W (Monitor) | 119.450 |
| Sydney Kingsford Smith Intl DEP N/E | 123.000 |
| Sydney Kingsford Smith Intl DEP S/W/NW | 129.700 |
| Sydney Kingsford Smith Intl DEP S/W/NW | 129.700 |
| Sydney Kingsford Smith Intl DEP S/W/NW | 129.700 |
| Sydney Kingsford Smith Intl DEP S/W/NW | 129.700 |
| Sydney Kingsford Smith Intl DEP N/E | 123.000 |
| Sydney Kingsford Smith Intl DEP N/E | 123.000 |
| Sydney Kingsford Smith Intl DEP N/E | 123.000 |

Approach frequencies

| | | | |
|------------|-----|-------|---------|
| ILS-cat-II | 16L | 110.9 | 18.00mi |
| ILS-cat-II | 34L | 110.1 | 18.00mi |
| ILS-cat-II | 16R | 109.5 | 18.00mi |
| ILS-cat-II | 34R | 109.3 | 18.00mi |
| ILS-cat-I | 07 | 109.9 | 18.00mi |
| ILS-cat-I | 25 | 109.7 | 18.00mi |
| 3° GS | 07 | 109.9 | 18.00mi |
| 3° GS | 34R | 109.3 | 18.00mi |
| 3° GS | 16R | 109.5 | 18.00mi |
| 3° GS | 25 | 109.7 | 18.00mi |
| 3° GS | 34L | 110.1 | 18.00mi |
| 3° GS | 16L | 110.9 | 18.00mi |

Nearby beacons

| code | identifier | dist | bearing | frequency |
|------|------------------------|------|---------|-----------|
| SY | DME | 0.5 | 245.5° | 112.10 |
| BK | BANKSTOWN (SYDNEY) NDB | 10.1 | 273.1° | 416 |

| | | | | |
|-----|----------------|------|--------|--------|
| RIC | RICHMOND TACAN | 27.9 | 310.2° | 110.70 |
| RIC | RICHMOND NDB | 29.2 | 309.5° | 347 |
| WOL | WOLLONGONG NDB | 42.1 | 212.9° | 239 |

Departure and arrival routes

Transition altitude 10000ft
 Transition level 11000ft

| SID end points | distance | outbound direction |
|-----------------------|-----------------|---------------------------|
| RW07 | | |
| FISHA8 | 42.1 | 213° |
| RW16L | | |
| KEVIN6 | 33.0 | 55° |
| ABBEY3 | 42.1 | 213° |
| RW16R | | |
| DEENA7 | 42.1 | 213° |
| RW34L | | |
| WOL2 | 42.1 | 213° |
| KADOM1 | 46.5 | 284° |
| RIC5 | 27.9 | 310° |
| RW34R | | |
| ENTRA5 | 33.0 | 55° |
| MARUB6 | 42.1 | 213° |

| STAR starting points | distance | inbound direction |
|-----------------------------|-----------------|--------------------------|
| ALL | | |
| ODALE7 | 34.7 | 77° |
| MEPIL3 | 32.2 | 182° |
| RW07 | | |
| RIVET3 | 20.5 | 66° |
| BORE3A | 14.5 | 166° |
| MARLN5 | 29.5 | 276° |
| RW16 (ALL) | | |
| RIVET3 | 20.5 | 66° |
| BORE3A | 14.5 | 166° |
| MARLN5 | 29.5 | 276° |
| RW16R | | |
| BORE3P | 42.8 | 168° |
| RW25 | | |
| RIVET3 | 20.5 | 66° |
| BORE3A | 14.5 | 166° |
| MARLN5 | 29.5 | 276° |
| RW34 (ALL) | | |
| RIVET3 | 20.5 | 66° |
| RW34L | | |
| BORE3A | 14.5 | 166° |

| | | | |
|-------|--------|------|------|
| RW34R | MARLN5 | 29.5 | 276° |
| | BORE3A | 14.5 | 166° |
| | MARLN5 | 29.5 | 276° |

Holding patterns

| STAR name | hold at | type | turn | heading* | altitude | leg | speed limit |
|-----------|---------|------|-------|------------|----------|--------------|-------------|
| MEPIL3 | MEPIL | VHF | right | 350 (170)° | | 1.0min timed | ICAO rules |

*) magnetic outbound (inbound) holding course

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