

NZIR

MCMURDO STATION ICE RUNWAY

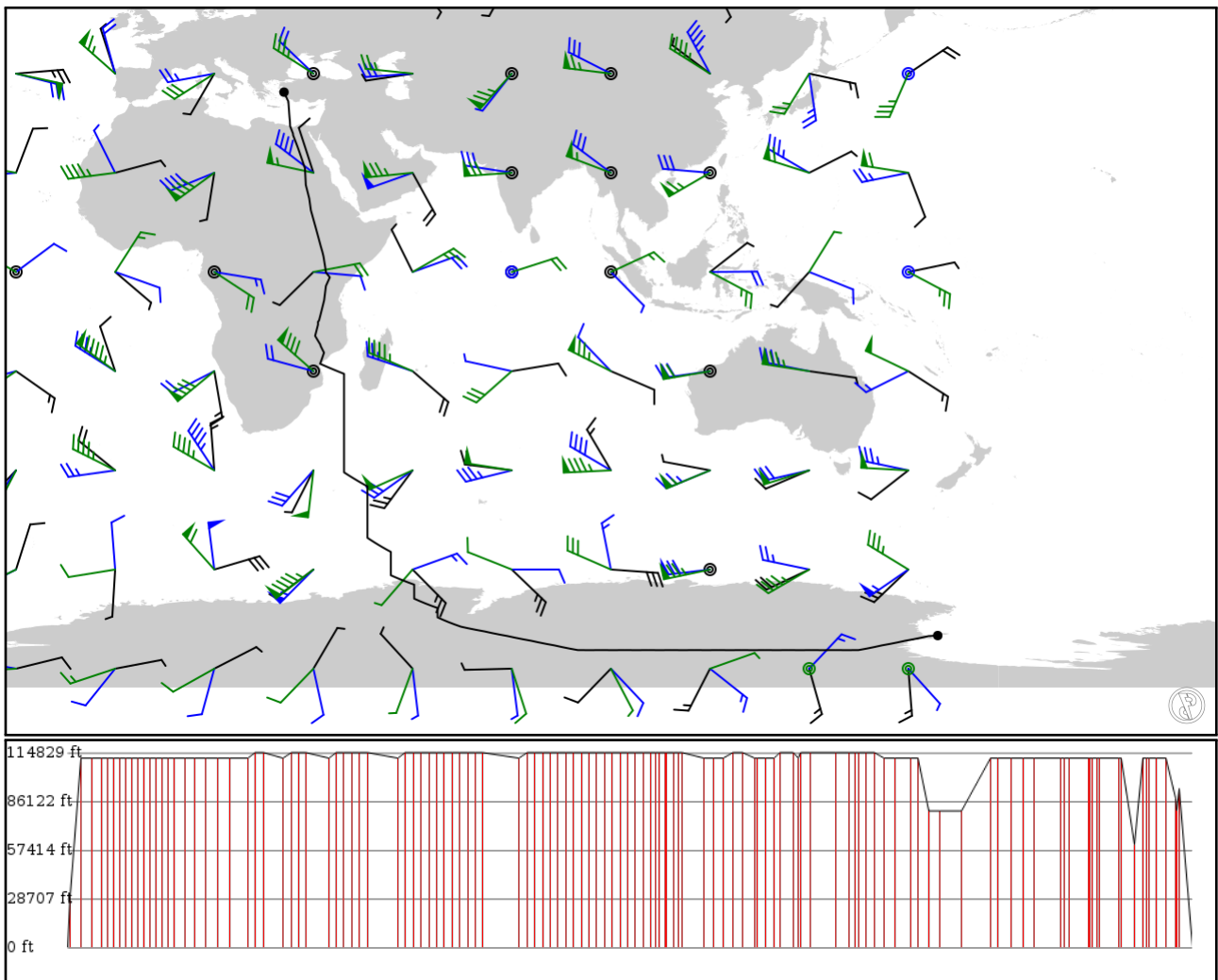
LTBJ

ADNAN MENDERES

2024/05/05 0846Z

NZIR 7800S16500E 7900S16000E 8000S15500E 8100S15000E 8100S14500E 8100S14000E 8100S13500E
8100S13000E 8100S12500E 8100S12000E 8100S11500E 8100S11000E 8100S10500E 8100S10000E 8100S09500E
8100S09000E 8000S08500E 7900S08000E 7800S07500E 7700S07000E 7600S06500E 7400S06000E 7300S06000E
7200S06000E 7000S05500E 6900S05500E 6800S05500E 6700S05500E 6500S05000E 6400S05000E 6300S05000E
6200S05000E 6100S05000E 6000S05000E 5700S04500E 5600S04500E 5500S04500E 5400S04500E 5300S04500E
5200S04500E 5100S04500E 5000S04500E 4900S04500E 4800S04500E 4700S04500E 4600S04500E 4300S04000E
4200S04000E 4100S04000E 4000S04000E 3900S04000E 3800S04000E 3700S04000E 3600S04000E 3500S04000E
3400S04000E 3300S04000E 3200S04000E 3100S04000E 3000S04000E 2900S04000E 2800S04000E 2700S04000E
2600S04000E TETRO 2500S04000E SUNIR 2400S04000E 2300S04000E EROPA EGMAD **UG652** VBR **G657** NAMDA
UG657 GEPIS 1600S03500E VCL **UR410** TETEM DVL DVL18 **R409** IMKAL ORLIM **UA407** MANDA **UR409** LOSIN **UA405**
NV **UA727** ANTAX **A727** AVONO **UA727** NUBAR **P557** KATAB **B12** DBA **W3** ANTAR **UW54** RDS **UN128** BANRO **UG80** YUNUS
LTBJ

8722.25 nm / 16153.60 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts

- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|-----|------------|-----------|--------------|----------------------------|
| NZIR | - | -77.89184 | 0 ft | - | MCMURDO STATION ICE RUNWAY |
| APT | - | 166.96893 | 0 m | | |
| 7800S16500E | - | -78.00000 | 9,100 ft | 25 | - |
| LATLON | - | 165.00000 | 2,774 m | | |
| 7900S16000E | - | -79.00000 | 34,000 ft | 84 | - |
| LATLON | - | 160.00000 | 10,363 m | | |
| 8000S15500E | - | -80.00000 | 34,000 ft | 81 | - |
| LATLON | - | 155.00000 | 10,363 m | | |
| 8100S15000E | - | -81.00000 | 34,000 ft | 77 | - |
| LATLON | - | 150.00000 | 10,363 m | | |
| 8100S14500E | - | -81.00000 | 34,000 ft | 46 | - |
| LATLON | - | 145.00000 | 10,363 m | | |
| 8100S14000E | - | -81.00000 | 34,000 ft | 46 | - |
| LATLON | - | 140.00000 | 10,363 m | | |
| 8100S13500E | - | -81.00000 | 34,000 ft | 46 | - |
| LATLON | - | 135.00000 | 10,363 m | | |
| 8100S13000E | - | -81.00000 | 34,000 ft | 46 | - |
| LATLON | - | 130.00000 | 10,363 m | | |
| 8100S12500E | - | -81.00000 | 34,000 ft | 46 | - |
| LATLON | - | 125.00000 | 10,363 m | | |
| 8100S12000E | - | -81.00000 | 34,000 ft | 46 | - |
| LATLON | - | 120.00000 | 10,363 m | | |
| 8100S11500E | - | -81.00000 | 34,000 ft | 46 | - |
| LATLON | - | 115.00000 | 10,363 m | | |
| 8100S11000E | - | -81.00000 | 34,000 ft | 46 | - |
| LATLON | - | 110.00000 | 10,363 m | | |
| 8100S10500E | - | -81.00000 | 34,000 ft | 46 | - |
| LATLON | - | 105.00000 | 10,363 m | | |
| 8100S10000E | - | -81.00000 | 34,000 ft | 46 | - |
| LATLON | - | 100.00000 | 10,363 m | | |
| 8100S09500E | - | -81.00000 | 34,000 ft | 46 | - |
| LATLON | - | 95.00000 | 10,363 m | | |
| 8100S09000E | - | -81.00000 | 34,000 ft | 46 | - |
| LATLON | - | 90.00000 | 10,363 m | | |
| 8000S08500E | - | -80.00000 | 34,000 ft | 77 | - |
| LATLON | - | 85.00000 | 10,363 m | | |
| 7900S08000E | - | -79.00000 | 34,000 ft | 81 | - |
| LATLON | - | 80.00000 | 10,363 m | | |
| 7800S07500E | - | -78.00000 | 34,000 ft | 84 | - |
| LATLON | - | 75.00000 | 10,363 m | | |
| 7700S07000E | - | -77.00000 | 34,000 ft | 88 | - |
| LATLON | - | 70.00000 | 10,363 m | | |
| 7600S06500E | - | -76.00000 | 34,000 ft | 92 | - |
| LATLON | - | 65.00000 | 10,363 m | | |
| 7400S06000E | - | -74.00000 | 34,000 ft | 142 | - |
| LATLON | - | 60.00000 | 10,363 m | | |
| 7300S06000E | - | -73.00000 | 35,000 ft | 60 | - |
| LATLON | - | 60.00000 | 10,668 m | | |
| 7200S06000E | - | -72.00000 | 35,000 ft | 60 | - |
| LATLON | - | 60.00000 | 10,668 m | | |
| 7000S05500E | - | -70.00000 | 34,000 ft | 154 | - |
| LATLON | - | 55.00000 | 10,363 m | | |
| 6900S05500E | - | -69.00000 | 35,000 ft | 60 | - |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|-----|------------|-----------|--------------|------|
| LATLON | - | 55.00000 | 10,668 m | | |
| 6800S05500E | - | -68.00000 | 35,000 ft | 60 | - |
| LATLON | - | 55.00000 | 10,668 m | | |
| 6700S05500E | - | -67.00000 | 35,000 ft | 60 | - |
| LATLON | - | 55.00000 | 10,668 m | | |
| 6500S05000E | - | -65.00000 | 34,000 ft | 171 | - |
| LATLON | - | 50.00000 | 10,363 m | | |
| 6400S05000E | - | -64.00000 | 35,000 ft | 60 | - |
| LATLON | - | 50.00000 | 10,668 m | | |
| 6300S05000E | - | -63.00000 | 35,000 ft | 60 | - |
| LATLON | - | 50.00000 | 10,668 m | | |
| 6200S05000E | - | -62.00000 | 35,000 ft | 60 | - |
| LATLON | - | 50.00000 | 10,668 m | | |
| 6100S05000E | - | -61.00000 | 35,000 ft | 60 | - |
| LATLON | - | 50.00000 | 10,668 m | | |
| 6000S05000E | - | -60.00000 | 35,000 ft | 60 | - |
| LATLON | - | 50.00000 | 10,668 m | | |
| 5700S04500E | - | -57.00000 | 34,000 ft | 238 | - |
| LATLON | - | 45.00000 | 10,363 m | | |
| 5600S04500E | - | -56.00000 | 35,000 ft | 60 | - |
| LATLON | - | 45.00000 | 10,668 m | | |
| 5500S04500E | - | -55.00000 | 35,000 ft | 60 | - |
| LATLON | - | 45.00000 | 10,668 m | | |
| 5400S04500E | - | -54.00000 | 35,000 ft | 60 | - |
| LATLON | - | 45.00000 | 10,668 m | | |
| 5300S04500E | - | -53.00000 | 35,000 ft | 60 | - |
| LATLON | - | 45.00000 | 10,668 m | | |
| 5200S04500E | - | -52.00000 | 35,000 ft | 60 | - |
| LATLON | - | 45.00000 | 10,668 m | | |
| 5100S04500E | - | -51.00000 | 35,000 ft | 60 | - |
| LATLON | - | 45.00000 | 10,668 m | | |
| 5000S04500E | - | -50.00000 | 35,000 ft | 60 | - |
| LATLON | - | 45.00000 | 10,668 m | | |
| 4900S04500E | - | -49.00000 | 35,000 ft | 60 | - |
| LATLON | - | 45.00000 | 10,668 m | | |
| 4800S04500E | - | -48.00000 | 35,000 ft | 60 | - |
| LATLON | - | 45.00000 | 10,668 m | | |
| 4700S04500E | - | -47.00000 | 35,000 ft | 60 | - |
| LATLON | - | 45.00000 | 10,668 m | | |
| 4600S04500E | - | -46.00000 | 35,000 ft | 60 | - |
| LATLON | - | 45.00000 | 10,668 m | | |
| 4300S04000E | - | -43.00000 | 34,000 ft | 279 | - |
| LATLON | - | 40.00000 | 10,363 m | | |
| 4200S04000E | - | -42.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 4100S04000E | - | -41.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 4000S04000E | - | -40.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 3900S04000E | - | -39.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 3800S04000E | - | -38.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 3700S04000E | - | -37.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 3600S04000E | - | -36.00000 | 35,000 ft | 60 | - |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|------------------|
| LATLON | - | 40.00000 | 10,668 m | | |
| 3500S04000E | - | -35.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 3400S04000E | - | -34.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 3300S04000E | - | -33.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 3200S04000E | - | -32.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 3100S04000E | - | -31.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 3000S04000E | - | -30.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 2900S04000E | - | -29.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 2800S04000E | - | -28.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 2700S04000E | - | -27.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 2600S04000E | - | -26.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| TETRO | - | -25.33333 | 35,000 ft | 40 | - |
| FIX | - | 40.00000 | 10,668 m | | |
| 2500S04000E | - | -25.00000 | 35,000 ft | 20 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| SUNIR | - | -24.20000 | 35,000 ft | 48 | - |
| FIX | - | 40.00000 | 10,668 m | | |
| 2400S04000E | - | -24.00000 | 35,000 ft | 12 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| 2300S04000E | - | -23.00000 | 35,000 ft | 60 | - |
| LATLON | - | 40.00000 | 10,668 m | | |
| EROPA | - | -22.49667 | 35,000 ft | 30 | - |
| FIX | - | 40.00000 | 10,668 m | | |
| EGMAD | - | -21.93333 | 35,000 ft | 33 | - |
| FIX | - | 40.00000 | 10,668 m | | |
| IMRON | UG652 | -20.82760 | 34,000 ft | 165 | - |
| FIX | AWY-HI | 37.29181 | 10,363 m | | |
| TEXOM | UG652 | -20.31264 | 34,000 ft | 74 | - |
| FIX | AWY-HI | 36.08011 | 10,363 m | | |
| VBR | UG652 | -19.78767 | 34,000 ft | 75 | BEIRA VOR-DME |
| VOR | AWY-HI | 34.87175 | 10,363 m | | |
| NAMDA | G657 | -18.60186 | 35,000 ft | 75 | - |
| FIX | AWY-HI | 35.30041 | 10,668 m | | |
| GEPIS | UG657 | -17.40786 | 35,000 ft | 75 | - |
| FIX | AWY-HI | 35.71010 | 10,668 m | | |
| 1600S03500E | - | -16.00000 | 34,000 ft | 93 | - |
| LATLON | - | 35.00000 | 10,363 m | | |
| VCL | - | -15.67383 | 34,000 ft | 20 | CHILEKA VOR-DME |
| VOR | - | 34.91646 | 10,363 m | | |
| TETEM | UR410 | -14.71724 | 34,000 ft | 66 | - |
| FIX | AWY-HI | 34.34450 | 10,363 m | | |
| DVL | - | -13.81260 | 34,000 ft | 62 | LILONGWE VOR-DME |
| VOR | - | 33.80782 | 10,363 m | | |
| DVL18 | - | -12.99897 | 35,000 ft | 50 | - |
| FIX | - | 34.02113 | 10,668 m | | |
| IMKAL | R409 | -11.39335 | 35,000 ft | 99 | - |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|------------------|
| FIX | AWY-HI | 34.42923 | 10,668 m | | |
| ORLIM | - | -10.80174 | 34,000 ft | 35 | - |
| FIX | - | 34.41673 | 10,363 m | | |
| MANDA | UA407 | -10.56015 | 35,000 ft | 19 | - |
| FIX | AWY-HI | 34.63601 | 10,668 m | | |
| UVKAT | UR409 | -9.31276 | 35,000 ft | 77 | - |
| FIX | AWY-HI | 34.95963 | 10,668 m | | |
| DO | UR409 | -6.16884 | 35,000 ft | 194 | DODOMA NDB |
| NDB | AWY-HI | 35.74552 | 10,668 m | | |
| ITSOK | UR409 | -4.48235 | 35,000 ft | 102 | - |
| FIX | AWY-HI | 35.95576 | 10,668 m | | |
| AVETA | UR409 | -3.68048 | 35,000 ft | 48 | - |
| FIX | AWY-HI | 36.05437 | 10,668 m | | |
| LOSIN | UR409 | -3.13330 | 35,000 ft | 33 | - |
| FIX | AWY-HI | 36.12215 | 10,668 m | | |
| EVATO | UA405 | -2.37865 | 35,000 ft | 49 | - |
| FIX | AWY-HI | 36.46605 | 10,668 m | | |
| NV | UA405 | -1.29990 | 35,000 ft | 71 | NAIROBI VOR-DME |
| VOR | AWY-HI | 36.95423 | 10,668 m | | |
| NAK | UA727 | -0.30475 | 34,000 ft | 76 | NAKURU VOR-DME |
| VOR | AWY-HI | 36.15339 | 10,363 m | | |
| LADAN | UA727 | 0.99721 | 34,000 ft | 79 | - |
| FIX | AWY-HI | 35.95083 | 10,363 m | | |
| LOV | UA727 | 3.10750 | 34,000 ft | 128 | LODWAR VOR-DME |
| VOR | AWY-HI | 35.61274 | 10,363 m | | |
| ANTAX | UA727 | 3.99944 | 34,000 ft | 55 | - |
| FIX | AWY-HI | 35.40286 | 10,363 m | | |
| AMATO | A727 | 5.31139 | 24,500 ft | 81 | - |
| FIX | AWY-LO | 35.02408 | 7,468 m | | |
| EPSIX | A727 | 6.63567 | 24,500 ft | 82 | - |
| FIX | AWY-LO | 34.66708 | 7,468 m | | |
| AVONO | A727 | 9.34050 | 24,500 ft | 168 | - |
| FIX | AWY-LO | 33.93372 | 7,468 m | | |
| KNA | UA727 | 13.02869 | 34,000 ft | 229 | KENANA VOR-DME |
| VOR | AWY-HI | 32.90716 | 10,363 m | | |
| GAGNI | UA727 | 13.90753 | 34,000 ft | 53 | - |
| FIX | AWY-HI | 32.78499 | 10,363 m | | |
| KTM | UA727 | 15.56609 | 34,000 ft | 100 | KHARTOUM VOR-DME |
| VOR | AWY-HI | 32.55338 | 10,363 m | | |
| ALPOX | UA727 | 17.19186 | 34,000 ft | 100 | - |
| FIX | AWY-HI | 32.14204 | 10,363 m | | |
| MRW | UA727 | 18.44977 | 34,000 ft | 77 | MEROWE VOR-DME |
| VOR | AWY-HI | 31.81866 | 10,363 m | | |
| NUBAR | UA727 | 22.00000 | 34,000 ft | 213 | - |
| FIX | AWY-HI | 31.63500 | 10,363 m | | |
| SML06 | P557 | 22.36444 | 34,000 ft | 22 | - |
| FIX | AWY-HI | 31.51444 | 10,363 m | | |
| ORLEX | P557 | 22.95889 | 34,000 ft | 37 | - |
| FIX | AWY-HI | 31.31639 | 10,363 m | | |
| KHG08 | P557 | 25.32556 | 34,000 ft | 148 | - |
| FIX | AWY-HI | 30.50944 | 10,363 m | | |
| VUTAB | P557 | 25.44667 | 34,000 ft | 7 | - |
| FIX | AWY-HI | 30.46722 | 10,363 m | | |
| KHG07 | P557 | 25.49000 | 34,000 ft | 2 | - |
| FIX | AWY-HI | 30.45194 | 10,363 m | | |
| AVIVA | P557 | 25.80500 | 34,000 ft | 19 | - |

| Ident Type | Via | Lat Lon | Alt | | Dist (nm) | Name |
|---------------|--------|------------|-----------|-----|--------------|-----------------|
| FIX | AWY-HI | 30.34139 | 10,363 m | | | |
| MB83 | P557 | 26.34278 | 34,000 ft | 33 | - | |
| APT | AWY-HI | 30.15111 | 10,363 m | | | |
| TUDSI | P557 | 26.68722 | 34,000 ft | 21 | - | |
| FIX | AWY-HI | 30.02444 | 10,363 m | | | |
| MISUK | P557 | 29.08528 | 34,000 ft | 152 | - | |
| FIX | AWY-HI | 29.10583 | 10,363 m | | | |
| KATAB | P557 | 29.41694 | 34,000 ft | 19 | - | |
| FIX | AWY-HI | 29.08500 | 10,363 m | | | |
| DBA | B12 | 31.01139 | 18,500 ft | 100 | | EL DABA VOR-DME |
| VOR | AWY-LO | 28.46694 | 5,639 m | | | |
| KATEX | W3 | 32.11694 | 34,000 ft | 66 | - | |
| FIX | AWY-HI | 28.41000 | 10,363 m | | | |
| ASNIR | W3 | 32.64694 | 34,000 ft | 31 | - | |
| FIX | AWY-HI | 28.36222 | 10,363 m | | | |
| GESAD | W3 | 32.94472 | 34,000 ft | 17 | - | |
| FIX | AWY-HI | 28.33500 | 10,363 m | | | |
| ANTAR | W3 | 33.80000 | 34,000 ft | 51 | - | |
| FIX | AWY-HI | 28.26667 | 10,363 m | | | |
| TELRI | UW54 | 35.03028 | 34,000 ft | 74 | - | |
| FIX | AWY-HI | 28.17861 | 10,363 m | | | |
| RDS | UW54 | 36.34111 | 26,800 ft | 78 | | RODOS VOR-DME |
| VOR | AWY-HI | 28.08250 | 8,169 m | | | |
| BANRO | UN128 | 36.49472 | 24,600 ft | 10 | - | |
| FIX | AWY-HI | 27.99528 | 7,498 m | | | |
| YUNUS | UG80 | 36.70722 | 28,500 ft | 13 | - | |
| FIX | AWY-HI | 27.88278 | 8,687 m | | | |
| LTBJ | - | 38.29221 | 0 ft | 101 | | ADNAN MENDERES |
| APT | - | 27.15594 | 0 m | | | |

LTBJ

Region: TURKEY
Timezone: EUROPE/ISTANBUL
Runways: 2

Elevation: 410 ft / 125 m
Location: 38.292200 27.155900
Magnetic Var: 5.514 E

METAR

LTBJ 050820Z 02018KT 9999 SCT030 19/08 Q1011 NOSIG RMK RWY16 04015KT

TAF

TAF LTBJ 050440Z 0506/0606 36013KT 9999 SCT030 SCT100 BECMG 0506/0509 01020G35KT BECMG 0512/0515 CAVOK BECMG 0518

Frequencies

| | |
|--------------------------------------|--------------------------------------|
| REC - 129.20 MHz - ATIS | GND - 121.90 MHz - MENDERES GROUND |
| GND - 121.70 MHz - MENDERES GROUND | TWR - 118.10 MHz - MENDERES TOWER |
| APP - 119.45 MHz - MENDERES APPROACH | APP - 120.10 MHz - MENDERES APPROACH |
| APP - 120.17 MHz - MENDERES APPROACH | APP - 134.20 MHz - MENDERES APPROACH |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 16R | 147 ft | 10,653 ft | 166.68 | CONCRETE | 0 ft | 197 ft |
| | 45 m | 3,247 m | 161.16 | | 0 m | 60 m |
| 34L | 147 ft | 10,653 ft | 346.68 | CONCRETE | 0 ft | 197 ft |
| | 45 m | 3,247 m | 341.17 | | 0 m | 60 m |
| 16L | 147 ft | 10,653 ft | 166.67 | ASPHALT | 0 ft | 197 ft |
| | 45 m | 3,247 m | 161.15 | | 0 m | 60 m |
| 34R | 147 ft | 10,653 ft | 346.67 | ASPHALT | 0 ft | 197 ft |
| | 45 m | 3,247 m | 341.16 | | 0 m | 60 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 16L | LOC-ILS | IIMR | 108.50 MHz | 18 nm | 166.67 | - | 410 ft |
| | | | | 33 km | 161.16 | | 410 m |
| 34R | LOC-ILS | IMEN | 110.30 MHz | 18 nm | 346.67 | - | 410 ft |
| | | | | 33 km | 341.16 | | 410 m |
| 16L | GS | IIMR | 108.50 MHz | 10 nm | 166.67 | 3.10 | 410 ft |
| | | | | 19 km | 161.16 | | 410 m |
| 34R | GS | IMEN | 110.30 MHz | 10 nm | 346.67 | 3.00 | 410 ft |
| | | | | 19 km | 341.16 | | 410 m |