

EGLL

London Heathrow

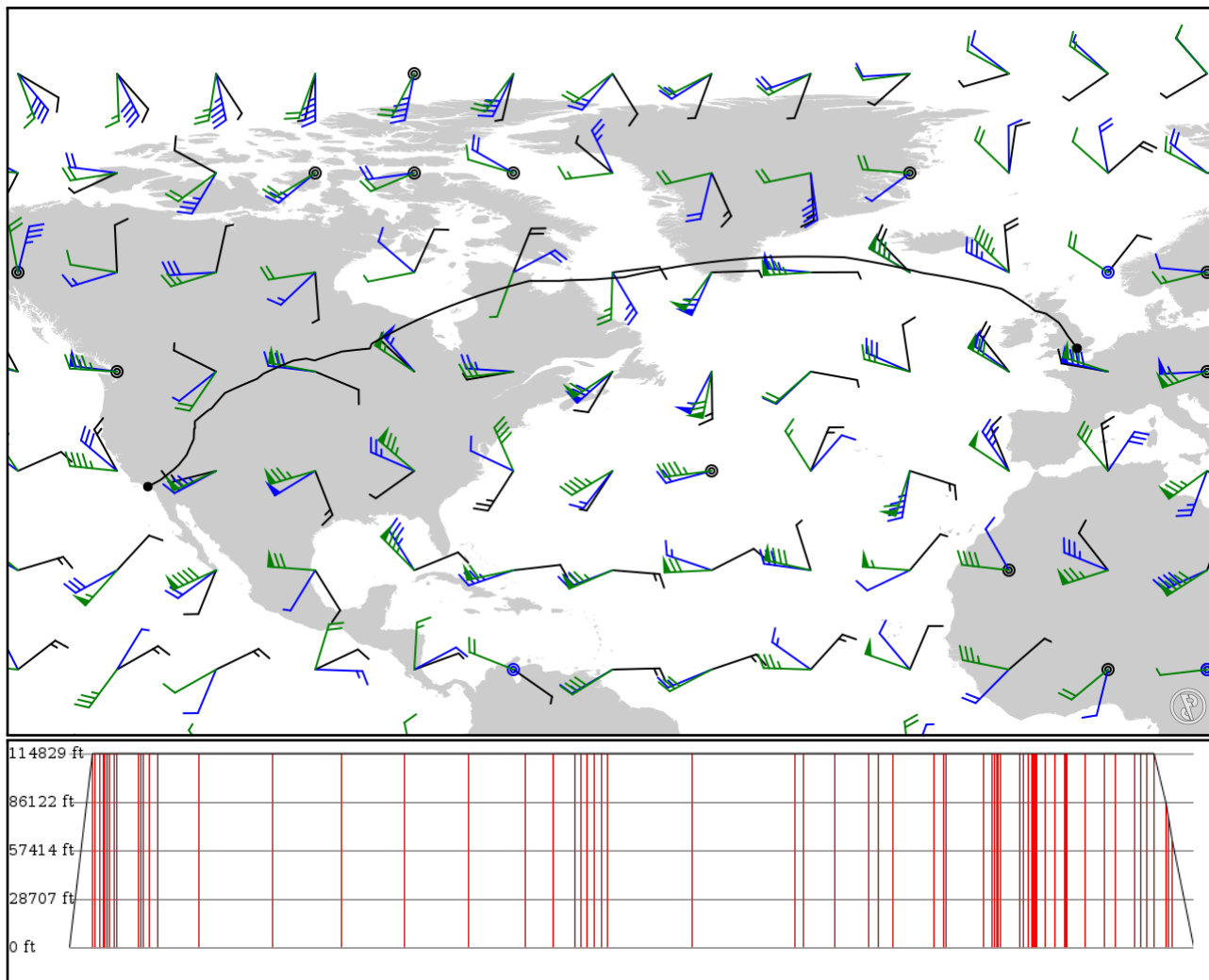
KLAX

Los Angeles Intl

2024/06/06 0846Z

EGLL TNT **UM868** TIPIL **N57** POL **UN601** ABEVI **UN590** GOW **L602** BRUCE **Y958** TOBMO BALIX **B 63/30 A** PIDSO
N842A RODBO 6000N06600W 6000N06700W 6000N06800W 6000N06900W TUNNI **SCAJ** MANUP YPL **RR11** RL YRL **V181**
YWG **V304** YBR **J549** ISN **V465** EXADE **T331** BIL **V465** DNW **V330** JAC **V465** MLD **V257** NUBGE PATIO **Q842** BLIPP
Q70 LAS **J100** DAG **V394** BASAL KLAX

4925.60 nm / 9122.21 km



Notes

Using NAT tracks from 23/8/2023

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 |
|---------------|--------|------------|-----------|--------------|-----------------|
| EGLL | - | 51.47120 | 0 ft | - | London Heathrow |
| APT | - | -0.46088 | 0 m | | |
| TNT | - | 53.05400 | 35,000 ft | 104 | TRENT |
| VOR | - | -1.66997 | 10,668 m | | |
| TIPIL | UM868 | 53.16670 | 35,000 ft | 7 | - |
| FIX | AWY-HI | -1.73972 | 10,668 m | | |
| DENBY | N57 | 53.52030 | 35,000 ft | 22 | - |
| FIX | AWY-LO | -1.96111 | 10,668 m | | |
| POL | N57 | 53.74380 | 35,000 ft | 14 | POLE HILL |
| VOR | AWY-LO | -2.10333 | 10,668 m | | |
| NELSA | UN601 | 53.86330 | 35,000 ft | 7 | - |
| FIX | AWY-HI | -2.18472 | 10,668 m | | |
| RIBEL | UN601 | 54.01610 | 35,000 ft | 9 | - |
| FIX | AWY-HI | -2.28972 | 10,668 m | | |
| ERGAB | UN601 | 54.15610 | 35,000 ft | 9 | - |
| FIX | AWY-HI | -2.38667 | 10,668 m | | |
| SHAPP | UN601 | 54.50000 | 35,000 ft | 22 | - |
| FIX | AWY-HI | -2.62722 | 10,668 m | | |
| ABEVI | UN601 | 54.70750 | 35,000 ft | 13 | - |
| FIX | AWY-HI | -2.77472 | 10,668 m | | |
| GOW | UN590 | 55.87050 | 35,000 ft | 90 | GLASGOW |
| VOR | AWY-HI | -4.44572 | 10,668 m | | |
| CLYDE | L602 | 55.96330 | 35,000 ft | 12 | - |
| FIX | AWY-HI | -4.79222 | 10,668 m | | |
| FYNER | L602 | 56.04890 | 35,000 ft | 12 | - |
| FIX | AWY-HI | -5.11528 | 10,668 m | | |
| BRUCE | L602 | 56.23640 | 35,000 ft | 26 | - |
| FIX | AWY-HI | -5.84111 | 10,668 m | | |
| TOBMO | Y958 | 56.76060 | 35,000 ft | 37 | - |
| FIX | AWY-HI | -6.46972 | 10,668 m | | |
| BALIX | - | 59.00000 | 35,000 ft | 175 | - |
| FIX | - | -10.00000 | 10,668 m | | |
| 61/20 | B | 61.00000 | 35,000 ft | 323 | - |
| LATLON | NAT | -20.00000 | 10,668 m | | |
| 63/30 | B | 63.00000 | 35,000 ft | 306 | - |
| LATLON | NAT | -30.00000 | 10,668 m | | |
| 63/40 | A | 63.00000 | 35,000 ft | 272 | - |
| LATLON | NAT | -40.00000 | 10,668 m | | |
| 62/50 | A | 62.00000 | 35,000 ft | 283 | - |
| LATLON | NAT | -50.00000 | 10,668 m | | |
| PIDSO | A | 60.46670 | 35,000 ft | 248 | - |
| FIX | NAT | -58.00000 | 10,668 m | | |
| MUSLO | N842A | 60.16670 | 35,000 ft | 120 | - |
| FIX | AWY-HI | -62.00000 | 10,668 m | | |
| RODBO | N842A | 60.08330 | 35,000 ft | 94 | - |
| FIX | AWY-HI | -65.16670 | 10,668 m | | |
| 6000N06600W | - | 60.00000 | 35,000 ft | 25 | - |
| LATLON | - | -66.00000 | 10,668 m | | |
| 6000N06700W | - | 60.00000 | 35,000 ft | 30 | - |
| LATLON | - | -67.00000 | 10,668 m | | |
| 6000N06800W | - | 60.00000 | 35,000 ft | 30 | - |
| LATLON | - | -68.00000 | 10,668 m | | |
| 6000N06900W | - | 60.00000 | 35,000 ft | 30 | - |

| Ident Type LATLON | Via | Lat Lon | Alt | Dist (nm) | Name |
|-------------------------|--------|------------|-----------|--------------|-------------|
| TUNNI | - | -69.00000 | 10,668 m | | |
| FIX | - | -70.00000 | 10,668 m | 30 | - |
| KEMSA | SCAJ | 56.83750 | 35,000 ft | 366 | - |
| FIX | AWY-HI | -80.00000 | 10,668 m | | |
| MANUP | SCAJ | 52.04440 | 35,000 ft | 451 | - |
| FIX | AWY-HI | -90.00000 | 10,668 m | | |
| YPL | - | 51.44190 | 35,000 ft | 37 | PICKLE LAKE |
| NDB | - | -90.22230 | 10,668 m | | |
| RL | RR11 | 51.06100 | 35,000 ft | 135 | RED LAKE |
| NDB | AWY-LO | -93.78490 | 10,668 m | | |
| YRL | - | 51.07160 | 35,000 ft | 1 | RED LAKE |
| VOR | - | -93.76200 | 10,668 m | | |
| YWG | V181 | 49.92780 | 35,000 ft | 149 | WINNIPEG |
| VOR | AWY-LO | -97.23920 | 10,668 m | | |
| UDE | V304 | 50.16640 | 35,000 ft | 43 | DELTA |
| NDB | AWY-LO | -98.30720 | 10,668 m | | |
| YBR | V304 | 49.90990 | 35,000 ft | 65 | BRANDON |
| VOR | AWY-LO | -99.94570 | 10,668 m | | |
| ISN | J549 | 48.25340 | 35,000 ft | 179 | WILLISTON |
| VOR | AWY-HI | -103.75100 | 10,668 m | | |
| LAMBE | V465 | 47.76140 | 35,000 ft | 38 | - |
| FIX | AWY-LO | -104.35000 | 10,668 m | | |
| EXADE | V465 | 47.59910 | 35,000 ft | 12 | - |
| FIX | AWY-LO | -104.54500 | 10,668 m | | |
| TRUED | T331 | 46.14090 | 35,000 ft | 163 | - |
| FIX | AWY-LO | -107.91000 | 10,668 m | | |
| BIL | T331 | 45.80860 | 35,000 ft | 35 | BILLINGS |
| VOR | AWY-LO | -108.62500 | 10,668 m | | |
| LAREI | V465 | 45.59690 | 35,000 ft | 14 | - |
| FIX | AWY-LO | -108.81400 | 10,668 m | | |
| CUKUV | V465 | 45.48610 | 35,000 ft | 7 | - |
| FIX | AWY-LO | -108.91300 | 10,668 m | | |
| HAKDI | V465 | 45.43350 | 35,000 ft | 3 | - |
| FIX | AWY-LO | -108.96000 | 10,668 m | | |
| REDLO | V465 | 45.24340 | 35,000 ft | 13 | - |
| FIX | AWY-LO | -109.12700 | 10,668 m | | |
| TOCUD | V465 | 44.06470 | 35,000 ft | 82 | - |
| FIX | AWY-LO | -110.13800 | 10,668 m | | |
| DNW | V465 | 43.82830 | 35,000 ft | 16 | DUNOIR |
| VOR | AWY-LO | -110.33500 | 10,668 m | | |
| JAC | V330 | 43.62100 | 35,000 ft | 21 | JACKSON |
| VOR | AWY-LO | -110.73200 | 10,668 m | | |
| ECUNA | V465 | 43.42330 | 35,000 ft | 15 | - |
| FIX | AWY-LO | -110.97800 | 10,668 m | | |
| ELKHO | V465 | 43.38620 | 35,000 ft | 2 | - |
| FIX | AWY-LO | -111.02400 | 10,668 m | | |
| CILEG | V465 | 43.27650 | 35,000 ft | 8 | - |
| FIX | AWY-LO | -111.15900 | 10,668 m | | |
| GIGSE | V465 | 43.22660 | 35,000 ft | 4 | - |
| FIX | AWY-LO | -111.22000 | 10,668 m | | |
| OLNUE | V465 | 43.13200 | 35,000 ft | 7 | - |
| FIX | AWY-LO | -111.33600 | 10,668 m | | |
| LUNDI | V465 | 42.69110 | 35,000 ft | 35 | - |
| FIX | AWY-LO | -111.86900 | 10,668 m | | |
| MLD | V465 | 42.19990 | 35,000 ft | 39 | MALAD CITY |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|------------------|
| VOR | AWY-LO | -112.45100 | 10,668 m | | |
| KREBS | V257 | 41.48880 | 35,000 ft | 42 | - |
| FIX | AWY-LO | -112.43500 | 10,668 m | | |
| NUBGE | V257 | 41.33300 | 35,000 ft | 9 | - |
| FIX | AWY-LO | -112.43100 | 10,668 m | | |
| PATIO | - | 41.26670 | 35,000 ft | 6 | - |
| FIX | - | -112.53300 | 10,668 m | | |
| PICHO | Q842 | 39.96670 | 35,000 ft | 78 | - |
| FIX | AWY-HI | -112.58300 | 10,668 m | | |
| TABLL | Q842 | 38.66560 | 35,000 ft | 82 | - |
| FIX | AWY-HI | -113.17600 | 10,668 m | | |
| WINEN | Q842 | 37.93330 | 35,000 ft | 46 | - |
| FIX | AWY-HI | -113.50000 | 10,668 m | | |
| BLIPP | Q842 | 36.71150 | 35,000 ft | 86 | - |
| FIX | AWY-HI | -114.47400 | 10,668 m | | |
| IFEYE | Q70 | 36.41560 | 35,000 ft | 23 | - |
| FIX | AWY-HI | -114.79700 | 10,668 m | | |
| LAS | Q70 | 36.07970 | 35,000 ft | 26 | LAS VEGAS |
| VOR | AWY-HI | -115.16000 | 10,668 m | | |
| CLARR | J100 | 35.67570 | 35,000 ft | 35 | - |
| FIX | AWY-HI | -115.68000 | 10,668 m | | |
| MISEN | J100 | 35.10230 | 26,000 ft | 49 | - |
| FIX | AWY-HI | -116.40400 | 7,925 m | | |
| DAG | J100 | 34.96250 | 23,400 ft | 11 | DAGGETT |
| VOR | AWY-HI | -116.57800 | 7,132 m | | |
| BASAL | V394 | 34.75780 | 19,400 ft | 18 | - |
| FIX | AWY-LO | -116.86200 | 5,913 m | | |
| KLAX | - | 33.94310 | 0 ft | 90 | Los Angeles Intl |
| APT | - | -118.40900 | 0 m | | |

EGLL

Region: UNITED KINGDOM
Timezone: EUROPE/LONDON
Runways: 2

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.388 E

METAR

EGLL 060820Z AUTO 26009KT 230V300 9999 NCD 15/07 Q1017 NOSIG

TAF

TAF EGLL 060452Z 0606/0712 27009KT 9999 SCT040 PROB30 TEMPO 0606/0615 7000 SHRA

Frequencies

| | |
|---|---|
| REC - 128.07 MHz - HEATHROW INFORMATION | REC - 121.92 MHz - HEATHROW INFORMATION |
| CLD - 121.97 MHz - HEATHROW DELIVERY | GND - 121.70 MHz - HEATHROW GROUND |
| GND - 121.85 MHz - HEATHROW GROUND | GND - 121.90 MHz - HEATHROW GROUND |
| TWR - 118.50 MHz - HEATHROW TOWER | TWR - 118.70 MHz - HEATHROW TOWER |
| TWR - 124.47 MHz - HEATHROW TOWER | APP - 119.72 MHz - HEATHROW DIRECTOR |
| APP - 120.40 MHz - HEATHROW DIRECTOR | APP - 134.97 MHz - HEATHROW DIRECTOR |
| APP - 125.62 MHz - HEATHROW RADAR | APP - 127.52 MHz - HEATHROW RADAR |
| DEP - 120.52 MHz - HEATHROW DEPARTURE | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 09L | 164 ft | 12,770 ft | 89.66 | ASPHALT | 1,007 ft | 0 ft |
| | 50 m | 3,892 m | 89.27 | | 307 m | 0 m |
| 27R | 164 ft | 12,770 ft | 269.70 | ASPHALT | 0 ft | 177 ft |
| | 50 m | 3,892 m | 269.32 | | 0 m | 54 m |
| 09R | 164 ft | 11,975 ft | 89.68 | ASPHALT | 1,004 ft | 0 ft |
| | 50 m | 3,650 m | 89.29 | | 306 m | 0 m |
| 27L | 164 ft | 11,975 ft | 269.72 | ASPHALT | 0 ft | 95 ft |
| | 50 m | 3,650 m | 269.33 | | 0 m | 29 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 09L | DME | IAA | 110.30 MHz | 18 nm | - | - | 89 ft |
| | | | | 33 km | - | | 89 m |
| 09R | DME | IBB | 109.50 MHz | 18 nm | - | - | 84 ft |
| | | | | 33 km | - | | 84 m |
| 27L | DME | ILL | 109.50 MHz | 18 nm | - | - | 84 ft |
| | | | | 33 km | - | | 84 m |
| 27R | DME | IRR | 110.30 MHz | 18 nm | - | - | 89 ft |
| | | | | 33 km | - | | 89 m |
| 09L | LOC-ILS | IAA | 110.30 MHz | 18 nm | 89.68 | - | 83 ft |
| | | | | 33 km | 89.29 | | 83 m |
| 09R | LOC-ILS | IBB | 109.50 MHz | 18 nm | 89.70 | - | 83 ft |
| | | | | 33 km | 89.31 | | 83 m |
| 27L | LOC-ILS | ILL | 109.50 MHz | 18 nm | 269.70 | - | 83 ft |
| | | | | 33 km | 269.31 | | 83 m |
| 27R | LOC-ILS | IRR | 110.30 MHz | 18 nm | 269.68 | - | 83 ft |
| | | | | 33 km | 269.29 | | 83 m |
| 09L | GS | IAA | 110.30 MHz | 10 nm | 89.68 | 3.00 | 83 ft |
| | | | | 19 km | 89.29 | | 83 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 09R | GS | IBB | 109.50 MHz | 10 nm | 89.70 | 3.00 | 83 ft |
| | | | | 19 km | 89.31 | | 83 m |
| 27L | GS | ILL | 109.50 MHz | 10 nm | 269.70 | 3.00 | 83 ft |
| | | | | 19 km | 269.31 | | 83 m |
| 27R | GS | IRR | 110.30 MHz | 10 nm | 269.68 | 3.00 | 83 ft |
| | | | | 19 km | 269.29 | | 83 m |

KLAX

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 4

Elevation: 125 ft / 38 m
Location: 33.943100 -118.409000
Magnetic Var: 11.435 E

METAR

KLAX 060753Z 26005KT 7SM FEW003 OVC007 17/15 A2989 RMK A02 SLP118 T01670150 402110167

TAF

KLAX 060548Z 0606/0712 VRB03KT P6SM OVC006 FM061100 VRB03KT 3SM HZ OVC005 FM061600 26005KT 4SM HZ OVC007 FM061900

Frequencies

| | |
|---------------------------------------|---------------------------------------|
| COM - 122.95 MHz - UNICOM | GND - 121.65 MHz - LOS ANGELES GROUND |
| GND - 121.75 MHz - LOS ANGELES GROUND | GND - 121.40 MHz - LOS ANGELES GROUND |
| TWR - 119.80 MHz - LOS ANGELES TOWER | TWR - 120.95 MHz - LOS ANGELES TOWER |
| TWR - 133.90 MHz - LOS ANGELES TOWER | REC - 133.80 MHz - D-ATIS |
| REC - 135.65 MHz - D-ATIS | APP - 124.90 MHz - SOCAL APPROACH |
| APP - 124.30 MHz - SOCAL APPROACH | APP - 124.50 MHz - SOCAL APPROACH |
| APP - 128.50 MHz - SOCAL APPROACH | DEP - 125.20 MHz - SOCAL DEPARTURE |
| DEP - 124.30 MHz - SOCAL DEPARTURE | CLD - 120.35 MHz - CLEARANCE DELIVERY |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 07R | 200 ft | 11,106 ft | 82.96 | CONCRETE | 0 ft | 381 ft |
| | 61 m | 3,385 m | 71.52 | | 0 m | 116 m |
| 25L | 200 ft | 11,106 ft | 262.98 | CONCRETE | 0 ft | 381 ft |
| | 61 m | 3,385 m | 251.54 | | 0 m | 116 m |
| 07L | 151 ft | 12,935 ft | 82.95 | CONCRETE | 846 ft | 374 ft |
| | 46 m | 3,943 m | 71.52 | | 258 m | 114 m |
| 25R | 151 ft | 12,935 ft | 262.98 | CONCRETE | 968 ft | 197 ft |
| | 46 m | 3,943 m | 251.54 | | 295 m | 60 m |
| 06R | 151 ft | 10,896 ft | 82.95 | CONCRETE | 551 ft | 384 ft |
| | 46 m | 3,321 m | 71.51 | | 168 m | 117 m |
| 24L | 151 ft | 10,896 ft | 262.97 | CONCRETE | 814 ft | 384 ft |
| | 46 m | 3,321 m | 251.53 | | 248 m | 117 m |
| 06L | 151 ft | 8,936 ft | 82.95 | CONCRETE | 0 ft | 0 ft |
| | 46 m | 2,724 m | 71.51 | | 0 m | 0 m |
| 24R | 151 ft | 8,936 ft | 262.96 | CONCRETE | 0 ft | 285 ft |
| | 46 m | 2,724 m | 251.53 | | 0 m | 87 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 06L | DME | IUWU | 108.50 MHz | 18 nm | - | - | 120 ft |
| | | | | 33 km | - | | 120 m |
| 06R | DME | IGPE | 111.70 MHz | 18 nm | - | - | 120 ft |
| | | | | 33 km | - | | 120 m |
| 07L | DME | IIAS | 111.10 MHz | 18 nm | - | - | 103 ft |
| | | | | 33 km | - | | 103 m |
| 07R | DME | IMKZ | 109.90 MHz | 18 nm | - | - | 103 ft |
| | | | | 33 km | - | | 103 m |
| 24L | DME | IHQB | 111.70 MHz | 18 nm | - | - | 133 ft |
| | | | | 33 km | - | | 133 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|----------------|-------------------------|-------|-----------------|
| 24R | DME | IOSS | 108.50 MHz | 18 nm 33 km | - - | - | 133 ft 133 m |
| 25L | DME | ILAX | 109.90 MHz | 18 nm 33 km | - - | - | 126 ft 126 m |
| 25R | DME | ICFN | 111.10 MHz | 18 nm 33 km | - - | - | 126 ft 126 m |
| 06L | LOC-ILS | IUWU | 108.50 MHz | 18 nm 33 km | 82.97 71.54 | - | 125 ft 125 m |
| 06R | LOC-ILS | IGPE | 111.70 MHz | 18 nm 33 km | 82.97 71.54 | - | 125 ft 125 m |
| 07L | LOC-ILS | IIAS | 111.10 MHz | 18 nm 33 km | 82.98 71.55 | - | 125 ft 125 m |
| 07R | LOC-ILS | IMKZ | 109.90 MHz | 18 nm 33 km | 82.97 71.54 | - | 125 ft 125 m |
| 24L | LOC-ILS | IHQB | 111.70 MHz | 18 nm 33 km | 262.97 251.54 | - | 125 ft 125 m |
| 24R | LOC-ILS | IOSS | 108.50 MHz | 18 nm 33 km | 262.97 251.54 | - | 125 ft 125 m |
| 25L | LOC-ILS | ILAX | 109.90 MHz | 18 nm 33 km | 262.97 251.54 | - | 125 ft 125 m |
| 25R | LOC-ILS | ICFN | 111.10 MHz | 18 nm 33 km | 262.98 251.55 | - | 125 ft 125 m |
| 06L | GS | IUWU | 108.50 MHz | 10 nm 19 km | 82.97 71.54 | 3.00 | 125 ft 125 m |
| 06R | GS | IGPE | 111.70 MHz | 10 nm 19 km | 82.97 71.54 | 3.00 | 125 ft 125 m |
| 07L | GS | IIAS | 111.10 MHz | 10 nm 19 km | 82.98 71.55 | 3.00 | 125 ft 125 m |
| 07R | GS | IMKZ | 109.90 MHz | 10 nm 19 km | 82.97 71.54 | 3.00 | 125 ft 125 m |
| 24L | GS | IHQB | 111.70 MHz | 10 nm 19 km | 262.97 251.54 | 3.00 | 125 ft 125 m |
| 24R | GS | IOSS | 108.50 MHz | 10 nm 19 km | 262.97 251.54 | 3.00 | 125 ft 125 m |
| 25L | GS | ILAX | 109.90 MHz | 10 nm 19 km | 262.97 251.54 | 3.00 | 125 ft 125 m |
| 25R | GS | ICFN | 111.10 MHz | 10 nm 19 km | 262.98 251.55 | 3.00 | 125 ft 125 m |