

# KJFK

John F Kennedy Intl

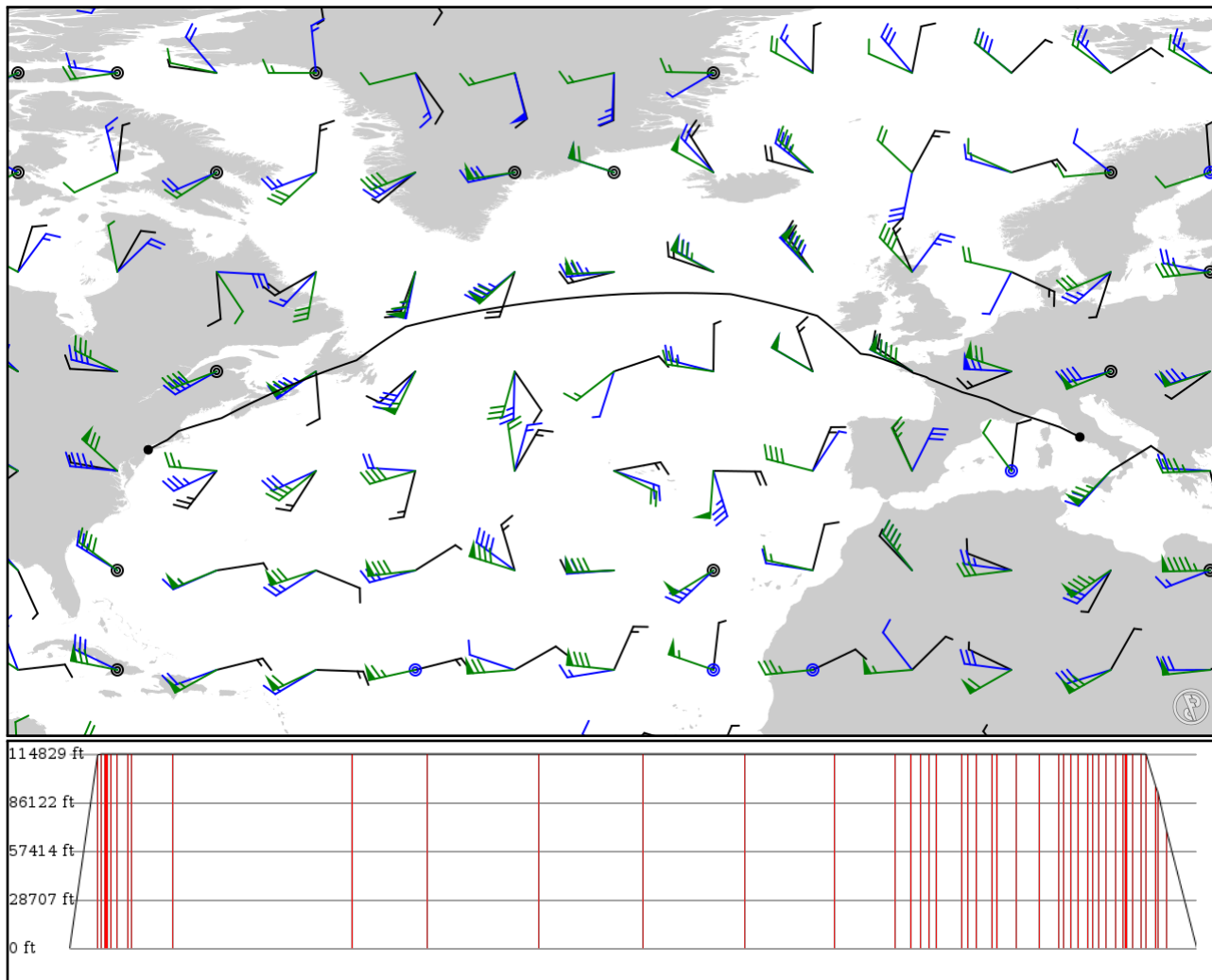
# LIRF

Roma Fiumicino Leonardo Da Vinci

2024/05/10 0743Z

KJFK ORW **V16** BOS **J575** TUSKY **N124B** YQX **5E52** 5250N +52.000\_--50.000 Y +55.000\_--20.000 BURAK **UN531**  
RATKA **UN512** BERAD **UN490** TERPO **UM616** NTS **UP860** BEBIX **UM616** LERGA **T48** LATAM **UM728** RETNO **A3** PERUS  
**R16** AKUTI **UM616** GIRAG **R16** ELB LIRF

3829.09 nm / 7091.48 km



## Notes

Using NAT tracks from 8/11/2017

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<br>Type              | Via             | Lat<br>Lon            | Alt                   | Dist<br>(nm) | Name                |
|----------------------------|-----------------|-----------------------|-----------------------|--------------|---------------------|
| KJFK<br>APT                | -               | 40.63990<br>-73.77666 | 0 ft<br>0 m           | -            | John F Kennedy Intl |
| ORW<br>VOR                 | -               | 41.55642<br>-71.99936 | 34,800 ft<br>10,607 m | 97           | NORWICH VOR-DME     |
| JEWIT<br>FIX               | V16<br>AWY-LO   | 41.69609<br>-71.82588 | 35,000 ft<br>10,668 m | 11           | -                   |
| FOSTY<br>FIX               | V16<br>AWY-LO   | 41.84318<br>-71.64204 | 35,000 ft<br>10,668 m | 12           | -                   |
| HEFTY<br>FIX               | V16<br>AWY-LO   | 41.90533<br>-71.56400 | 35,000 ft<br>10,668 m | 5            | -                   |
| WOONS<br>FIX               | V16<br>AWY-LO   | 41.95058<br>-71.50704 | 35,000 ft<br>10,668 m | 3            | -                   |
| MILIS<br>FIX               | V16<br>AWY-LO   | 42.10516<br>-71.31156 | 35,000 ft<br>10,668 m | 12           | -                   |
| BOS<br>VOR                 | V16<br>AWY-LO   | 42.35744<br>-70.98956 | 35,000 ft<br>10,668 m | 20           | BOSTON VOR-DME      |
| SCUPP<br>FIX               | J575<br>AWY-HI  | 42.60306<br>-70.23037 | 35,000 ft<br>10,668 m | 36           | -                   |
| CANAL<br>FIX               | J575<br>AWY-HI  | 42.66903<br>-70.02271 | 35,000 ft<br>10,668 m | 9            | -                   |
| TUSKY<br>FIX               | J575<br>AWY-HI  | 43.56500<br>-67.00000 | 35,000 ft<br>10,668 m | 143          | -                   |
| YQX<br>VOR                 | N124B<br>AWY-HI | 48.89958<br>-54.53500 | 35,000 ft<br>10,668 m | 607          | GANDER VOR-DME      |
| 5250N<br>FIX               | 5E52<br>AWY-LO  | 52.00000<br>-50.00000 | 35,000 ft<br>10,668 m | 254          | -                   |
| +52.000_--50.000<br>LATLON | -               | 52.00000<br>-50.00000 | 35,000 ft<br>10,668 m | 0            | -                   |
| +54.000_--40.000<br>LATLON | Y<br>NAT        | 54.00000<br>-40.00000 | 35,000 ft<br>10,668 m | 380          | -                   |
| +55.000_--30.000<br>LATLON | Y<br>NAT        | 55.00000<br>-30.00000 | 35,000 ft<br>10,668 m | 353          | -                   |
| +55.000_--20.000<br>LATLON | Y<br>NAT        | 55.00000<br>-20.00000 | 35,000 ft<br>10,668 m | 344          | -                   |
| BURAK<br>FIX               | -               | 53.00000<br>-12.00000 | 35,000 ft<br>10,668 m | 306          | -                   |
| GARTI<br>FIX               | UN531<br>AWY-HI | 50.21453<br>-8.75655  | 35,000 ft<br>10,668 m | 206          | -                   |
| RATKA<br>FIX               | UN531<br>AWY-HI | 49.50000<br>-8.00000  | 35,000 ft<br>10,668 m | 51           | -                   |
| LARLA<br>FIX               | UN512<br>AWY-HI | 49.37806<br>-7.12083  | 35,000 ft<br>10,668 m | 35           | -                   |
| LND66<br>FIX               | UN512<br>AWY-HI | 49.17056<br>-6.44833  | 35,000 ft<br>10,668 m | 29           | -                   |
| DEKOR<br>FIX               | UN512<br>AWY-HI | 49.00722<br>-5.93306  | 35,000 ft<br>10,668 m | 22           | -                   |
| BERAD<br>FIX               | UN512<br>AWY-HI | 48.30194<br>-4.06167  | 35,000 ft<br>10,668 m | 85           | -                   |
| TERKU<br>FIX               | UN490<br>AWY-HI | 48.03000<br>-3.61667  | 35,000 ft<br>10,668 m | 24           | -                   |
| DEGEX<br>FIX               | UN490<br>AWY-HI | 47.74389<br>-3.15667  | 35,000 ft<br>10,668 m | 25           | -                   |
| TERPO                      | UN490           | 47.34889              | 35,000 ft             | 55           | -                   |

| Ident<br>Type | Via    | Lat<br>Lon | Alt       | Dist<br>(nm) | Name                             |
|---------------|--------|------------|-----------|--------------|----------------------------------|
| FIX           | AWY-HI | -1.92889   | 10,668 m  |              |                                  |
| NTS           | UM616  | 47.16086   | 35,000 ft | 17           | NANTES ATLANTIQUE VOR-DME        |
| VOR           | AWY-HI | -1.61296   | 10,668 m  |              |                                  |
| LEMKA         | UP860  | 46.62889   | 35,000 ft | 64           | -                                |
| FIX           | AWY-HI | -0.25000   | 10,668 m  |              |                                  |
| BEBIX         | UP860  | 45.94917   | 35,000 ft | 79           | -                                |
| FIX           | AWY-HI | 1.39972    | 10,668 m  |              |                                  |
| ADATU         | UM616  | 45.53722   | 35,000 ft | 64           | -                                |
| FIX           | AWY-HI | 2.82556    | 10,668 m  |              |                                  |
| MALEB         | UM616  | 45.43083   | 35,000 ft | 16           | -                                |
| FIX           | AWY-HI | 3.18139    | 10,668 m  |              |                                  |
| LERGA         | UM616  | 45.25722   | 35,000 ft | 26           | -                                |
| FIX           | AWY-HI | 3.75028    | 10,668 m  |              |                                  |
| LATAM         | T48    | 45.03389   | 35,000 ft | 24           | -                                |
| FIX           | AWY-LO | 4.23917    | 10,668 m  |              |                                  |
| KURIR         | UM728  | 44.72556   | 35,000 ft | 33           | -                                |
| FIX           | AWY-HI | 4.90028    | 10,668 m  |              |                                  |
| OGALO         | UM728  | 44.57278   | 35,000 ft | 16           | -                                |
| FIX           | AWY-HI | 5.22222    | 10,668 m  |              |                                  |
| RETNO         | UM728  | 44.38000   | 35,000 ft | 20           | -                                |
| FIX           | AWY-HI | 5.62361    | 10,668 m  |              |                                  |
| PERUS         | A3     | 44.15333   | 35,000 ft | 24           | -                                |
| FIX           | AWY-LO | 6.10333    | 10,668 m  |              |                                  |
| AMIRO         | R16    | 43.94111   | 35,000 ft | 30           | -                                |
| FIX           | AWY-LO | 6.74806    | 10,668 m  |              |                                  |
| NIZ           | R16    | 43.77064   | 35,000 ft | 24           | NICE COTE D AZUR VOR-DME         |
| VOR           | AWY-LO | 7.25439    | 10,668 m  |              |                                  |
| PETUR         | R16    | 43.70861   | 35,000 ft | 9            | -                                |
| FIX           | AWY-LO | 7.45250    | 10,668 m  |              |                                  |
| MIKRU         | R16    | 43.67944   | 35,000 ft | 4            | -                                |
| FIX           | AWY-LO | 7.54528    | 10,668 m  |              |                                  |
| PIRAM         | R16    | 43.53778   | 35,000 ft | 21           | -                                |
| FIX           | AWY-LO | 7.99111    | 10,668 m  |              |                                  |
| KERIT         | R16    | 43.34222   | 35,000 ft | 28           | -                                |
| FIX           | AWY-LO | 8.59278    | 10,668 m  |              |                                  |
| AKUTI         | R16    | 43.22722   | 35,000 ft | 16           | -                                |
| FIX           | AWY-LO | 8.94028    | 10,668 m  |              |                                  |
| GIRAG         | UM616  | 42.99500   | 29,200 ft | 33           | -                                |
| FIX           | AWY-HI | 9.63000    | 8,900 m   |              |                                  |
| DOBIM         | R16    | 42.95389   | 28,000 ft | 5            | -                                |
| FIX           | AWY-LO | 9.75000    | 8,534 m   |              |                                  |
| ELB           | R16    | 42.73069   | 21,200 ft | 31           | ELBA VORTAC                      |
| VOR           | AWY-LO | 10.39572   | 6,462 m   |              |                                  |
| LIRF          | -      | 41.81081   | 0 ft      | 99           | Roma Fiumicino Leonardo Da Vinci |
| APT           | -      | 12.25090   | 0 m       |              |                                  |

## KJFK

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 4

Elevation: 12 ft / 4 m  
Location: 40.640100 -73.776500  
Magnetic Var: 12.819 W

## METAR

KJFK 100651Z 09012G18KT 10SM -RA FEW017 OVC080 11/09 A2975 RMK AO2 RAB0556 SLP075 P0002 T01110089 \$

## TAF

TAF KJFK 100522Z 1006/1112 11014G20KT 6SM -SHRA OVC020 FM100800 08015G22KT 5SM -RA OVC015 FM101100 07017G24KT 4SM

## Frequencies

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| REC - 115.40 MHz - D-ATIS             | REC - 117.70 MHz - D-ATIS             |
| REC - 128.72 MHz - D-ATIS             | COM - 122.95 MHz - UNICOM             |
| CLD - 135.05 MHz - CLEARANCE DELIVERY | GND - 121.90 MHz - KENNEDY GROUND     |
| GND - 121.65 MHz - KENNEDY GROUND     | TWR - 119.10 MHz - KENNEDY TOWER      |
| TWR - 123.90 MHz - KENNEDY TOWER      | APP - 125.70 MHz - NEW YORK APPROACH  |
| APP - 128.12 MHz - NEW YORK APPROACH  | APP - 118.40 MHz - NEW YORK APPROACH  |
| APP - 123.70 MHz - NEW YORK APPROACH  | APP - 126.80 MHz - NEW YORK APPROACH  |
| APP - 132.40 MHz - NEW YORK APPROACH  | APP - 134.35 MHz - NEW YORK APPROACH  |
| DEP - 135.90 MHz - NEW YORK DEPARTURE | DEP - 123.70 MHz - NEW YORK DEPARTURE |
| DEP - 124.75 MHz - NEW YORK DEPARTURE | DEP - 134.35 MHz - NEW YORK DEPARTURE |

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface  | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 13R   | 200 ft | 14,526 ft | 120.83                  | CONCRETE | 2,057 ft            | 390 ft            |
|       | 61 m   | 4,428 m   | 133.65                  |          | 627 m               | 119 m             |
| 31L   | 200 ft | 14,526 ft | 300.86                  | CONCRETE | 3,271 ft            | 495 ft            |
|       | 61 m   | 4,428 m   | 313.68                  |          | 997 m               | 151 m             |
| 13L   | 151 ft | 10,010 ft | 120.85                  | CONCRETE | 912 ft              | 387 ft            |
|       | 46 m   | 3,051 m   | 133.67                  |          | 278 m               | 118 m             |
| 31R   | 151 ft | 10,010 ft | 300.87                  | CONCRETE | 1,037 ft            | 177 ft            |
|       | 46 m   | 3,051 m   | 313.69                  |          | 316 m               | 54 m              |
| 04R   | 200 ft | 8,407 ft  | 30.67                   | ASPHALT  | 0 ft                | 440 ft            |
|       | 61 m   | 2,562 m   | 43.49                   |          | 0 m                 | 134 m             |
| 22L   | 200 ft | 8,407 ft  | 210.68                  | ASPHALT  | 0 ft                | 505 ft            |
|       | 61 m   | 2,562 m   | 223.50                  |          | 0 m                 | 154 m             |
| 04L   | 200 ft | 12,091 ft | 30.67                   | CONCRETE | 459 ft              | 200 ft            |
|       | 61 m   | 3,685 m   | 43.49                   |          | 140 m               | 61 m              |
| 22R   | 200 ft | 12,091 ft | 210.68                  | CONCRETE | 3,425 ft            | 407 ft            |
|       | 61 m   | 3,685 m   | 223.50                  |          | 1,044 m             | 124 m             |

## Approach Nav aids

| Runway | Type | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 04L    | DME  | IHIQ  | 110.90 MHz | 18 nm | -                       | -     | 13 ft     |
|        |      |       |            | 33 km | -                       |       | 13 m      |
| 04R    | DME  | IJFK  | 109.50 MHz | 18 nm | -                       | -     | 13 ft     |
|        |      |       |            | 33 km | -                       |       | 13 m      |
| 13L    | DME  | ITLK  | 111.50 MHz | 18 nm | -                       | -     | 13 ft     |
|        |      |       |            | 33 km | -                       |       | 13 m      |
| 22L    | DME  | IIWY  | 110.90 MHz | 18 nm | -                       | -     | 13 ft     |
|        |      |       |            | 33 km | -                       |       | 13 m      |

| Runway | Type    | Ident | Frequency  | Range          | Bearing (true)<br>(mag) | Slope | Elevation     |
|--------|---------|-------|------------|----------------|-------------------------|-------|---------------|
| 22R    | DME     | IJOC  | 109.50 MHz | 18 nm<br>33 km | -<br>-                  | -     | 13 ft<br>13 m |
| 31R    | DME     | IRTH  | 111.50 MHz | 18 nm<br>33 km | -<br>-                  | -     | 13 ft<br>13 m |
| 04L    | LOC-ILS | IHIQ  | 110.90 MHz | 18 nm<br>33 km | 30.68<br>43.50          | -     | 12 ft<br>12 m |
| 04R    | LOC-ILS | IJFK  | 109.50 MHz | 18 nm<br>33 km | 30.67<br>43.49          | -     | 12 ft<br>12 m |
| 13L    | LOC-ILS | ITLK  | 111.50 MHz | 18 nm<br>33 km | 120.87<br>133.69        | -     | 12 ft<br>12 m |
| 22L    | LOC-ILS | IIWY  | 110.90 MHz | 18 nm<br>33 km | 210.67<br>223.49        | -     | 12 ft<br>12 m |
| 22R    | LOC-ILS | IJOC  | 109.50 MHz | 18 nm<br>33 km | 210.68<br>223.50        | -     | 12 ft<br>12 m |
| 31L    | LOC-ILS | IMOH  | 111.35 MHz | 18 nm<br>33 km | 300.84<br>313.66        | -     | 12 ft<br>12 m |
| 31R    | LOC-ILS | IRTH  | 111.50 MHz | 18 nm<br>33 km | 300.87<br>313.69        | -     | 12 ft<br>12 m |
| 04L    | GS      | IHIQ  | 110.90 MHz | 10 nm<br>19 km | 30.68<br>43.50          | 3.00  | 12 ft<br>12 m |
| 04R    | GS      | IJFK  | 109.50 MHz | 10 nm<br>19 km | 30.67<br>43.49          | 3.00  | 12 ft<br>12 m |
| 13L    | GS      | ITLK  | 111.50 MHz | 10 nm<br>19 km | 120.87<br>133.69        | 3.00  | 12 ft<br>12 m |
| 22L    | GS      | IIWY  | 110.90 MHz | 10 nm<br>19 km | 210.67<br>223.49        | 3.00  | 12 ft<br>12 m |
| 22R    | GS      | IJOC  | 109.50 MHz | 10 nm<br>19 km | 210.68<br>223.50        | 3.00  | 12 ft<br>12 m |
| 31L    | GS      | IMOH  | 111.35 MHz | 10 nm<br>19 km | 300.84<br>313.66        | 3.00  | 12 ft<br>12 m |
| 31R    | GS      | IRTH  | 111.50 MHz | 10 nm<br>19 km | 300.87<br>313.69        | 3.00  | 12 ft<br>12 m |

## LIRF

Region: ITALY  
Timezone: EUROPE/ROME  
Runways: 3

Elevation: 13 ft / 4 m  
Location: 41.810800 12.250900  
Magnetic Var: 3.665 E

## METAR

LIRF 100720Z 04006KT CAVOK 20/12 Q1015 NOSIG

## TAF

TAF LIRF 100500Z 1006/1112 03008KT CAVOK BECMG 1009/1011 26012KT BECMG 1017/1019 03006KT BECMG 1108/1110 25010KT

## Frequencies

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| REC - 120.17 MHz - ATIS ARRIVAL   | REC - 126.12 MHz - ATIS ARRIVAL       |
| REC - 121.85 MHz - ATIS DEPARTURE | CLD - 121.80 MHz - CLEARANCE DELIVERY |
| GND - 121.72 MHz - FIUME APRON    | GND - 121.67 MHz - FIUME GROUND       |
| GND - 121.90 MHz - FIUME GROUND   | GND - 122.12 MHz - FIUME GROUND       |
| TWR - 127.62 MHz - FIUME TOWER    | TWR - 123.72 MHz - FIUME TOWER        |
| TWR - 118.70 MHz - FIUME TOWER    | DEP - 130.90 MHz - ROMA DEPARTURE     |
| DEP - 131.10 MHz - ROMA DEPARTURE | APP - 127.95 MHz - ROMA ARRIVAL       |
| APP - 125.50 MHz - ROMA ARRIVAL   | APP - 119.20 MHz - ROMA DIRECT        |
| APP - 131.25 MHz - ROMA DIRECT    |                                       |

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 07    | 148 ft | 10,859 ft | 69.68                   | ASPHALT | 1,348 ft            | 0 ft              |
|       | 45 m   | 3,310 m   | 66.02                   |         | 411 m               | 0 m               |
| 25    | 148 ft | 10,859 ft | 249.71                  | ASPHALT | 0 ft                | 0 ft              |
|       | 45 m   | 3,310 m   | 246.04                  |         | 0 m                 | 0 m               |
| 16R   | 197 ft | 12,814 ft | 162.66                  | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 3,906 m   | 159.00                  |         | 0 m                 | 0 m               |
| 34L   | 197 ft | 12,814 ft | 342.67                  | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 3,906 m   | 339.01                  |         | 0 m                 | 0 m               |
| 16L   | 197 ft | 12,814 ft | 162.68                  | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 3,906 m   | 159.01                  |         | 0 m                 | 0 m               |
| 34R   | 197 ft | 12,814 ft | 342.69                  | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 3,906 m   | 339.02                  |         | 0 m                 | 0 m               |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 25     | DME     | FEE   | 110.15 MHz | 25 nm | -                       | -     | 25 ft     |
|        |         |       |            | 46 km | -                       |       | 25 m      |
| 34L    | DME     | ISW   | 108.90 MHz | 25 nm | -                       | -     | 15 ft     |
|        |         |       |            | 46 km | -                       |       | 15 m      |
| 34R    | DME     | FSS   | 111.55 MHz | 25 nm | -                       | -     | 15 ft     |
|        |         |       |            | 46 km | -                       |       | 15 m      |
| 16L    | LOC-ILS | IFLL  | 108.10 MHz | 18 nm | 162.69                  | -     | 13 ft     |
|        |         |       |            | 33 km | 159.02                  |       | 13 m      |
| 16R    | LOC-ILS | IFRR  | 109.75 MHz | 18 nm | 162.67                  | -     | 13 ft     |
|        |         |       |            | 33 km | 159.00                  |       | 13 m      |
| 25     | LOC-ILS | FEE   | 110.15 MHz | 18 nm | 249.69                  | -     | 13 ft     |
|        |         |       |            | 33 km | 246.02                  |       | 13 m      |

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 34L    | LOC-ILS | IFSW  | 108.90 MHz | 18 nm | 342.67                  | -     | 13 ft     |
|        |         |       |            | 33 km | 339.00                  |       | 13 m      |
| 34R    | LOC-ILS | FSS   | 111.55 MHz | 18 nm | 342.69                  | -     | 13 ft     |
|        |         |       |            | 33 km | 339.02                  |       | 13 m      |
| 16L    | GS      | IFLL  | 108.10 MHz | 10 nm | 162.69                  | 3.00  | 13 ft     |
|        |         |       |            | 19 km | 159.02                  |       | 13 m      |
| 16R    | GS      | IFRR  | 109.75 MHz | 10 nm | 162.67                  | 3.00  | 13 ft     |
|        |         |       |            | 19 km | 159.00                  |       | 13 m      |
| 25     | GS      | FEE   | 110.15 MHz | 10 nm | 249.69                  | 3.00  | 13 ft     |
|        |         |       |            | 19 km | 246.02                  |       | 13 m      |
| 34L    | GS      | IFSW  | 108.90 MHz | 10 nm | 342.67                  | 3.00  | 13 ft     |
|        |         |       |            | 19 km | 339.00                  |       | 13 m      |
| 34R    | GS      | FSS   | 111.55 MHz | 10 nm | 342.69                  | 3.00  | 13 ft     |
|        |         |       |            | 19 km | 339.02                  |       | 13 m      |