

KEWR

Newark Liberty International

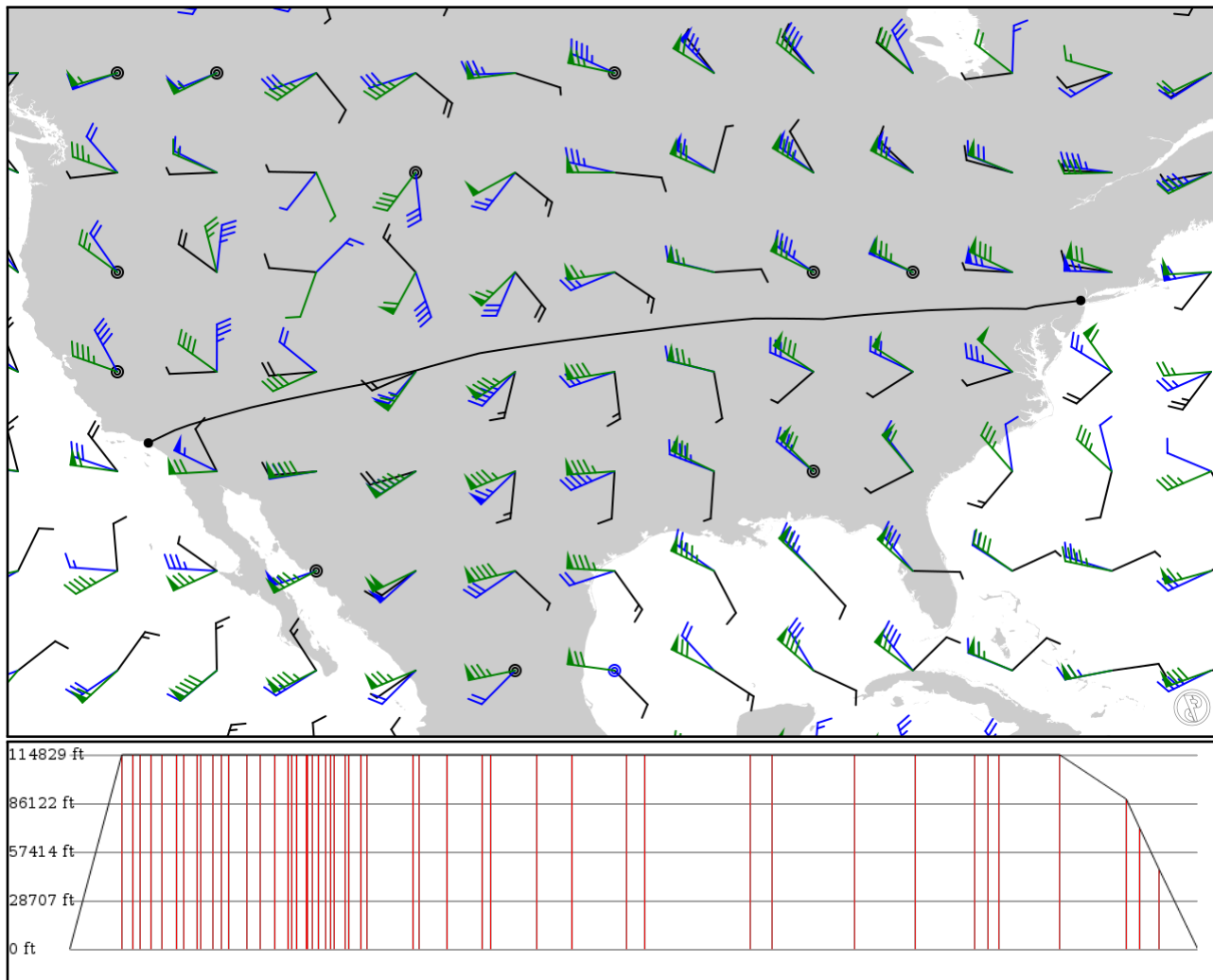
KLAX

Los Angeles Intl

2024/05/17 0043Z

KEWR HWANG V162 HAR J152 COFAX V12 DQN V50 VHP J80 MCI J24 SLN J102 ALS J110 RSK J64 TBC J128 PGS
J64 HEC V442 APLES KLAX

2136.29 nm / 3956.40 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1400ft/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 |
|---------------|----------------|-----------------------|-----------------------|--------------|------------------------------|
| KEWR APT | - - | 40.69360 -74.16860 | 0 ft 0 m | - | Newark Liberty International |
| HWANG FIX | - - | 40.40910 -76.33030 | 35,000 ft 10,668 m | 100 - | |
| BOBSS FIX | V162 AWY-LO | 40.29490 -76.75020 | 35,000 ft 10,668 m | 20 - | |
| HAR VOR | V162 AWY-LO | 40.30220 -77.06960 | 35,000 ft 10,668 m | 14 - | HARRISBURG |
| LOMON FIX | J152 AWY-HI | 40.30810 -77.48340 | 35,000 ft 10,668 m | 18 - | |
| COFAX FIX | J152 AWY-HI | 40.31300 -77.96690 | 35,000 ft 10,668 m | 22 - | |
| ZOTBI FIX | V12 AWY-LO | 40.31630 -78.57920 | 35,000 ft 10,668 m | 28 - | |
| JST VOR | V12 AWY-LO | 40.31670 -78.83420 | 35,000 ft 10,668 m | 11 - | JOHNSTOWN |
| MILWO FIX | V12 AWY-LO | 40.30090 -79.38580 | 35,000 ft 10,668 m | 25 - | |
| FURIX FIX | V12 AWY-LO | 40.29530 -79.56130 | 35,000 ft 10,668 m | 8 - | |
| AGC VOR | V12 AWY-LO | 40.27860 -80.04090 | 35,000 ft 10,668 m | 21 - | ALLEGHENY (PITTSBURGH) |
| HEFJA FIX | V12 AWY-LO | 40.26540 -80.42190 | 35,000 ft 10,668 m | 17 - | |
| PIDYY FIX | V12 AWY-LO | 40.25800 -80.70480 | 35,000 ft 10,668 m | 12 - | |
| CTW VOR | V12 AWY-LO | 40.22920 -81.47650 | 35,000 ft 10,668 m | 35 - | NEWCOMERSTOWN |
| ROSCO FIX | V12 AWY-LO | 40.19330 -82.00650 | 35,000 ft 10,668 m | 24 - | |
| APE VOR | V12 AWY-LO | 40.15110 -82.58830 | 35,000 ft 10,668 m | 26 - | APPLETON |
| DIPNE FIX | V12 AWY-LO | 40.11330 -83.13670 | 35,000 ft 10,668 m | 25 - | |
| PIZZA FIX | V12 AWY-LO | 40.09940 -83.32860 | 35,000 ft 10,668 m | 8 - | |
| MECAN FIX | V12 AWY-LO | 40.08620 -83.50820 | 35,000 ft 10,668 m | 8 - | |
| TARRY FIX | V12 AWY-LO | 40.05440 -83.91420 | 35,000 ft 10,668 m | 18 - | |
| BONEE FIX | V12 AWY-LO | 40.05250 -83.94890 | 35,000 ft 10,668 m | 1 - | |
| TRUNC FIX | V12 AWY-LO | 40.03430 -84.17680 | 35,000 ft 10,668 m | 10 - | |
| DQN VOR | V12 AWY-LO | 40.01640 -84.39690 | 35,000 ft 10,668 m | 10 - | DAYTON |
| LEEDS FIX | V50 AWY-LO | 39.98860 -84.69070 | 35,000 ft 10,668 m | 13 - | |
| ARBAS FIX | V50 AWY-LO | 39.96830 -84.89880 | 35,000 ft 10,668 m | 9 - | |
| MOTTS FIX | V50 AWY-LO | 39.95200 -85.06430 | 35,000 ft 10,668 m | 7 - | |
| NEWTO | V50 | 39.91100 | 35,000 ft | 18 - | |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|--------------------------|
| FIX | AWY-LO | -85.46900 | 10,668 m | | |
| HOMAR | V50 | 39.89320 | 35,000 ft | 7 | - |
| FIX | AWY-LO | -85.63990 | 10,668 m | | |
| ZAVNE | V50 | 39.84230 | 35,000 ft | 22 | - |
| FIX | AWY-LO | -86.11670 | 10,668 m | | |
| VHP | V50 | 39.81470 | 35,000 ft | 11 | BRICKYARD |
| VOR | AWY-LO | -86.36750 | 10,668 m | | |
| JAAVE | J80 | 39.84050 | 35,000 ft | 87 | - |
| FIX | AWY-HI | -88.25470 | 10,668 m | | |
| GORDO | J80 | 39.84180 | 35,000 ft | 11 | - |
| FIX | AWY-HI | -88.51200 | 10,668 m | | |
| SPI | J80 | 39.83970 | 35,000 ft | 53 | SPINNER (SPRINGFIELD) |
| VOR | AWY-HI | -89.67770 | 10,668 m | | |
| BAYLI | J80 | 39.70900 | 35,000 ft | 65 | - |
| FIX | AWY-HI | -91.07960 | 10,668 m | | |
| TWAIN | J80 | 39.67240 | 35,000 ft | 16 | - |
| FIX | AWY-HI | -91.44310 | 10,668 m | | |
| SAAGS | J80 | 39.46780 | 35,000 ft | 86 | - |
| FIX | AWY-HI | -93.28640 | 10,668 m | | |
| MCI | J80 | 39.28530 | 35,000 ft | 68 | KANSAS CITY |
| VOR | AWY-HI | -94.73710 | 10,668 m | | |
| JUDGE | J24 | 39.01980 | 35,000 ft | 102 | - |
| FIX | AWY-HI | -96.91880 | 10,668 m | | |
| SLN | J24 | 38.92510 | 35,000 ft | 33 | SALINA |
| VOR | AWY-HI | -97.62130 | 10,668 m | | |
| RYLIE | J102 | 38.33730 | 35,000 ft | 200 | - |
| FIX | AWY-HI | -101.82700 | 10,668 m | | |
| LAA | J102 | 38.19710 | 35,000 ft | 41 | LAMAR |
| VOR | AWY-HI | -102.68800 | 10,668 m | | |
| ALS | J102 | 37.34920 | 35,000 ft | 156 | ALAMOSA |
| VOR | AWY-HI | -105.81600 | 10,668 m | | |
| RSK | J110 | 36.74840 | 35,000 ft | 115 | RATTLESNAKE (FARMINGTON) |
| VOR | AWY-HI | -108.09900 | 10,668 m | | |
| COCAN | J64 | 36.31250 | 35,000 ft | 111 | - |
| FIX | AWY-HI | -110.35200 | 10,668 m | | |
| RHYSS | J64 | 36.20530 | 35,000 ft | 25 | - |
| FIX | AWY-HI | -110.87100 | 10,668 m | | |
| TBC | J64 | 36.12130 | 35,000 ft | 19 | TUBA CITY |
| VOR | AWY-HI | -111.27000 | 10,668 m | | |
| PGS | J128 | 35.62470 | 35,000 ft | 114 | PEACH SPRINGS |
| VOR | AWY-HI | -113.54400 | 10,668 m | | |
| GLACO | J64 | 34.94450 | 27,000 ft | 125 | - |
| FIX | AWY-HI | -115.96800 | 8,230 m | | |
| HEC | J64 | 34.79700 | 21,800 ft | 25 | HECTOR |
| VOR | AWY-HI | -116.46300 | 6,645 m | | |
| APLES | V442 | 34.54850 | 14,400 ft | 37 | - |
| FIX | AWY-LO | -117.14900 | 4,389 m | | |
| KLAX | - | 33.94310 | 0 ft | 72 | Los Angeles Intl |
| APT | - | -118.40900 | 0 m | | |

KEWR

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 3

Elevation: 17 ft / 5 m
Location: 40.693600 -74.168600
Magnetic Var: 12.650 W

METAR

KEWR 162351Z 02013KT 9SM -DZ BKN014 OVC022 17/14 A2984 RMK A02 RAE05DZB48 SLP103 P0000 60000 T01720144 10200 20172

TAF

KEWR 162339Z 1700/1806 02014KT P6SM BKN015 FM170800 01009KT P6SM SCT025 BKN030 FM171100 02008KT P6SM BKN035 FM171

Frequencies

| | |
|--------------------------------------|---------------------------------------|
| REC - 115.70 MHz - D-ATIS | REC - 134.82 MHz - D-ATIS |
| COM - 122.95 MHz - UNICOM | CLD - 118.85 MHz - CLEARANCE DELIVERY |
| GND - 121.80 MHz - NEWARK GROUND | GND - 126.15 MHz - NEWARK GROUND |
| GND - 132.45 MHz - RAMP CONTROL | TWR - 118.30 MHz - NEWARK TOWER |
| TWR - 134.05 MHz - NEWARK TOWER | APP - 127.60 MHz - NEW YORK APPROACH |
| APP - 128.55 MHz - NEW YORK APPROACH | APP - 132.70 MHz - NEW YORK APPROACH |
| APP - 132.80 MHz - NEW YORK APPROACH | DEP - 119.20 MHz - NEW YORK DEPARTURE |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 04L | 150 ft | 11,011 ft | 25.75 | ASPHALT | 2,539 ft | 610 ft |
| | 46 m | 3,356 m | 38.40 | | 774 m | 186 m |
| 22R | 150 ft | 11,011 ft | 205.76 | ASPHALT | 1,440 ft | 0 ft |
| | 46 m | 3,356 m | 218.41 | | 439 m | 0 m |
| 04R | 150 ft | 10,009 ft | 25.74 | ASPHALT | 1,191 ft | 299 ft |
| | 46 m | 3,051 m | 38.39 | | 363 m | 91 m |
| 22L | 150 ft | 10,009 ft | 205.75 | ASPHALT | 1,791 ft | 0 ft |
| | 46 m | 3,051 m | 218.40 | | 546 m | 0 m |
| 11 | 150 ft | 6,732 ft | 95.00 | ASPHALT | 0 ft | 505 ft |
| | 46 m | 2,052 m | 107.65 | | 0 m | 154 m |
| 29 | 150 ft | 6,732 ft | 275.02 | ASPHALT | 223 ft | 0 ft |
| | 46 m | 2,052 m | 287.67 | | 68 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 04L | DME | IEWR | 110.75 MHz | 18 nm | - | - | 11 ft |
| | | | | 33 km | - | | 11 m |
| 04R | DME | IEZA | 108.70 MHz | 18 nm | - | - | 18 ft |
| | | | | 33 km | - | | 18 m |
| 22L | DME | ILSQ | 108.70 MHz | 18 nm | - | - | 18 ft |
| | | | | 33 km | - | | 18 m |
| 22R | DME | IJNN | 110.75 MHz | 18 nm | - | - | 11 ft |
| | | | | 33 km | - | | 11 m |
| 04L | LOC-ILS | IEWR | 110.75 MHz | 18 nm | 25.76 | - | 17 ft |
| | | | | 33 km | 38.41 | | 17 m |
| 04R | LOC-ILS | IEZA | 108.70 MHz | 18 nm | 25.75 | - | 17 ft |
| | | | | 33 km | 38.40 | | 17 m |
| 11 | LOC-ILS | IGPR | 109.15 MHz | 18 nm | 95.01 | - | 17 ft |
| | | | | 33 km | 107.66 | | 17 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 22L | LOC-ILS | ILSQ | 108.70 MHz | 18 nm | 205.75 | - | 17 ft |
| | | | | 33 km | 218.40 | | 17 m |
| 22R | LOC-ILS | IJNN | 110.75 MHz | 18 nm | 205.76 | - | 17 ft |
| | | | | 33 km | 218.41 | | 17 m |
| 04L | GS | IEWR | 110.75 MHz | 10 nm | 25.76 | 3.00 | 17 ft |
| | | | | 19 km | 38.41 | | 17 m |
| 04R | GS | IEZA | 108.70 MHz | 10 nm | 25.75 | 3.00 | 17 ft |
| | | | | 19 km | 38.40 | | 17 m |
| 11 | GS | IGPR | 109.15 MHz | 10 nm | 95.01 | 3.00 | 17 ft |
| | | | | 19 km | 107.66 | | 17 m |
| 22L | GS | ILSQ | 108.70 MHz | 10 nm | 205.75 | 3.00 | 17 ft |
| | | | | 19 km | 218.40 | | 17 m |
| 22R | GS | IJNN | 110.75 MHz | 10 nm | 205.76 | 3.00 | 17 ft |
| | | | | 19 km | 218.41 | | 17 m |

KLAX

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

Elevation: 125 ft / 38 m
Location: 33.943100 -118.409000
Magnetic Var: 11.440 E

METAR

KLAX 162353Z 24011KT 10SM FEW010 FEW033 SCT250 17/12 A2994 RMK A02 SLP136 T01720122 10194 20167 58011

TAF

KLAX 162342Z 1700/1806 26012KT P6SM BKN035 FM170400 26008KT P6SM OVC015 FM170800 20005KT P6SM OVC010 FM171700 250

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 | 71.51 | | 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 71.53 | - | 125 ft 125 m |
| 06R | LOC-ILS | IGPE | 111.70 MHz | 18 nm 33 km | 82.97 71.53 | - | 125 ft 125 m |
| 07L | LOC-ILS | IIAS | 111.10 MHz | 18 nm 33 km | 82.98 71.54 | - | 125 ft 125 m |
| 07R | LOC-ILS | IMKZ | 109.90 MHz | 18 nm 33 km | 82.97 71.53 | - | 125 ft 125 m |
| 24L | LOC-ILS | IHQB | 111.70 MHz | 18 nm 33 km | 262.97 251.53 | - | 125 ft 125 m |
| 24R | LOC-ILS | IOSS | 108.50 MHz | 18 nm 33 km | 262.97 251.53 | - | 125 ft 125 m |
| 25L | LOC-ILS | ILAX | 109.90 MHz | 18 nm 33 km | 262.97 251.53 | - | 125 ft 125 m |
| 25R | LOC-ILS | ICFN | 111.10 MHz | 18 nm 33 km | 262.98 251.54 | - | 125 ft 125 m |
| 06L | GS | IUWU | 108.50 MHz | 10 nm 19 km | 82.97 71.53 | 3.00 | 125 ft 125 m |
| 06R | GS | IGPE | 111.70 MHz | 10 nm 19 km | 82.97 71.53 | 3.00 | 125 ft 125 m |
| 07L | GS | IIAS | 111.10 MHz | 10 nm 19 km | 82.98 71.54 | 3.00 | 125 ft 125 m |
| 07R | GS | IMKZ | 109.90 MHz | 10 nm 19 km | 82.97 71.53 | 3.00 | 125 ft 125 m |
| 24L | GS | IHQB | 111.70 MHz | 10 nm 19 km | 262.97 251.53 | 3.00 | 125 ft 125 m |
| 24R | GS | IOSS | 108.50 MHz | 10 nm 19 km | 262.97 251.53 | 3.00 | 125 ft 125 m |
| 25L | GS | ILAX | 109.90 MHz | 10 nm 19 km | 262.97 251.53 | 3.00 | 125 ft 125 m |
| 25R | GS | ICFN | 111.10 MHz | 10 nm 19 km | 262.98 251.54 | 3.00 | 125 ft 125 m |