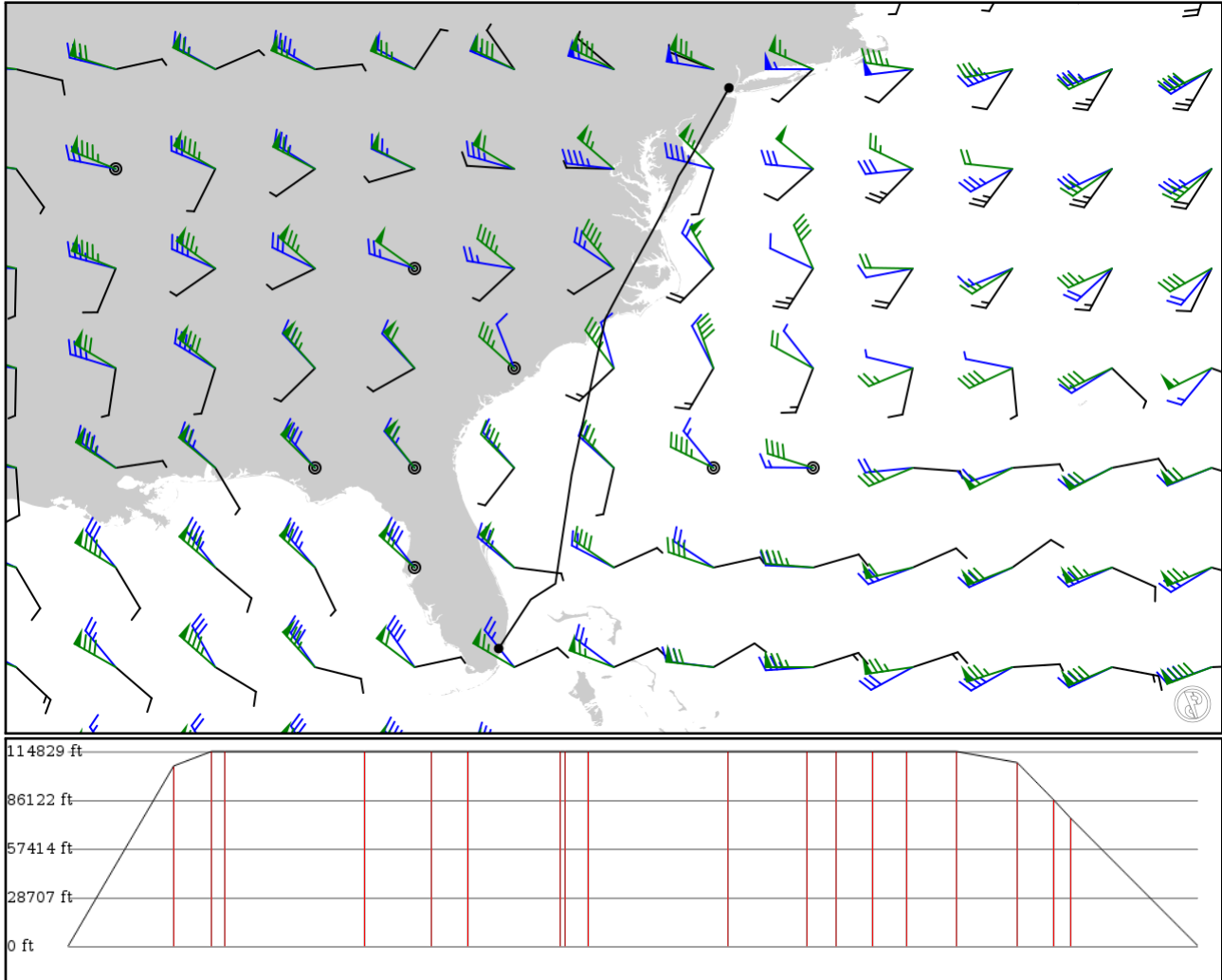


2024/04/28 0622Z

KMIA AMNDA **A699** RAMJT **AR18** DIW **J174** ORF **J121** SAWED **J209** SBY **V1** PEAPS KEWR

962.61 nm / 1782.76 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 |
|---------------|--------|------------|-----------|--------------|------------------------------|
| KMIA | - | 25.79620 | 0 ft | - | Miami Intl |
| APT | - | -80.28970 | 0 m | - | |
| AMNDA | - | 27.10000 | 32,400 ft | 90 | - |
| FIX | - | -79.43640 | 9,876 m | - | - |
| PERMT | A699 | 27.41420 | 35,000 ft | 32 | - |
| FIX | AWY-HI | -78.94730 | 10,668 m | - | - |
| RAMJT | A699 | 27.52040 | 35,000 ft | 10 | - |
| FIX | AWY-HI | -78.78000 | 10,668 m | - | - |
| ETECK | AR18 | 29.48570 | 35,000 ft | 119 | - |
| FIX | AWY-HI | -78.48730 | 10,668 m | - | - |
| OZENA | AR18 | 30.41940 | 35,000 ft | 56 | - |
| FIX | AWY-HI | -78.34830 | 10,668 m | - | - |
| LANIE | AR18 | 30.94160 | 35,000 ft | 31 | - |
| FIX | AWY-HI | -78.23560 | 10,668 m | - | - |
| LURKS | AR18 | 32.21610 | 35,000 ft | 77 | - |
| FIX | AWY-HI | -77.96070 | 10,668 m | - | - |
| MILOE | AR18 | 32.29110 | 35,000 ft | 4 | - |
| FIX | AWY-HI | -77.94440 | 10,668 m | - | - |
| PANAL | AR18 | 32.60910 | 35,000 ft | 19 | - |
| FIX | AWY-HI | -77.87580 | 10,668 m | - | - |
| DIW | AR18 | 34.56850 | 35,000 ft | 119 | DIXON |
| NDB | AWY-HI | -77.45290 | 10,668 m | - | |
| CLAPY | J174 | 35.59470 | 35,000 ft | 67 | - |
| FIX | AWY-HI | -76.90950 | 10,668 m | - | - |
| GILMA | J174 | 35.97670 | 35,000 ft | 25 | - |
| FIX | AWY-HI | -76.70340 | 10,668 m | - | - |
| EDDYS | J174 | 36.44040 | 35,000 ft | 30 | - |
| FIX | AWY-HI | -76.45010 | 10,668 m | - | - |
| ORF | J174 | 36.89190 | 35,000 ft | 29 | NORFOLK |
| VOR | AWY-HI | -76.20030 | 10,668 m | - | |
| SAWED | J121 | 37.53350 | 35,000 ft | 41 | - |
| FIX | AWY-HI | -75.85810 | 10,668 m | - | - |
| SBY | J209 | 38.34500 | 33,000 ft | 51 | SALISBURY |
| VOR | AWY-HI | -75.51060 | 10,058 m | - | |
| ATR | V1 | 38.80980 | 26,300 ft | 31 | WATERLOO |
| VOR | AWY-LO | -75.21130 | 8,016 m | - | |
| PEAPS | V1 | 39.04190 | 23,000 ft | 15 | - |
| FIX | AWY-LO | -75.07890 | 7,010 m | - | - |
| KEWR | - | 40.69360 | 0 ft | 107 | Newark Liberty International |
| APT | - | -74.16860 | 0 m | - | |

KMIA

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

Elevation: 11 ft / 3 m
Location: 25.796200 -80.289700
Magnetic Var: 7.270 W

METAR

KMIA 280553Z 09014G21KT 6SM HZ SCT033 BKN050 BKN250 24/17 A3012 RMK A02 PK WND 07029/0536 SLP200 P0005 60005 T0239

TAF

KMIA 280527Z 2806/2912 10016G26KT P6SM VCSH SCT025 BKN035 BKN050 FM281500 10018G28KT P6SM VCSH SCT025 BKN040 FM29

Frequencies

REC - 119.15 MHz - D-ATIS
COM - 123.00 MHz - UNICOM
GND - 121.80 MHz - MIAMI GROUND
TWR - 118.30 MHz - MIAMI TOWER
APP - 120.50 MHz - MIAMI APPROACH
APP - 125.75 MHz - MIAMI APPROACH
DEP - 125.50 MHz - MIAMI DEPARTURE

REC - 133.67 MHz - D-ATIS
CLD - 135.35 MHz - CLEARANCE DELIVERY
GND - 127.50 MHz - MIAMI GROUND
TWR - 123.90 MHz - MIAMI TOWER
APP - 124.85 MHz - MIAMI APPROACH
DEP - 119.45 MHz - MIAMI DEPARTURE

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 09 | 151 ft | 13,027 ft | 87.37 | CONCRETE | 1,371 ft | 384 ft |
| | 46 m | 3,971 m | 94.64 | | 418 m | 117 m |
| 27 | 151 ft | 13,027 ft | 267.39 | CONCRETE | 276 ft | 374 ft |
| | 46 m | 3,971 m | 274.66 | | 84 m | 114 m |
| 08R | 200 ft | 10,515 ft | 87.38 | CONCRETE | 0 ft | 407 ft |
| | 61 m | 3,205 m | 94.65 | | 0 m | 124 m |
| 26L | 200 ft | 10,515 ft | 267.39 | CONCRETE | 0 ft | 407 ft |
| | 61 m | 3,205 m | 274.66 | | 0 m | 124 m |
| 08L | 151 ft | 8,607 ft | 87.38 | CONCRETE | 0 ft | 387 ft |
| | 46 m | 2,624 m | 94.65 | | 0 m | 118 m |
| 26R | 151 ft | 8,607 ft | 267.39 | CONCRETE | 0 ft | 387 ft |
| | 46 m | 2,624 m | 274.66 | | 0 m | 118 m |
| 12 | 151 ft | 9,366 ft | 119.61 | CONCRETE | 0 ft | 397 ft |
| | 46 m | 2,855 m | 126.88 | | 0 m | 121 m |
| 30 | 151 ft | 9,366 ft | 299.62 | CONCRETE | 948 ft | 0 ft |
| | 46 m | 2,855 m | 306.89 | | 289 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 08L | DME | IROY | 109.30 MHz | 18 nm | - | - | 8 ft |
| | | | | 33 km | - | | 8 m |
| 08R | DME | IMFA | 110.30 MHz | 18 nm | - | - | 8 ft |
| | | | | 33 km | - | | 8 m |
| 12 | DME | IGEM | 108.90 MHz | 18 nm | - | - | 14 ft |
| | | | | 33 km | - | | 14 m |
| 26L | DME | IVIN | 109.10 MHz | 18 nm | - | - | 12 ft |
| | | | | 33 km | - | | 12 m |
| 26R | DME | ICNV | 109.30 MHz | 18 nm | - | - | 8 ft |
| | | | | 33 km | - | | 8 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 30 | DME | IDCX | 111.70 MHz | 18 nm | - | - | 8 ft |
| | | | | 33 km | - | | 8 m |
| 08R | LOC-ILS | IMFA | 110.30 MHz | 18 nm | 87.37 | - | 4 ft |
| | | | | 33 km | 94.64 | | 4 m |
| 09 | LOC-ILS | IBUL | 110.90 MHz | 18 nm | 87.37 | - | 4 ft |
| | | | | 33 km | 94.64 | | 4 m |
| 12 | LOC-ILS | IGEM | 108.90 MHz | 18 nm | 119.60 | - | 4 ft |
| | | | | 33 km | 126.87 | | 4 m |
| 26L | LOC-ILS | IVIN | 109.10 MHz | 18 nm | 267.37 | - | 4 ft |
| | | | | 33 km | 274.64 | | 4 m |
| 27 | LOC-ILS | IMIA | 109.50 MHz | 18 nm | 267.37 | - | 4 ft |
| | | | | 33 km | 274.64 | | 4 m |
| 30 | LOC-ILS | IDCX | 111.70 MHz | 18 nm | 299.60 | - | 4 ft |
| | | | | 33 km | 306.87 | | 4 m |
| 08L | LOC-LOC | IROY | 109.30 MHz | 18 nm | 87.36 | - | 4 ft |
| | | | | 33 km | 94.63 | | 4 m |
| 26R | LOC-LOC | ICNV | 109.30 MHz | 18 nm | 267.36 | - | 4 ft |
| | | | | 33 km | 274.63 | | 4 m |
| 08R | GS | IMFA | 110.30 MHz | 10 nm | 87.37 | 3.00 | 4 ft |
| | | | | 19 km | 94.64 | | 4 m |
| 09 | GS | IBUL | 110.90 MHz | 10 nm | 87.37 | 3.00 | 4 ft |
| | | | | 19 km | 94.64 | | 4 m |
| 12 | GS | IGEM | 108.90 MHz | 10 nm | 119.60 | 3.00 | 4 ft |
| | | | | 19 km | 126.87 | | 4 m |
| 26L | GS | IVIN | 109.10 MHz | 10 nm | 267.37 | 3.00 | 4 ft |
| | | | | 19 km | 274.64 | | 4 m |
| 27 | GS | IMIA | 109.50 MHz | 10 nm | 267.37 | 3.00 | 4 ft |
| | | | | 19 km | 274.64 | | 4 m |
| 30 | GS | IDCX | 111.70 MHz | 10 nm | 299.60 | 3.00 | 4 ft |
| | | | | 19 km | 306.87 | | 4 m |

KEWR

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

Elevation: 17 ft / 5 m
Location: 40.693600 -74.168600
Magnetic Var: 12.652 W

METAR

KEWR 280551Z 18008KT 4SM RA OVC028 11/07 A3030 RMK A02 SLP258 P0004 60004 T01060072 10128 20106 56020

TAF

KEWR 280521Z 2806/2912 19006KT P6SM -SHRA OVC030 TEMPO 2808/2812 OVC020 FM281400 23006KT P6SM BKN025 FM281700 210

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 |