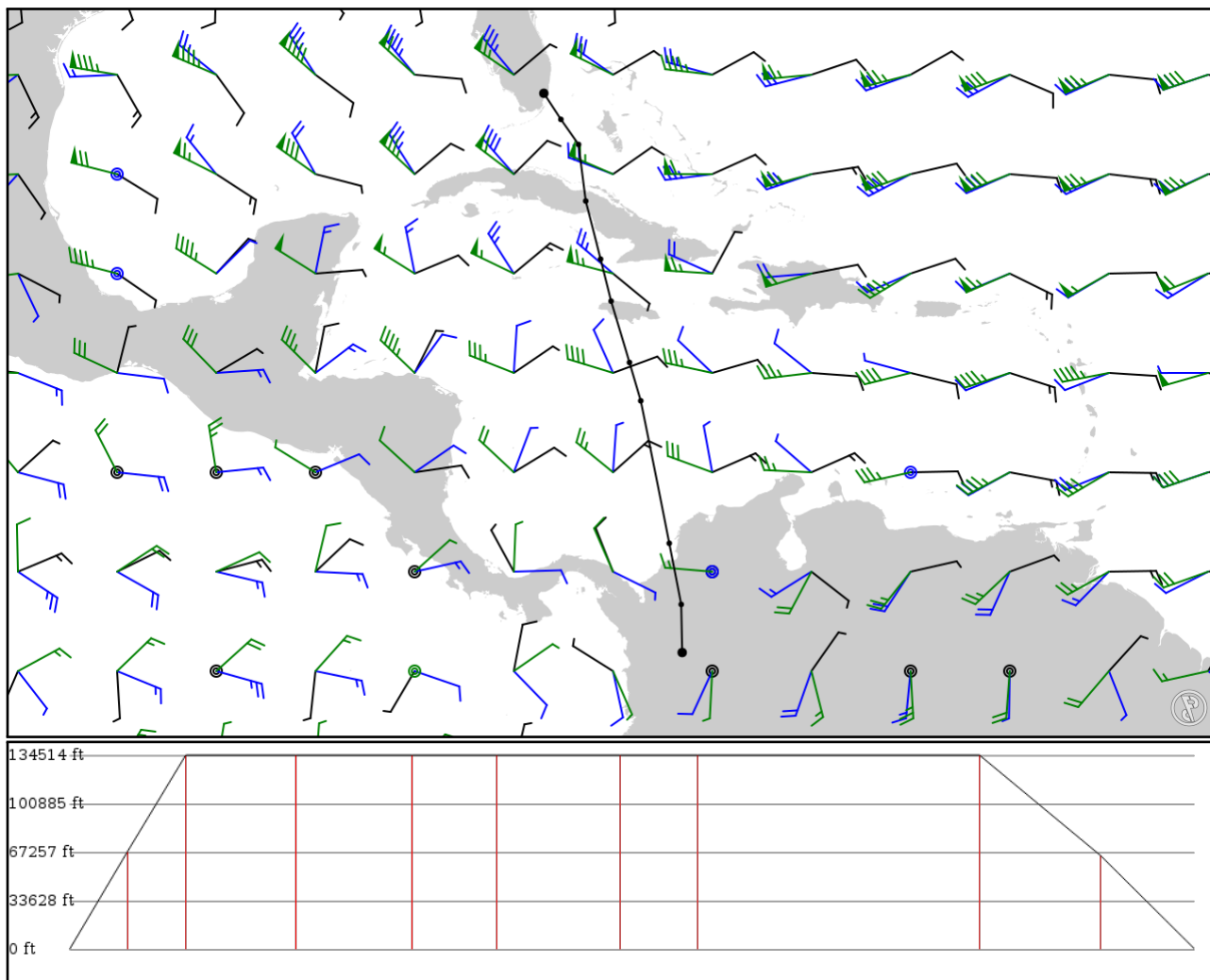


2024/05/21 2027Z

KMIA ELLEE **A509** URSUS **UA301** UCA **UG430** KILER **UQ105** BUTAL SKRG

1221.08 nm / 2261.44 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 41000ft
- Cruise Speed: 461kts
- 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		
ELLEE	-	24.88060	20,700 ft	63	-
FIX	-	-79.69000	6,309 m		
URSUS	A509	24.00010	41,000 ft	62	-
FIX	AWY-HI	-79.06980	12,497 m		
UCA	UA301	22.01510	41,000 ft	120	CIEGO DE AVILA
VOR	AWY-HI	-78.81580	12,497 m		
PUTUL	UG430	19.97610	41,000 ft	125	-
FIX	AWY-HI	-78.29330	12,497 m		
SIA	UG430	18.50100	41,000 ft	91	SANGSTER
VOR	AWY-HI	-77.92410	12,497 m		
BEREX	UG430	16.34690	41,000 ft	134	-
FIX	AWY-HI	-77.27720	12,497 m		
KILER	UG430	15.00000	41,000 ft	84	-
FIX	AWY-HI	-76.88030	12,497 m		
EKATI	UQ105	10.00000	41,000 ft	305	-
FIX	AWY-HI	-75.87720	12,497 m		
BUTAL	UQ105	7.85361	19,800 ft	131	-
FIX	AWY-HI	-75.45720	6,035 m		
SKRG	-	6.16490	0 ft	101	Jose Maria Cordova Intl
APT	-	-75.42310	0 m		

KMIA

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

Elevation: 11 ft / 3 m
Location: 25.796200 -80.289700
Magnetic Var: 7.276 W

METAR

KMIA 212018Z 14010G19KT 1SM +TSRA BKN016CB OVC035 22/19 A2991 RMK A02 PK WND 20028/1957 WSHFT 1940 LTG DSNT SE-W R

TAF

KMIA 212004Z 2120/2224 19015KT P6SM VCTS SCT035CB BKN050 TEMPO 2120/2122 VRB20G30KT 1SM +TSRA SCT015 BKN025CB OVC

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	94.65		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	274.67		0 m	124 m
08L	151 ft	8,607 ft	87.38	CONCRETE	0 ft	387 ft
	46 m	2,624 m	94.66		0 m	118 m
26R	151 ft	8,607 ft	267.39	CONCRETE	0 ft	387 ft
	46 m	2,624 m	274.67		0 m	118 m
12	151 ft	9,366 ft	119.61	CONCRETE	0 ft	397 ft
	46 m	2,855 m	126.89		0 m	121 m
30	151 ft	9,366 ft	299.62	CONCRETE	948 ft	0 ft
	46 m	2,855 m	306.90		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	94.65		4 m
09	LOC-ILS	IBUL	110.90 MHz	18 nm	87.37	-	4 ft
				33 km	94.65		4 m
12	LOC-ILS	IGEM	108.90 MHz	18 nm	119.60	-	4 ft
				33 km	126.88		4 m
26L	LOC-ILS	IVIN	109.10 MHz	18 nm	267.37	-	4 ft
				33 km	274.65		4 m
27	LOC-ILS	IMIA	109.50 MHz	18 nm	267.37	-	4 ft
				33 km	274.65		4 m
30	LOC-ILS	IDCX	111.70 MHz	18 nm	299.60	-	4 ft
				33 km	306.88		4 m
08L	LOC-LOC	IROY	109.30 MHz	18 nm	87.36	-	4 ft
				33 km	94.64		4 m
26R	LOC-LOC	ICNV	109.30 MHz	18 nm	267.36	-	4 ft
				33 km	274.64		4 m
08R	GS	IMFA	110.30 MHz	10 nm	87.37	3.00	4 ft
				19 km	94.65		4 m
09	GS	IBUL	110.90 MHz	10 nm	87.37	3.00	4 ft
				19 km	94.65		4 m
12	GS	IGEM	108.90 MHz	10 nm	119.60	3.00	4 ft
				19 km	126.88		4 m
26L	GS	IVIN	109.10 MHz	10 nm	267.37	3.00	4 ft
				19 km	274.65		4 m
27	GS	IMIA	109.50 MHz	10 nm	267.37	3.00	4 ft
				19 km	274.65		4 m
30	GS	IDCX	111.70 MHz	10 nm	299.60	3.00	4 ft
				19 km	306.88		4 m

SKRG

Region: COLOMBIA
Timezone: AMERICA/BOGOTA
Runways: 1

Elevation: 7,027 ft / 2,142 m
Location: 6.164900 -75.423100
Magnetic Var: 7.552 W

METAR

SKRG 212000Z 07012KT 9999 SCT020 24/15 Q1022 WS R01 NOSIG

TAF

TAF SKRG 211630Z 2118/2218 12010KT 9999 SCT020TCU TEMPO 2120/2123 RA SCT020CB BECMG 2200/2201 VRB02KT SCT015 TEMP

Frequencies

REC - 115.10 MHz - ATIS
TWR - 118.60 MHz - RIONEGRO TOWER
APP - 121.10 MHz - MEDELLIN APPROACH
GND - 121.90 MHz - RIONEGRO GROUND
APP - 126.10 MHz - MEDELLIN APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	151 ft	11,297 ft	359.63	ASPHALT	0 ft	0 ft
	46 m	3,443 m	7.19		0 m	0 m
19	151 ft	11,297 ft	179.63	ASPHALT	0 ft	112 ft
	46 m	3,443 m	187.19		0 m	34 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	LOC-ILS	IMDE	110.90 MHz	18 nm	359.63	-	7,027 ft
				33 km	7.18		7,027 m
01	GS	IMDE	110.90 MHz	10 nm	359.63	3.00	7,027 ft
				19 km	7.18		7,027 m