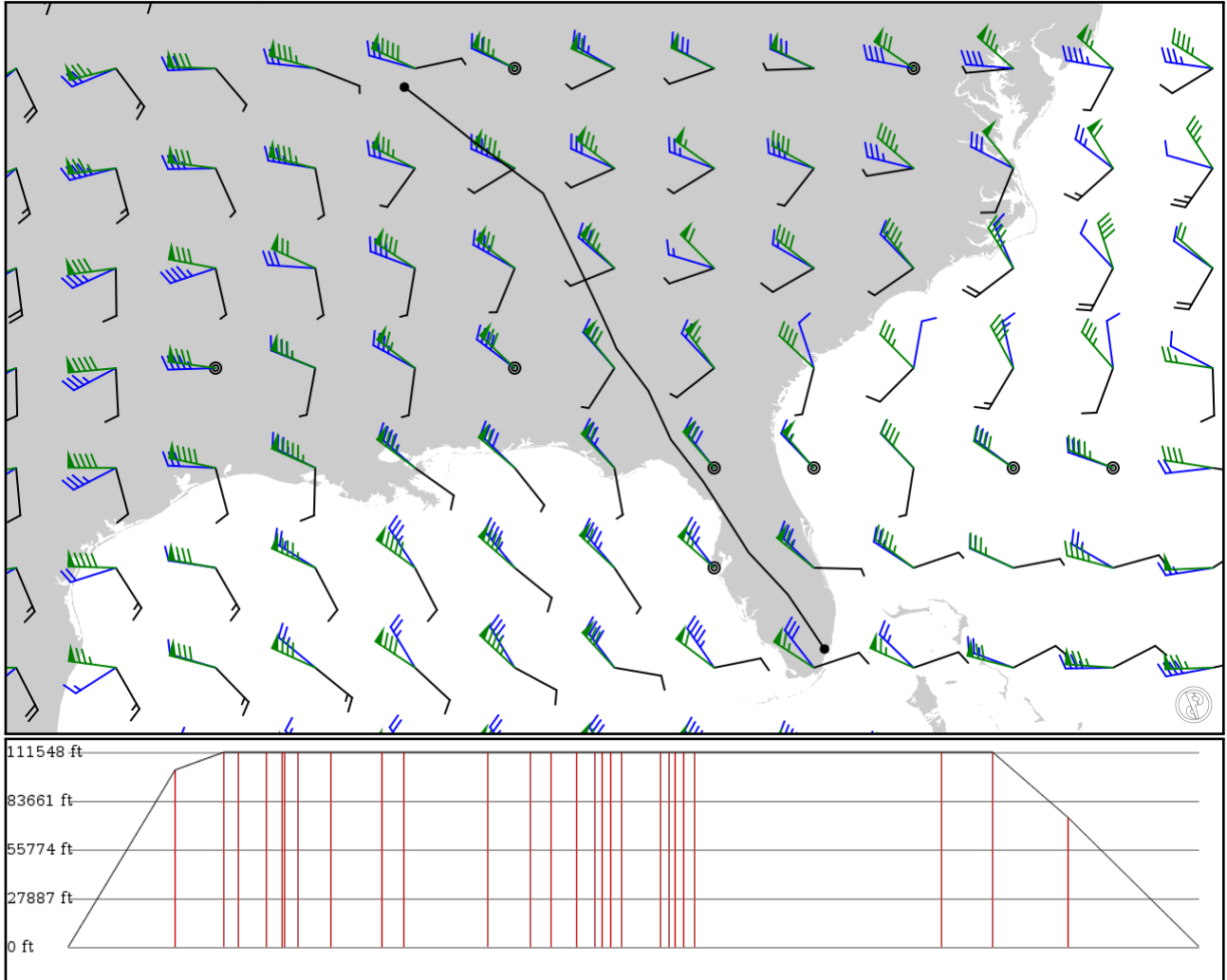


2024/05/07 0302Z

KMIA SIGNL **V511** LAL **V521** CTY **V159** PZD **V321** LGC **J73** BNA **J45** TINGS KBLV

916.56 nm / 1697.46 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 APT	-	25.79617 -80.28974	0 ft 0 m	-	Miami Intl
SIGNL FIX	-	27.03344 -81.12382	30,900 ft 9,418 m	86	-
HALLR FIX	V511 AWY-LO	27.54467 -81.59883	34,000 ft 10,363 m	39	-
CAVAR FIX	V511 AWY-LO	27.69987 -81.74421	34,000 ft 10,363 m	12	-
LAL VOR	V511 AWY-LO	27.98619 -82.01389	34,000 ft 10,363 m	22	LAKELAND VORTAC
PLUMY FIX	V521 AWY-LO	28.17090 -82.13054	34,000 ft 10,363 m	12	-
JUVAS FIX	V521 AWY-LO	28.20294 -82.15084	34,000 ft 10,363 m	2	-
DADES FIX	V521 AWY-LO	28.36267 -82.25217	34,000 ft 10,363 m	10	-
NITTS FIX	V521 AWY-LO	28.74151 -82.49392	34,000 ft 10,363 m	26	-
ORATE FIX	V521 AWY-LO	29.34042 -82.88022	34,000 ft 10,363 m	41	-
CTY DME	V521 AWY-LO	29.59900 -83.04879	34,000 ft 10,363 m	17	CROSS CITY VORTAC
GEF VOR	V159 AWY-LO	30.55133 -83.78314	34,000 ft 10,363 m	68	GREENVILLE VORTAC
HARKE FIX	V159 AWY-LO	31.07549 -84.02367	34,000 ft 10,363 m	33	-
SALER FIX	V159 AWY-LO	31.34499 -84.14849	34,000 ft 10,363 m	17	-
PZD VOR	V159 AWY-LO	31.65522 -84.29306	34,000 ft 10,363 m	20	PECAN VORTAC
ABBET FIX	V321 AWY-LO	31.86697 -84.45131	34,000 ft 10,363 m	15	-
DUVAT FIX	V321 AWY-LO	31.94877 -84.51269	34,000 ft 10,363 m	5	-
LUMPP FIX	V321 AWY-LO	32.04116 -84.58214	34,000 ft 10,363 m	6	-
PREST FIX	V321 AWY-LO	32.17638 -84.68412	34,000 ft 10,363 m	9	-
CSG VOR	V321 AWY-LO	32.61525 -85.01764	34,000 ft 10,363 m	31	COLUMBUS VORTAC
JALVO FIX	V321 AWY-LO	32.72244 -85.06403	34,000 ft 10,363 m	6	-
UKAVE FIX	V321 AWY-LO	32.79831 -85.09694	34,000 ft 10,363 m	4	-
STUKY FIX	V321 AWY-LO	32.89943 -85.14091	34,000 ft 10,363 m	6	-
LGC VOR	V321 AWY-LO	33.04911 -85.20622	34,000 ft 10,363 m	9	LAGRANGE VORTAC
BNA VOR	J73 AWY-HI	36.13697 -86.68478	34,000 ft 10,363 m	199	NASHVILLE VORTAC
LAJUG FIX	J45 AWY-HI	36.61209 -87.31593	34,000 ft 10,363 m	41	-
TINGS	J45	37.30302	22,600 ft	61	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-88.25619	6,888 m		
KBLV	-	38.54505	0 ft	105	Scott AFB MidAmerica
APT	-	-89.83690	0 m		

KMIA

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

Elevation: 11 ft / 3 m
Location: 25.796200 -80.289700
Magnetic Var: 7.272 W

METAR

KMIA 070153Z 11009KT 10SM SCT020 26/21 A2999 RMK A02 SLP154 T02560206 \$

TAF

KMIA 070232Z 0703/0806 12009KT P6SM SCT050 SCT250 FM080200 VRB04KT P6SM FEW040 SCT100

Frequencies

REC - 119.15 MHz - D-ATIS	REC - 133.67 MHz - D-ATIS
COM - 123.00 MHz - UNICOM	CLD - 135.35 MHz - CLEARANCE DELIVERY
GND - 121.80 MHz - MIAMI GROUND	GND - 127.50 MHz - MIAMI GROUND
TWR - 118.30 MHz - MIAMI TOWER	TWR - 123.90 MHz - MIAMI TOWER
APP - 120.50 MHz - MIAMI APPROACH	APP - 124.85 MHz - MIAMI APPROACH
APP - 125.75 MHz - MIAMI APPROACH	DEP - 119.45 MHz - MIAMI DEPARTURE
DEP - 125.50 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

KBLV

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 2

Elevation: 456 ft / 139 m
Location: 38.545000 -89.836900
Magnetic Var: 2.334 W

METAR

KBLV 070155Z 16005KT 10SM FEW100 21/18 A2976 RMK A02A SLP079 T02110177 \$

TAF

TAF TAF KBLV 070000Z 0700/0806 20006KT 9999 FEW050 QNH2970INS BECMG 0705/0706 15006KT 9999 SCT020 OVC025 QNH2967I

Frequencies

REC - 128.70 MHz - ATIS	COM - 122.95 MHz - UNICOM
CLD - 121.75 MHz - CLNC DEL	GND - 119.20 MHz -
GND - 119.87 MHz -	TWR - 118.65 MHz -
TWR - 128.25 MHz -	APP - 125.20 MHz - ST LOUIS APP/DEP

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14L	151 ft	10,010 ft	136.68	CONCRETE	0 ft	0 ft
	46 m	3,051 m	139.01		0 m	0 m
32R	151 ft	10,010 ft	316.69	CONCRETE	0 ft	0 ft
	46 m	3,051 m	319.03		0 m	0 m
14R	151 ft	8,016 ft	136.66	CONCRETE	0 ft	994 ft
	46 m	2,443 m	138.99		0 m	303 m
32L	151 ft	8,016 ft	316.67	CONCRETE	200 ft	1,014 ft
	46 m	2,443 m	319.00		61 m	309 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14L	DME	IBTC	111.15 MHz	18 nm	-	-	442 ft
				33 km	-		442 m
14L	LOC-ILS	IBTC	111.15 MHz	18 nm	136.68	-	437 ft
				33 km	139.02		437 m
14R	LOC-ILS	IOXK	109.90 MHz	18 nm	136.66	-	435 ft
				33 km	139.00		435 m
32L	LOC-ILS	IBLV	109.90 MHz	18 nm	316.64	-	459 ft
				33 km	318.98		459 m
32R	LOC-ILS	IJDU	111.15 MHz	18 nm	316.67	-	437 ft
				33 km	319.00		437 m
14L	GS	IBTC	111.15 MHz	10 nm	137.35	3.00	442 ft
				19 km	139.69		442 m
14R	GS	IOXK	109.90 MHz	10 nm	137.31	3.00	450 ft
				19 km	139.64		450 m
32L	GS	IBLV	109.90 MHz	10 nm	317.31	3.00	436 ft
				19 km	319.64		436 m
32R	GS	IJDU	111.15 MHz	10 nm	317.35	3.00	436 ft
				19 km	319.69		436 m