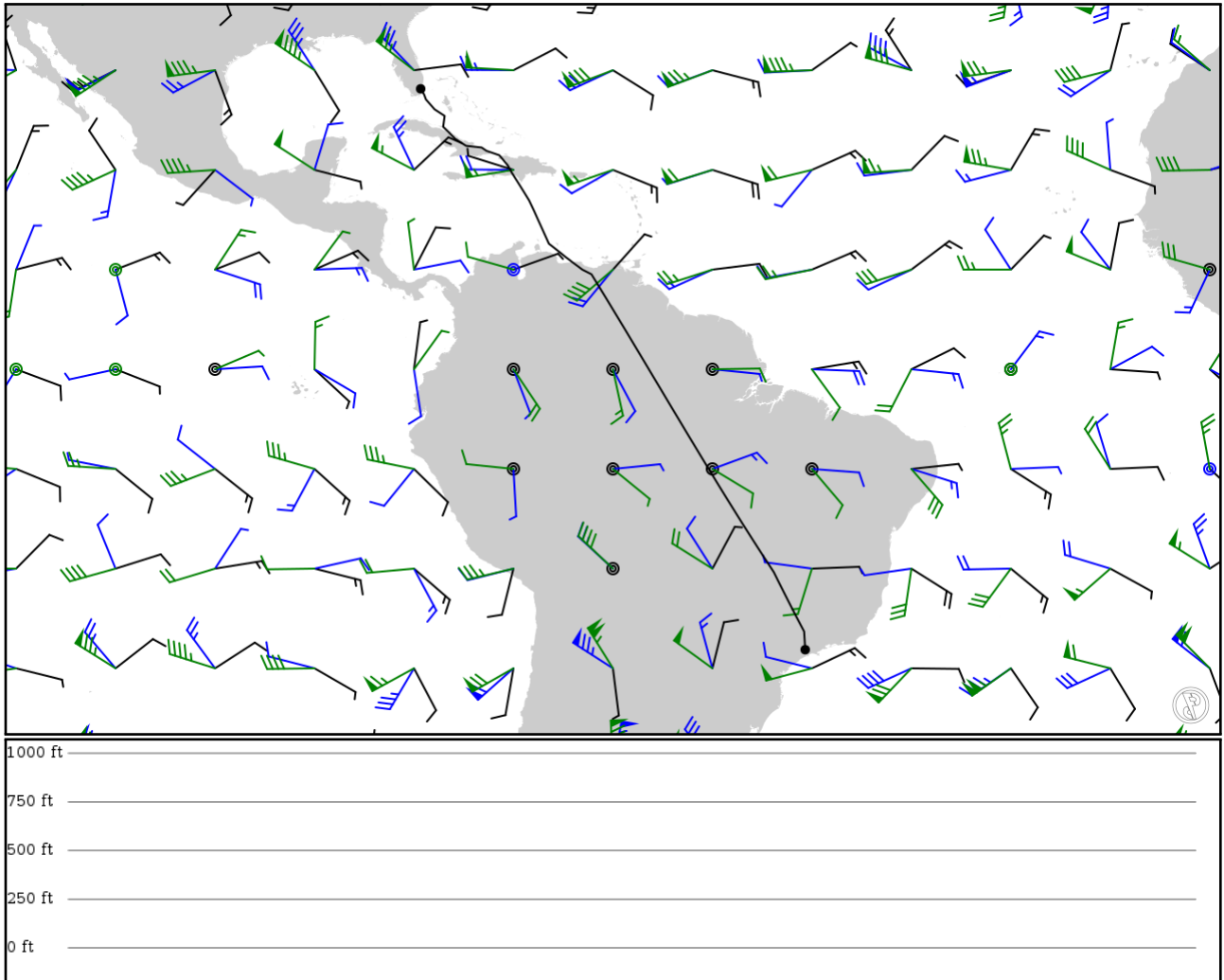


2024/05/11 0713Z

KMIA EONNS AVION URSUS IMELA UCJ J1 UBA URLAM VETMO A315 MIQ COLON RONER GOI PCL SBGR

3657.95 nm / 6774.52 km



Notes

Requested: KMIA EONNS AVION URSUS IMELA UCJ J1 UBA URLAM VETMO A315 AVELO ATONO A315 MIQ KOTOM UM417 MUDAG COLON RO

Unmatched points: KOTOM UM417 MUDAG UL304 PAMEO UZ28 MOLPI NILGU

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KMIA	-	25.79617	0 ft	-	Miami Intl
APT	-	-80.28974	0 m		
EONNS	-	25.29672	0 ft	34	-
FIX	-	-79.98684	0 m		
AVION	-	24.86456	0 ft	27	-
FIX	-	-79.82892	0 m		
URSUS	-	24.00005	0 ft	66	-
FIX	-	-79.06980	0 m		
IMELA	-	23.42056	0 ft	59	-
FIX	-	-78.18417	0 m		
UCJ	-	22.46750	0 ft	57	JARDINES DEL REY VOR-DME
VOR	-	-78.31194	0 m		
UNV	J1	21.39500	0 ft	88	NUEVAS VOR
VOR	AWY-LO	-77.23083	0 m		
UHG	J1	20.79806	0 ft	63	HOLGUIN VOR-DME
VOR	AWY-LO	-76.30306	0 m		
UMO	J1	20.64881	0 ft	77	MOA NDB
NDB	AWY-HI	-74.93050	0 m		
UBA	J1	20.35728	0 ft	29	BARACOA NDB
NDB	AWY-LO	-74.50439	0 m		
URLAM	-	19.96528	0 ft	68	-
FIX	-	-73.37167	0 m		
VETMO	-	19.07667	0 ft	68	-
FIX	-	-72.62500	0 m		
OB NOR	A315	18.66500	0 ft	27	-
FIX	AWY-LO	-72.39833	0 m		
OB N	A315	18.43825	0 ft	15	OBLEON VOR-DME
VOR	AWY-LO	-72.27444	0 m		
TOVOL	A315	18.13500	0 ft	21	-
FIX	AWY-LO	-72.08333	0 m		
NALGA	A315	17.93500	0 ft	13	-
FIX	AWY-LO	-71.95833	0 m		
PIGBI	A315	17.55333	0 ft	26	-
FIX	AWY-LO	-71.71556	0 m		
KESVI	A315	17.18194	0 ft	25	-
FIX	AWY-LO	-71.48306	0 m		
KATIN	A315	16.91222	0 ft	18	-
FIX	AWY-LO	-71.31472	0 m		
VESKA	A315	16.00000	0 ft	63	-
FIX	AWY-LO	-70.75000	0 m		
PENKO	A315	15.08361	0 ft	60	-
FIX	AWY-LO	-70.31833	0 m		
DUSAN	A315	14.39700	0 ft	44	-
FIX	AWY-LO	-70.00950	0 m		
ONDAS	A315	13.04136	0 ft	89	-
FIX	AWY-LO	-69.39025	0 m		
PJG	A315	12.20028	0 ft	55	CURACAO VOR-DME
VOR	AWY-LO	-69.01000	0 m		
AVELO	A315	11.41806	0 ft	75	-
FIX	AWY-LO	-68.01028	0 m		
ATONO	A315	10.99028	0 ft	40	-
FIX	AWY-LO	-67.48361	0 m		
MARES	A315	10.78972	0 ft	19	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-67.21361	0 m		
MIQ	A315	10.60814	0 ft	17	MAIQUETIA NDB
NDB	AWY-LO	-66.98581	0 m		
COLON	-	9.92975	0 ft	67	-
FIX	-	-66.07200	0 m		
RONER	-	9.52142	0 ft	53	-
FIX	-	-65.27033	0 m		
GOI	-	-16.63720	0 ft	1837	GOIANIA NDB
NDB	-	-49.22439	0 m		
PCL	-	-21.83583	0 ft	346	POCOS NDB
NDB	-	-46.56567	0 m		
SBGR	-	-23.43233	0 ft	96	Sao Paulo - Guarulhos
APT	-	-46.46968	0 m		

KMIA

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

Elevation: 11 ft / 3 m
Location: 25.796200 -80.289700
Magnetic Var: 7.274 W

METAR

KMIA 110653Z 29004KT 10SM CLR 26/23 A2985 RMK A02 SLP107 T02560228

TAF

TAF KMIA 110520Z 1106/1212 VRB05KT P6SM FEW030 SCT250 FM111500 25011G18KT P6SM SCT030 BKN250 FM120000 26009KT P6SM

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

SBGR

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 2,461 ft / 750 m
Location: -23.432300 -46.469500
Magnetic Var: 22.210 W

METAR

SBGR 110700Z 06001KT 7000 NSC 18/17 Q1017

TAF

TAF SBGR 110230Z 1106/1212 07005KT 4000 BR SCT008 TN19/1108Z TX29/1118Z PROB30 1107/1111 2000 BR BKN004 BECMG 1112

Frequencies

REC - 127.75 MHz - GUARULHOS ATIS	CLD - 121.00 MHz - GUARULHOS CLEARANCE
GND - 121.70 MHz - GUARULHOS GROUND	GND - 126.90 MHz - GUARULHOS GROUND
TWR - 118.40 MHz - GUARULHOS TOWER	TWR - 132.75 MHz - GUARULHOS TOWER
TWR - 135.20 MHz - GUARULHOS TOWER	APP - 129.75 MHz - SAO PAULO APPROACH
APP - 119.15 MHz - SAO PAULO APPROACH	APP - 120.45 MHz - SAO PAULO APPROACH
APP - 120.85 MHz - SAO PAULO APPROACH	APP - 133.85 MHz - SAO PAULO APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09L	148 ft	12,131 ft	73.60	ASPHALT	295 ft	190 ft
	45 m	3,698 m	95.81		90 m	58 m
27R	148 ft	12,131 ft	253.59	ASPHALT	200 ft	194 ft
	45 m	3,698 m	275.80		61 m	59 m
09R	148 ft	9,832 ft	73.60	ASPHALT	0 ft	194 ft
	45 m	2,997 m	95.81		0 m	59 m
27L	148 ft	9,832 ft	253.59	ASPHALT	0 ft	194 ft
	45 m	2,997 m	275.80		0 m	59 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	LOC-ILS	IUC	110.70 MHz	18 nm	73.59	-	2,461 ft
				33 km	95.80		2,461 m
09R	LOC-ILS	IGR	111.50 MHz	18 nm	73.60	-	2,461 ft
				33 km	95.81		2,461 m
27L	LOC-ILS	IBC	111.10 MHz	18 nm	253.60	-	2,459 ft
				33 km	275.81		2,459 m
27R	LOC-ILS	IGS	111.90 MHz	18 nm	253.59	-	2,459 ft
				33 km	275.80		2,459 m
09L	GS	IUC	110.70 MHz	10 nm	73.59	3.00	2,461 ft
				19 km	95.80		2,461 m
09R	GS	IGR	111.50 MHz	10 nm	73.60	2.92	2,461 ft
				19 km	95.81		2,461 m
27L	GS	IBC	111.10 MHz	10 nm	253.60	3.00	2,459 ft
				19 km	275.81		2,459 m
27R	GS	IGS	111.90 MHz	10 nm	253.59	3.00	2,458 ft
				19 km	275.80		2,458 m