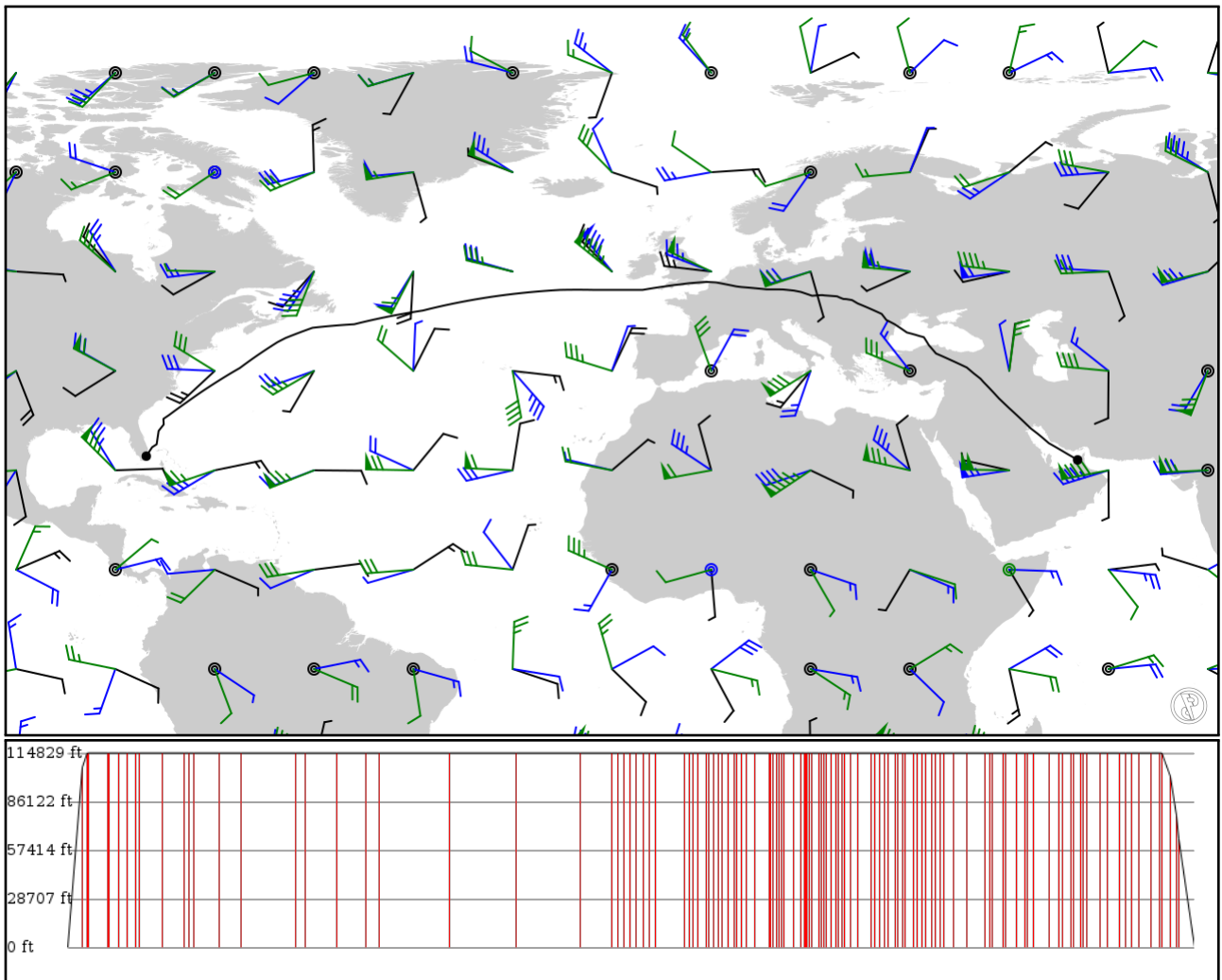


2024/06/04 1213Z

KMIA AMNDA **A699** RAMJT **AR18** ETECK **M202** CARPX **AR3** PERIE **M201** CARAC **N47C** NANSO **N45D** RAFIN W 47/40 V  
ATSUR 5000N01300W 5000N01200W 5000N01100W 5000N01000W 5000N0900W GAPLI **N19** SAM SAM **UM140** DVR **UL9**  
KONAN **UL607** KOK KOK **UL607** MATUG **UZ660** RASPU **UL984** OKG **L726** BNO **T303** MAKAL **P27** LIPMU PPD **R232** KSC  
**W425** EVULA SR **W425** RUMUK **L623** BCU **N616** EVIKA **L624** ADINA **L851** SUGUL **M854** SUMOL **UM854** INB **M854**  
ERGUN **UP975** NOLD0 **P975** SIDA0 **R784** IMDAT **B416** ORSAR OMDB

6972.84 nm / 12913.70 km



## Notes

Using NAT tracks from 1/4/2024

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		
CANIT	M202	29.56250	35,000 ft	5	-
FIX	AWY-HI	-78.42580	10,668 m		
CARPX	M202	30.40800	35,000 ft	61	-
FIX	AWY-HI	-77.75000	10,668 m		
PERIE	AR3	31.22860	35,000 ft	49	-
FIX	AWY-HI	-77.79690	10,668 m		
HANRI	M201	31.76460	35,000 ft	51	-
FIX	AWY-HI	-77.00000	10,668 m		
EMQUE	M201	31.99910	35,000 ft	21	-
FIX	AWY-HI	-76.68660	10,668 m		
GALWY	M201	33.58340	35,000 ft	146	-
FIX	AWY-HI	-74.48670	10,668 m		
PAEPR	M201	35.04200	35,000 ft	134	-
FIX	AWY-HI	-72.41660	10,668 m		
VEGAA	M201	35.32320	35,000 ft	26	-
FIX	AWY-HI	-72.00000	10,668 m		
ATUGI	M201	35.63850	35,000 ft	29	-
FIX	AWY-HI	-71.52670	10,668 m		
TILED	M201	37.26610	35,000 ft	157	-
FIX	AWY-HI	-68.97330	10,668 m		
DRYED	M201	38.63230	35,000 ft	136	-
FIX	AWY-HI	-66.66750	10,668 m		
NOVOK	M201	42.38160	35,000 ft	336	-
FIX	AWY-HI	-61.20160	10,668 m		
CARAC	M201	43.00000	35,000 ft	64	-
FIX	AWY-HI	-60.00000	10,668 m		
NANSO	N47C	44.48890	35,000 ft	192	-
FIX	AWY-HI	-56.07110	10,668 m		
RAFIN	N45D	44.88330	35,000 ft	183	-
FIX	AWY-HI	-51.80470	10,668 m		
45/50	W	45.00000	35,000 ft	77	-
LATLON	NAT	-50.00000	10,668 m		
47/40	W	47.00000	35,000 ft	433	-
LATLON	NAT	-40.00000	10,668 m		
49/30	V	49.00000	35,000 ft	419	-
LATLON	NAT	-30.00000	10,668 m		
50/20	V	50.00000	35,000 ft	394	-
LATLON	NAT	-20.00000	10,668 m		
SOMAX	V	50.00000	35,000 ft	192	-
FIX	NAT	-15.00000	10,668 m		
ATSUR	V	50.00000	35,000 ft	38	-
FIX	NAT	-14.00000	10,668 m		
5000N01300W	-	50.00000	35,000 ft	38	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-13.00000	10,668 m		
5000N01200W	-	50.00000	35,000 ft	38	-
LATLON	-	-12.00000	10,668 m		
5000N01100W	-	50.00000	35,000 ft	38	-
LATLON	-	-11.00000	10,668 m		
5000N01000W	-	50.00000	35,000 ft	38	-
LATLON	-	-10.00000	10,668 m		
5000N0900W	-	50.00000	35,000 ft	38	-
LATLON	-	-9.00000	10,668 m		
GAPLI	-	50.00000	35,000 ft	38	-
FIX	-	-8.00000	10,668 m		
KOXOD	N19	50.70810	35,000 ft	183	-
FIX	AWY-HI	-3.33278	10,668 m		
BEKDA	N19	50.79690	35,000 ft	30	-
FIX	AWY-HI	-2.54583	10,668 m		
NULGU	N19	50.87140	35,000 ft	21	-
FIX	AWY-HI	-1.99417	10,668 m		
SAM	N19	50.95520	35,000 ft	25	SOUTHAMPTON
VOR	AWY-HI	-1.34506	10,668 m		
SAM	-	50.95530	35,000 ft	0	SOUTHAMPTON VOR-DME
DME	-	-1.34500	10,668 m		
ROKKE	UM140	51.07000	35,000 ft	52	-
FIX	AWY-HI	0.04500	10,668 m		
PENUX	UM140	51.10890	35,000 ft	19	-
FIX	AWY-HI	0.57000	10,668 m		
DVR	UM140	51.16260	35,000 ft	29	DOVER
VOR	AWY-HI	1.35909	10,668 m		
KONAN	UL9	51.13080	35,000 ft	24	-
FIX	AWY-HI	2.00000	10,668 m		
KOK	UL607	51.09470	35,000 ft	24	KOKSY
VOR	AWY-HI	2.65167	10,668 m		
KOK	-	51.09920	35,000 ft	0	KOKSY VORTAC
DME	-	2.65472	10,668 m		
FERDI	UL607	50.91260	35,000 ft	38	-
FIX	AWY-HI	3.63697	10,668 m		
BUPAL	UL607	50.72310	35,000 ft	38	-
FIX	AWY-HI	4.60111	10,668 m		
REMB	UL607	50.66220	35,000 ft	12	-
FIX	AWY-HI	4.91403	10,668 m		
SPI	UL607	50.51470	35,000 ft	28	SPRIMONT
VOR	AWY-HI	5.62361	10,668 m		
PELIX	UL607	50.49690	35,000 ft	5	-
FIX	AWY-HI	5.76250	10,668 m		
MATUG	UL607	50.41670	35,000 ft	23	-
FIX	AWY-HI	6.36972	10,668 m		
GUBAX	UZ660	50.29030	35,000 ft	59	-
FIX	AWY-HI	7.91120	10,668 m		
RASPU	UZ660	50.07280	35,000 ft	85	-
FIX	AWY-HI	10.09860	10,668 m		
KOMIB	UL984	50.07340	35,000 ft	5	-
FIX	AWY-HI	10.24270	10,668 m		
SULUS	UL984	50.07520	35,000 ft	18	-
FIX	AWY-HI	10.72880	10,668 m		
LONLI	UL984	50.07470	35,000 ft	19	-
FIX	AWY-HI	11.22640	10,668 m		
KULOK	UL984	50.07280	35,000 ft	15	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	11.63050	10,668 m		
ABERU	UL984	50.06920	35,000 ft	17	-
FIX	AWY-HI	12.09370	10,668 m		
OKG	UL984	50.06510	35,000 ft	12	CHEB
VOR	AWY-HI	12.40570	10,668 m		
ELMEK	L726	49.90390	35,000 ft	63	-
FIX	AWY-HI	14.02990	10,668 m		
VLM	L726	49.70430	35,000 ft	41	VLASIM
VOR	AWY-HI	15.06670	10,668 m		
OSNEK	L726	49.51320	35,000 ft	25	-
FIX	AWY-HI	15.63800	10,668 m		
BODAL	L726	49.46410	35,000 ft	6	-
FIX	AWY-HI	15.78270	10,668 m		
TUMKA	L726	49.40790	35,000 ft	7	-
FIX	AWY-HI	15.94730	10,668 m		
BITSI	L726	49.30830	35,000 ft	12	-
FIX	AWY-HI	16.23630	10,668 m		
BNO	L726	49.15010	35,000 ft	20	BRNO
VOR	AWY-HI	16.69260	10,668 m		
ESETO	T303	49.22990	35,000 ft	40	-
FIX	AWY-HI	17.71830	10,668 m		
MAKAL	T303	49.24600	35,000 ft	17	-
FIX	AWY-HI	18.16570	10,668 m		
ZLA	P27	49.20290	35,000 ft	13	ZILINA
NDB	AWY-LO	18.51040	10,668 m		
RUTKI	P27	49.17330	35,000 ft	16	-
FIX	AWY-LO	18.94010	10,668 m		
LIPMU	P27	49.12310	35,000 ft	26	-
FIX	AWY-LO	19.62310	10,668 m		
PPD	-	49.06470	35,000 ft	28	TATRY
VOR	-	20.35010	10,668 m		
MARKA	R232	48.90220	35,000 ft	16	-
FIX	AWY-LO	20.69360	10,668 m		
KSC	R232	48.68310	35,000 ft	25	KOSICE
VOR	AWY-LO	21.24820	10,668 m		
EVULA	W425	48.66420	35,000 ft	16	-
FIX	AWY-LO	21.66280	10,668 m		
SR	-	48.52110	35,000 ft	34	SEREDNIE
NDB	-	22.50890	10,668 m		
RUMUK	W425	48.02670	35,000 ft	44	-
FIX	AWY-LO	23.34330	10,668 m		
BIBOR	L623	47.26920	35,000 ft	85	-
FIX	AWY-HI	25.13920	10,668 m		
BUKUR	L623	47.12030	35,000 ft	16	-
FIX	AWY-HI	25.47860	10,668 m		
INBID	L623	46.79360	35,000 ft	35	-
FIX	AWY-HI	26.20940	10,668 m		
BCU	L623	46.51090	35,000 ft	30	BACAU
VOR	AWY-HI	26.82560	10,668 m		
TULNU	N616	46.28060	35,000 ft	15	-
FIX	AWY-HI	27.00440	10,668 m		
PELES	N616	46.21720	35,000 ft	4	-
FIX	AWY-HI	27.05330	10,668 m		
EVIKA	N616	45.61250	35,000 ft	41	-
FIX	AWY-HI	27.51390	10,668 m		
GLT	L624	45.41640	35,000 ft	21	GALATI

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	27.92780	10,668 m		
DUNAV	L624	45.12720	35,000 ft	29	-
FIX	AWY-HI	28.48190	10,668 m		
TIRVO	L624	44.99250	35,000 ft	13	-
FIX	AWY-HI	28.73640	10,668 m		
LUPUK	L624	44.41280	35,000 ft	51	-
FIX	AWY-HI	29.61280	10,668 m		
GALMI	L624	44.13330	35,000 ft	24	-
FIX	AWY-HI	30.02560	10,668 m		
ADINA	L624	43.80330	35,000 ft	28	-
FIX	AWY-HI	30.50500	10,668 m		
BANUR	L851	43.68330	35,000 ft	21	-
FIX	AWY-HI	30.96670	10,668 m		
ROMOK	L851	43.47330	35,000 ft	35	-
FIX	AWY-HI	31.72830	10,668 m		
LAGIR	L851	43.29330	35,000 ft	27	-
FIX	AWY-HI	32.31500	10,668 m		
SUGUL	L851	43.11830	35,000 ft	30	-
FIX	AWY-HI	32.97170	10,668 m		
SUMOL	M854	42.79890	35,000 ft	21	-
FIX	AWY-HI	33.18110	10,668 m		
INB	UM854	41.95140	35,000 ft	55	INEBOLU
VOR	AWY-HI	33.70630	10,668 m		
ERGUN	M854	40.74640	35,000 ft	86	-
FIX	AWY-LO	34.73890	10,668 m		
SIV	UP975	39.78970	35,000 ft	114	SIVAS
VOR	AWY-HI	36.89340	10,668 m		
NUNTU	UP975	39.57970	35,000 ft	24	-
FIX	AWY-HI	37.35970	10,668 m		
VEVEN	UP975	39.45280	35,000 ft	14	-
FIX	AWY-HI	37.63830	10,668 m		
ARPUT	UP975	38.84220	35,000 ft	70	-
FIX	AWY-HI	38.94190	10,668 m		
EZS	UP975	38.70830	35,000 ft	15	ELAZIG
VOR	AWY-HI	39.22410	10,668 m		
DYB	UP975	37.87340	35,000 ft	68	DIYARBAKIR
VOR	AWY-HI	40.20820	10,668 m		
LEKRO	UP975	37.27740	35,000 ft	51	-
FIX	AWY-HI	40.97150	10,668 m		
LESRI	UP975	37.07220	35,000 ft	17	-
FIX	AWY-HI	41.23030	10,668 m		
SIDNA	UP975	36.56610	35,000 ft	37	-
FIX	AWY-HI	41.68310	10,668 m		
TUBEN	UP975	35.29000	35,000 ft	97	-
FIX	AWY-HI	42.90940	10,668 m		
MUTAG	UP975	34.50080	35,000 ft	59	-
FIX	AWY-HI	43.64280	10,668 m		
SOGUM	UP975	34.20330	35,000 ft	22	-
FIX	AWY-HI	43.91500	10,668 m		
PUTSI	UP975	33.53330	35,000 ft	53	-
FIX	AWY-HI	44.61670	10,668 m		
SINKA	UP975	33.36030	35,000 ft	13	-
FIX	AWY-HI	44.79810	10,668 m		
NOLDO	UP975	32.82560	35,000 ft	42	-
FIX	AWY-HI	45.35810	10,668 m		
KATUT	P975	32.62690	35,000 ft	16	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	45.57750	10,668 m		
DENKI	P975	32.37440	35,000 ft	20	-
FIX	AWY-HI	45.85610	10,668 m		
ILMAP	P975	31.35920	35,000 ft	82	-
FIX	AWY-HI	46.95060	10,668 m		
PEBAD	P975	30.83970	35,000 ft	42	-
FIX	AWY-HI	47.49940	10,668 m		
SIDAD	P975	29.87530	35,000 ft	77	-
FIX	AWY-HI	48.49560	10,668 m		
DESLU	R784	29.46670	35,000 ft	37	-
FIX	AWY-HI	49.03060	10,668 m		
NANPI	R784	29.08250	35,000 ft	34	-
FIX	AWY-HI	49.53250	10,668 m		
ALNIN	R784	28.55170	35,000 ft	46	-
FIX	AWY-HI	50.17670	10,668 m		
IMDAT	R784	27.68330	35,000 ft	74	-
FIX	AWY-HI	51.18330	10,668 m		
DURSI	B416	27.20530	35,000 ft	53	-
FIX	AWY-HI	52.02890	10,668 m		
PEGET	B416	27.07610	35,000 ft	14	-
FIX	AWY-HI	52.25420	10,668 m		
EGMIT	B416	26.56110	30,800 ft	56	-
FIX	AWY-HI	53.14030	9,388 m		
LEVNA	B416	26.25970	23,800 ft	32	-
FIX	AWY-HI	53.64920	7,254 m		
ORSAR	B416	26.07500	19,500 ft	20	-
FIX	AWY-HI	53.95830	5,944 m		
OMDB	-	25.25110	0 ft	91	Dubai Intl
APT	-	55.37110	0 m		

## KMIA

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 4

Elevation: 11 ft / 3 m  
Location: 25.796200 -80.289700  
Magnetic Var: 7.280 W

## METAR

KMIA 041153Z 01006KT 10SM FEW030 FEW100 FEW250 26/20 A2992 RMK A02 SLP133 T02610200 10261 20239 51014

## TAF

TAF KMIA 041120Z 0412/0518 VRB06KT P6SM FEW030 FEW250 FM041500 08008KT P6SM VCSH SCT030 BKN050 FM041700 09010KT P

## 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	274.67		84 m	114 m
08R	200 ft	10,515 ft	87.38	CONCRETE	0 ft	407 ft
	61 m	3,205 m	94.66		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

## OMDB

Region: UNITED ARAB EMIRATES  
Timezone: ASIA/DUBAI  
Runways: 2

Elevation: 62 ft / 19 m  
Location: 25.251100 55.371100  
Magnetic Var: 2.356 E

## METAR

OMDB 041200Z 32011KT 290V350 CAVOK 36/26 Q1001 NOSIG

## TAF

TAF OMDB 041100Z 0412/0518 32012KT 8000 NSC BECMG 0416/0418 VRB02KT BECMG 0503/0505 19015KT PROB30 0505/0508 4000

## Frequencies

REC - 126.27 MHz - ATIS ARRIVAL	REC - 131.70 MHz - ATIS DEPARTURE
TWR - 126.77 MHz - DUBAI TOWER	TWR - 119.55 MHz - DUBAI TOWER
TWR - 118.75 MHz - DUBAI TOWER	TWR - 119.05 MHz - DUBAI TOWER
GND - 118.35 MHz - DUBAI GROUND	GND - 118.85 MHz - DUBAI GROUND
GND - 121.65 MHz - DUBAI GROUND	CLD - 120.35 MHz - CLEARANCE DELIVERY
APP - 122.50 MHz - MINHAD APPROACH	APP - 126.02 MHz - MINHAD APPROACH
APP - 120.25 MHz - DUBAI ARRIVAL	APP - 124.45 MHz - DUBAI ARRIVAL
APP - 124.90 MHz - DUBAI ARRIVAL	DEP - 126.02 MHz - DUBAI DEPARTURE
DEP - 121.02 MHz - DUBAI DEPARTURE	DEP - 126.20 MHz - DUBAI DEPARTURE
DEP - 120.25 MHz - DUBAI DEPARTURE	APP - 120.40 MHz - DUBAI RADAR
APP - 126.02 MHz - DUBAI RADAR	APP - 127.90 MHz - DUBAI DIRECT

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12R	200 ft	14,604 ft	121.53	ASPHALT	2,352 ft	771 ft
	61 m	4,452 m	119.17		717 m	235 m
30L	200 ft	14,604 ft	301.54	ASPHALT	436 ft	0 ft
	61 m	4,452 m	299.19		133 m	0 m
12L	200 ft	14,289 ft	121.48	ASPHALT	1,496 ft	381 ft
	61 m	4,355 m	119.13		456 m	116 m
30R	200 ft	14,289 ft	301.50	ASPHALT	991 ft	377 ft
	61 m	4,355 m	299.14		302 m	115 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	DME	IDBL	110.10 MHz	18 nm	-	-	62 ft
				33 km	-		62 m
30L	DME	IDBW	111.30 MHz	18 nm	-	-	41 ft
				33 km	-		41 m
30R	DME	IDBR	110.90 MHz	18 nm	-	-	44 ft
				33 km	-		44 m
12L	LOC-ILS	IDBL	110.10 MHz	18 nm	121.49	-	62 ft
				33 km	119.13		62 m
12R	LOC-ILS	IDBE	109.50 MHz	18 nm	121.54	-	62 ft
				33 km	119.18		62 m
30L	LOC-ILS	IDBW	111.30 MHz	18 nm	301.54	-	62 ft
				33 km	299.18		62 m
30R	LOC-ILS	IDBR	110.90 MHz	18 nm	301.49	-	62 ft
				33 km	299.13		62 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	GS	IDBL	110.10 MHz	10 nm	121.49	3.00	62 ft
				19 km	119.13		62 m
12R	GS	IDBE	109.50 MHz	10 nm	121.54	3.00	62 ft
				19 km	119.18		62 m
30L	GS	IDBW	111.30 MHz	10 nm	301.54	3.00	62 ft
				19 km	299.18		62 m
30R	GS	IDBR	110.90 MHz	10 nm	301.49	3.00	62 ft
				19 km	299.13		62 m