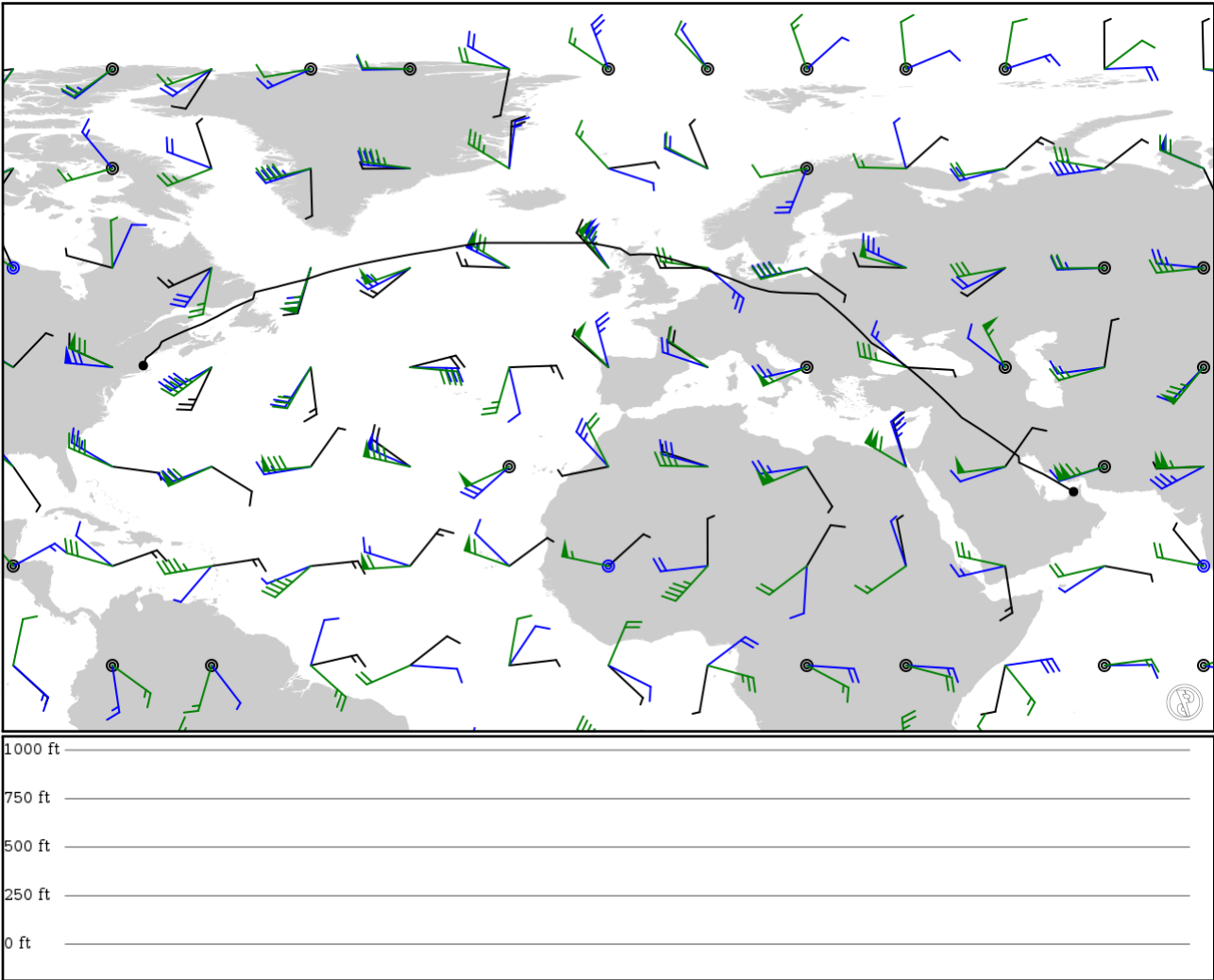


2024/06/04 0815Z

OMDB ORSAR **B416** KUA TASMI DRZ RAKUR GLT KOTEK KELOD TUVAK BKD DENOG VADNO RUGID STN **UN591** NINEX
BALIX 5913N 5916N 5919N 5922N 5925N 5831N 5737N 5642N 5546N 5449N 5353N YMH AY NAPLO 4961N 4863N
F9 MLT BGR BRNNS ENE KBOS
5958.15 nm / 11034.50 km



Notes

Requested: OMDB NADIL ORSAR B416 KUA TASMI UL602 GEPAP 3541E DRZ UM861 RAKUR 4430E LUPUK TIRVO GLT P746 KOTEK TAS T
Unmatched points: NADIL UL602 GEPAP 3541E UM861 4430E LUPUK TIRVO P746 TKS Y209 UL619 H5828 H5734 H5640 H5544 H535

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
OMDB	-	25.25491	0 ft	-	DUBAI INTL
APT	-	55.36426	0 m		
ORSAR	-	26.07500	0 ft	90	-
FIX	-	53.95833	0 m		
EGMID	B416	26.60417	0 ft	57	-
FIX	AWY-HI	53.06694	0 m		
DURSI	B416	27.20528	0 ft	66	-
FIX	AWY-HI	52.02889	0 m		
IMDAT	B416	27.68333	0 ft	53	-
FIX	AWY-LO	51.18333	0 m		
KUVER	B416	28.15667	0 ft	64	-
FIX	AWY-HI	50.10000	0 m		
TESSO	B416	28.48111	0 ft	39	-
FIX	AWY-LO	49.45639	0 m		
AMBIK	B416	28.53944	0 ft	7	-
FIX	AWY-LO	49.34028	0 m		
IMDOX	B416	28.58194	0 ft	5	-
FIX	AWY-LO	49.24389	0 m		
DARVA	B416	28.80389	0 ft	27	-
FIX	AWY-LO	48.79278	0 m		
KUA	B416	29.21841	0 ft	49	KUWAIT VOR-DME
VOR	AWY-LO	47.96757	0 m		
TASMI	-	30.02222	0 ft	48	-
FIX	-	47.91806	0 m		
DRZ	-	35.28921	0 ft	502	DEIR ZZOR NDB
NDB	-	40.18742	0 m		
RAKUR	-	42.80000	0 ft	591	-
FIX	-	31.94833	0 m		
GLT	-	45.41633	0 ft	233	GALATI VOR-DME
VOR	-	27.92774	0 m		
KOTEK	-	52.06750	0 ft	492	-
FIX	-	20.61694	0 m		
KELOD	-	52.23389	0 ft	174	-
FIX	-	15.88333	0 m		
TUVAK	-	52.39972	0 ft	67	-
FIX	-	14.07083	0 m		
BKD	-	53.03453	0 ft	99	BRUNKENDORF VOR-DME
VOR	-	11.54622	0 m		
DENOG	-	57.43139	0 ft	525	-
FIX	-	-1.75444	0 m		
VADNO	-	57.45306	0 ft	60	-
FIX	-	-3.62722	0 m		
RUGID	-	57.36917	0 ft	41	-
FIX	-	-4.89861	0 m		
STN	-	58.20694	0 ft	64	STORNOWAY VOR-DME
VOR	-	-6.18306	0 m		
NINEX	UN591	58.85556	0 ft	111	-
FIX	AWY-HI	-9.50000	0 m		
BALIX	-	59.00000	0 ft	17	-
FIX	-	-10.00000	0 m		
5913N	-	59.00000	0 ft	92	-
LATLON	-	-13.00000	0 m		
5916N	-	59.00000	0 ft	92	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-16.00000	0 m		
5919N	-	59.00000	0 ft	92	-
LATLON	-	-19.00000	0 m		
5922N	-	59.00000	0 ft	92	-
LATLON	-	-22.00000	0 m		
5925N	-	59.00000	0 ft	92	-
LATLON	-	-25.00000	0 m		
5831N	-	58.00000	0 ft	197	-
LATLON	-	-31.00000	0 m		
5737N	-	57.00000	0 ft	202	-
LATLON	-	-37.00000	0 m		
5642N	-	56.00000	0 ft	176	-
LATLON	-	-42.00000	0 m		
5546N	-	55.00000	0 ft	148	-
LATLON	-	-46.00000	0 m		
5449N	-	54.00000	0 ft	120	-
LATLON	-	-49.00000	0 m		
5353N	-	53.00000	0 ft	154	-
LATLON	-	-53.00000	0 m		
YMH	-	52.31528	0 ft	111	MARY'S HARBOUR NDB
NDB	-	-55.83222	0 m		
AY	-	51.38639	0 ft	56	ST ANTHONY NDB
NDB	-	-56.09639	0 m		
NAPLO	-	50.22722	0 ft	122	-
FIX	-	-58.76528	0 m		
4961N	-	49.00000	0 ft	113	-
LATLON	-	-61.00000	0 m		
4863N	-	48.00000	0 ft	99	-
LATLON	-	-63.00000	0 m		
F9	-	47.01000	0 ft	116	MIRAMICHI NDB
NDB	-	-65.46750	0 m		
MLT	-	45.58672	0 ft	152	MILLINOCKET VOR-DME
VOR	-	-68.51547	0 m		
BGR	-	44.84181	0 ft	47	BANGOR VORTAC
VOR	-	-68.87397	0 m		
BRNNS	-	43.90240	0 ft	72	-
FIX	-	-69.94522	0 m		
ENE	-	43.42567	0 ft	40	KENNEBUNK VORTAC
VOR	-	-70.61353	0 m		
KBOS	-	42.36306	0 ft	66	Boston Logan Intl
APT	-	-71.00696	0 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 040800Z 31012KT 270V340 CAVOK 36/26 Q1003 NOSIG

TAF

TAF OMDB 032300Z 0400/0506 VRB02KT 8000 NSC PROB30 0401/0404 4000 HZ BKN008 BECMG 0403/0405 19010KT BECMG 0408/0410 31012KT 270V340 CAVOK

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

KBOS

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 6

Elevation: 19 ft / 6 m
Location: 42.363000 -71.006800
Magnetic Var: 14.283 W

METAR

KBOS 040654Z 09004KT 10SM FEW100 14/13 A3002 RMK A02 SLP164 T01390128

TAF

TAF KBOS 040535Z 0406/0512 10006KT P6SM SCT100 FM041400 09010KT P6SM SCT250 FM050000 16007KT P6SM BKN250 FM050300

Frequencies

REC - 135.00 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 121.65 MHz - CLEARANCE DELIVERY	GND - 121.75 MHz - BOSTON GROUND
GND - 121.90 MHz - BOSTON GROUND	TWR - 128.80 MHz - BOSTON TOWER
TWR - 124.72 MHz - BOSTON TOWER	TWR - 132.22 MHz - BOSTON TOWER
APP - 118.25 MHz - BOSTON APPROACH	APP - 120.60 MHz - BOSTON APPROACH
APP - 127.20 MHz - BOSTON APPROACH	DEP - 133.00 MHz - BOSTON DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15R	148 ft	10,092 ft	135.27	ASPHALT	883 ft	197 ft
	45 m	3,076 m	149.55		269 m	60 m
33L	148 ft	10,092 ft	315.29	ASPHALT	0 ft	167 ft
	45 m	3,076 m	329.57		0 m	51 m
04R	148 ft	10,012 ft	19.69	ASPHALT	1,155 ft	420 ft
	45 m	3,052 m	33.97		352 m	128 m
22L	148 ft	10,012 ft	199.69	ASPHALT	1,201 ft	200 ft
	45 m	3,052 m	213.98		366 m	61 m
04L	148 ft	7,871 ft	19.66	ASPHALT	0 ft	1,250 ft
	45 m	2,399 m	33.94		0 m	381 m
22R	148 ft	7,871 ft	199.66	ASPHALT	820 ft	200 ft
	45 m	2,399 m	213.94		250 m	61 m
09	148 ft	7,008 ft	76.51	ASPHALT	0 ft	932 ft
	45 m	2,136 m	90.79		0 m	284 m
27	148 ft	7,008 ft	256.53	ASPHALT	0 ft	161 ft
	45 m	2,136 m	270.81		0 m	49 m
14	98 ft	5,005 ft	125.76	ASPHALT	0 ft	0 ft
	30 m	1,526 m	140.04		0 m	0 m
32	98 ft	5,005 ft	305.77	ASPHALT	0 ft	801 ft
	30 m	1,526 m	320.05		0 m	244 m
15L	98 ft	2,558 ft	135.31	ASPHALT	0 ft	305 ft
	30 m	780 m	149.59		0 m	93 m
33R	98 ft	2,558 ft	315.31	ASPHALT	0 ft	59 ft
	30 m	780 m	329.59		0 m	18 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04R	DME	IBOS	110.30 MHz	18 nm	-	-	35 ft
				33 km	-		35 m
15R	DME	IMDC	110.70 MHz	18 nm	-	-	27 ft
				33 km	-		27 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22L	DME	ILQN	110.30 MHz	18 nm 33 km	- -	-	35 ft 35 m
27	DME	IDGU	111.30 MHz	18 nm 33 km	- -	-	28 ft 28 m
33L	DME	ILIP	110.70 MHz	18 nm 33 km	- -	-	19 ft 19 m
04R	LOC-ILS	IBOS	110.30 MHz	18 nm 33 km	19.68 33.96	-	20 ft 20 m
15R	LOC-ILS	IMDC	110.70 MHz	18 nm 33 km	135.28 149.56	-	20 ft 20 m
22L	LOC-ILS	ILQN	110.30 MHz	18 nm 33 km	199.68 213.96	-	20 ft 20 m
27	LOC-ILS	IDGU	111.30 MHz	18 nm 33 km	256.52 270.80	-	20 ft 20 m
33L	LOC-ILS	ILIP	110.70 MHz	18 nm 33 km	315.28 329.56	-	20 ft 20 m
04R	GS	IBOS	110.30 MHz	10 nm 19 km	19.68 33.96	3.00	20 ft 20 m
15R	GS	IMDC	110.70 MHz	10 nm 19 km	135.28 149.56	3.00	20 ft 20 m
22L	GS	ILQN	110.30 MHz	10 nm 19 km	199.68 213.96	3.00	20 ft 20 m
27	GS	IDGU	111.30 MHz	10 nm 19 km	256.52 270.80	3.00	20 ft 20 m
33L	GS	ILIP	110.70 MHz	10 nm 19 km	315.28 329.56	3.00	20 ft 20 m