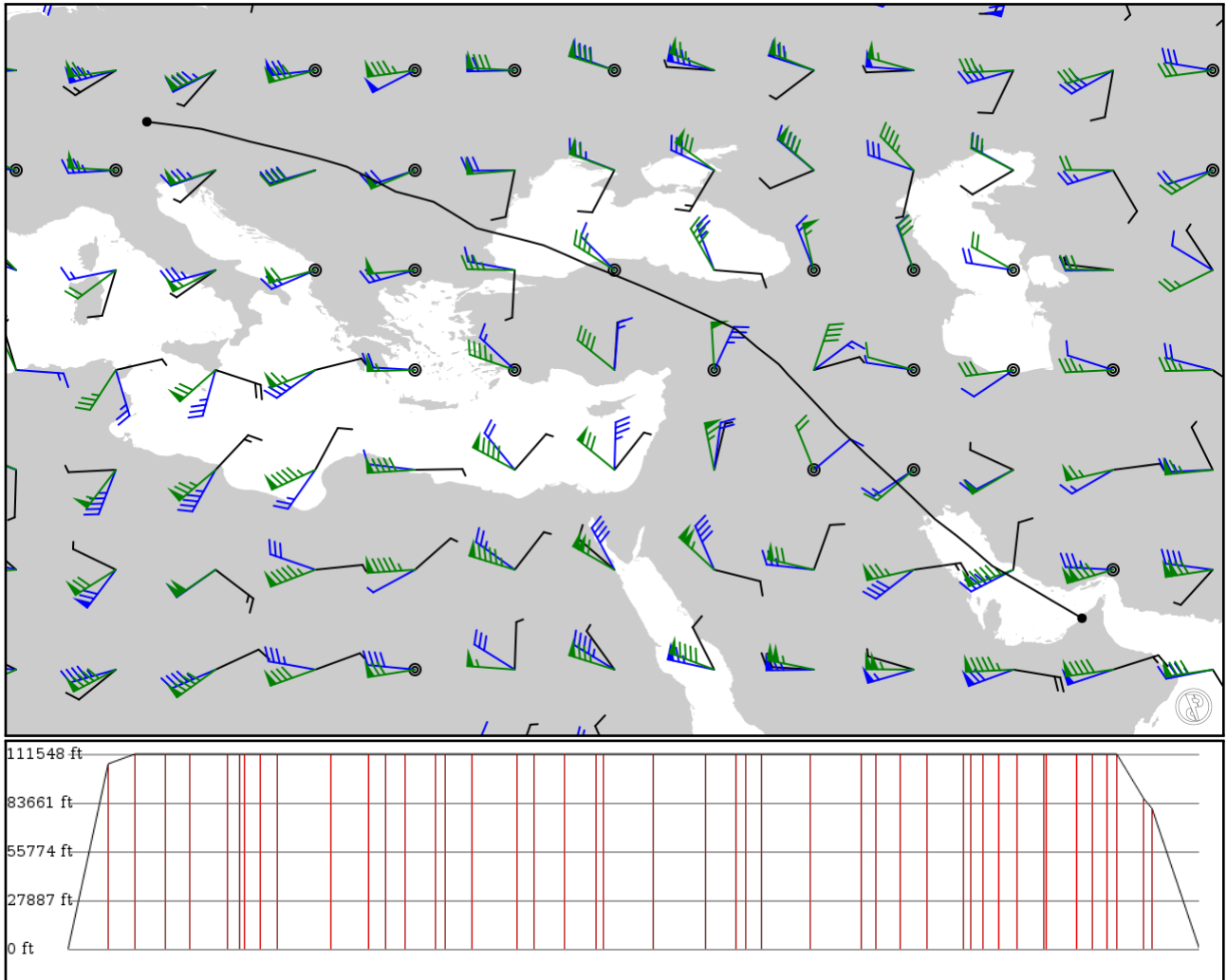


2024/05/15 0644Z

OMDB ORSAR **B416** IMDAT **R784** SIDAD **UP975** SUMEN **UL602** TUSET **UL5** LAMIT **UL605** ALMER EDDM

2491.05 nm / 4613.43 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 38000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
OMDB APT	-	25.25491 55.36426	0 ft 0 m	-	DUBAI INTL
ORSAR FIX	-	26.07500 53.95833	32,300 ft 9,845 m	90	-
EGMID FIX	B416 AWY-HI	26.60417 53.06694	34,000 ft 10,363 m	57	-
DURSI FIX	B416 AWY-HI	27.20528 52.02889	34,000 ft 10,363 m	66	-
IMDAT FIX	B416 AWY-HI	27.68333 51.18333	34,000 ft 10,363 m	53	-
ALNIN FIX	R784 AWY-HI	28.67861 50.02722	34,000 ft 10,363 m	85	-
OBMOR FIX	R784 AWY-HI	28.97056 49.67000	34,000 ft 10,363 m	25	-
NANPI FIX	R784 AWY-HI	29.08250 49.53250	34,000 ft 10,363 m	9	-
DESLU FIX	R784 AWY-HI	29.46667 49.03056	34,000 ft 10,363 m	34	-
SIDAD FIX	R784 AWY-HI	29.87528 48.49556	34,000 ft 10,363 m	37	-
ILMAP FIX	UP975 AWY-HI	31.35917 46.95056	34,000 ft 10,363 m	119	-
DENKI FIX	UP975 AWY-HI	32.37457 45.85599	34,000 ft 10,363 m	82	-
NOLDO FIX	UP975 AWY-HI	32.82567 45.35817	34,000 ft 10,363 m	36	-
ETBOM FIX	UP975 AWY-HI	33.36048 44.79793	34,000 ft 10,363 m	42	-
SOGUM FIX	UP975 AWY-HI	34.20333 43.91500	34,000 ft 10,363 m	67	-
LOPAS FIX	UP975 AWY-HI	34.50096 43.64288	34,000 ft 10,363 m	22	-
GETID FIX	UP975 AWY-HI	35.26406 42.93303	34,000 ft 10,363 m	57	-
KANOK FIX	UP975 AWY-HI	36.56515 41.68316	34,000 ft 10,363 m	99	-
LESRI FIX	UP975 AWY-HI	37.07222 41.23028	34,000 ft 10,363 m	37	-
DYB NDB	UP975 AWY-HI	37.87083 40.20861	34,000 ft 10,363 m	68	DIYARBAKIR NDB
EZS VOR	UP975 AWY-HI	38.70694 39.22444	34,000 ft 10,363 m	68	ELAZIG VOR-DME
ARPUT FIX	UP975 AWY-HI	38.84556 38.94056	34,000 ft 10,363 m	15	-
SIV NDB	UP975 AWY-HI	39.78944 36.89333	34,000 ft 10,363 m	110	SIVAS NDB
ERGUN FIX	UP975 AWY-HI	40.74639 34.73889	34,000 ft 10,363 m	114	-
ORMAN FIX	UP975 AWY-HI	41.29056 33.41194	34,000 ft 10,363 m	68	-
TEPKI FIX	UP975 AWY-HI	41.45333 32.99278	34,000 ft 10,363 m	21	-
HAKAN	UP975	41.72333	34,000 ft	35	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	32.29833	10,363 m		
ODERO	UP975	42.61056	34,000 ft	105	-
FIX	AWY-HI	30.26444	10,363 m		
WRN	UP975	43.23139	34,000 ft	113	VARNA VOR-DME
VOR	AWY-HI	27.81722	10,363 m		
SUMEN	UP975	43.40333	34,000 ft	30	-
FIX	AWY-HI	27.15333	10,363 m		
KOMAN	UL602	43.98333	34,000 ft	53	-
FIX	AWY-HI	26.21667	10,363 m		
TUSET	UL602	44.62686	34,000 ft	59	-
FIX	AWY-HI	25.14958	10,363 m		
LAMIT	UL5	45.10398	34,000 ft	80	-
FIX	AWY-HI	23.37477	10,363 m		
IDELO	UL605	45.26025	34,000 ft	15	-
FIX	AWY-HI	23.07903	10,363 m		
NEKUL	UL605	45.51679	34,000 ft	25	-
FIX	AWY-HI	22.58677	10,363 m		
PERUT	UL605	45.85966	34,000 ft	34	-
FIX	AWY-HI	21.91520	10,363 m		
TEGRI	UL605	46.26279	34,000 ft	41	-
FIX	AWY-HI	21.10454	10,363 m		
BOKSI	UL605	46.63531	34,000 ft	57	-
FIX	AWY-HI	19.83076	10,363 m		
BUG	UL605	46.67765	34,000 ft	6	BUGAC VOR-DME
VOR	AWY-HI	19.68173	10,363 m		
GITAS	UL605	47.05479	34,000 ft	65	-
FIX	AWY-HI	18.17415	10,363 m		
SIRDU	UL605	47.25383	34,000 ft	36	-
FIX	AWY-HI	17.33093	10,363 m		
STEIN	UL605	47.42750	34,000 ft	31	-
FIX	AWY-HI	16.59972	10,363 m		
DIVAL	UL605	47.55491	34,000 ft	20	-
FIX	AWY-HI	16.12964	10,363 m		
GAMLI	UL605	47.90667	26,300 ft	58	-
FIX	AWY-HI	14.77889	8,016 m		
ALMER	UL605	48.01850	24,500 ft	19	-
FIX	AWY-HI	14.33218	7,468 m		
EDDM	-	48.35379	0 ft	103	Muenchen Franz-Josef Strauss
APT	-	11.78612	0 m		

OMDB

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

Elevation: 62 ft / 19 m
Location: 25.251100 55.371100
Magnetic Var: 2.353 E

METAR

OMDB 150600Z 20013KT 170V230 CAVOK 37/13 Q1009 NOSIG

TAF

TAF OMDB 150500Z 1506/1612 17013KT CAVOK BECMG 1507/1509 24007KT BECMG 1510/1512 33014KT BECMG 1514/1516 04010KT

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	299.15		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	119.14		62 m
12R	LOC-ILS	IDBE	109.50 MHz	18 nm	121.54	-	62 ft
				33 km	119.19		62 m
30L	LOC-ILS	IDBW	111.30 MHz	18 nm	301.54	-	62 ft
				33 km	299.19		62 m
30R	LOC-ILS	IDBR	110.90 MHz	18 nm	301.49	-	62 ft
				33 km	299.14		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	119.14		62 m
12R	GS	IDBE	109.50 MHz	10 nm	121.54	3.00	62 ft
				19 km	119.19		62 m
30L	GS	IDBW	111.30 MHz	10 nm	301.54	3.00	62 ft
				19 km	299.19		62 m
30R	GS	IDBR	110.90 MHz	10 nm	301.49	3.00	62 ft
				19 km	299.14		62 m

EDDM

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 2

Elevation: 1,484 ft / 452 m
Location: 48.353800 11.786100
Magnetic Var: 3.942 E

METAR

EDDM 150620Z AUTO 09008KT CAVOK 14/08 Q1006 NOSIG

TAF

TAF EDDM 150500Z 1506/1612 07005KT CAVOK BECMG 1509/1510 09012KT BECMG 1519/1521 VRB03KT BECMG 1609/1610 07010KT

Frequencies

REC - 123.12 MHz - MUENCHEN ATIS	COM - 122.80 MHz - MUENCHEN UNICOM
CLD - 121.72 MHz - MUENCHEN DELIVERY	GND - 121.97 MHz - MUENCHEN GROUND NORTH
GND - 121.82 MHz - MUENCHEN GROUND SOUTH	GND - 121.77 MHz - MUENCHEN APRON 1
GND - 121.70 MHz - MUENCHEN APRON 2	GND - 121.92 MHz - MUENCHEN APRON 3
TWR - 120.50 MHz - MUENCHEN TOWER SOUTH	TWR - 118.70 MHz - MUENCHEN TOWER NORTH
APP - 123.90 MHz - MUENCHEN RADAR NORTH	APP - 127.95 MHz - MUENCHEN RADAR SOUTH
APP - 128.25 MHz - MUENCHEN ARRIVAL NORTH	APP - 120.77 MHz - MUENCHEN ARRIVAL SOUTH
APP - 118.82 MHz - MUENCHEN DIRECTOR NORTH	APP - 132.30 MHz - MUENCHEN DIRECTOR SOUTH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	197 ft	13,135 ft	83.39	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.45		0 m	0 m
26R	197 ft	13,135 ft	263.43	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.49		0 m	0 m
08R	197 ft	13,135 ft	83.37	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.43		0 m	0 m
26L	197 ft	13,135 ft	263.41	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.47		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	LOC-ILS	IMNE	109.50 MHz	18 nm	83.41	-	1,484 ft
				33 km	79.47		1,484 m
08R	LOC-ILS	IMSE	109.30 MHz	18 nm	83.39	-	1,484 ft
				33 km	79.45		1,484 m
26L	LOC-ILS	IMSW	108.30 MHz	18 nm	263.39	-	1,484 ft
				33 km	259.45		1,484 m
26R	LOC-ILS	IMNW	108.70 MHz	18 nm	263.41	-	1,484 ft
				33 km	259.47		1,484 m
08L	GS	IMNE	109.50 MHz	10 nm	83.41	3.00	1,484 ft
				19 km	79.47		1,484 m
08R	GS	IMSE	109.30 MHz	10 nm	83.39	3.00	1,484 ft
				19 km	79.45		1,484 m
26L	GS	IMSW	108.30 MHz	10 nm	263.39	3.00	1,484 ft
				19 km	259.45		1,484 m
26R	GS	IMNW	108.70 MHz	10 nm	263.41	3.00	1,484 ft
				19 km	259.47		1,484 m