



Call sign	Freq	Position
U.A.E. Center (FL265+)	119.325	OMAE_CTR
U.A.E. Holding Center	120.900	OMAE_H_CTR
Dubai Arrival South	124.900	OMDB_S_APP
Dubai Arrival North	124.450	OMDB_N_APP
Dubai Director	127.900	OMDB_F_APP
Dubai Departures	126.200	OMDB_N_DEP
Dubai Departures	121.025	OMDB_S_DEP
Dubai Tower	118.750	OMDB_N_TWR
Dubai Tower	119.550	OMDB_S_TWR
Dubai Ground	121.650	OMDB_S_GND
Dubai Ground	118.350	OMDB_N_GND
Dubai Delivery	120.350	OMDB_DEL

	LEVELS
TL	FL 150
TA	13000 ft
WEST	Even FL
EAST	Odd FL

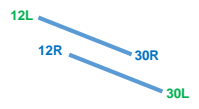
DESTINATION	SSR Code
International	0501 - 0577
ACC/APP	6201 - 6277
Domestic	6101 - 6177
VFR / Local	6001 - 6077
Military	0601 - 0677

STAR	30R/L	12R/L	ATC
DATOB	3C/4D	1E	South 124.900
IMPED	3C	3B/E	North 124.450
LORID	3C/4D	1E	South 124.900
PUVAL	5C/2D	5B/2E	North 124.450
VUTEB	3C/3D	3B/E	North 124.450

RWY	30L	30R	12L	12R
ILS	111.3	110.9	110.1	109.5
TRK	299°	299°	119°	119°
IF FIX	SEDPO	SEDPO	UKRIM	PEDOV
ILS ALT	2000ft	2000ft	2000ft	3000'

# OMDB

DXB : Dubai International



Pref Departing	30R / 12R	Pref Landing	30L / 12L	
SID	30R/L	12R/L	Int Clb	ATC
ANVIX	6F	5G	4000'	South 121.025
DAVMO	3F	3G	4000'	North 126.200
EMERU	1F	1G	4000'	North 126.200
ITOTU	1F	N/A	4000'	North 126.200
GETID	1F	1G	4000'	North 126.200
KUTLI	3F	3G	4000'	South 121.025
MIROT	2F	2G	4000'	South 121.025
NABIX	2F	2G	4000'	South 121.025
RIDAP	1F	2G	4000'	South 121.025
SENPA	1F	2G	4000'	South 121.025

**supplementary Information:**

DATOB 3D // VUTEB 2D/E // IMPED 2B // PUVAL 1D/1E arrival only on ATC discretion!

### preferred STAR

RW	direction	STAR	ATC
30 L/R	NW	VUTEB 2C	North 124.450
30 L/R	E	IMPED 2C	North 124.450
30 L/R	S	LORID 2D	South 124.900
12L/R	NW	VUTEB 2B	North 124.450
12 L/R	E	IMPED 2E	North 124.450
12L/R	S	LORID 2B	South 124.900

## OMNI Departures 12/30

RW	Climb	Pdg min	TRK	ATC
30 L/R	4000ft	5%	270°-310°	S_DEP 126.200
30 L/R	4000ft	5%	310°-350°	N_DEP 121.025
12 L/R	4000ft	5%	160°-130°	S_DEP 126.200
12 L/R	4000ft	5%	130°-090°	N_DEP 121.025

### ATC Clearance:

After departure fly Heading....DEG Climb to ..... feet.

### supplementary Information:

minimum climb gradient 5% to 8000ft (300ft per NM)

*Procedures design after passing 2000ft:*

**RW12 L/R 3,3%      RW30 L/R 5 %**

Aircraft shall climb straight ahead to 1000ft then turn to assigned HDG-

**ATTN: NO TURN before the end of the runway!!**

### ACC Holdings

HOLDS	TRK	TURNS	LEVELS	ATC
KIVUS	109°	LEFT	10000-FL250	H_CTR 120.900
VUTEB	107°	RIGHT	10000-FL250	H_CTR 120.900
ITLAP	204°	LEFT	10000-FL180	H_CTR 120.900
IMPED	298°	RIGHT	10000-FL180	H_CTR 120.900

### Downwind Holdings

HOLD RWY	TRK/Vm ax	TRN/T	LEVELS	ATC
VELAR // 30L/R	120° / 1min	LEFT/1min	4000 – 6000ft	North 124.450
TUKAK // 30L/R	120° / 1min	LEFT/1min	4000 – 6000ft	South 124.900
SOGAP // 12L/R	299° / 210kts	RIGHT/1min	4000 – 6000ft	North 124.450
SOLIL // 12L/R	299° / 210kts	LEFT/1min	4000 – 6000ft	South 124.450





Call sign	Freq	Position
U.A.E. Center (FL265+)	119.325	OMAE_CTR
Abu Dhabi Radar Central	124.400	OMAA_APP
Abu Dhabi Radar East	133.550	OMAA_E_APP
Abu Dhabi Director North	118.425	OMAA_FN_APP
Abu Dhabi Director South	118.000	OMAA_FS_APP
Abu Dhabi Tower	119.200	OMAA_S_TWR
Abu Dhabi Tower	118.675	OMAA_N_TWR
Abu Dhabi Ground	123.975	OMAA_S_GND
Abu Dhabi Ground	121.950	OMAA_N_GND

	LEVELS
TL	FL 150
TA	13000 ft
WEST	Even FL
EAST	Odd FL

DESTINATION	SSR Code
International	1701 - 1777
ACC/APP	6201 - 6277
Domestic	6101 - 6177
VFR / Local	6001 - 6077
Military	0601 - 0677

**ACC Holdings**

HOLDS	TRK	TURNS	ATC
ALNEV	117°	RIGHT	L_CTR 120,900
ROVOS	280	RIGHT	L_CTR 120,900

**NOTES:**

# OMAA

AUH : Abu Dhabi International



SID	31L	13R	Init Clb	31R	13L	Init Clb
ATUDO	3K	4G	5000ft	3P	4F	4000ft
BOSEV	1K	1G	5000ft	1P	1F	4000ft
DAXIB	1K	1G	5000ft	1P	1F	4000ft
KANIP	3K/1U	3G	5000ft	3P	3F	4000ft
LORID	1K	1G	5000ft	1P	1F	4000ft
MEKRI	2K	1G	5000ft	1P	1F	4000ft
ORNEL	1K	1G	5000ft	1P	1F	4000ft
TULON	1K	1G	5000ft	1P	1F	4000ft

**Downwind Holdings**

HOLD RWY	TRK/Vmax	TRN/T	LEVELS	ATC
ORGAD // 31L/R	115° / 230kts	LEFT/1min	13000 - 6000ft	North 124.425
LOXIX // 31L/R	126° / 210kts	LEFT/1min	4000 - 6000ft	North 124.425
GEXOD // 31L/R	287° / N/A	LEFT/1min	13000 - 6000ft	North 124.450
TAPTO // 31L/R	126° / 210kts	LEFT/1min	4000 - 6000ft	South 124.450
REXIG // 31L/R	295° / N/A	RIGHT/1min	13000 - 6000ft	South 124.450
OVOLA // 12L/R	306° / 230kts	RIGHT/1min	13000 - 6000ft	North 124.425
PAXIK // 12L/R	306° / 230kts	LEFT/1min	13000 - 6000ft	South 124.450
GEXOD // 12L/R	287° / N/A	LEFT/1min	13000 - 6000ft	North 124.450
REXIG // 12L/R	295° / N/A	RIGHT/1min	13000 - 6000ft	South 124.450

RWY	31L	31R	13L	13R
ILS	109.3	108.75	110.3	109.15
TRK	306°	306°	126°	126°
FAP FIX ILS ALT	EMOSU 3000ft	LOSOV 2000ft	RESIG 2000ft	SOKOV 3000ft

FSX Default scenery has runway 31/13 only - This is same as 31L/13R

STAR	31L	31R	13L	13R
ATUDO	2C/4D		2A/4B	
ELOVU	2C/1D		3A/2B	
EMERU	3C/2D		2A/1B	
GIDOB	2C/3J/1D/2M		3A/2B	
NOBTO	5C/5D/3J		6A/2H/5B	
ROVOS	6C/5D/3J		5A/3H	
UKILI	3C/2D/2J		2A/1B	

**preferred STAR**

RW	direction	STAR	ATC
31 L/R	NW	GIDOB 2C	North 118.425
31 L/R	NW	UKILI 2C	South 118.000
31L/R	SE	NOBTO 5C	South 118.000
31 L/R	NE	ROVOS 5C	North 118.425
31 L/R	N	EMERU 2C	North 118.425
31 L/R	S	ATUDO 2C	South 118.000
13/LR	NW	GIDOB 2A	North 118.425
13 L/R	NW	UKILI 2A	South 118.000
13 L/R	SE	NOBTO 5A	South 118.000
13 L/R	NE	ROVOS 5A	North 118.425
13 L/R	N	EMERU 2C	North 118.425
13 L/R	S	ATUDO 2C	South 118.000





### OMSJ

SHJ:  
Sharjah Intl

Call sign	Freq
U.A.E. Center	119.325
Dubai Arrival	124.450
Dubai Departures	126.200
Dubai Director	127.900
Sharjah Tower	118.600
Sharjah Ground	121.875

SID	30	12
ANVIX	5R 3000'	4Q 2000'
DAVMO	3R 3000'	4Q 3000'
EMERU	1R 3000'	1Q 3000'
GETID	1R 3000'	1Q 3000'
KUTLI	3R 3000'	3Q 3000'
MIROT	2R 2000'	3Q 3000'
NABIX	2R 2000'	3Q 3000'
RIDAP	2R 2000'	3Q 3000'
SENPA	2R 2000'	3Q 3000'

STAR	30	12
GONVI	4M	3K
LORID	4M	3K
NOLSU	2M	3K
PUVAL	6M	7K

RWY	30	12
ILS	111.95 - 301° ISHW	108.55 - 121° ISRE
IAF	NOGSO 2500'	SJ417 2000'

### OMAL

AAN  
Al Ain Intl

Call sign	Freq
U.A.E. Center	119.325
Abu Dhabi RAD East	133.550
Al Ain Tower	119.850
Al Ain Ground	129.150

SID	01	19
GIDIS	1H 3000'	1J 3000'
LABRI	2H 3000'	2J 3000'
MURGU	1H 3000'	1J 3000'
RETAS	2H 3000'	2J 3000'
ROVOS	1H 3000'	1J 3000'

STAR	01	19
GIDIS	1K	2L
ITRAX	1K	2L / 2M
KANIP	1K	2L
ROVOS	2K	3L

RWY	01 ILS	19 VOR
ILS/VOR	111.9 - 006° IALA	112.6 ALN 190°
IAF	ALN 5000'	KEDAD 2500'

### OMDW

DWC  
Al Maktoum Int

Call sign	Freq
U.A.E. Center	119.325
Dubai Arrival	124.900
Dubai Departures	121.025
Al Maktoum Radar	124.025
Al Maktoum Twr	118.625
Al Maktoum Gnd	118.375

SID	30	12
ANVIX	4L 3000'	4J 3000'
DAVMO	4L 3000'	3J 3000'
EMERU	1L 3000'	1J 3000'
KUTLI	3L 3000'	2J 3000'
MIROT	3L 3000'	2J 3000'
NABIX	3L 3000'	2J 3000'
NOLSU	3L 3000'	2J 3000'
RIDAP	3L 3000'	2J 3000'
SENPA	3L 3000'	2J 3000'

STAR	30	12
DATOB	4Z	4Y
ELOVU	2Z	2Y
GERUL	2Z	2Y
GIDIS	4Z	4Y
GONVI	4Z	4Y
LORID	2Z	2Y
PUVAL	5Z	5Y
UMAMI	3Z	3Y

RWY	30	12
ILS	109.75 - 300°	111.75 - 120°
IAF	GEXIK 2000'	NITRI 2000'

### OMFJ

FJR  
Fujairah Int

Call sign	Freq
U.A.E. Center	119.325
Fujairah Approach	129.400
Fujairah Tower	124.600
Fujairah Ground	119.450

SID	29	11
ALAIN	1N/P 7000'	3F 7000'
GABKO	2N 7000'	2F 7000'
IMPED	1N/P 6000'	1F 6000'
NOLSU	1N 6000'	1F 6000'
RAK	2N 6000'	4F 6000'
SESRA	2N 6000'	2F 7000'
TONVO	N/A	3F 8000'
UMAMI	1N/P 6000'	1F 6000'

ARR	ILS 29	RNAV 29
KUSEN 2A	ILS X/W 29	RNAV Y 29
RUDAT 2A	ILS X/W 29	RNAV Y 29

RWY	29	11
ILS	111.5 - 291° IFJR	Not available for IFR arrival due to high terrain
IAF	BORUL 3000'	

Fujairah VOR	FJV 113.8
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### OMRK

RKT  
Ras Al Khaimah

Call sign	Freq
U.A.E. Center	119.325
Ras Al Khaimah Approach	124.000
Ras Al Khaimah Tower	118.250
Ras Al Khaimah Ground	121.600

SID	34	16
ASNEK	1N/E 3000'	1E/P 3000'
EMOPI	2E/W 3000'	2S 3000'
PUVAL	1N 3000'	1S 3000'

ARR	34	16
ALSIL	1S	1N
EGPEP	1E/2W	2N
LAGLI	1S	2E/W
NADNI	2S	2E/W

ILS/VOR	110.5 - 343° IRK	113.6 RAV 163'
IAF	NADNI 2500'	KANUD 2000'





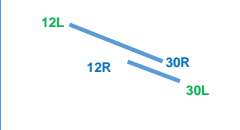
Call sign	Freq	Position
Bahrain Central	127.525	OBBB_CTR
Bahrain Approach	127.850	OBBI_APP
Bahrain Tower	118.500	OBBI_TWR
Bahrain Ground	121.850	OBBI_GND

HOLDS	COURSE	TURNS	LEVELS
ALRAS	120°	RIGHT	3000-13000ft
NAGAT	300°	LEFT	3000-13000ft
OBSAS	027°	RIGHT	3000-13000ft

	LEVELS	DESTINATION	SSR Code
TL	FL 150	International	4500- 4577
TA	13000 ft	Domestic	1601 - 1620
WEST	Even FL	VFR / Local	1760 - 1767
EAST	Odd FL	Military	1750 - 1757

# OBBI

BAH: Bahrain International



SID	30L/R	12L/R	Int Clb
<h2>RWY HDG 4000 ft</h2> <p>after airborne ctc OBBI_APP 127.850 Vectors or DCT to first WPT.</p>			

STAR	12L	30R
DENVO 1	Radar Vectors to final	
KOBOK 1		
LADNA 1		
SOGAT 1		

RWY	12L	30R
ILS	111.5	110.3
ID	IBIB	IBIA
COURSE	121°	301°
IF ILS ALT	D10.0 BAH 1500'	D8.0 BAH 2000'

Bahrain VOR      BAH 115.3

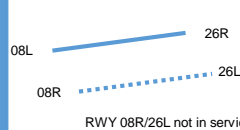
Call sign	Freq	Position
Muscat Center	123.950	OOMM_CTR
Muscat Approach	121.200	OOMS_APP
Muscat Tower	118.825	OOMS_TWR
Muscat Ground	121.800	OOMS_GND
Muscat Delivery	125.575	OOMS_DEL

HOLDS	COURSE	TURNS	LEVELS
KANOL	121°	RIGHT	7000-9000
BUBIL	087°	RIGHT	8000-9000
LADBA	246°	RIGHT	12000
MIGMO	281°	LEFT	12000
NONKA	345°	LEFT	12000

	LEVELS	DESTINATION	SSR Code
TL	FL 150	International	4001- 4077
TA	13000 ft	Domestic	6101 - 6177
WEST	Even FL	VFR / Local	6001 - 6077
EAST	Odd FL	Military	0601 - 0677

# OOMS

MCT: Muscat International



SID	08L/R	26L/R	Int Clb
DAPOK	1S	1P	10000'
EMURU	1S	1P	13000'
GERAR	1S	1P	10000'
IVETO	1S	1P	10000'
IZK	1S	1P	10000'
MUSRU	1S	1P	11000'
SEVLA	1S	1P	11000'
SODEB	1S	1P	11000'
TULBU	1S	1P	10000'
VUSET	1S	1P	7000'
RUNWAY HEADING	MURMA 1N	ITLAK 1N	3000'

RWY 08R/26L not in service

STAR	08L	08L Transition	26R	26R Transition
GERAR	1V	KANOL 1V	1U	KANOL 1U
MUSUK	1V	BUBIL 1V	1U	BUBIL 1U
LAKLU	1V	BUBIL 1V	1U	BUBIL 1U
TULBU	1V	BUBIL 1V	1U	BUBIL 1U
VUSET	1V	LADBA 1V	1U	LADBA 1U
ELIGO	1V	MIGMO 1V	1U	MIGMO 1U
TUMET	1V	NONKA 1V	1U	NONKA 1U
EMURU	1V	NONKA 1V	1U	NONKA 1U
RADAX	1V	NONKA 1V	1U	NONKA 1U

RWY	08L	08R	26L	26R
ILS	108.9	Not in service	Not in service	110.7
COURSE	084°			264°
FAP FIX ILS ALT	M12WL 3400'			D12IMR 3400'





Call sign	Freq	Position
Bahrain Central	127.525	OBBB_CTR
Doha Radar Covering all Qatar airports	121.100	OTHH_R_APP
Doha Approach (OTHH & OTBD)	119.725	OTHH_APP
Doha Director	119.400	OTHH_F_APP
Hamad Tower ▢	118.525	OTHH_E_TWR
Hamad Tower	118.025	OTHH_W_TWR
Hamad Ground ▢	120.225	OTHH_E_GND
Hamad Ground	121.675	OTHH_W_GND
Hamad Delivery	120.875	OTHH_DEL

# OTHH

DOH : Doha Hamad International



SID	34L	34R	16L	16R	Int Clb
ALSEM	1W	1E	1M	1C	3000'
ALVEN	1W	1E	1M	1C	3000'
BATHA	1W	1E	1M	1C	3000'
BUNDU	1W	1E	1M	1C	3000'
NAMLA	1W	1E	1M	1C	3000'
PATOM	1W 1Z	1E	1M	1C	3000'
SALWA	1W	1E	1M	1C	3000'
MUXOP	1W	1E	N/A	N/A	3000'
LOXUL	N/A	N/A	1M	1C	3000'

HOLDS	COURSE	URNS	LEVELS
GINTO	087°	RIGHT	8000-FL210
BAYAN	229°	LEFT	8000-FL240
AFNAN	268°	RIGHT	8000-FL220

	LEVELS	DESTINATION	SSR Code
TL	FL 150	International	2601 - 2677
TA	13000 ft	Domestic	6101 - 6177
WEST	Even FL	VFR / Local	6001 - 6077
EAST	Odd FL	Military	0601 -- 0677

STAR	34L	34R	16L	16R
GINTO	1W	1E	1M	1C
BAYAN	1W	1E	1M	1C
AFNAN	1W	1E	1M	1C

RWY	34L	34R	16L	16R
ILS	111.9	110.1	108.7	108.1
COURSE	336°	336°	156°	156°
FAP FIX ILS ALT	IMKAT 3000'	LAGMA 3000'	TOVAN 3000'	GOLSI 3000'

Call sign	Freq	Position
Bahrain Central	127.525	OBBB_CTR
Doha Radar Covering all Qatar airports	121.100	OTHH_R_APP
Doha Approach (OTHH & OTBD)	119.725	OTHH_APP
Doha Tower	118.900	OTBD_TWR
Doha Ground	121.925	OTBD_GND

# OTBD

Doha International



SID	33	15	Int Clb
ALSEM	1N	1S	4000'
ALVEN	1N	1S	4000'
BATHA	1N	1S	4000'
BUNDU	1N	1S	4000'
NAMLA	1N	1S	4000'
PATOM	1N	1S	4000'
SALWA	1N	1S	4000'
DERNO	1N	N/A	4000'
NOPLI	N/A	1S	4000'

HOLDS	COURSE	URNS	LEVELS
GINTO	087°	RIGHT	8000-FL210
BAYAN	229°	LEFT	8000-FL240
AFNAN	268°	RIGHT	8000-FL220

	LEVELS	DESTINATION	SSR Code
TL	FL 150	International	2601 - 2677
TA	13000 ft	Domestic	6101 - 6177
WEST	Even FL	VFR / Local	6001 - 6077
EAST	Odd FL	Military	0601 - 0677

STAR	33	15
GINTO	1N	1S
BAYAN	1N	1S
AFNAN	1N	1S

RWY	33	15
ILS	109.5	108.5
COURSE	336°	156°
FAP FIX ILS ALT	NAJMA 3000'	MAKIN 3000'

