



Call sign	Freq	Position
U.A.E. Center (FL265+)	124.850	OMAE_U_CTR
U.A.E. Center (FL265-)	120.900	OMAE_L_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

# OMDB

DXB : Dubai International

Pref Departing	30R / 12R	Pref Landing	30L / 12L	
SID	30R/L	12R/L	Int Clb	ATC
ANVIX	4F	3G	4000'	South 121.025
DAVMO	2F	2G	4000'	North 126.200
IVURO	1F	1G	4000'	North 126.200
KUTLI	1F	1G	4000'	South 121.025
MIROT	1F	1G	4000'	South 121.025
NABIX	1F	1G	4000'	South 121.025
RIDAP	1F	1G	4000'	South 121.025
SENPA	1F	1G	4000'	South 121.025
VUVUT	1F	N/A	4000'	North 126.200

## 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!!

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

**supplementary Information:**  
 DATOB // VUTEB 1D/E // IMPED 1B // PUVAL 1D/1E arrival only on ATC discretion!

### preferred STAR

RW	direction	STAR	ATC
30 L/R	NW	VUTEB 1C	North 124.450
30 L/R	E	IMPED 1C	North 124.450
30 L/R	S	LORID 1D	South 124.900
12L/R	NW	VUTEB 1B	North 124.450
12 L/R	E	IMPED 1E	North 124.450
12L/R	S	LORID 1B	South 124.900

### ACC Holdings

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

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





Call sign	Freq	Position
U.A.E. Center (FL265+)	124.850	OMAE_U_CTR
U.A.E. Center ▫ (FL265-)	120.900	OMAE_L_CTR
Abu Dhabi Arrival	124.425	OMAA_N_APP
Abu Dhabi Arrival	118.000	OMAA_S_APP
Abu Dhabi Director	128.100	OMAA_F_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

# OMAA

AUH : Abu Dhabi International

SID	31L	13R	Int Clb	31R	13L	Int Clb
ATUDO	3K	3G	5000ft	3P	3F	4000ft
BOSEV	1K	1G	5000ft	1P	1F	4000ft
DAXIB	1K	1G	5000ft	1P	1F	4000ft
KANIP	3K	3G	5000ft	3P	3F	4000ft
LORID	1K	1G	5000ft	1P	1F	4000ft
MEKRI	1K	1G	5000ft	1P	1F	4000ft
ORNEL	1K	1G	5000ft	1P	1F	4000ft
TULON	1K	1G	5000ft	1P	1F	4000ft

	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

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

**supplementary Information:**

GIDOB 1J/M // NOBTO 4D/J 1H // ROVOS 1H // UKILI 1J/M arrival only on ATC discretion!

**ACC Holdings**

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

**NOTES:**

**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

**preferred STAR**

RW	direction	STAR	ATC
31 L/R	NW	GIDOB 1C	North 118.425
31 L/R	NW	UKILI 1C	South 118.000
31L/R	SE	NOBTO 4C	South 118.000
31 L/R	NE	ROVOS 4C	North 118.425
31 L/R	N	EMERU 1C	North 118.425
31 L/R	S	ATUDO 1C	South 118.000
13/LR	NW	GIDOB 1A	North 118.425
13 L/R	NW	UKILI 1A	South 118.000
13 L/R	SE	NOBTO 4A	South 118.000
13 L/R	NE	ROVOS 4A	North 118.425
13 L/R	N	EMERU 1C	North 118.425
13 L/R	S	ATUDO 1C	South 118.000





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

	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

# 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			3000'
LOXUL	↘			1M	1C	3000'

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

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

	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

# 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		4000'
NOPLI	↘		1S	4000'

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

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'	IMLEP 3000'





Call sign	Freq	Position
Kuwait Radar	125.300	OKAC_CTR
Kuwait Approach	121.300	OKBK_APP
Kuwait Tower	118.300	OKBK_TWR
Kuwait Ground	121.700	OKBK_GND
Kuwait Delivery	126.775	OKBK_DEL

HOLDS	COURSE	URNS	LEVELS
RALKA	276°	RIGHT	3000-FL460
TABTO	242°	RIGHT	3000
DEBTI	314°	RIGHT	3000-FL460
PEDEL	332°	LEFT	3000
SODAP	332°	RIGHT	3000
WAFRA	078°	RIGHT	3000-FL460

	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

# OKBK

KWI: Kuwait International



SID	33L/R	15L/R	Int Clb
ALVIX	3F	3E	3000'
ASVIR	3F	3E	3000'
BOXIK	3F	3E	3000'
RALKA	3F	3E	3000'
SESRA	3F	3E	3000'
WAFRA	3F	3E	3000'
WAFRA → DEKOP trans → KATOD trans → NIDAO trans			
<b>RUNWAY HEADING</b>	332°	152°	3000'

STAR IAF	33L/R PEDEL	33L/R TABTO	15L/R PASEL	15L/R IVETA
SIDAD			2D	
DESLU			2D	
RALKA		2C	2D	
ALVIX		2C	2D	
SESRA		2C	2D	
DEBTI	2C		NORTH 2D	SOUTH 2D
ASVIR	2C			2D
KUNRU	2C			2D
WAFRA	2C			2D

RWY	33L	33R	15L	15R
ILS	109.5	110.5	110.1	111.3
COURSE	332°	332°	152°	152°
FAP FIX ILS ALT	RARVA 2000'	GINBI 2000'	RERAN 2000'	DATAR 2000'

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	URNS	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'
<b>RUNWAY HEADING</b>	MURMA 1N	ITLAK 1N	3000'

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			110.7
COURSE	084°	Not in service	Not in service	264°
FAP FIX ILS ALT	M12WL 3400'			D12IMR 3400'



**OMSJ**SHJ:  
Sharjah Intl

SID	30	12
ANVIX	3R 5000'	2G 3000'
DAVMO	1R 3000'	1Q 3000'
MIADA	3R 5000'	2Q 5000'
MUVLA	2R 5000'	1Q 5000'
NADIL	2R 2000'	2Q 5000'
RIKET	2R 3000'	1Q 3000'
SITAT	2R 5000'	1Q 5000'

STAR	30	12
ALRAR	3M 2P	2K 1N
ELELA	2M 2P	4K 3N
MIADA	2M 2P	2K
PUVAL	2M 1P	3K 2N
<b>RWY</b>	<b>30</b>	<b>12</b>
ILS	111.95 - 301°	108.55 - 121°
IAF	SJ501 2000'	SJ402 2000'

**OBBI**BAH  
Bahrain Intl

DEP	30R	12L
<b>RUNWAY HEADING</b>	Heading 301°	Heading 121°
Bahrain VOR		BAH 115.3
<b>RWY</b>	<b>30R</b>	<b>12L</b>
ILS	110.3 - 301°	111.5 - 121°
FAP	D8 BAH 1500'	D8.4 BAH 1500'

STAR	30R NAGAT	12L ALRAS
KOBOK	1	1
LADNA	1	1
SOGAT	1	1
DENVO	1	1
	After NAGAT vectors	After ALRAS vectors

Call sign	Freq
Bahrain Central	127.525
Bahrain Approach	127.850
Bahrain Tower	118.500
Bahrain Ground	121.850

**OMDW**DWC  
Al Maktoum Int

SID	30	12
ANVIX	1L 3000'	1J 3000'
MIADA	2L 3000'	2J 3000'
MUVLA	2L 3000'	2J 3000'
NADIL	2L 3000'	2J 3000'
RIKET	2L 3000'	2J 3000'
SITAT	2L 3000'	2J 3000'

STAR	30	12
DESDI	2Z	2A
BUBIN	2Z	2A
MIADA	2Z	2A
<b>RWY</b>	<b>30</b>	<b>12</b>
ILS	109.75 - 300°	111.75 - 120°
IAF	GEXIK 2000'	IVALA 2000'

**OMFJ**FJR  
Fujairah Int

SID	29	11
ALAIN (ALN)	1N 7000'	2F 7000'
GABKO	1N 7000'	1F 7000'
RAK	1N 7000'	3F 7000'
SERSA	1N 7000'	1F 7000'
TONVO		2F 8000'
OBSEN	1N 6000'	
Fujairah VOR		FJV 113.8

ARR	ILS 29	RNAV 29
FJV VOR	ILS W 29	
DESPA	ILS W 29	RNAV Y 29
BORUL	ILS W 29	RNAV Y 29
FJ297		RNAV Y 29
<b>RWY</b>	<b>29</b>	<b>11</b>
ILS	111.5 - 291°	Not available for IFR arrival due to high terrain
IAF	BORUL 3000'	

Call sign	Freq
U.A.E. Center	120.900
Fujairah Approach	129.400
Fujairah Tower	124.600
Fujairah Ground	119.450

**OMAL**AAN  
Al Ain Intl

SID	01	19
LABRI	1H	1J
RETAS	1H	1J
ROVOS	1H	1J

STAR	01	19
ITRAX	1K	1L 1M
ROVOS	1K	1L
<b>RWY</b>	<b>01 ILS</b>	<b>19 VOR</b>
ILS/VOR	111.9 - 006°	112.6 ALN 190°
IAF	ALN 5000'	KEDAD 2500'

**OMRK**RKT  
Ras Al Khaimah

DEP	34	16
Runway Heading		
Initial Climb 3000'		
Then vectors or directs to initial waypoints with climbs		

ARR	34	16
RAV VOR	ILS Z 34	VOR Z 16
ALSIL	ILS Z 34	
NADNI	ILS Z 34	
GENUK		VOR Z 16
KANUD		VOR Z 16
ILS/VOR	110.5 - 343°	113.6 RAV 163°
IAF	ALSIL 2500'	KANUD 2000'

Call sign	Freq
U.A.E. Center	120.900
Ras Al Khaimah Approach	124.000
Ras Al Khaimah Tower	118.250
Ras Al Khaimah Ground	121.600

Call sign	Freq
U.A.E. Center	120.900
Al Ain Approach	133.550
Al Ain Tower	119.850
Al Ain Ground	129.150

