



# United Arab Emirates

General Civil Aviation Authority

## AIP Supplement

**Supplement number 004/09**

**26 MAR 09**

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### Status of supplement items

Valid : 007/07, 008/07, 003/09 & 004/09

Incorporated in this supplement : Nil

Cancelled : Nil

Incorporated in AIP : Nil

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NOTAM cancelled by this AIP supplement : Nil

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### Record AIP Supplement in GEN 0.3

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**EFFECTIVE DATE: 01 May 2009**

### **004/09 Abu Dhabi/ Al Bateen International Airport – Civil Operations**

Civil traffic operations from/to Al Bateen International Airport (OMAD) is planned to begin from 01 May 2009. Any changes will be promulgated by NOTAM.

The attached text (10 pages) and two charts provide aerodrome details.

The attached charts are named as follows:

- i. OMAD AD 2-21 Aerodrome Chart
- ii. OMAD AD 2-90 Visual Approach Chart

- END -

**International Airport  
ABU DHABI / AL BATEEN**

**OMAD AD 2.1****Aerodrome location indicator and name**

OMAD - Al Bateen International Airport

**OMAD AD 2.2****Aerodrome geographical and administrative data****2.2.1 Aerodrome reference point**

Latitude : 24° 25' 42"N

Longitude : 054° 27' 29"E

Site : Mid-point of runway 13-31, on CL

**2.2.2 Distance and direction from city**

6.5 NM E of Abu Dhabi

**2.2.3 Elevation and reference temperature**

ELEV 16 FT

T 42°C

**2.2.4 Geoid undulation**

Not available

**2.2.5 Magnetic variation**

1.3°E (2005). No significant change.

**2.2.6 Administrative authority**

Abu Dhabi Airports Company (ADAC)

P.O. Box 94449  
Abu Dhabi  
United Arab Emirates

Telephone : (02) 575 7500

Telefax : (02) 575 5255

AFS : OMAAYAYX

**2.2.7 Types of traffic permitted to use aerodrome**

IFR/VFR

**2.2.8 Remarks**

Nil

**OMAD AD 2.3****Operational hours**

Operational hours		
	Service	Hours
1	Aerodrome Administration	H 24
2	Customs and Immigration	H 24
3	Sanitation	H 24
4	AIS Briefing Office	H 24
5	MET Briefing Office	H 24
6	Air Traffic Services	H 24
7	Fuelling	H 24
8	Handling	H 24
9	Security	H 24
10	De-icing	Nil
11	Remarks	Nil

**OMAD AD 2.4****Handling services and facilities****2.4.1 Cargo handling facilities**

Normal

**2.4.2 Fuel and oil types**

Fuel :               AVGAS 100LL  
                          Jet A1

Oil :                 Nil

**2.4.3 Fuelling facilities and capacity**

Jet A :               Fueller.

Limited AVGAS available : 12 hours notice re-  
quired.

**2.4.4 De-icing facilities**

Nil requirement

**2.4.5 Hangar space available for visiting aircraft**

Limited availability

**2.4.6 Repair facilities for visiting aircraft**

Limited availability

**2.4.7 Remarks**

Nil

**OMAD AD 2.5****Passenger facilities****2.5.1 Hotels**

Hotels in Abu Dhabi city.

**2.5.2 Restaurant accommodation**

Cafeteria available.

**2.5.3 Transportation available**

Taxis available on request.

**2.5.4 Medical facilities**

Sheikh Khalifa Hospital in Abu Dhabi city.

**2.5.5 Banks and Post offices**

Nil

**2.5.6 Tourist office**

Nil

**2.5.7 Remarks**

Nil

**OMAD AD 2.6****Rescue and fire fighting services****2.6.1 Aerodrome category for fire fighting**

CAT 7 in accordance with ICAO Annex 14

**2.6.2 Rescue equipment**

Two vehicles

**2.6.3 Capability for removal of disabled aircraft**

Equipment available at Abu Dhabi Interna-  
tional Airport.

**2.6.4 Remarks**

Nil.

**OMAD AD 2.7****Seasonal availability - clearing**

2.7.1 The airport is available all seasons. There is no  
requirement for clearing.

**OMAD AD 2.8****Aprons, taxiways and check locations data****2.8.1 Surface and strength of aprons**

<b>Aprons</b>			
	Surface	Strength	Area
Apron A	Asphalt	PCN 61/F/A/X/T	120 M x 450 M
Apron B	Concrete Asphalt	PCN 52/R/A/W/T 45/F/A/X/T	165 M x 520 M
Apron C	Concrete Asphalt	PCN 66/R/A/W/T 45/F/A/X/T	170 M x 450 M
Apron D	Concrete	PCN 69/R/A/W/T	115 M x 560 M
Apron E	Concrete	PCN 90/R/A/W/T	110 M x 575 M

**2.8.2 Width, surface and strength of taxiways**

<b>Taxiways</b>			
	Surface	Strength	Width
T	Asphalt	PCN 50/F/A/X/T	22 M
T1	Asphalt	PCN 59/F/A/X/T	35 M
T2	Asphalt	PCN 65/F/A/X/T	22 M
T3	Asphalt	PCN 63/F/A/X/T	22 M
T4	Asphalt	PCN 62/F/A/X/T	22 M
T5	Asphalt	PCN 72/F/A/X/T	22 M
T6	Asphalt	PCN 58/F/A/X/T	35 M

**2.8.3 Location and elevation of altimeter check locations**

Nil

**2.8.4 Location of VOR check points**

Nil

**2.8.5 Location of INS check points**

Nil

**2.8.6 Remarks**

Nil

**OMAD AD 2.9****Surface movement guidance and control system and markings**

2.9.1. Aircraft nose wheel guidance on taxiways to apron areas.

**OMAD AD 2.10****Aerodrome obstacles****2.10.1 Obstacles in the approach and take-off areas**

a	b		c
RWY	Type	ELEV (M)	Position
13	Lamp Post	34	N242637.2 E0542625.0
13	Water tank	19	N242616.4 E0542632.4
13	Lamp Post	34	N242639.9 E0542624.5
13	Mosque Minaret	19	N242624.9 E0542636.2
13	Dish antenna	20	N242622.2 E0542632.3
13	TV antenna	26	N242622.8 E0542624.2
13	Tree	22	N242626.6 E0542632.9
13	Boundary wall	7	N242503.4 E0542819.5
13	Boundary wall	7	N242503.5 E0542819.8

a	b		c
RWY	Type	ELEV (M)	Position
13	Boundary wall	8	N242509.2 E0542824.5
13	Lamp Post	35	N242640.7 E0542619.1
13	Boundary wall	7	N242502.9 E0542817.6
13	Lamp Post	35	N242639.8 E0542622.3
13	TV antenna	26	N242622.7 E0542624.2
31	Boundary wall	8	N242506.5 E0542824.4
31	Mosque Minaret	117	N242447.6 E0542832.6
31	Radio antenna	38	N242451.9 E0542858.0
31	Tower	36	N242437.3 E0542853.1
31	Minaret	32	N242452.2 E0542855.5
31	Dish antenna	20	N242622.0 E0542632.2

#### 2.10.2 Obstacles in the circling area and at aerodrome

a			b
Type	ELEV (M)	Markings	Coordinates
Building	166	STD	N242518.2 E0542605.5
Building	136	STD	N242455.2 E0542654.6
Building	125	N/A	N242453.5 E0542620.5
Mosque	117	STD	N242446.8 E0542828.5
Mosque	117	STD	N242442.3 E0542829.6
Mosque	117	STD	N242447.6 E0542832.6

a			b
Type	ELEV (M)	Markings	Coordinates
Mosque	117	STD	N242443.1 E0542833.7
Building	117	N/A	N242511.8 E0542618.2
Building	114	N/A	N242510.6 E0542619.5
Building	105	STD	N242551.7 E0542611.1
Building	104	N/A	N242556.3 E0542555.3
Building	103	N/A	N242549.6 E0542609.7
Building	102	N/A	N242459.2 E0542628.7
Building	99	N/A	N242449.5 E0542623.9
Mosque	95	STD	N242444.1 E0542827.1
Building	95	N/A	N242542.3 E0542614.1
Building	95	STD	N242539.2 E0542553.9
Tower	93	STD	N242543.9 E0542611.7
Building	92	N/A	N242554.4 E0542551.9
Building	92	N/A	N242532.7 E0542605.3
Building	92	N/A	N242534.3 E0542558.7
Building	90	N/A	N242620.1 E0542654.6
Building	90	N/A	N242554.2 E0542556.0
Building	85	N/A	N242555.8 E0542559.3
Building	81	N/A	N242533.2 E0542632.7
Building	72	N/A	N242450.5 E0542748.7

a			b
Type	ELEV (M)	Markings	Coordinates
Mast	70	STD	N242507.2 E0542655.0
Monopole	69	STD	N242536.6 E0542828.6
Building	66	N/A	N242547.7 E0542746.4
Tower	63	STD	N242519.0 E0542642.8
Power line	63	STD	N242636.1 E0542936.2
Power line	62	STD	N242630.9 E0542954.5
Building	62	STD	N242618.8 E0542934.5
Power line	62	STD	N242637.4 E0542848.3
Power line	62	STD	N242652.4 E0542853.0
Power line	62	STD	N242707.8 E0542857.3
Power plant	61	STD	N242618.8 E0542934.5
Monopole	60	STD	N242454.2 E0542657.2
Flag post	57	N/A	N242455.8 E0542903.6
Power line	56	STD	N242642.1 E0542645.0
Power line	56	STD	N242634.7 E0542704.6
Power line	56	STD	N242637.4 E0542903.8
Power line	56	STD	N242636.2 E0542917.4
Building	55	N/A	N242620.0 E0542441.7
Building	52	N/A	N242446.8 E0542804.8
Building	52	N/A	N242533.3 E0542822.3

a			b
Type	ELEV (M)	Markings	Coordinates
Radar	51	N/A	N242455.5 E0542903.9
IAC Obstacle	51	N/A	N242455.7 E0542902.7
Tower	88	STD	N242552.2 E0543039.8
Tower	88	STD	N242554.2 E0543037.7
Monopole	69	STD	N242424.4 E0543023.9
Chimney	67	STD	N242548.2 E0543031.3
Chimney	63	STD	N242548.7 E0543029.0
Building	52	N/A	N242607.7 E0542435.2
Power line	55	STD	N242610.3 E0543014.2
Power line	62	STD	N242722.8 E0542902.0
Building	149	STD	N242721.9 E0542403.5
Building	139	N/A	N242719.7 E0542404.5

**OMAD AD 2.11****Meteorological information provided****2.11.1 General**

1	2	3		4	5	6	7	8	9	10
Name of MET Office	HR	Aerodrome Forecasts		Landing Forecast	Briefing	Flight documentation / Language used	Types of charts	EQPT used	ATS Unit served	Additional Information
		Office responsible for preparation	Period of validity (HR)							
OMAD	H24	OMAA	30	TREND	From OMAA	C, TB English	S, U, P, W, SWH, SWM	AWOS	OMAD	No RVR

**Abbreviations (from Doc 8126)**

C = Charts, TB = Tabular forms, S = Surface Analysis (Current), U = Upper Air Analysis (Current), P = Prognostic Upper Chart, W = Significant Weather Chart, SWH = Significant Weather High Chart, SWM = Significant Weather Medium Chart  
RVR = Runway Visual Range

**Mean daily maximum and minimum temperatures (°C) for each month of the year**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Maximum	24	25	28	33	38	39	40	41	39	35	30	26
Minimum	14	15	17	21	25	27	29	30	27	23	19	16

**Mean pressure for each month of the year**

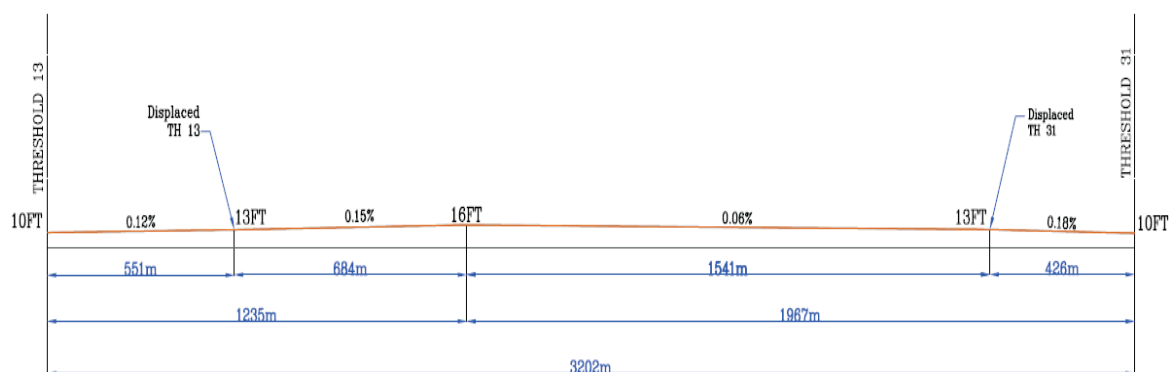
	1019	1017	1014	1011	1006	1000	997	999	1005	1012	1016	1019
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**2.11.2 Runway visual range**

Nil

**OMAD AD 2.12****Runway physical characteristics**

1	2		3	4			5
Runway						Stopway Surface	Threshold Coordinates
Designation	Bearing		Dimensions	Strength	Surface		
	° T	° M					
13	128	127	3202 x 45	PCN 61/F/A/X/T	Asphalt	Asphalt	242604.40N 0542658.20E
31	308	307					242526.60N 0542751.10E

**6 & 7 Threshold elevations and slopes**

RWY	8	9	10	11	12
	Dimensions			Obstacle free zone	Remarks
	Stopway	Clearway	Strip		
13	133	Nil	3322	1) 2 % Approach and Departure surfaces. 2) Inner Transition surface.	Nil
31	551	Nil	x 150		

**OMAD AD 2.13****Declared distances****2.13.1 Declared distances**

1	2	3	4	5
RWY	TORA	TODA	ASDA	LDA
13	3010	3010	3202	2592
31	2651	2651	3202	2776

**OMAD AD 2.14****Approach and runway lighting****2.14.1.1 RUNWAY 13****2.14.1.2 Approach Lights**

Nil

**2.14.1.3 Threshold lights**

Green threshold lights with ELEV wing bars, flashing RTIL.

**2.14.1.4 Visual approach system**

PAPI, both sides, angle 3.5°

**2.14.1.5 RWY TDZ lights**

Nil

**2.14.1.6 Centreline lights**

Nil

**2.14.1.7 Edge lights**

LIL bi-directional white .

**2.14.1.8 End lights / Wing Bars**

LIL uni-directional red.

**2.14.1.9 Stopway lights**

LIL uni-directional red.

**2.14.1.10 Remarks**

Nil



**2.14.2.1 RUNWAY 31****2.14.2.2 Approach lights**

Nil

**2.14.2.3 Threshold lights**

Green threshold lights with ELEV wing bars, flashing RTIL.

**2.14.2.4 Visual approach system**

PAPI, both sides, angle 3.5°.

**2.14.2.5 RWY TDZ lights**

Nil

**2.14.2.6 Centreline lights**

Nil

**2.14.2.7 Edge lights**

LIL white bi-directional.

**2.14.2.8 End lights / Wing Bars**

LIL uni-directional red.

**2.14.2.9 Stopway lights**

LIL uni-directional red.

**2.14.2.10 Remarks**

Nil

**OMAD AD 2.15****Other lighting, secondary power supply****2.15.1 Location of aerodrome beacon**

Nil

**2.15.2 Wind direction indicator**

Un-illuminated WDI's adjacent THR RWY 13/31.

**2.15.3 Taxiway lights**

Green centre line lights on T taxiways.

**2.15.4 Secondary power supply**

Secondary power supply conforms with the requirements of Annex 14, chapter 8 for CAT I operations.

**2.15.5 Apron lights**

Flood lighting available.

**OMAD AD 2.16****Helicopter landing area**

2.16.1 As directed by ATC.

**OMAD AD 2.17****Air traffic services airspace**

1	Designation	Al Bateen Control Zone
	Lateral limits	Straight lines joining positions : 24 32 22 N 054 23 00 E 24 27 10 N 054 26 40 E 24 25 00 N 054 29 30 E 24 23 30 N 054 34 00 E 24 20 48 N 054 31 34 E 24 20 43 N 054 29 34 E 24 28 00 N 054 18 00 E
2	Vertical limits	SFC - 1500 FT
3	Airspace Class	D
4	Unit Language	Al Bateen Tower English
5	Transition altitude	13,000 FT
6	Remarks	Nil

**OMAD AD 2.18****Air traffic services communication facilities**

1	Service designation	Approach / Radar control
2	Callsign	<b>Abu Dhabi Radar</b>
3	Frequency	124.40 MHZ
4	Hours of operation	H 24
5	Remarks	EMERG 121.50 / 243.00 MHZ

1	Service designation	Aerodrome control
2	Callsign	<b>Al Bateen Tower</b>
3	Frequency	119.90 MHZ
4	Hours of operation	H 24
5	Remarks	EMERG 121.50 / 243.00 MHZ

1	Service designation	ATIS
2	Callsign	<b>Abu Dhabi</b>
3	Frequency	125.10 MHZ
4	Hours of operation	H 24
5	Remarks	Nil

**OMAD AD 2.19****Radio navigation and landing aids**

1	2	3		4	5	(6) 7
Type of aid Variation 1.3°E	Identification	TRANS	REC	HRS	Coordinates	ELEV (DME Only) Remarks
		MHZ	MHZ			
DVOR	ALB	114.0		H24	242619.3N 0542646.7E	
DME	ALB			H24	242619.3N 0542646.7E	

**OMAD AD 2.20****Local traffic regulations**

2.20.1 Left hand traffic circuit RWY 31.  
Right hand traffic circuit RWY 13.

2.20.2 Flying over Abu Dhabi city and other built up areas prohibited below 2000 FT except helicopters landing or taking off at downtown helipads.

**OMAD AD 2.21****Noise abatement procedures**

Nil

**OMAD AD 2.22****Flight procedures****2.22.1 Abu Dhabi Helicopter routes**

2.22.1.1 The helicopter routes apply to all helicopter traffic in the Abu Dhabi CTA/CTR except military traffic operating within published training areas. Refer ENR 1.5.4

*Note: For Helicopter routes refer OMAA AD 2 - 91 chart.*

**OMAD AD 2.23****Additional information****2.23.1 Low visibility procedures**

Nil

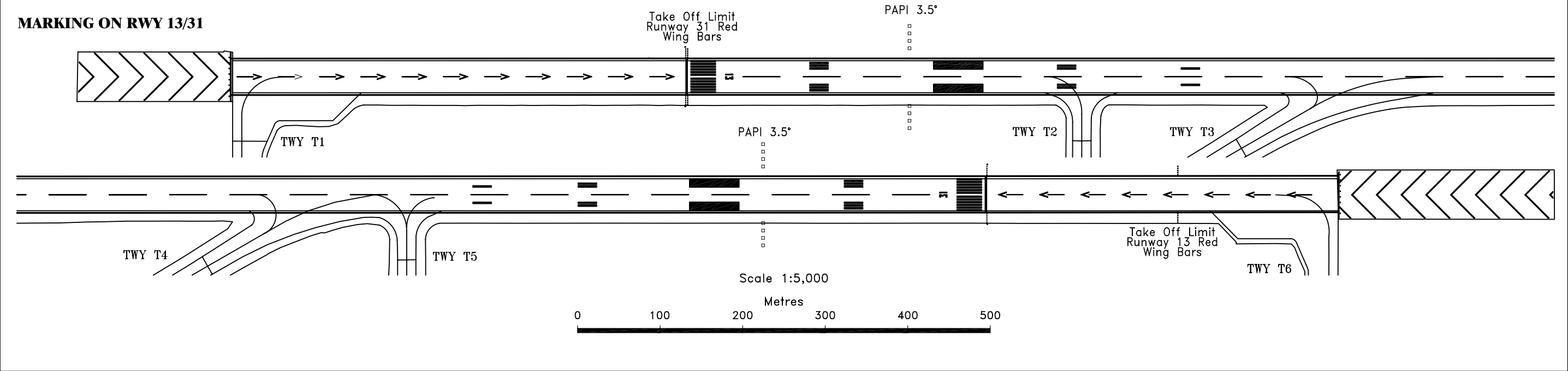
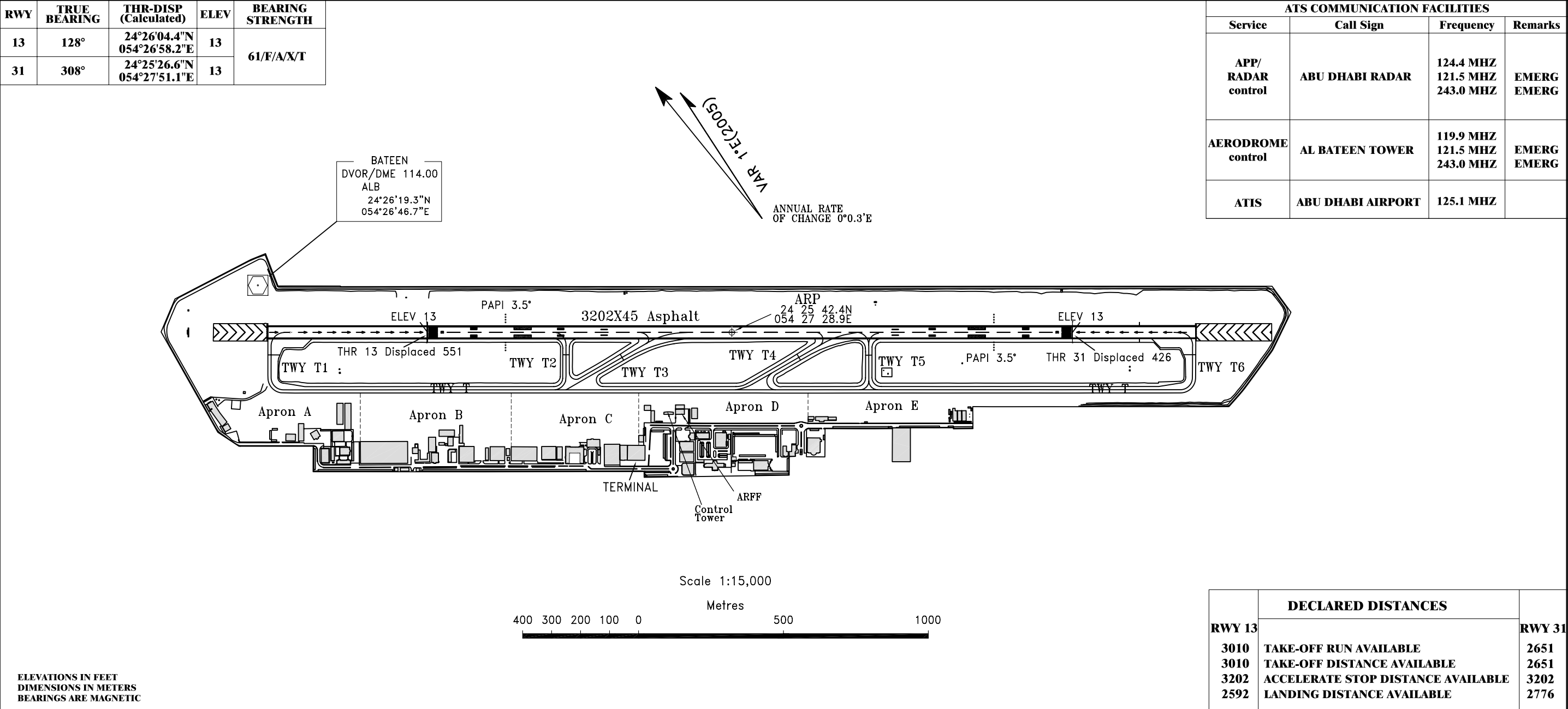
**OMAD AD 2.24****Charts related to aerodrome**

2.24.1 The following charts are produced for Al Bateen International Airport.

ICAO Charts		
NR	Chart Type	Page NR (OMAD)
1	Aerodrome	AD 2-21
2	Aircraft Parking / Docking	N/A
3	Aerodrome Ground Movement	N/A
4	Aerodrome Obstacle (Type A)	N/A
5	Precision Approach Terrain	N/A
6	Area - (departure and transit routes)	N/A
7	Standard Departure - Instrument	N/A
8	Area - (arrival and transit routes)	N/A
9	Standard Arrival - Instrument	N/A
10	Radar Minimum Altitude	N/A
11	Instrument Approach	N/A
12	Visual Approach	AD 2-90
13	Bird Concentration	N/A
14	VFR Routes	Ref OMAA AD 2-91

AERODROME CHART - ICAO

AL BATEEN AIRPORT

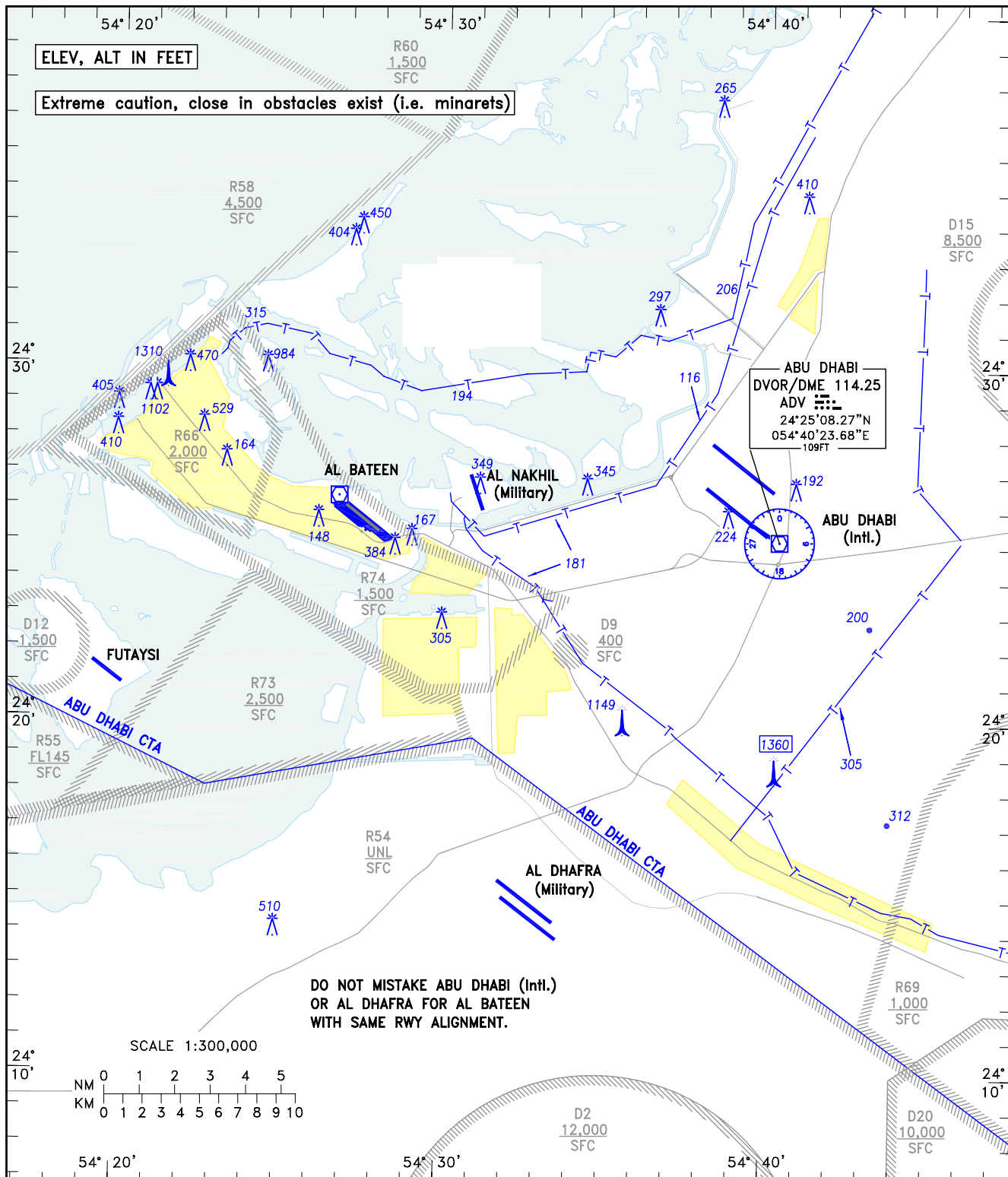


# VISUAL APPROACH CHART

**AERODROME ELEV 16 FT**  
**HEIGHTS RELATED**  
**TO AD ELEV**

APP 124.40  
TWR 119.90  
ATIS 125.10

**ABU DHABI**  
**AL BATEEN**



## VISUAL APPROACH PROCEDURE

1. An IFR flight operating into OMAD can expect a visual approach subject to the following conditions:
  - a. The pilot shall expect radar vectoring by OMAA Approach to position as appropriate for RWY 13 or 31
  - b. The cloud ceiling at the aerodrome is 3000 FT or more and the visibility is 5KM or more
2. If the pilot reports OMAD airport in sight, and can continue the approach by visual reference to the ground, the flight may be cleared for a visual approach
3. Should the pilot not report OMAD airport in sight, the flight shall be diverted to OMAA for an instrument approach
4. In the event of a baulked landing climb to 1500 FT and enter the circuit (Right hand for RWY 13 and Left hand for RWY 31)