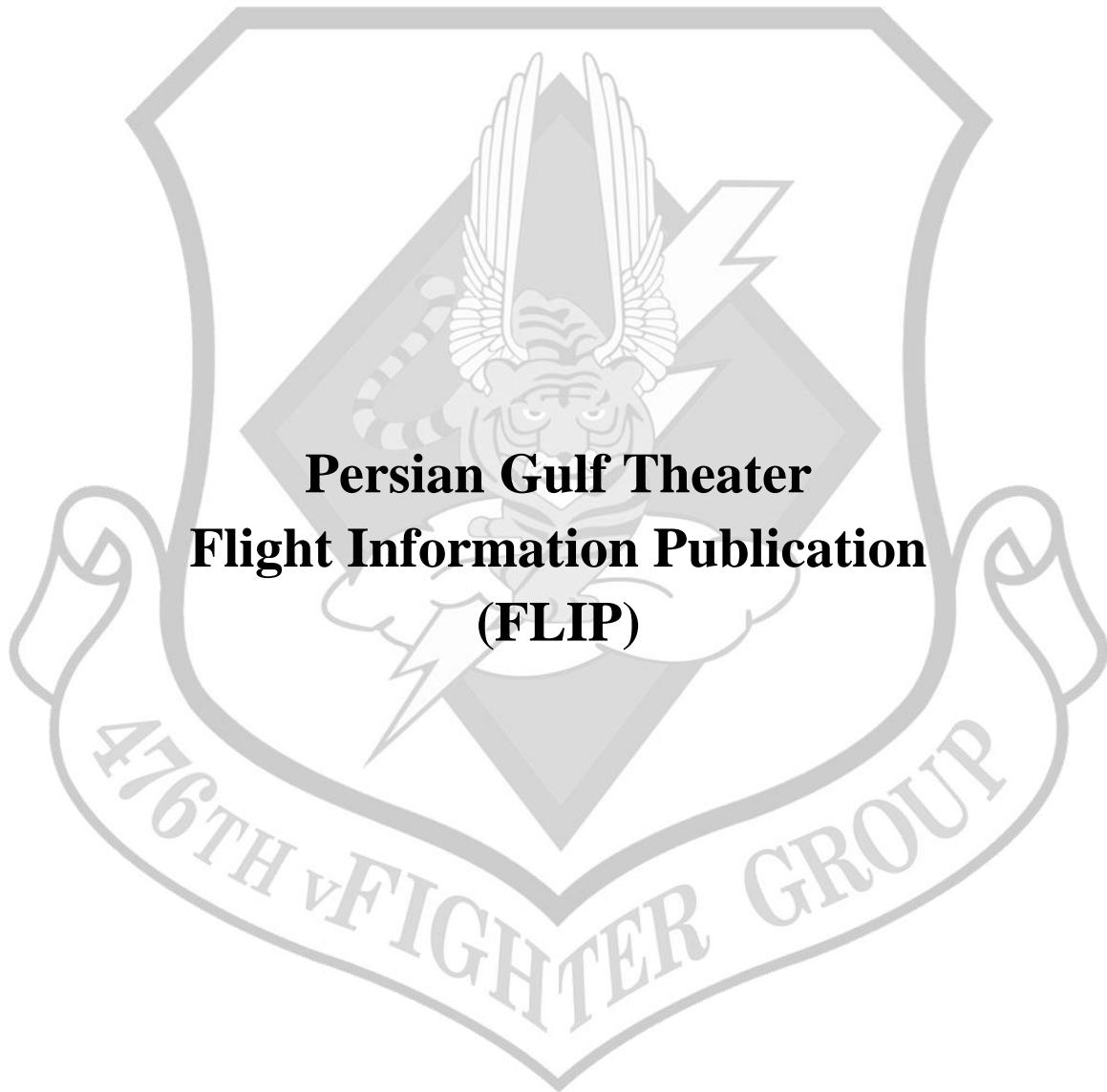


476th vFighter Group



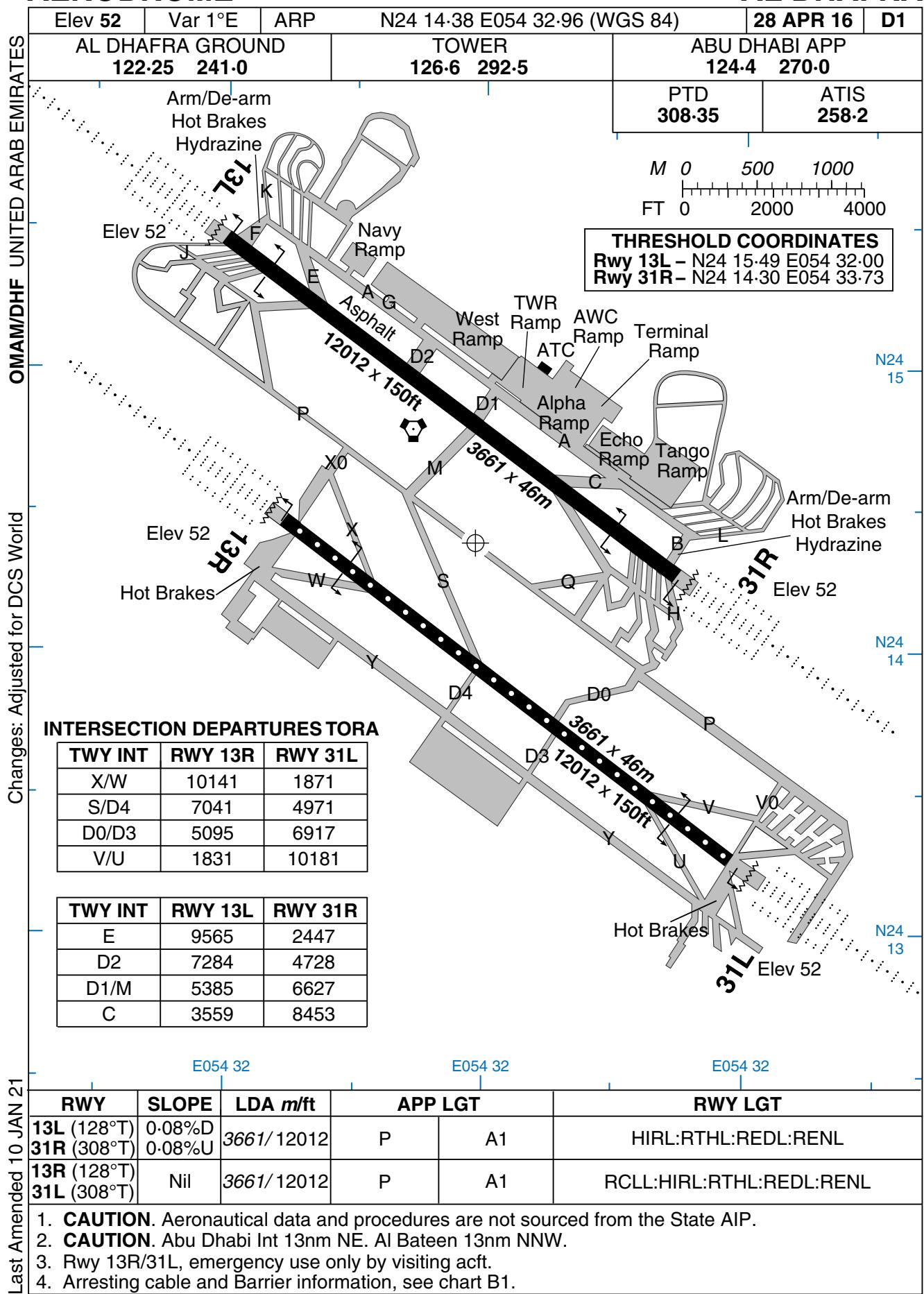
NOTE: Published and released under the authorization of the 476th vFighter Group Command Staff.
Not releasable outside the 476th vFighter Group without prior approval of Command Staff. Made for DCS World mission
year 2016.

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AERODROME

AL DHAFRA



AL DHAFRA, UNITED ARAB EMIRATES

VORTAC MA 114.9 Chan 96	APCH CRS 131°	Rwy Idg 12,012 THRE 52 Arpt Elev 52
-------------------------------	------------------	---

VOR/DME RWY 13L

AL DHAFRA (OMAM)

* When ALS inop, raise CAT AB vis to 3400m and CAT CDE vis to 3600m.
 ** Circling not authorized Northeast of airport.



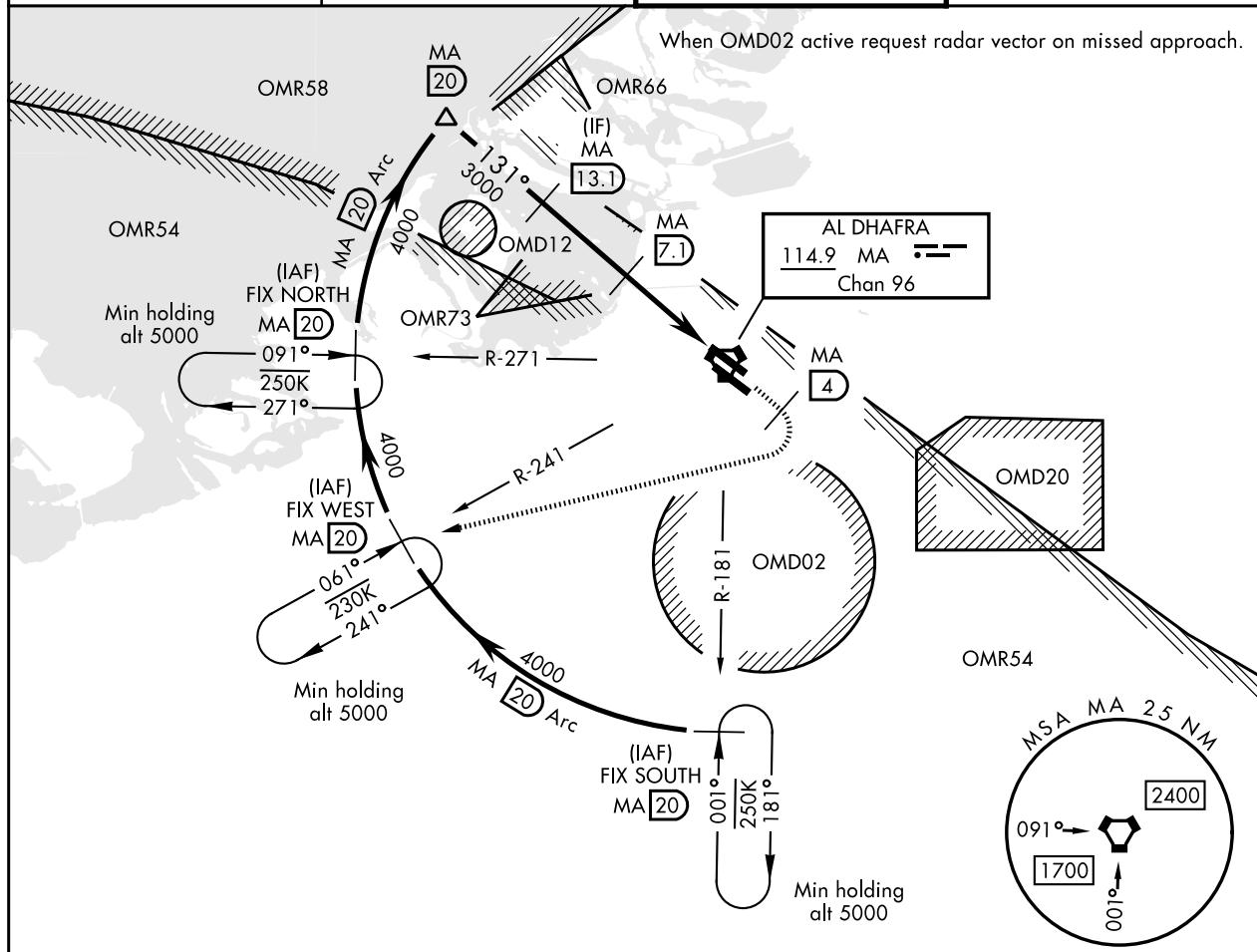
MISSED APPROACH: Climb 5000 (4930) on track 131°, passing MA VORTAC 4 DME turn right direct to FIX WEST and hold. No turn before MAP.

ATIS★
258.2

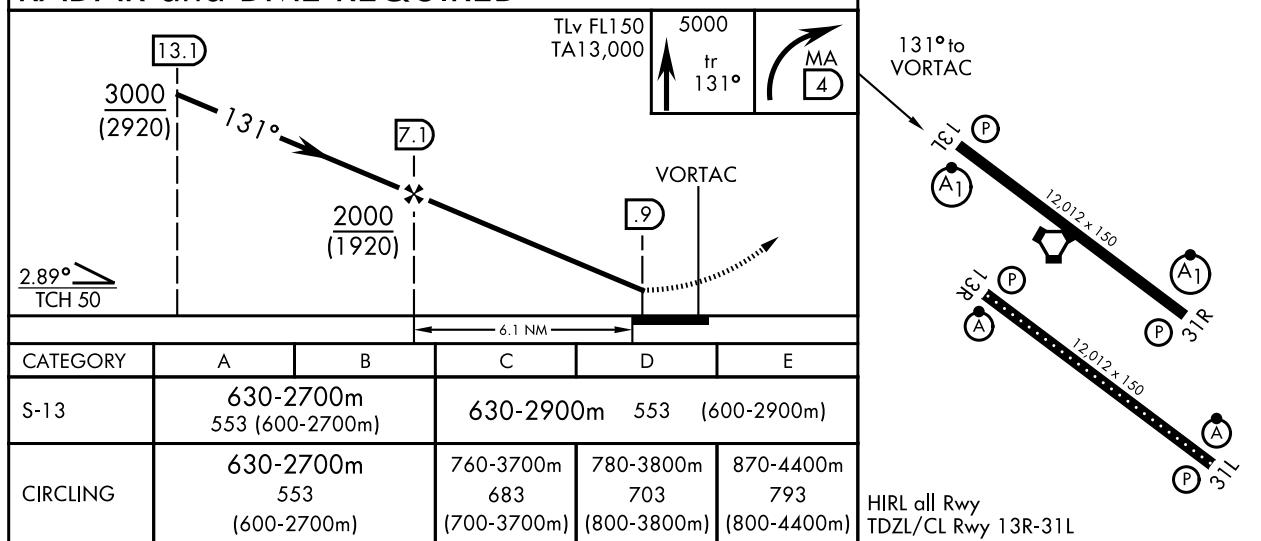
ABU DHABI APP CON
124.4 270.0

TOWER★
126.6 292.5

GND CON
122.25 241.0



RADAR and DME REQUIRED



AL DHAFRA, UNITED ARAB EMIRATES

24°14'N-54°33'E

AL DHAFRA (OMAM)

BASED ON HOST SOURCE {VOR/DME RWY 13L} DATED (13 OCT 2016)

VOR/DME RWY 13L

MADE FOR DCS WORLD MISSION YEAR (2016)

AL DHAFRA, UNITED ARAB EMIRATES

VORTAC MA 114.9 Chan 96	APCH CRS 112°	Rwy Idg 12,012 THRE 52 Arpt Elev 52
-------------------------------	------------------	---

VOR/DME RWY 13R

AL DHAFRA (OMAM)

* When ALS inop, raise CAT AB vis to 2700m and CAT CDE to 2900m.
** Circling not authorized Northeast of airport.



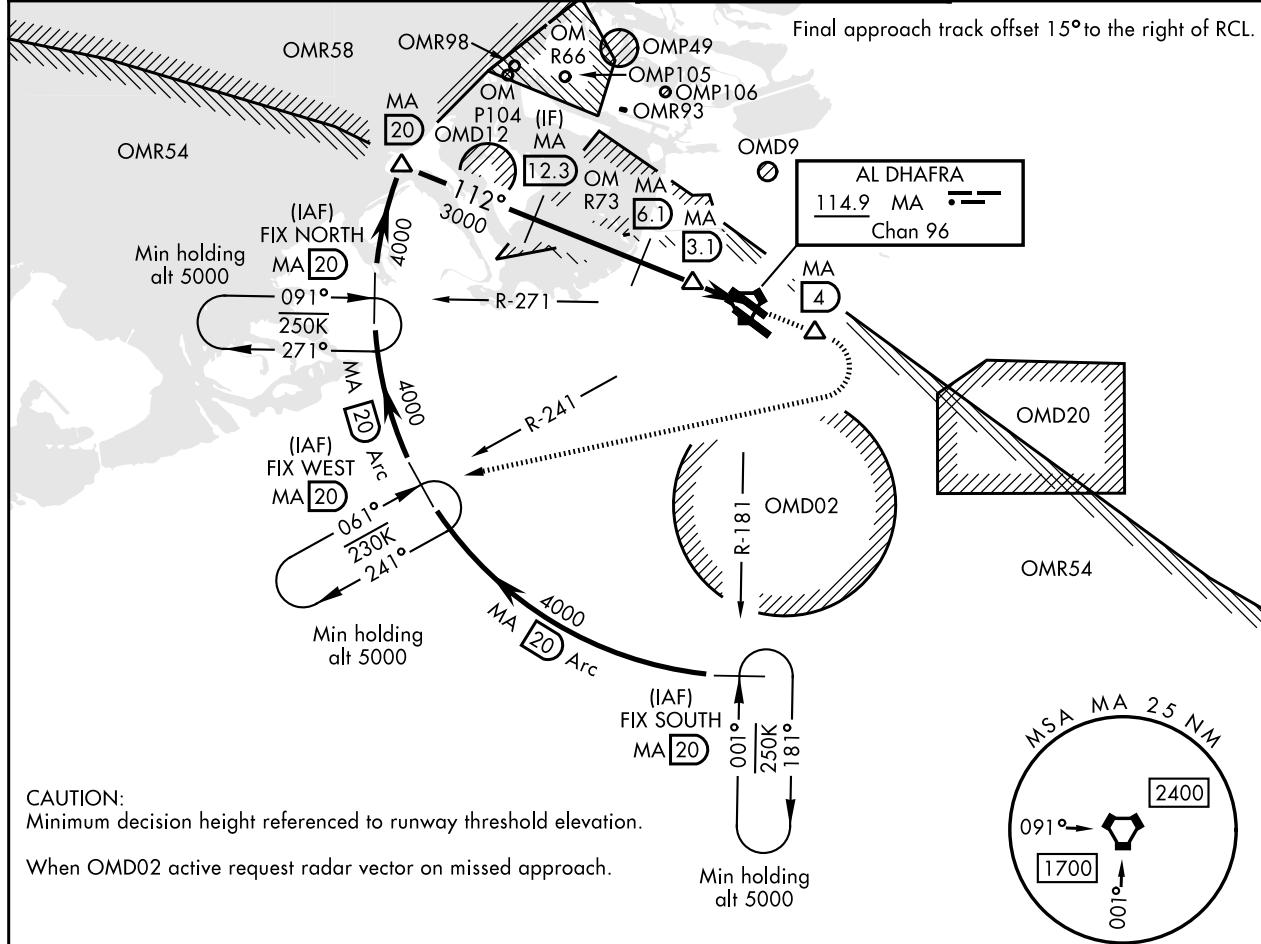
MISSSED APPROACH: Climb 5000 (4930) on track 112°. Passing MA VORTAC 4 DME turn right, Max 210 KIAS, direct to FIX WEST and hold. No turn before MAP.

ATIS★
258.2

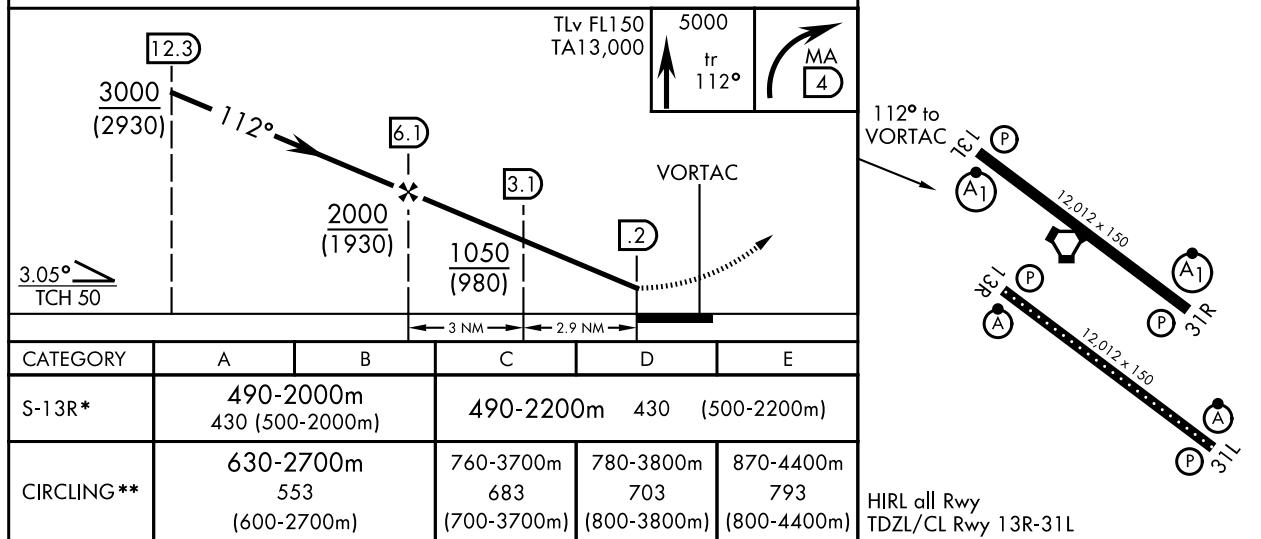
ABU DHABI APP CON
124.4 270.0

TOWER★
126.6 292.5

GND CON
122.25 241.0



RADAR and DME REQUIRED



AL DHAFRA, UNITED ARAB EMIRATES

24°14'N-54°33'E

BASED ON HOST SOURCE {VOR/DME RWY 13R} DATED (13 OCT 2016)

AL DHAFRA (OMAM)

VOR/DME RWY 13R

MADE FOR DCS WORLD MISSION YEAR (2016)

AL DHAFRA, UNITED ARAB EMIRATES

VORTAC MA 114.9 Chan 96	APCH CRS 319°	Rwy Idg 12,012 THRE 52 Arpt Elev 52
--------------------------------------	-------------------------	---

VOR/DME RWY 31L

AL DHAFRA (OMAM)

- * When ALS inop, increase vis to CAT AB to 3300m, CAT CDE vis to 3500m.
 ** Circling not authorized Northeast of airport.



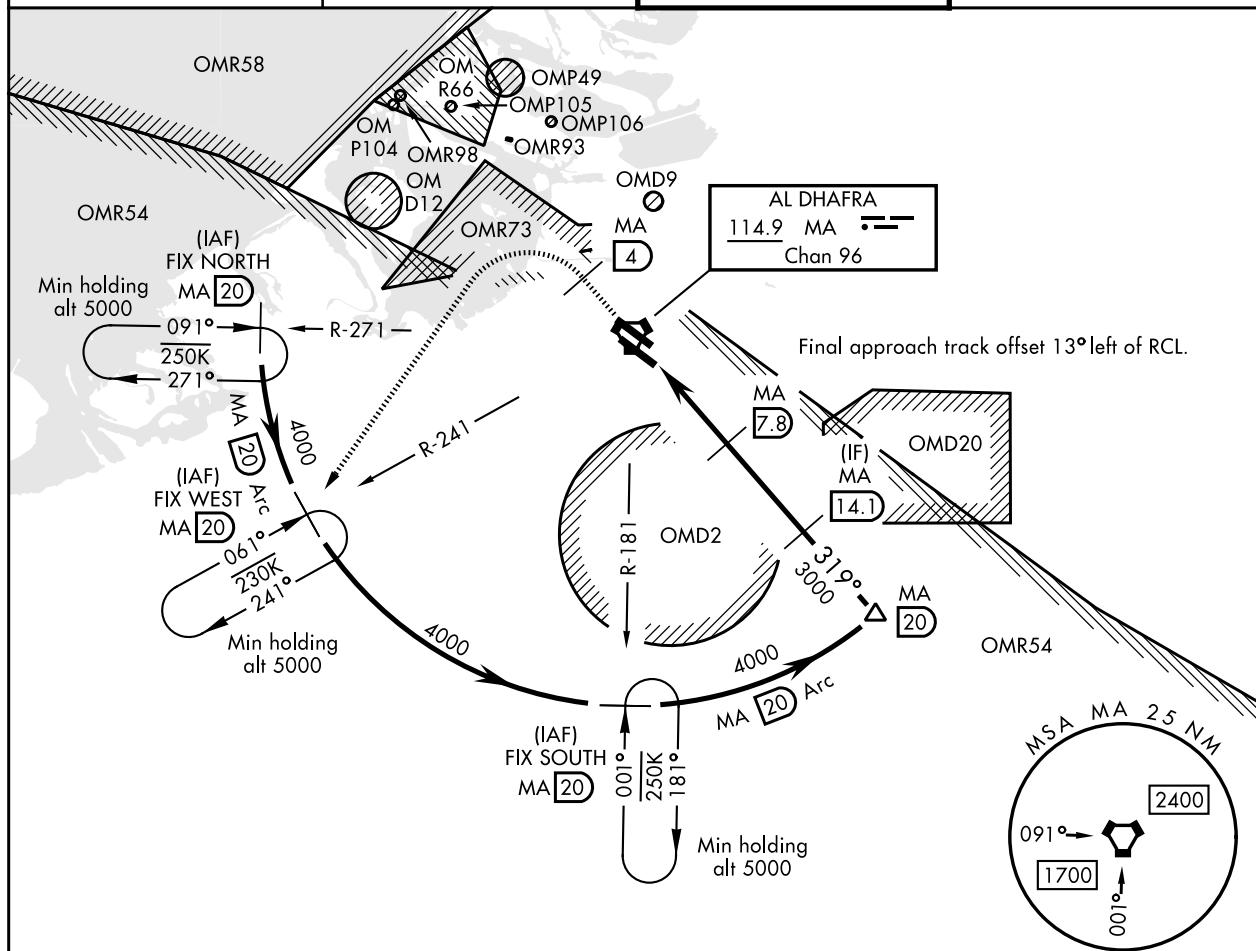
MISSSED APPROACH: Climb to 5000 (4920) track 319°. Passing MA VORTAC 4 DME turn left direct FIX WEST and hold. No turn before MAP.

ATIS ★
258.2

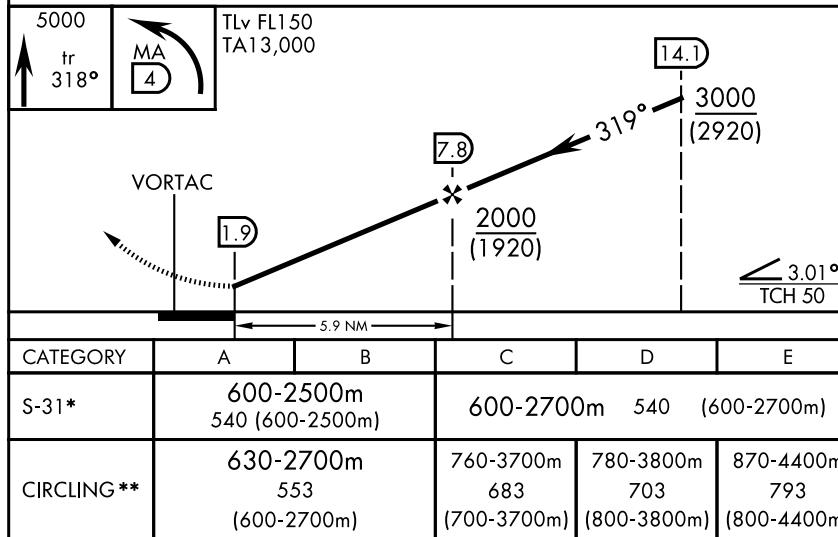
ABU DHABI APP CON
124.4 270.0

TOWER ★
126.6 292.5

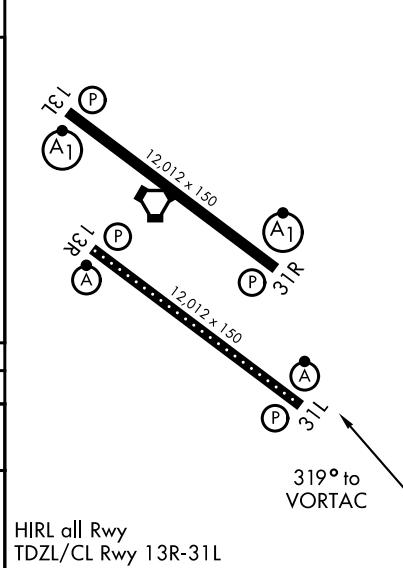
GND CON
122.25 241.0



RADAR and DME REQUIRED



ELEV 52 THRE 52



AL DHAFRA, UNITED ARAB EMIRATES

24°14'N-54°33'E

AL DHAFRA (OMAM)

BASED ON HOST SOURCE {VOR/DME RWY 31L} DATED (13 OCT 2016)

VOR/DME RWY 31L

MADE FOR DCS WORLD MISSION YEAR (2016)

AL DHAFRA, UNITED ARAB EMIRATES

VORTAC MA 114.9 Chan 96	APCH CRS 302°	Rwy Idg 12,012 THRE 52 Arpt Elev 52
-------------------------------	------------------	---

VOR/DME RWY 31R

AL DHAFRA (OMAM)

- * When ALS inop, increase vis to CAT AB to 2700m, CAT CDE vis to 2900m.
 ** Circling not authorized Northeast of airport.



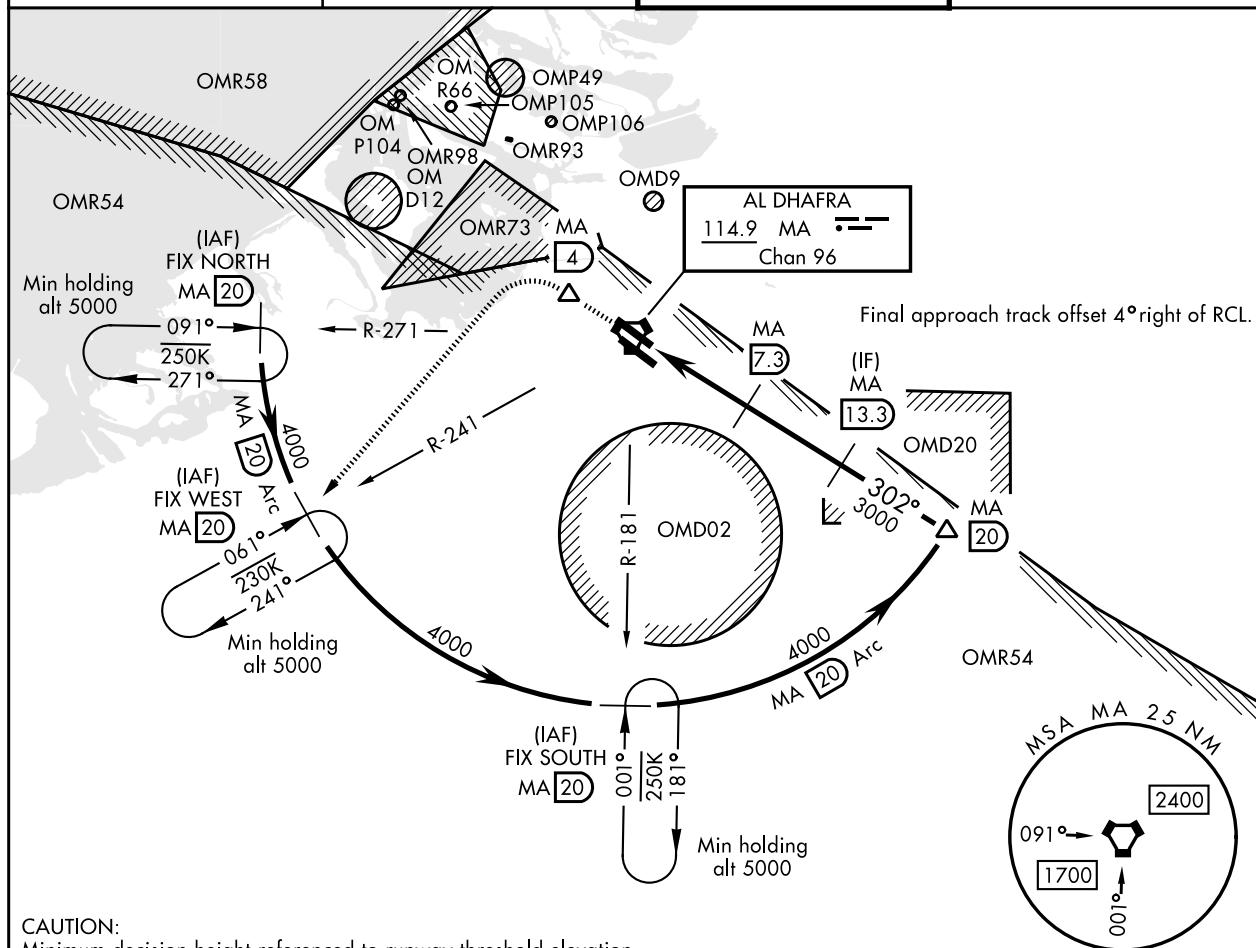
MISSED APPROACH: Climb to 5000 (4920) on track 302°. Passing MA VORTAC 4 DME turn left direct to FIX WEST and hold. No turn before MAP.

ATIS ★
258.2

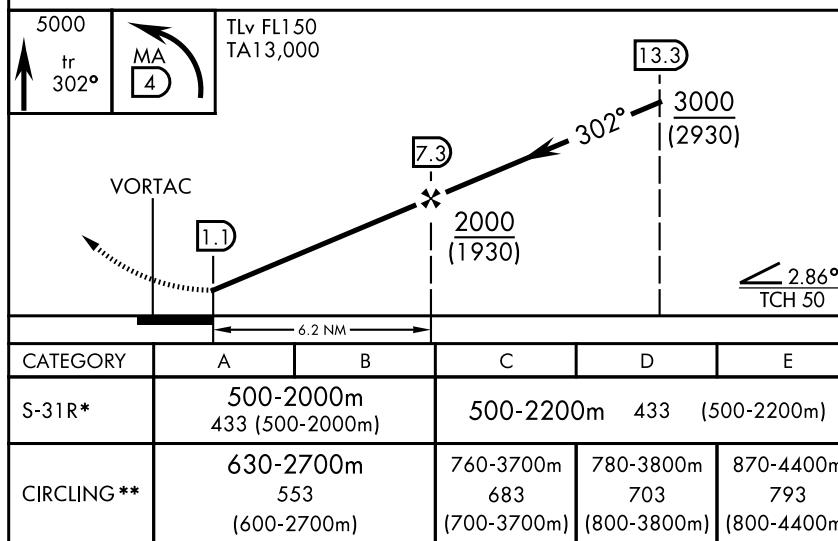
ABU DHABI APP CON
124.4 270.0

TOWER ★
126.6 292.5

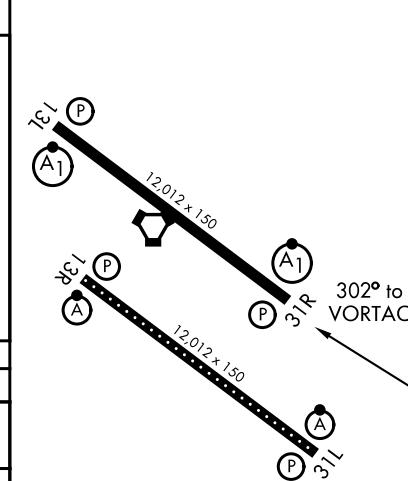
GND CON
122.25 241.0



RADAR and DME REQUIRED



ELEV 52 THRE 52



AL DHAFRA, UNITED ARAB EMIRATES

24°14'N-54°33'E

AL DHAFRA (OMAM)

BASED ON HOST SOURCE {VOR/DME RWY 31R} DATED (10 NOV 2016)

VOR/DME RWY 31R

MADE FOR DCS WORLD MISSION YEAR (2016)

AL DHAFRA, UNITED ARAB EMIRATES

VORTAC MA 114.9 Chan 96	APCH CRS 131°	Rwy Idg 12,012 THRE 52 Arpt Elev 52
-------------------------------	------------------	---

TACAN RWY 13L

AL DHAFRA (OMAM)

- * When ALS inop, raise CAT AB vis to 3400m and CAT CDE vis to 3600m.
- ** Circling not authorized Northeast of airport.



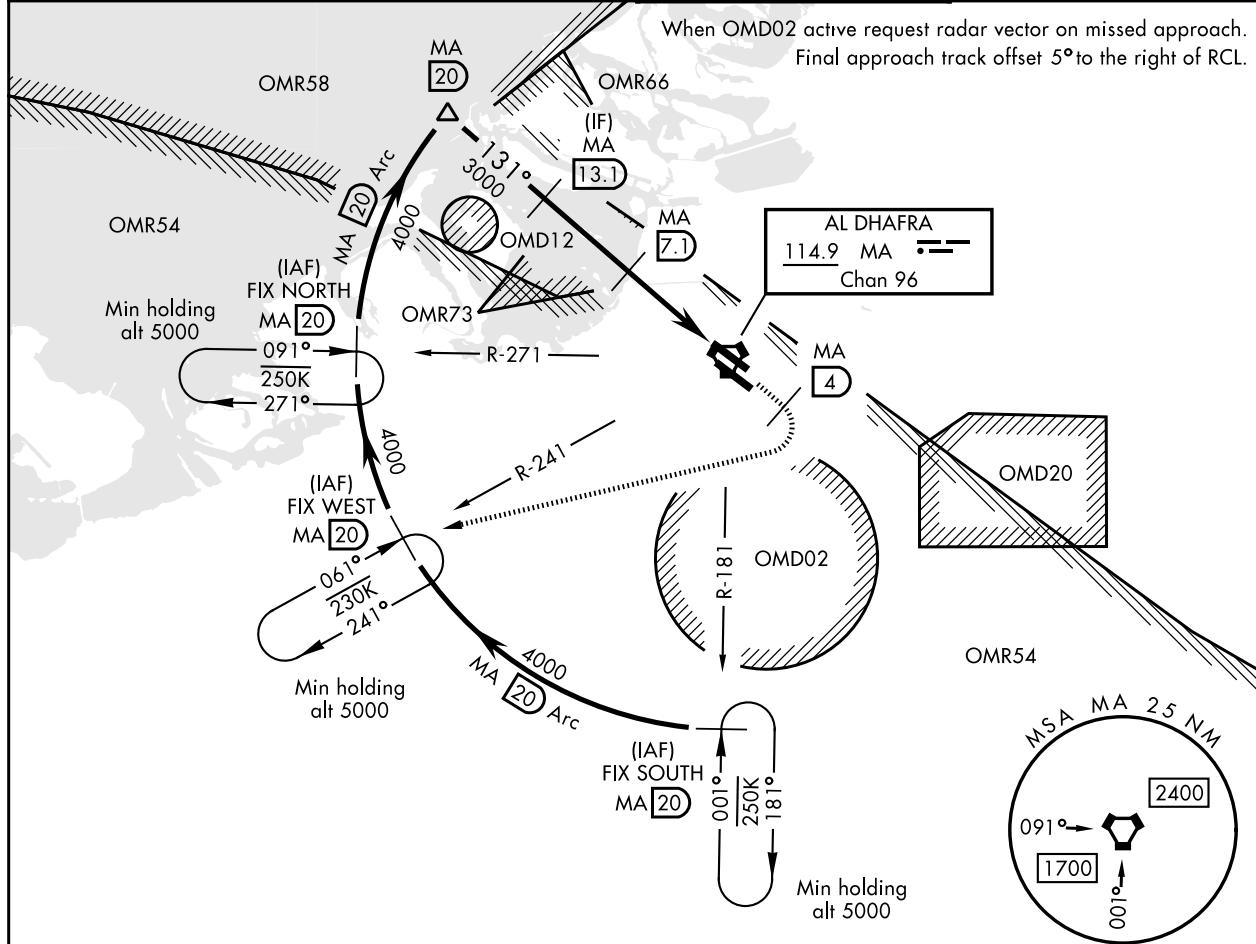
MISSED APPROACH: Climb 5000 (4930) on track 131°, passing MA VORTAC 4 DME turn right direct to FIX WEST and hold. No turn before MAP.

ATIS★
258.2

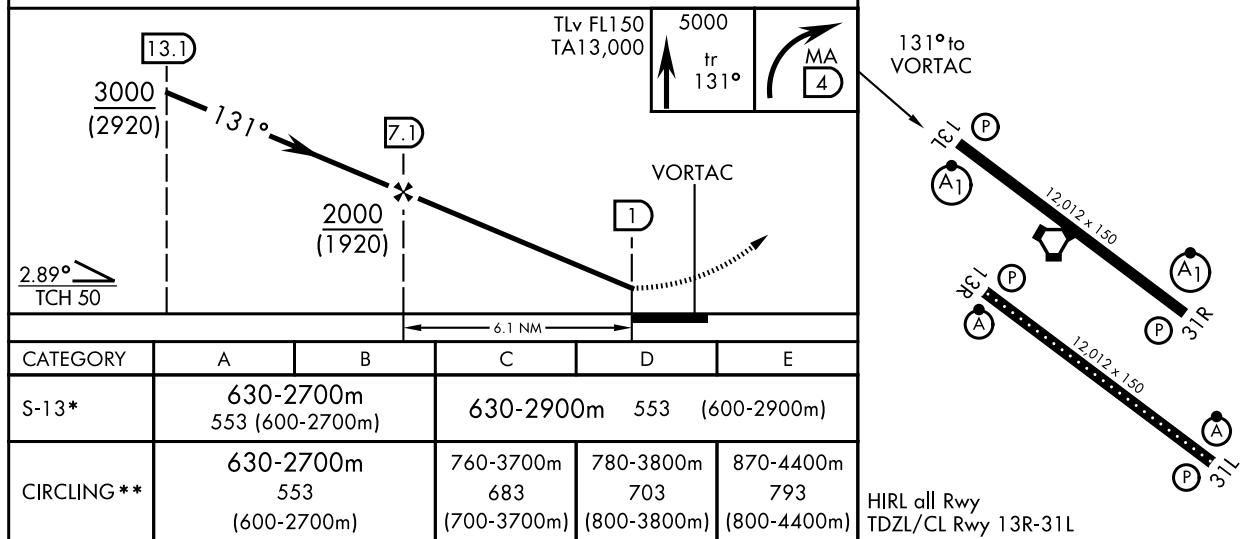
ABU DHABI APP CON
124.4 270.0

TOWER★
126.6 292.5

GND CON
122.25 241.0



RADAR and DME REQUIRED



AL DHAFRA, UNITED ARAB EMIRATES

24°14'N-54°33'E

BASED ON HOST SOURCE {TACAN RWY 13L} DATED (13 OCT 2016)

AL DHAFRA (OMAM)

TACAN RWY 13L

MADE FOR DCS WORLD MISSION YEAR (2016)

AL DHAFRA, UNITED ARAB EMIRATES

VORTAC MA 114.9 Chan 96	APCH CRS 112°	Rwy Idg 12,012 THRE 52 Arpt Elev 52
-------------------------------	------------------	---

TACAN RWY 13R

AL DHAFRA (OMAM)

* When ALS inop, raise CAT AB vis to 2700m and CAT CDE to 2900m.
** Circling not authorized Northeast of airport.



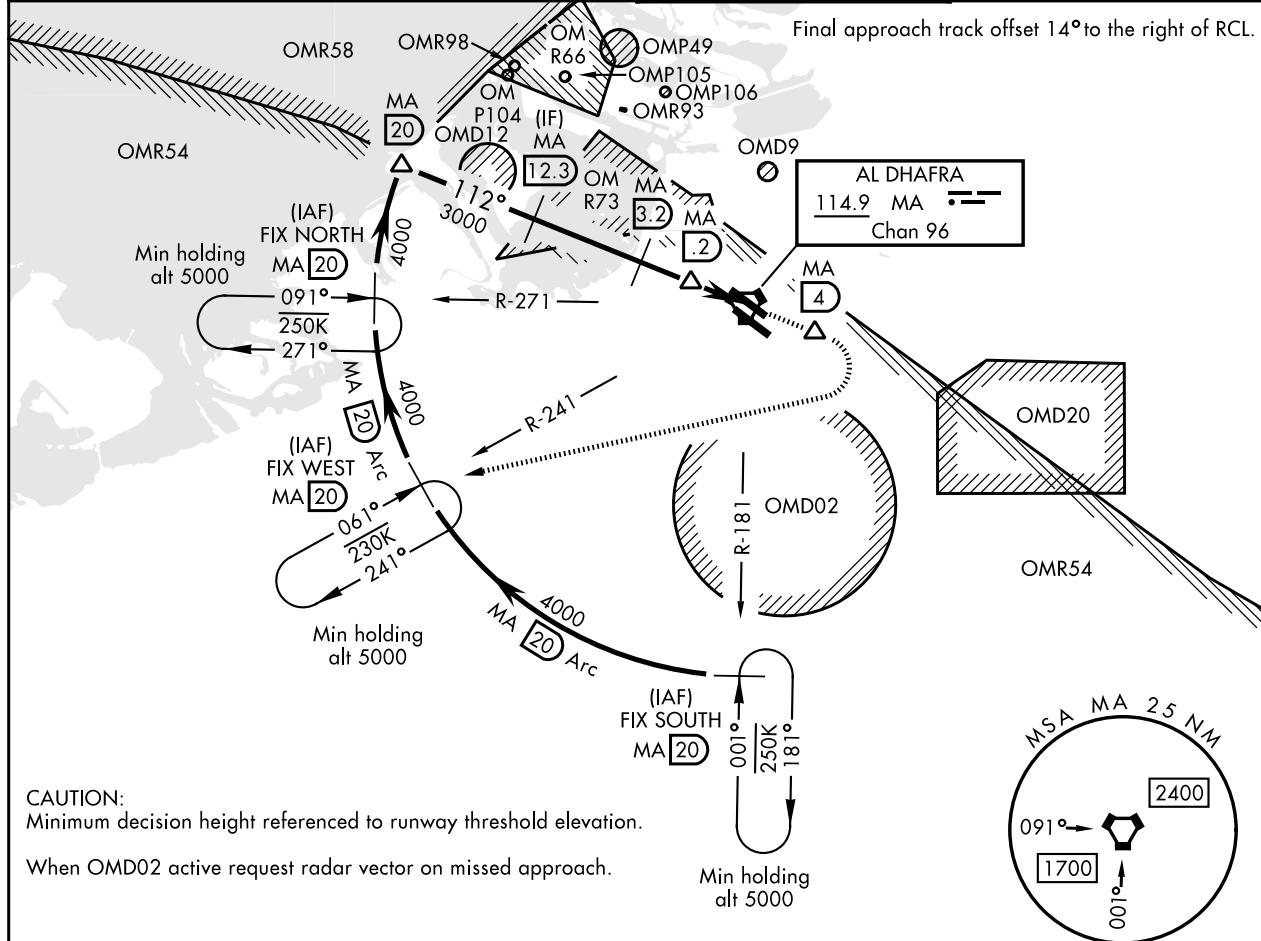
MISSIED APPROACH: Climb 5000 (4930) on track 112°. Passing MA VORTAC 4 DME turn right, Max 210 KIAS, direct to FIX WEST and hold. No turn before MAP.

ATIS★
258.2

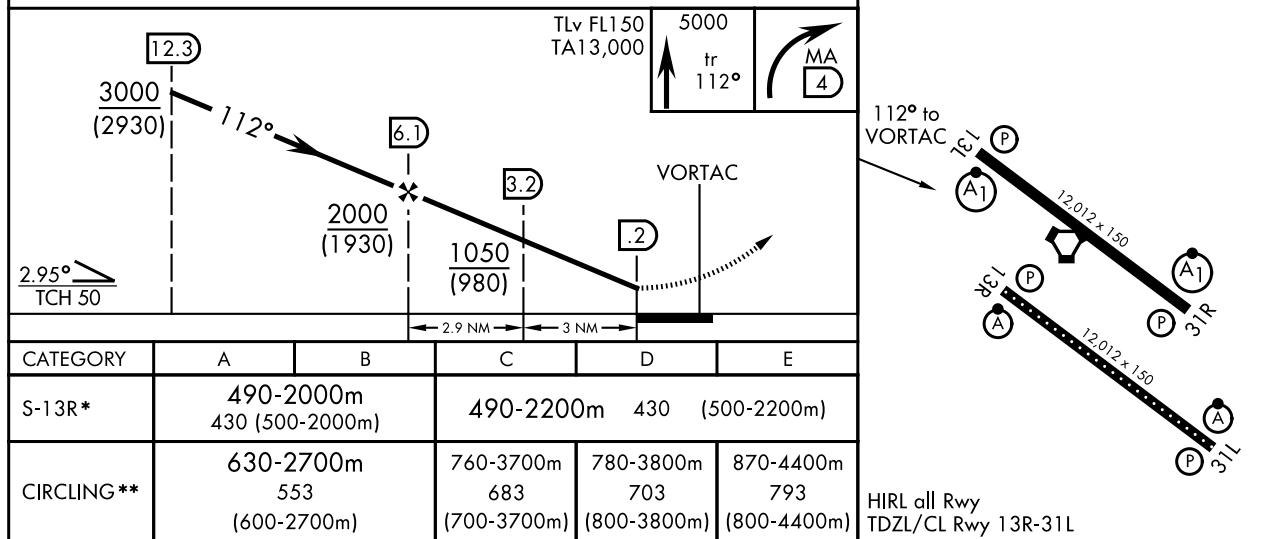
ABU DHABI APP CON
124.4 270.0

TOWER★
126.6 292.5

GND CON
122.25 241.0



RADAR and DME REQUIRED



AL DHAFRA, UNITED ARAB EMIRATES

24°14'N-54°33'E

AL DHAFRA (OMAM)

BASED ON HOST SOURCE {TACAN RWY 13R} DATED (13 OCT 2016)

TACAN RWY 13R

MADE FOR DCS WORLD MISSION YEAR (2016)

AL DHAFRA, UNITED ARAB EMIRATES

TACAN RWY 31L

AL DHAFRA (OMAM)

VORTAC MA 114.9 Chan 96	APCH CRS 319°	Rwy ldg 12,012 THRE 52 Arpt Elev 52
--------------------------------------	-------------------------	--

- * When ALS inop, increase vis CAT AB to 3300m, CAT CDE vis to 3500m.
- ** Circling not authorized Northeast of airport.

ALS
A

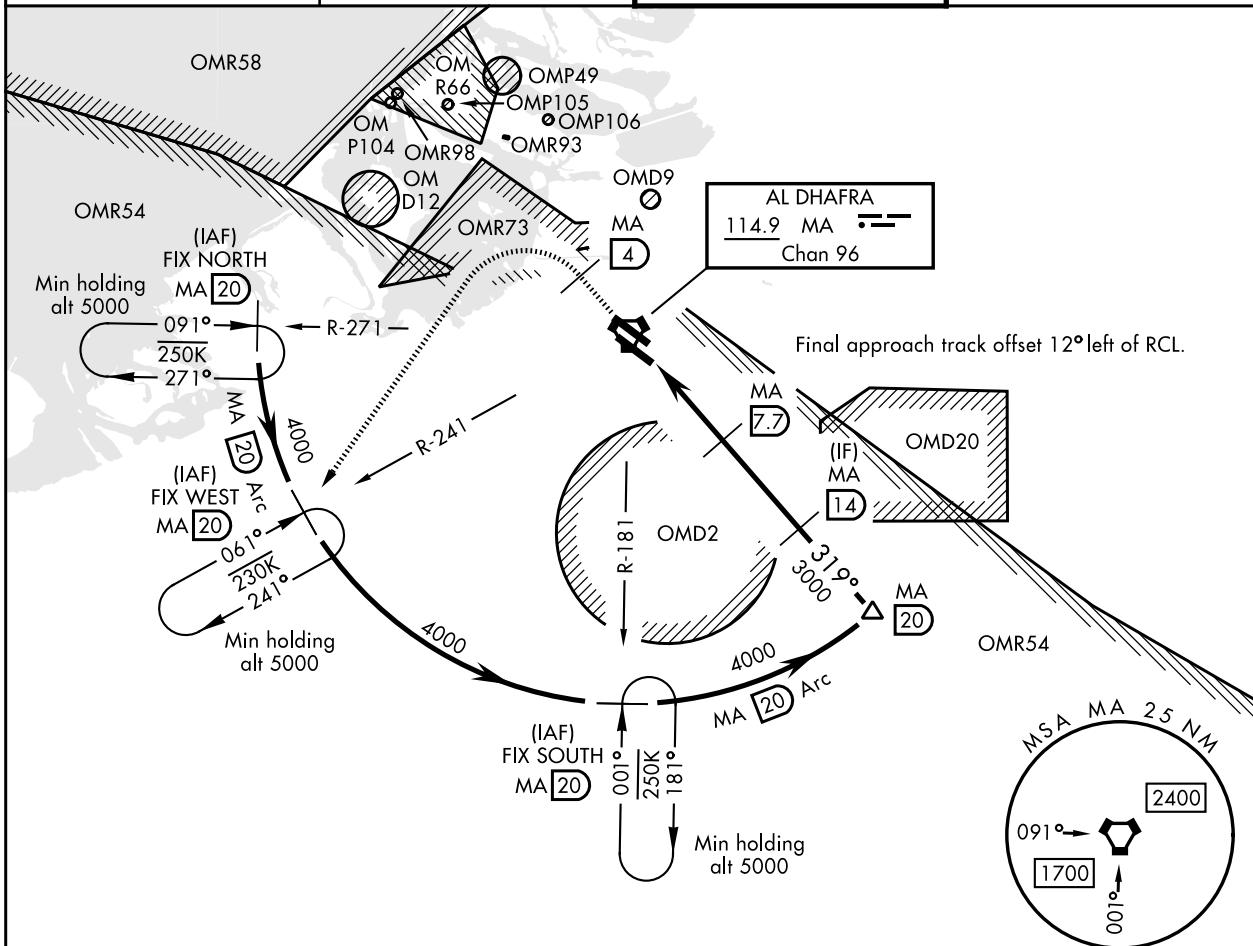
MISSED APPROACH: Climb to 5000 (4920) track 319°. Passing MA VORTAC 4 DME turn left direct FIX WEST and hold. No turn before MAP.

ATIS★
258.2

ABU DHABI APP CON
124.4 270.0

TOWER ★
126.6 292.5

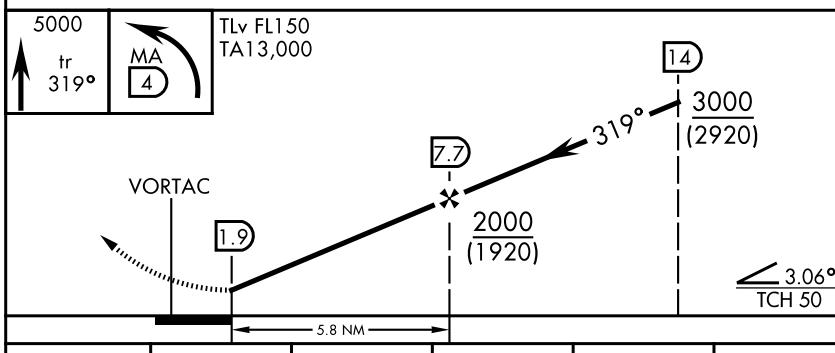
GND CON
122.25 241.0



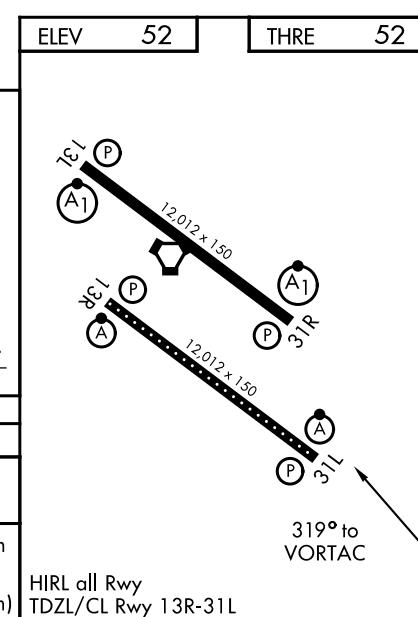
RADAR and DME REQUIRED

ELEV	52		THRE	52
------	----	--	------	----

THRE 52



CATEGORY	A	B	C	D	E
S-31*	600-2500m 540 (600-2500m)		600-2700m	540	(600-2700m)
CIRCLING**	630-2700m 553 (600-2700m)	760-3700m 683 (700-3700m)	780-3800m 703 (800-3800m)	870-4400m 793 (800-4400m)	



AL DHAFRA, UNITED ARAB EMIRATES

24°14'N-54°33'E

AL DHAFRA (OMAM)

BASED ON HOST SOURCE {TACAN RWY 31L} DATED (13 OCT 2016)

TACAN RWY 31L

MADE FOR DCS WORLD MISSION YEAR (2016)

AL DHAFRA, UNITED ARAB EMIRATES

TACAN RWY 31R

AL DHAFRA (OMAM)

VORTAC MA 114.9 Chan 96	APCH CRS 302°	Rwy Idg 12,012 THRE 52 Arpt Elev 52
--------------------------------------	-------------------------	--

* When ALS inop, increase vis CAT AB to 2700m, CAT CDE vis to 2900m.

** Circling not authorized Northeast of airport.



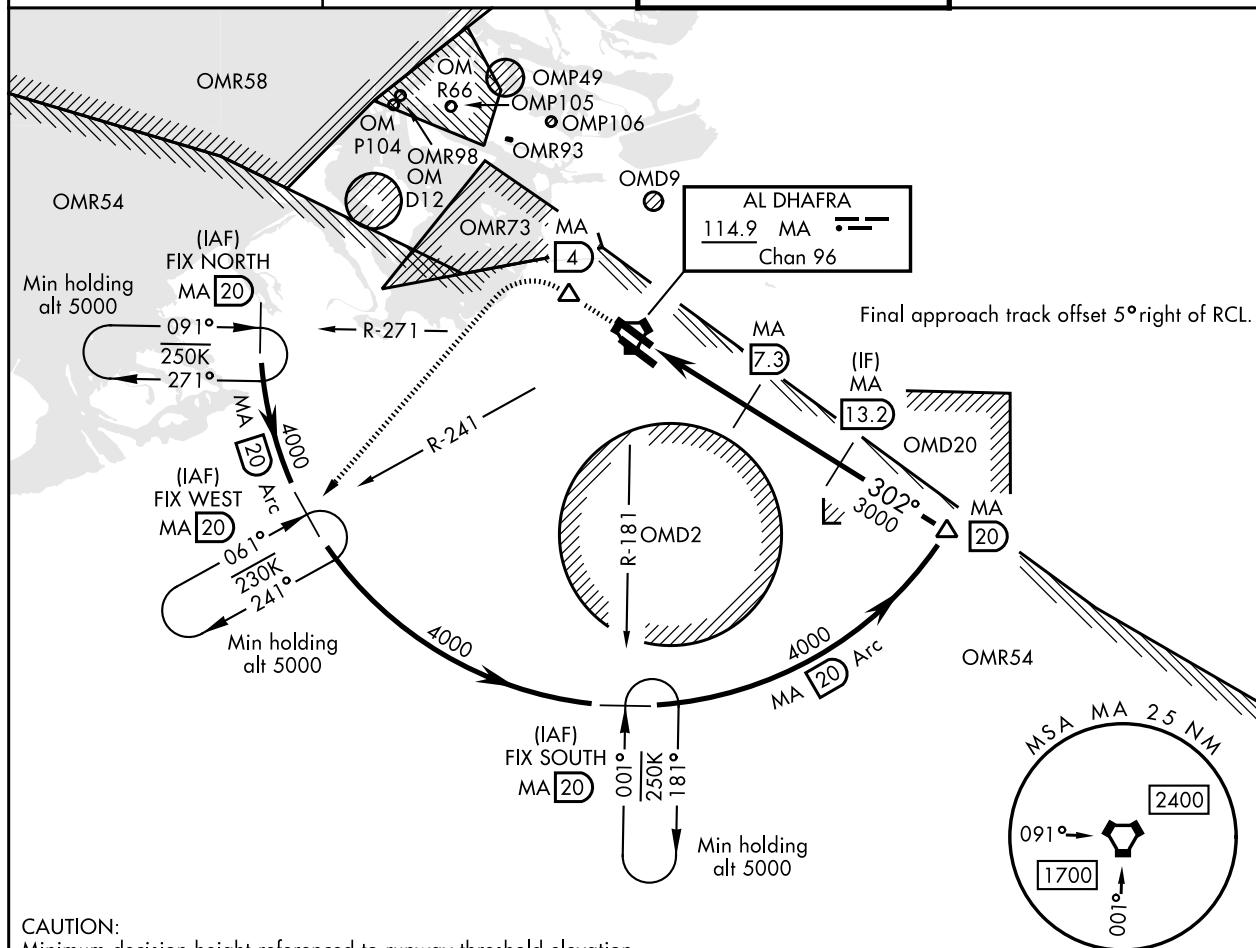
MISSED APPROACH: Climb to 5000 (4920) on track 302°. Passing MA VORTAC 4 DME turn left direct to FIX WEST and hold. No turn before MAP.

ATIS ★
258.2

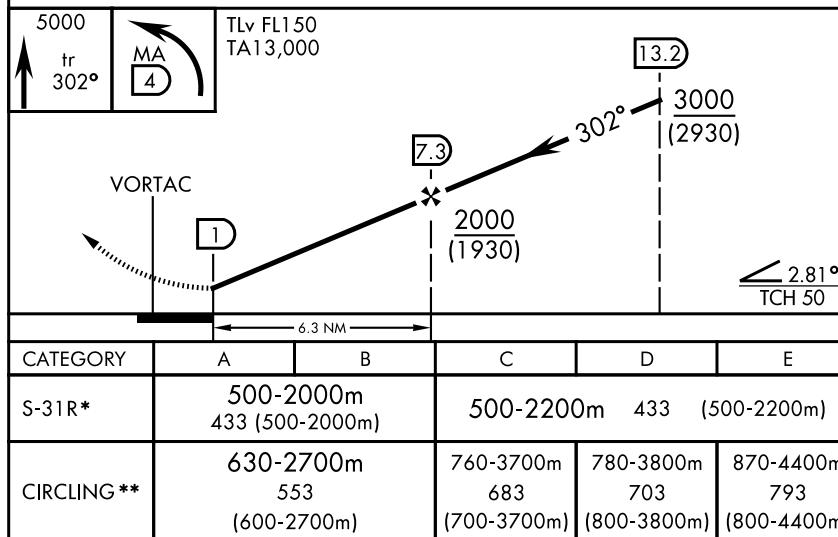
ABU DHABI APP CON
124.4 270.0

TOWER ★
126.6 292.5

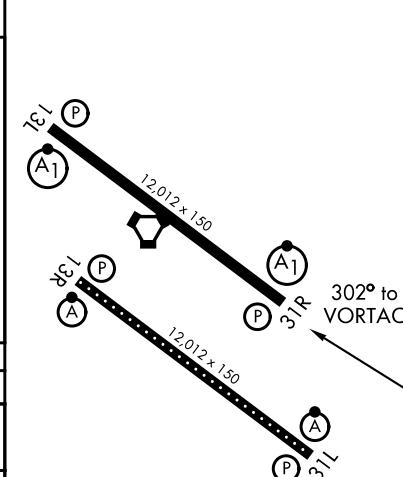
GND CON
122.25 241.0



RADAR and DME REQUIRED



ELEV 52 THRE 52



AL DHAFRA, UNITED ARAB EMIRATES

24°14'N-54°33'E

AL DHAFRA (OMAM)

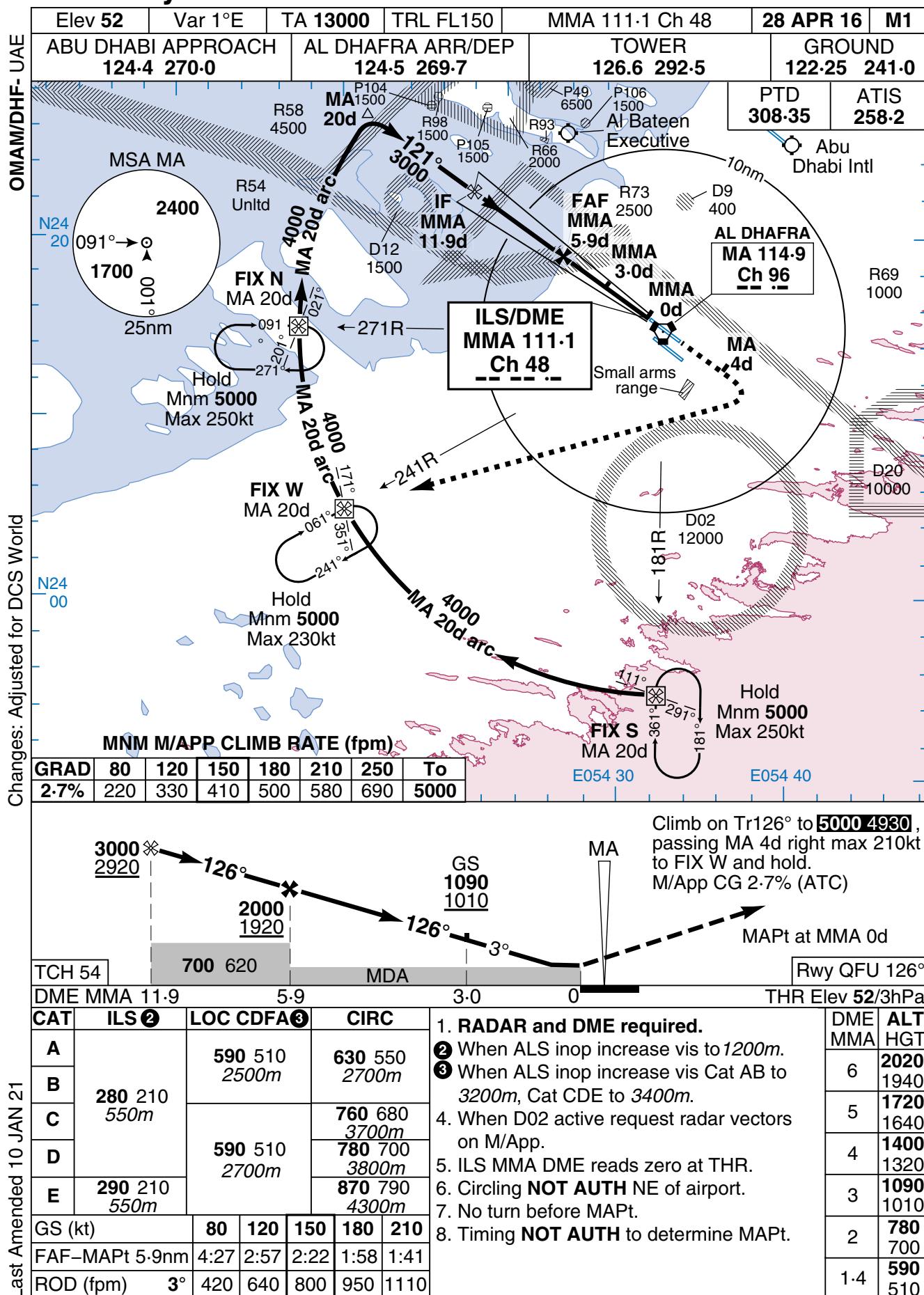
BASED ON HOST SOURCE {TACAN RWY 31R} DATED (10 NOV 2016)

TACAN RWY 31R

MADE FOR DCS WORLD MISSION YEAR (2016)

ILS Z Rwy 13L

AL DHAFRA

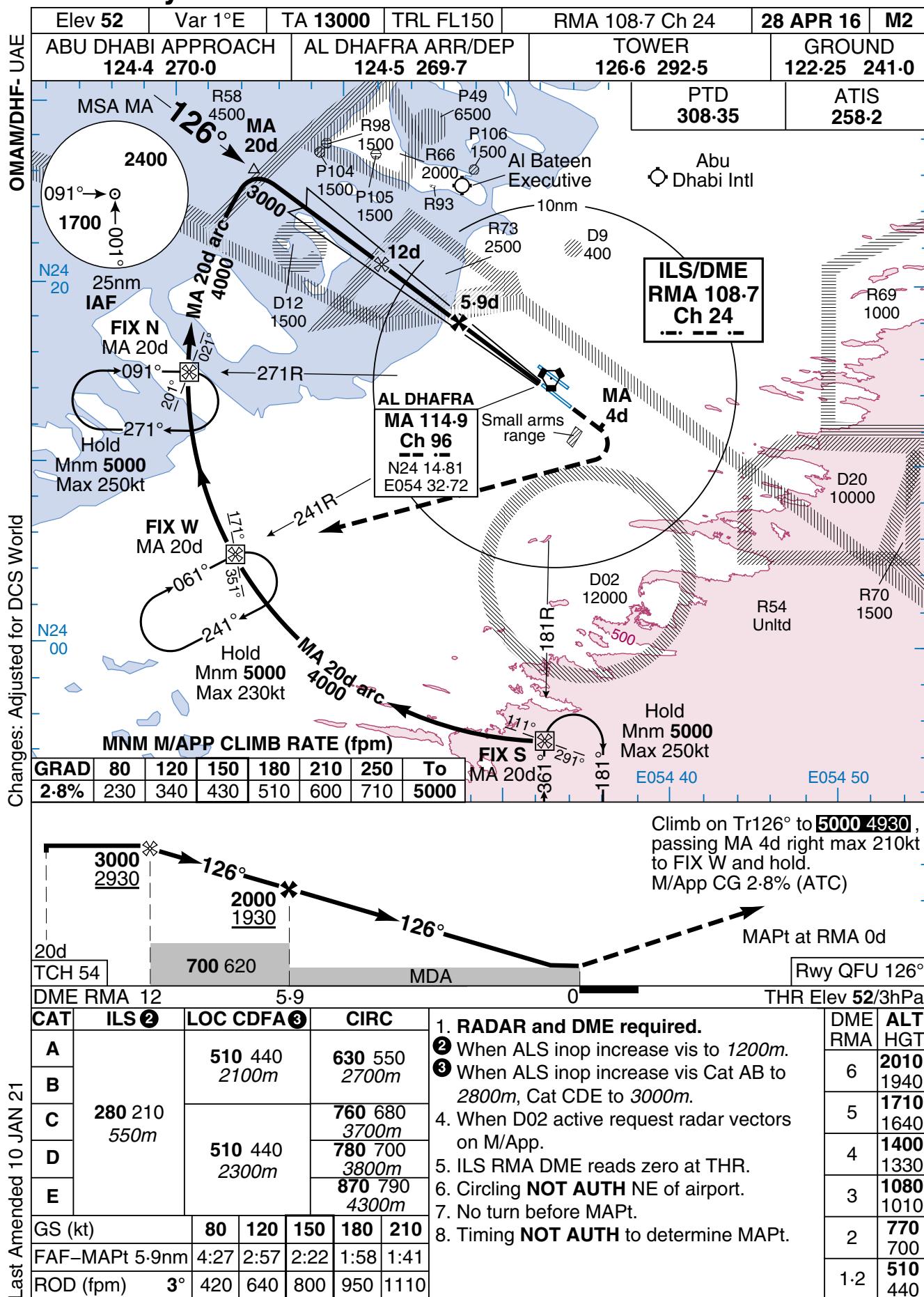


AL DHAFRA

ILS Z Rwy 13L

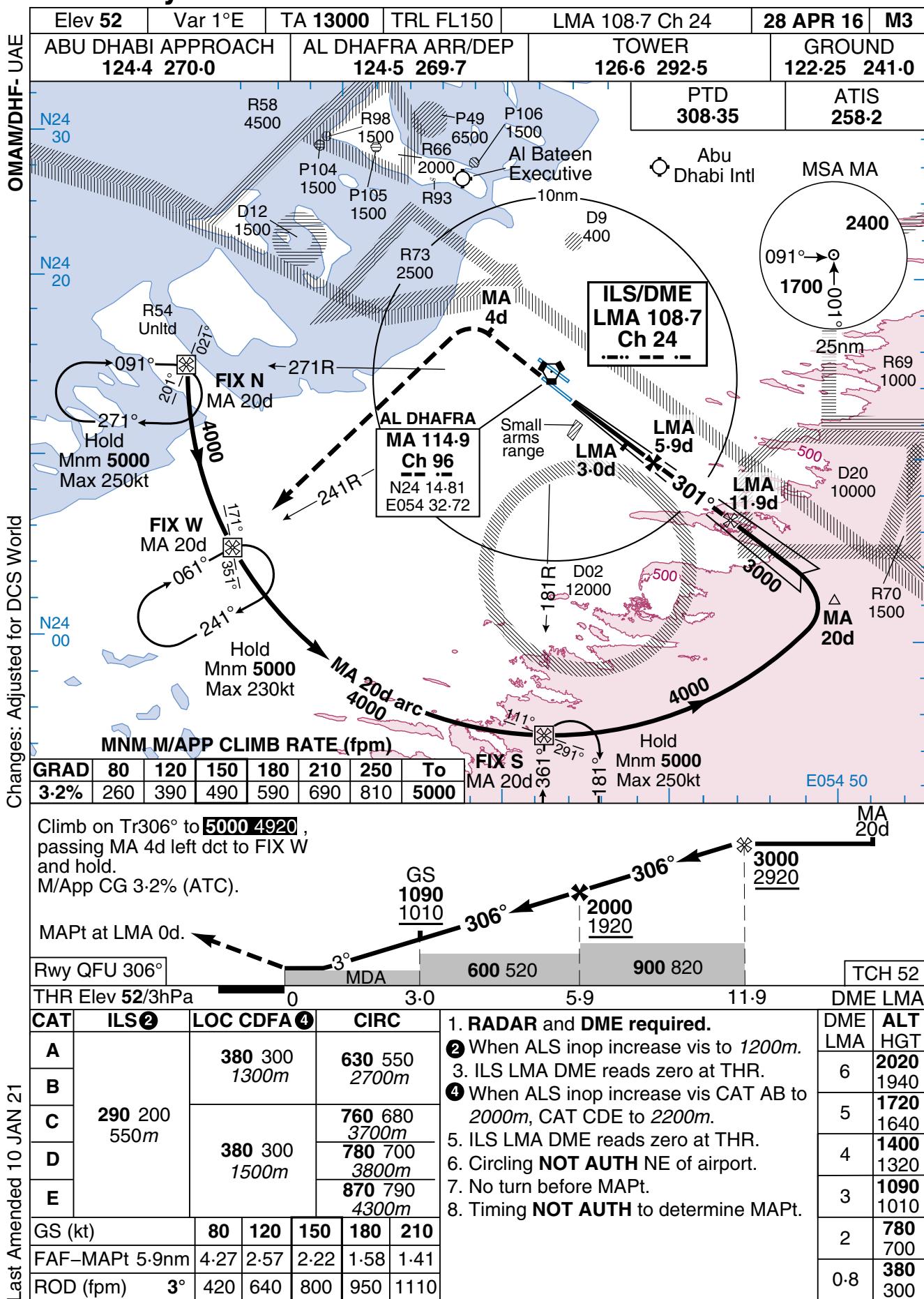
ILS Z Rwy 13R

AL DHAFRA



ILS Z Rwy 31L

AL DHAFRA

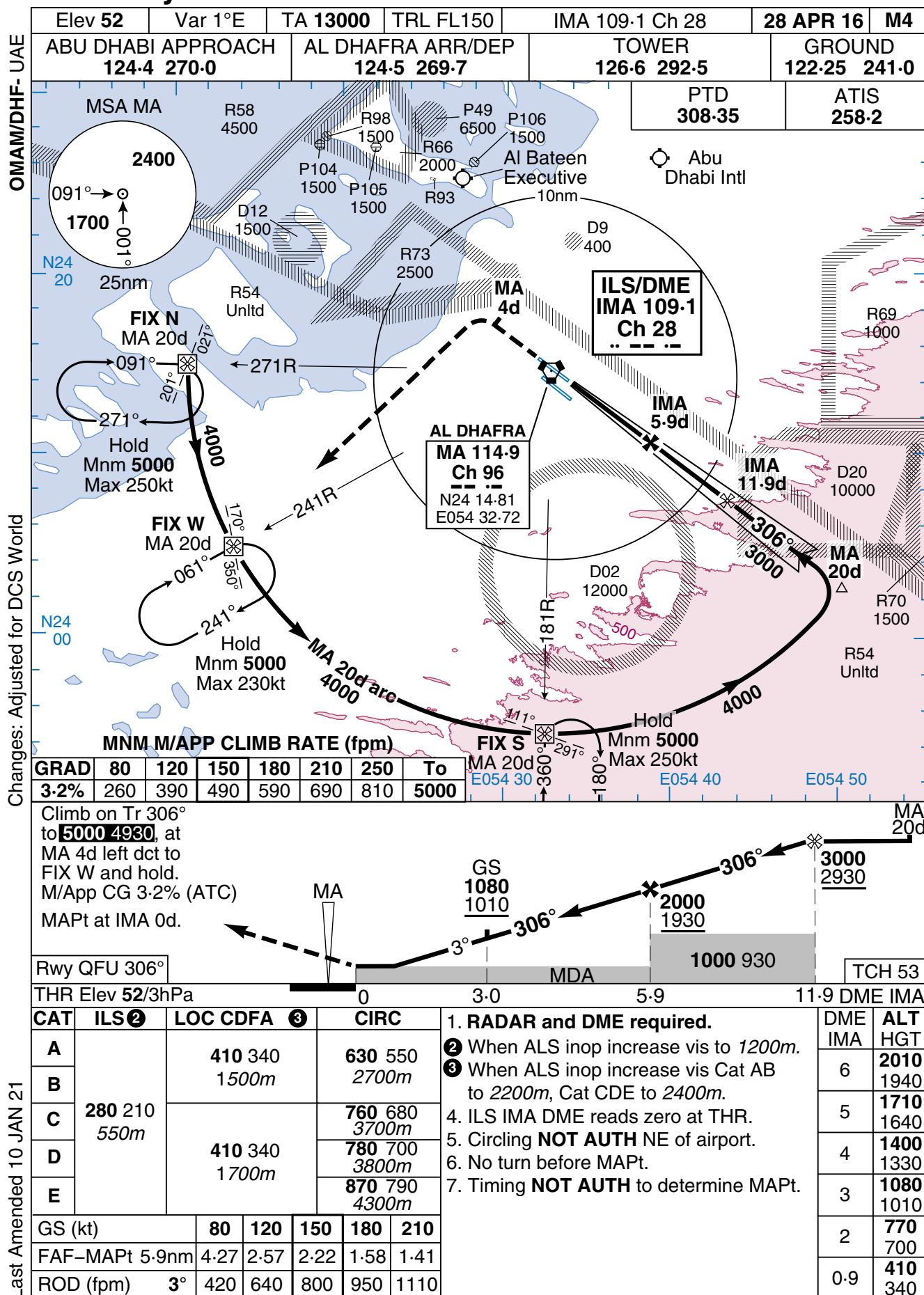


AL DHAFRA

ILS Z Rwy 31L

ILS Z Rwy 31R

AL DHAFRA

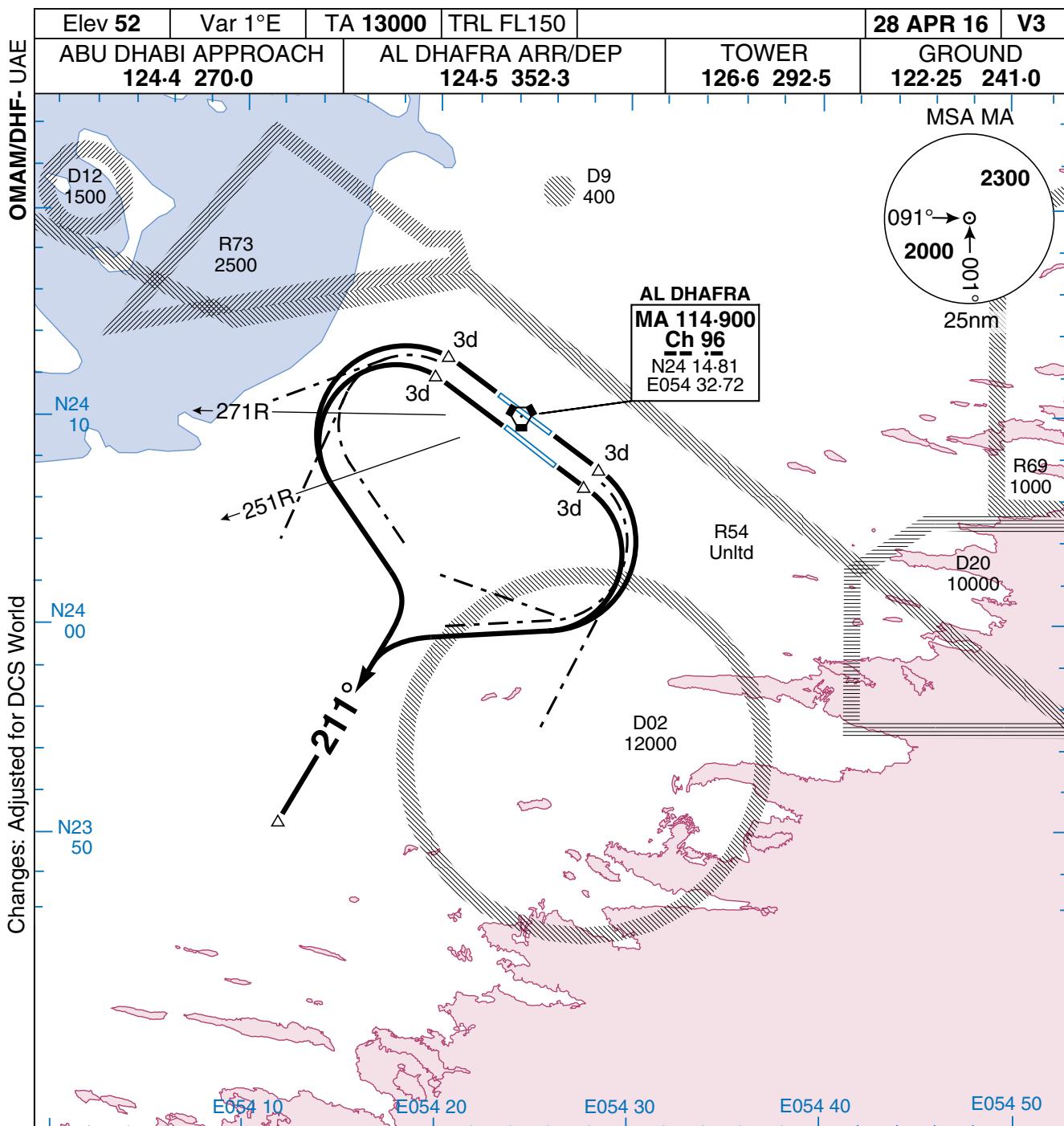


AL DHAFRA

ILS Z Rwy 31R

VFR DEPARTURES

AL DHAFRA



Last Amended 10 JAN 21

	RWY	ROUTEING
LOW LEVEL	13L/R 31L/R	Climb on Rwy hdg, at 3d MA turn Right/Left, intercept 211R direct to point L.
D2	13L/R 31L/R	Climb on Rwy hdg, at 3d MA turn Right/Left. intercept 211R direct to point L.
LOW, MEDIUM AND HIGH LEVEL AREAS	13L/R 31L/R	Climb on Rwy hdg, at 3d MA turn Right/Left. intercept 211R direct to assigned area or to appropriate corridor. Avoid D2 when active.

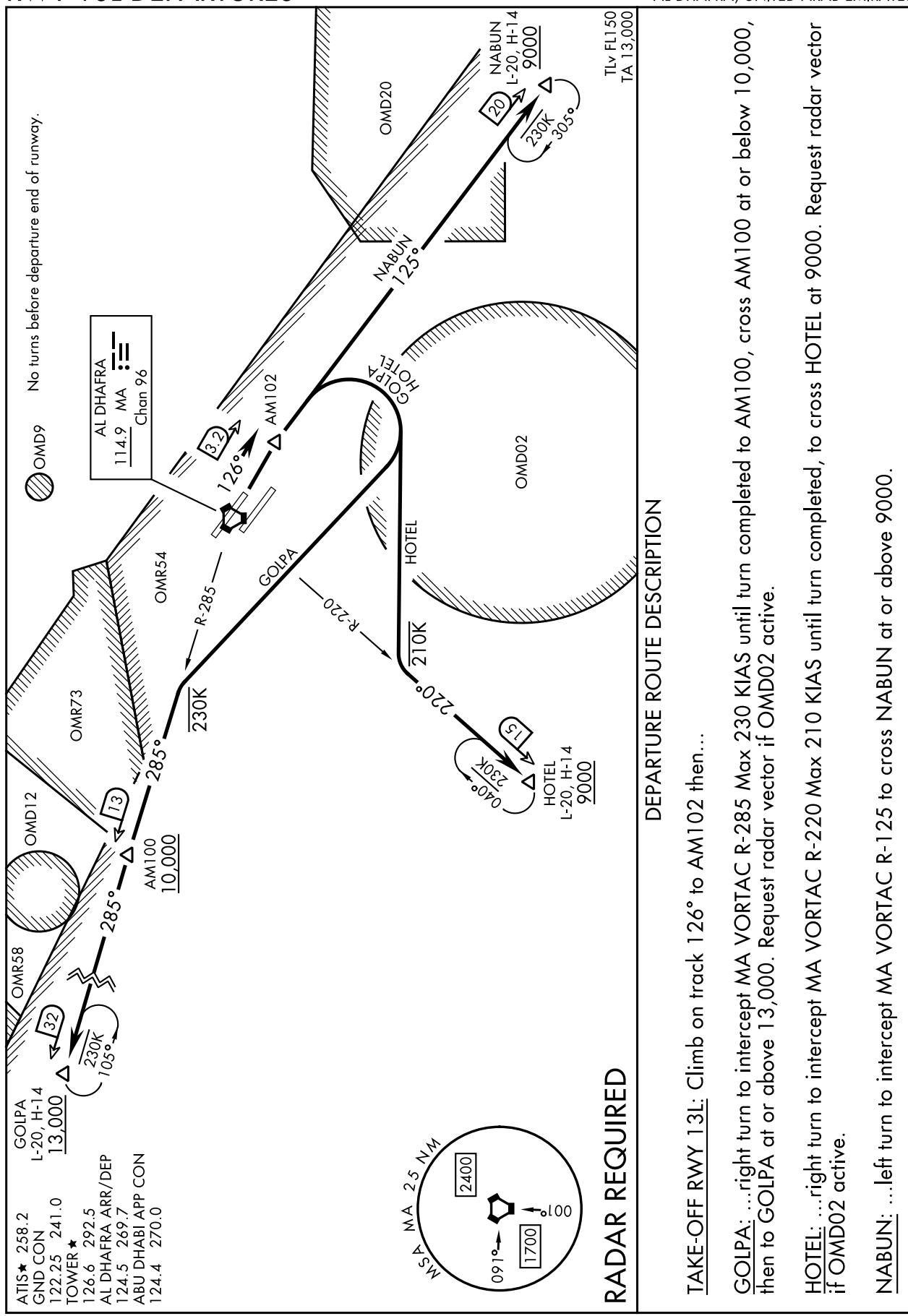
AL DHAFRA

VFR DEPARTURES

RWY 13L DEPARTURES

AL DHAFRA (OMAM)

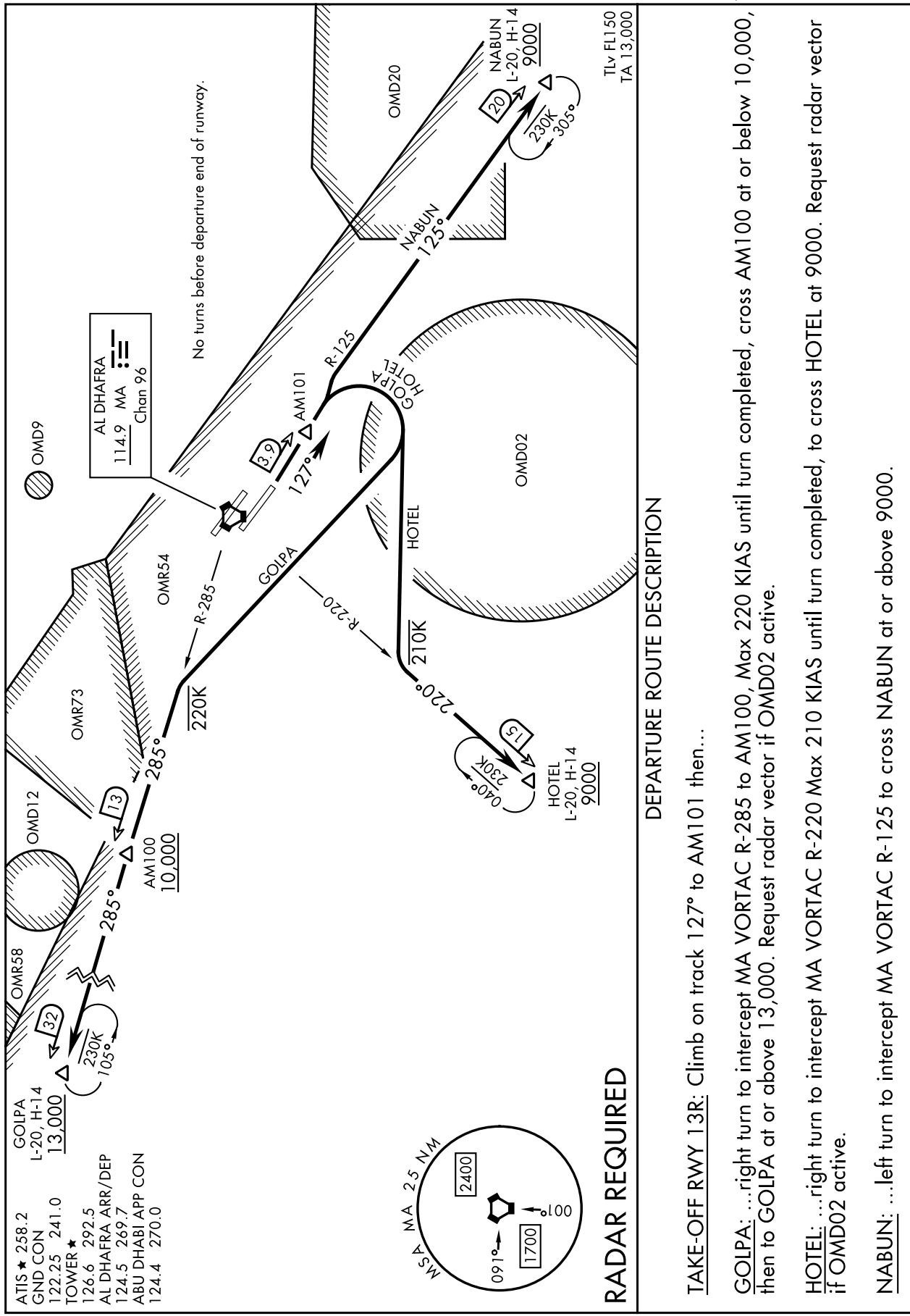
AL DHAFRA, UNITED ARAB EMIRATES



RWY 13R DEPARTURES

AL DHAFRA (OMAM)

AL DHAFRA, UNITED ARAB EMIRATES



RWY 13R DEPARTURES

BASED ON HOST SOURCE {RWY 13R DEPARTURES} DATED (28 APR 2016)

AL DHAFRA, UNITED ARAB EMIRATES

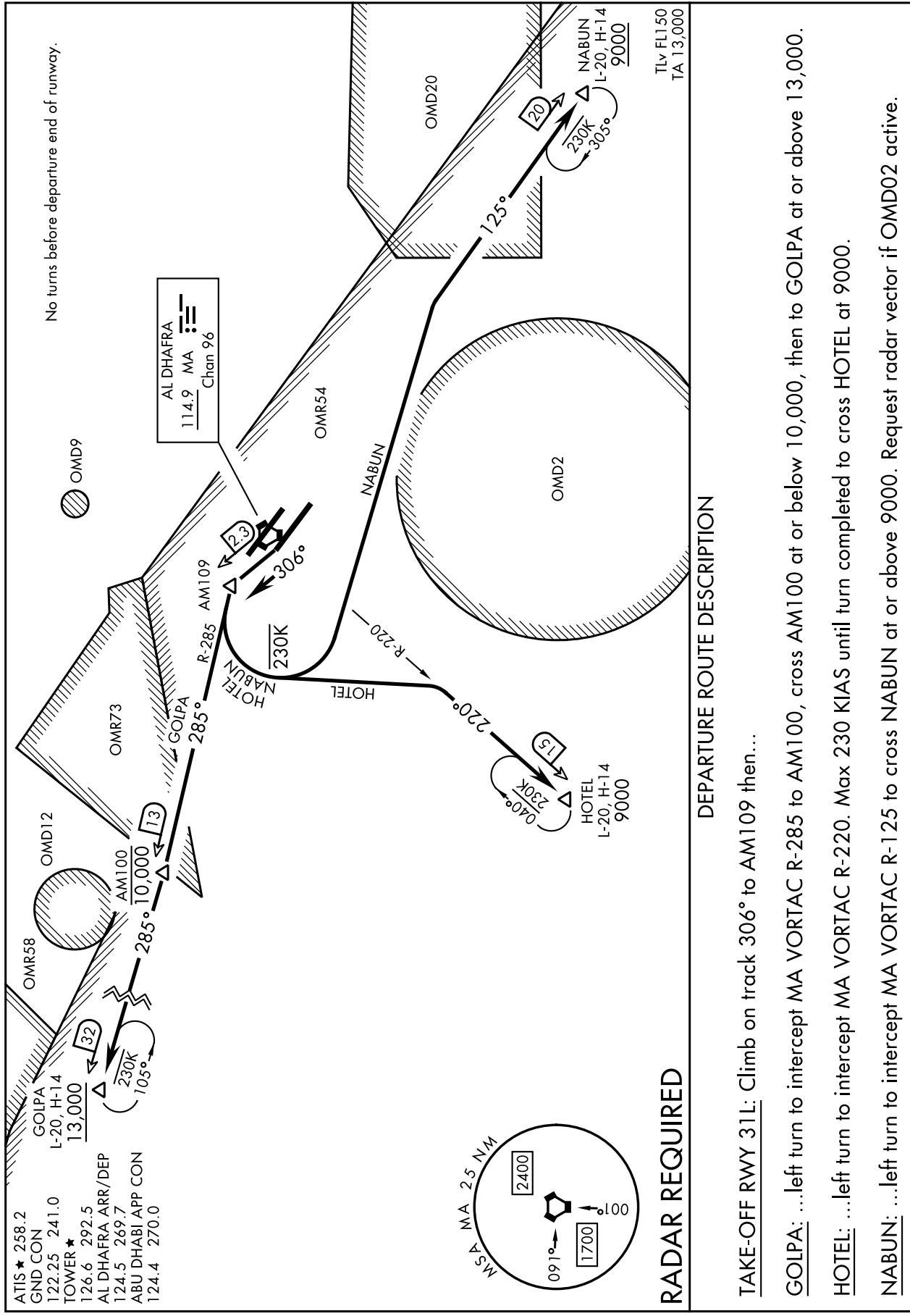
AL DHAFRA (OMAM)

MADE FOR DCS WORLD MISSION YEAR (2016)

RWY 31L DEPARTURES

AL DHAFRA (OMAM)

AL DHAFRA, UNITED ARAB EMIRATES



RWY 31L DEPARTURES

BASED ON HOST SOURCE {RWY 31L DEPARTURES} DATED (28 APR 2016)

AL DHAFRA, UNITED ARAB EMIRATES

AL DHAFRA (OMAM)

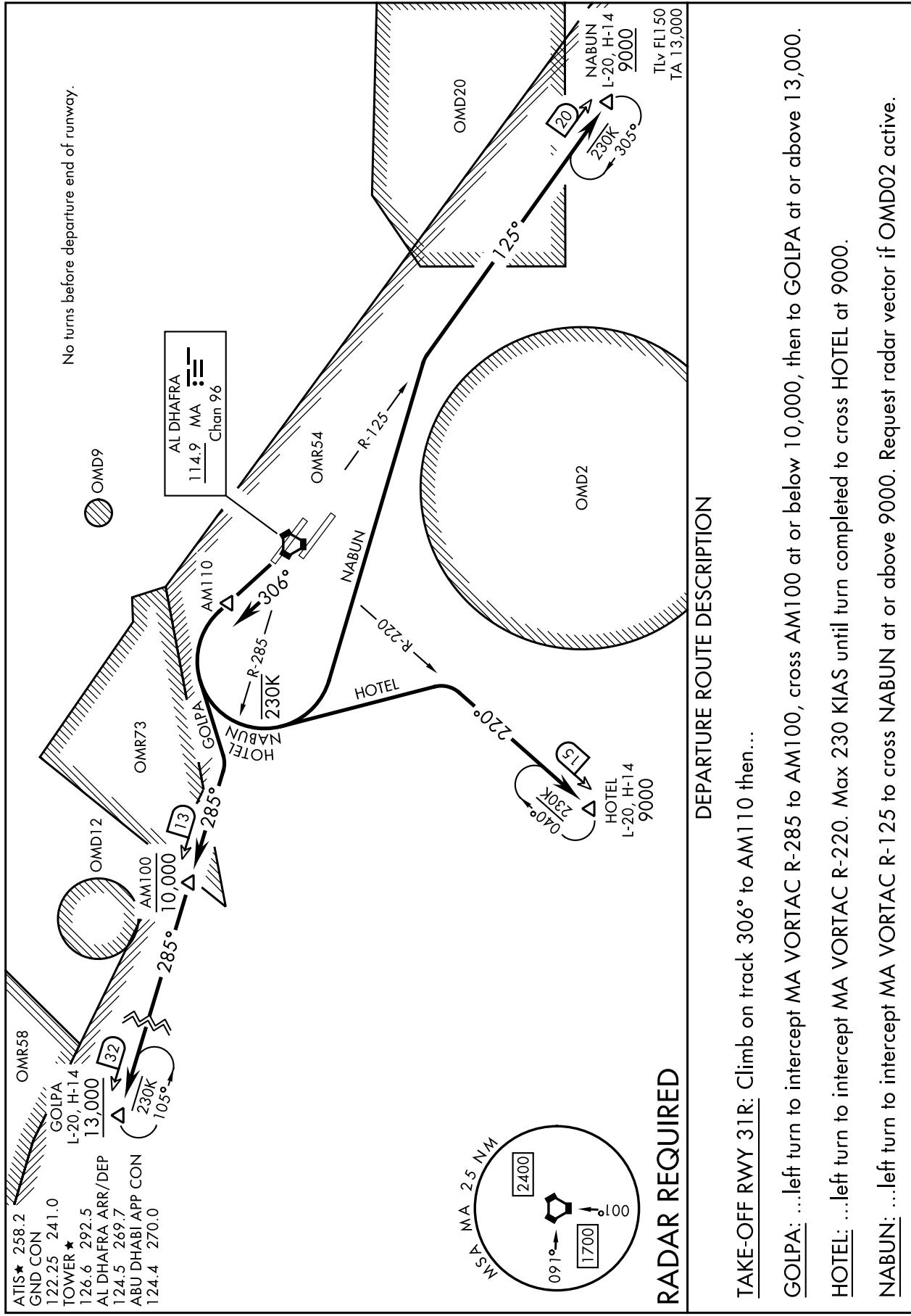
MADE FOR DCS WORLD MISSION YEAR (2016)

RWY 31R DEPARTURES

AL DHAFRA (OMAM)

AL DHAFRA, UNITED ARAB EMIRATES

No turns before departure end of runway.



RWY 31R DEPARTURES

BASED ON HOST SOURCE {RWY 31R DEPARTURES} DATED (23 JUN 2016)

AL DHAFRA, UNITED ARAB EMIRATES

AL DHAFRA (OMAM)

MADE FOR DCS WORLD MISSION YEAR (2016)

AERODROME

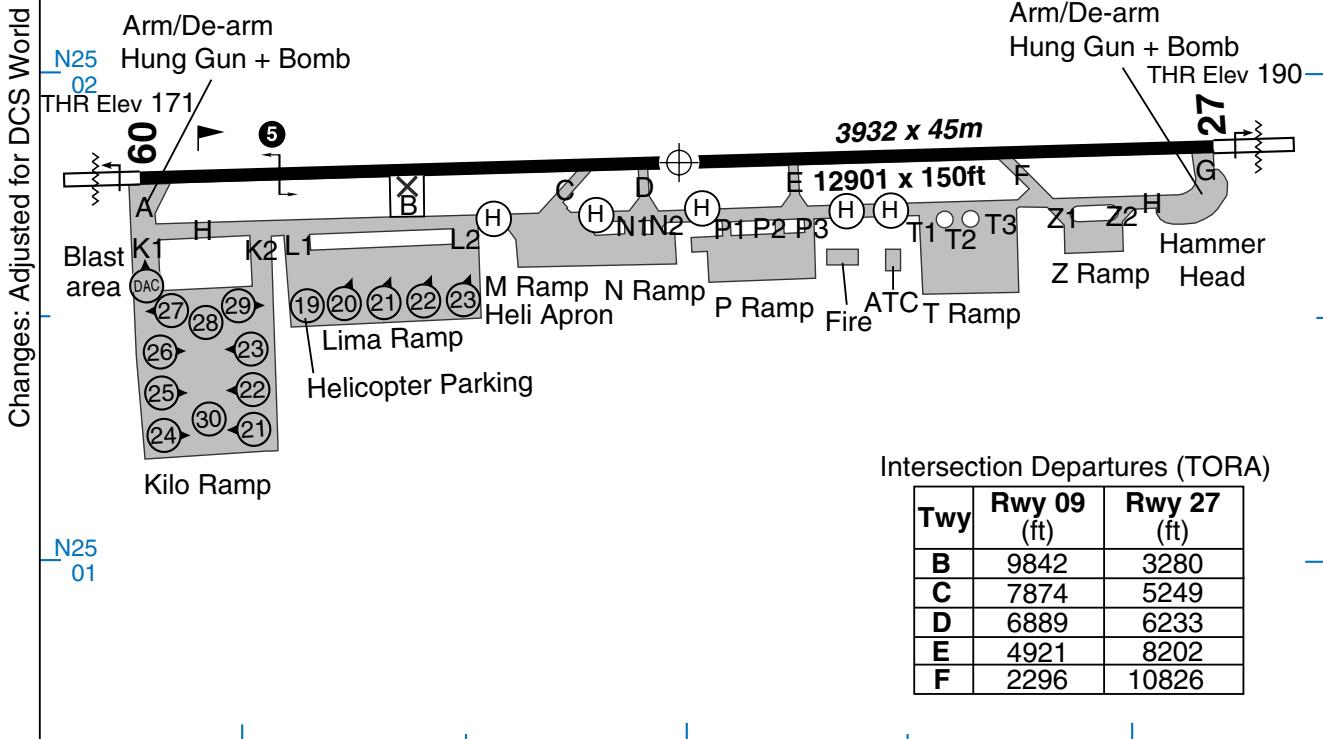
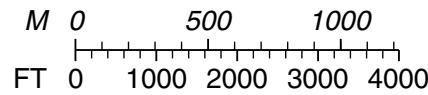
DUBAI/Minhad

Elev 184	Var 1°E	ARP	N25 01.61 E055 21.98 (WGS 84)	02 FEB 17	D1
MINHAD GROUND 290.6 122.025		TOWER 248.2 118.65		APP/RADAR 230.4 122.5	
E055 21	E055 22			MONKEY (UK Air Ops) 243.4	

N25 03

E055 23

THRESHOLD COORDINATES
Rwy 09 – N25 01.59 E055 20.80
Rwy 27 – N25 01.63 E055 23.15



- CAUTION.** Minhad aeronautical data and procedures are not sourced from State AIP.
- CAUTION.** Obsolete Rwy 27 displaced THR markings remain following completion of Rwy works.
- CAUTION.** Non-standard rwy markings, Assault Landing Zone (ALZ), Rwy 09/27 within the first 3500ft. The ALZ THR is 300ft from Rwy THR and 90ft wide.
- Rwy 09/27. Prior to TKOF taxi forward 500ft to avoid damage to barrier net.
- BAK14 cable is set 420m (1337ft) from Rwy 09 THR.
- Inbd IFR acft are advised to establish contact with Minhad Twr prior to descending below 3000 to obtain traffic info for deconfliction purposes.
- Migratory bird hazard exists, particularly during late summer and Autumn seasons.
- Helis transiting VFR to/from Minhad through the Jumeirah Mandatory Broadcast Zones (MBZ) should broadcast deconfliction information on 134.65. For further information consult Dubai International AIP VFR Chart - ICAO VFR Routes Dubai CTR (AIP Charts OMDB AD-2-91 and ENR 2.2).

RWY	SLOPE	LDA m/ft	APP LGT		RWY LGT
09(090°T)	0.25%U	3932/12901	P3°	CAT 1	RTHL:REDL:RENL
27(270°T)	0.25%D				

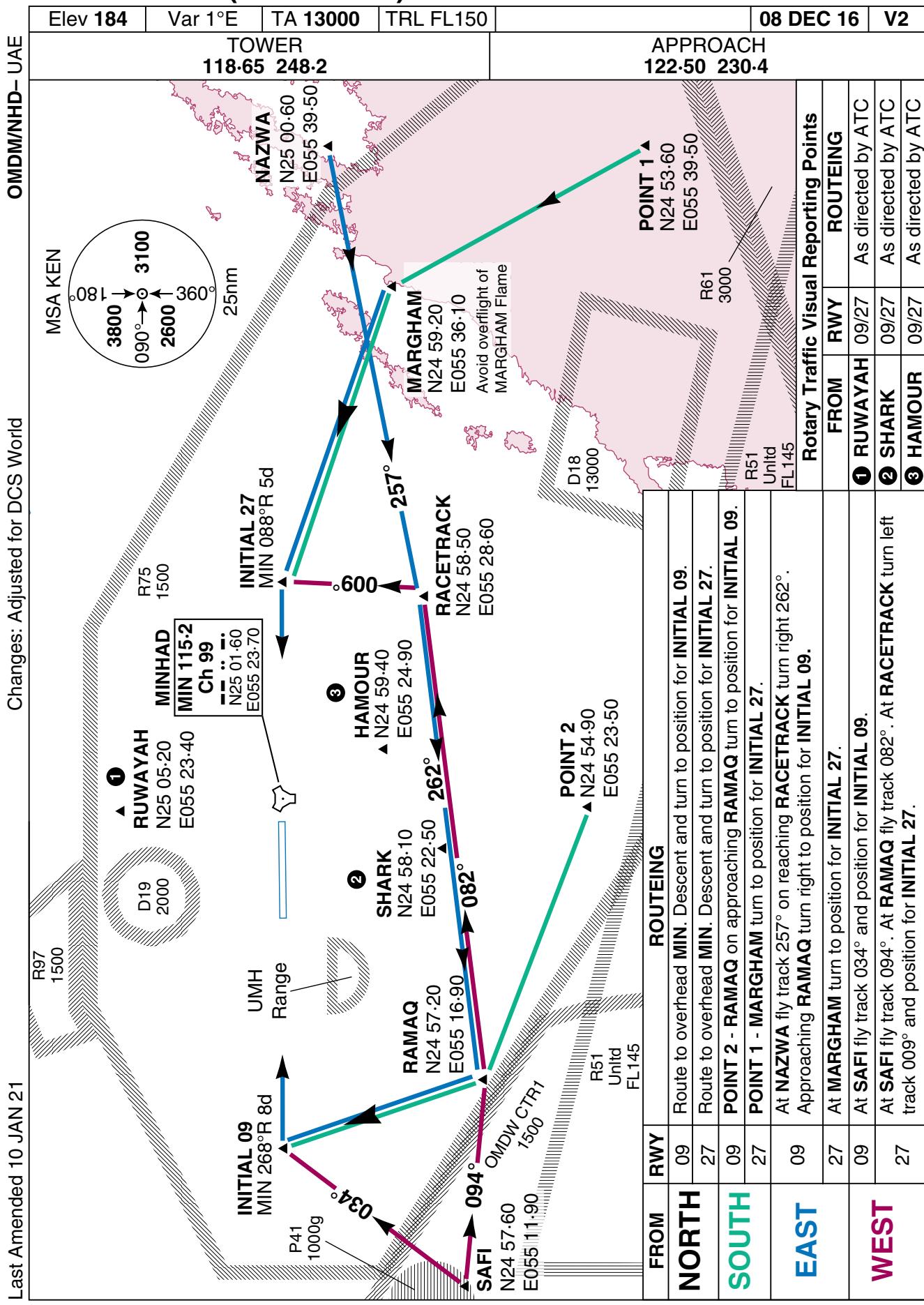
DUBAI/Minhad

AERODROME

Last Amended 10 JAN 21

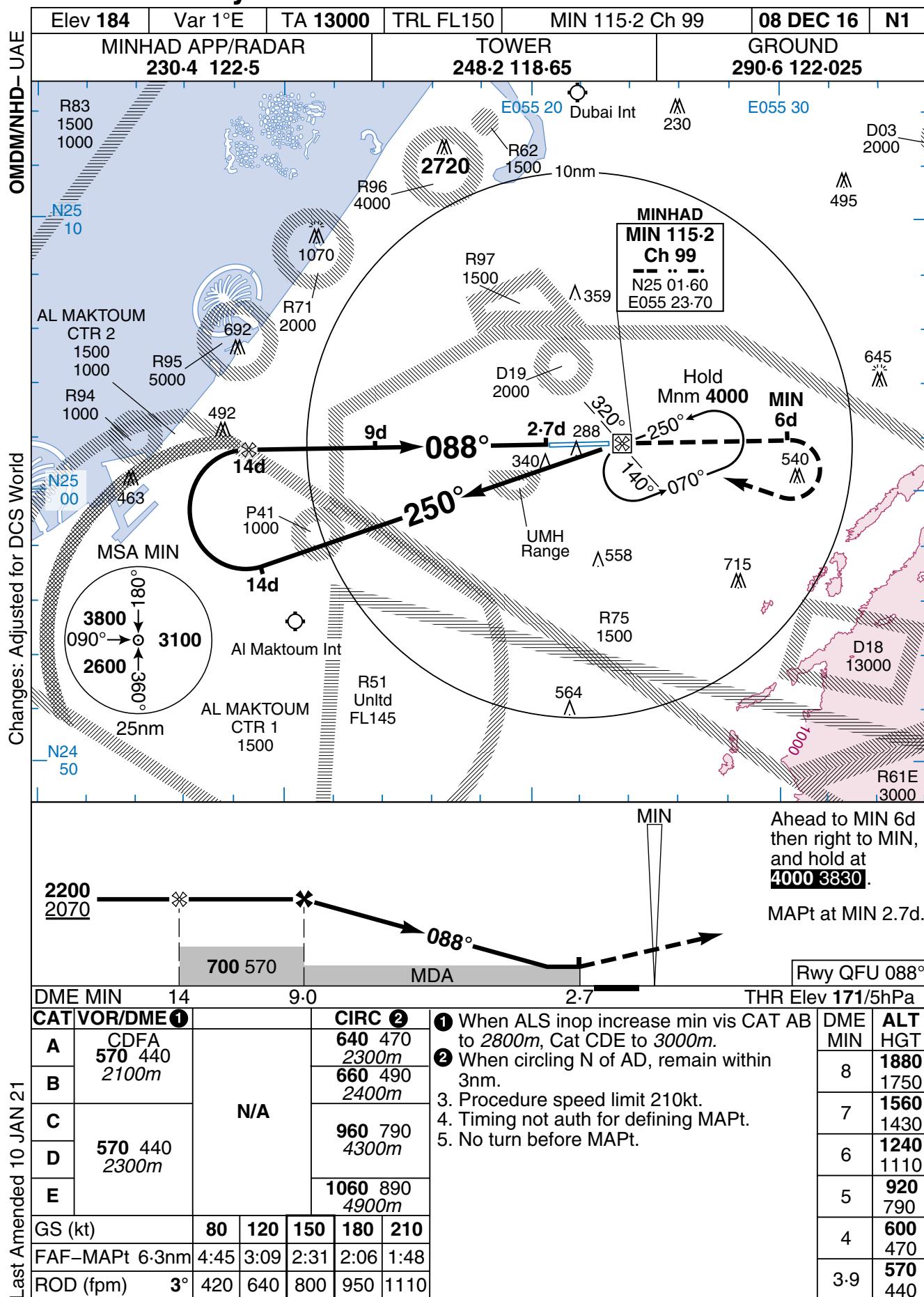
VFR VISUAL (ARRIVALS)

DUBAI/Minhad



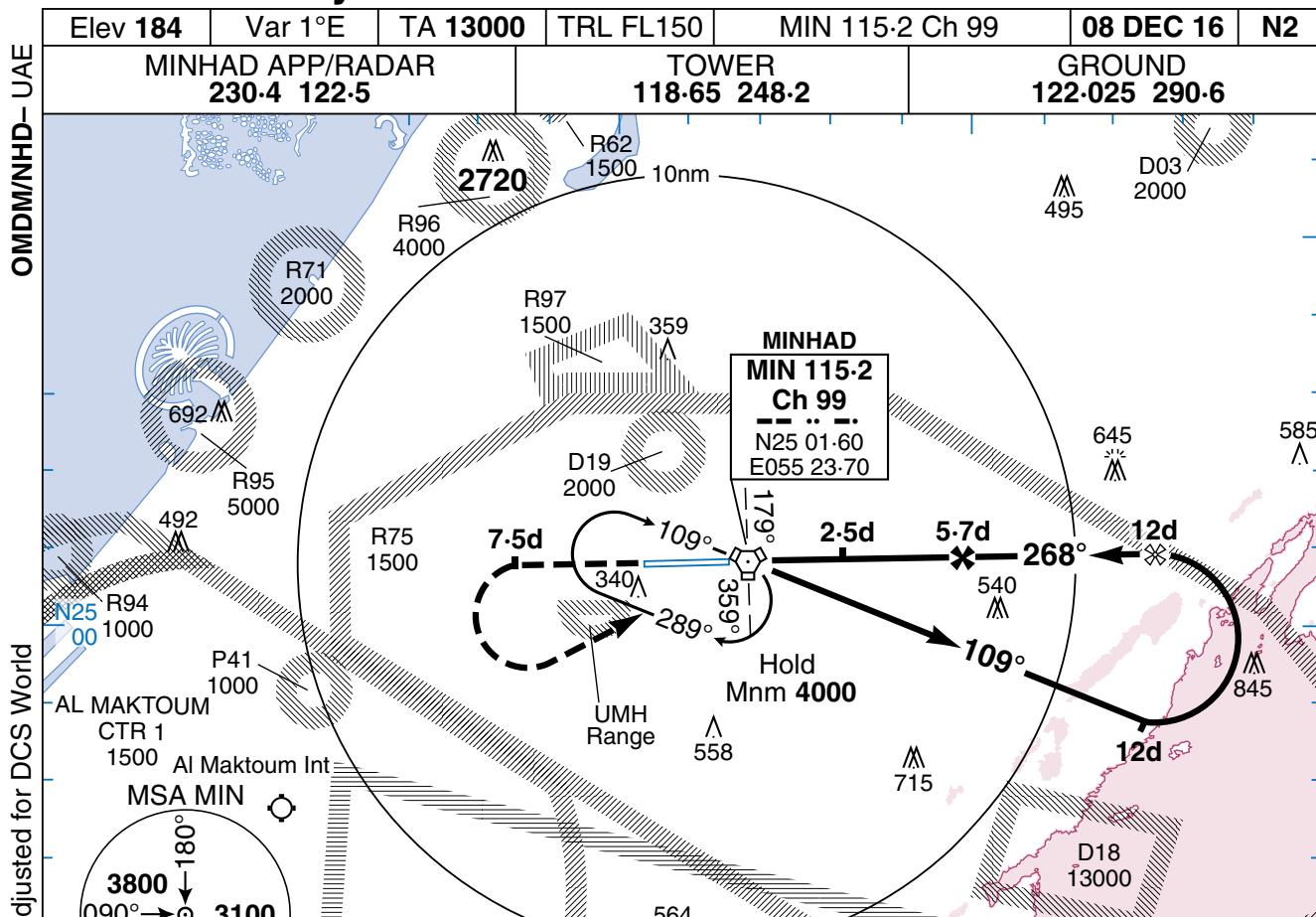
VOR/DME Rwy 09

DUBAI/Minhad



VOR/DME Rwy 27

DUBAI/Minhad



Changes: Adjusted for DCS World

Ahead to 7.5d, then left to MIN and hold at 4000 3830.

MAPt at 0.5d MIN VOR.

Rwy QFU 268°

THR Elev 190/6hPa

MIN
4000
3830

GS
1180
1020

268°

109°

2200
2040

600 440

1200 1040

0.5 2.5 5.7 12

DME MIN

Last Amended 10 JAN 21

CAT	VOR/DME ③	VOR/DME ④	CIRC ②
A	With 2.5d CDFA 520 360 1600m	Without 2.5d CDFA 810 650 3300m	640 470 2300m
B			660 490 2400m
C			960 790 4300m
D	520 360 1800m	810 650 3500m	1060 890 4900m
E			
GS (kt)	80 120 150 180 210		
FAF-MAPt 6.2nm	4:39 3:06 2:29 2:04 1:46		
ROD (fpm)	3° 420 640 800 950 1110		

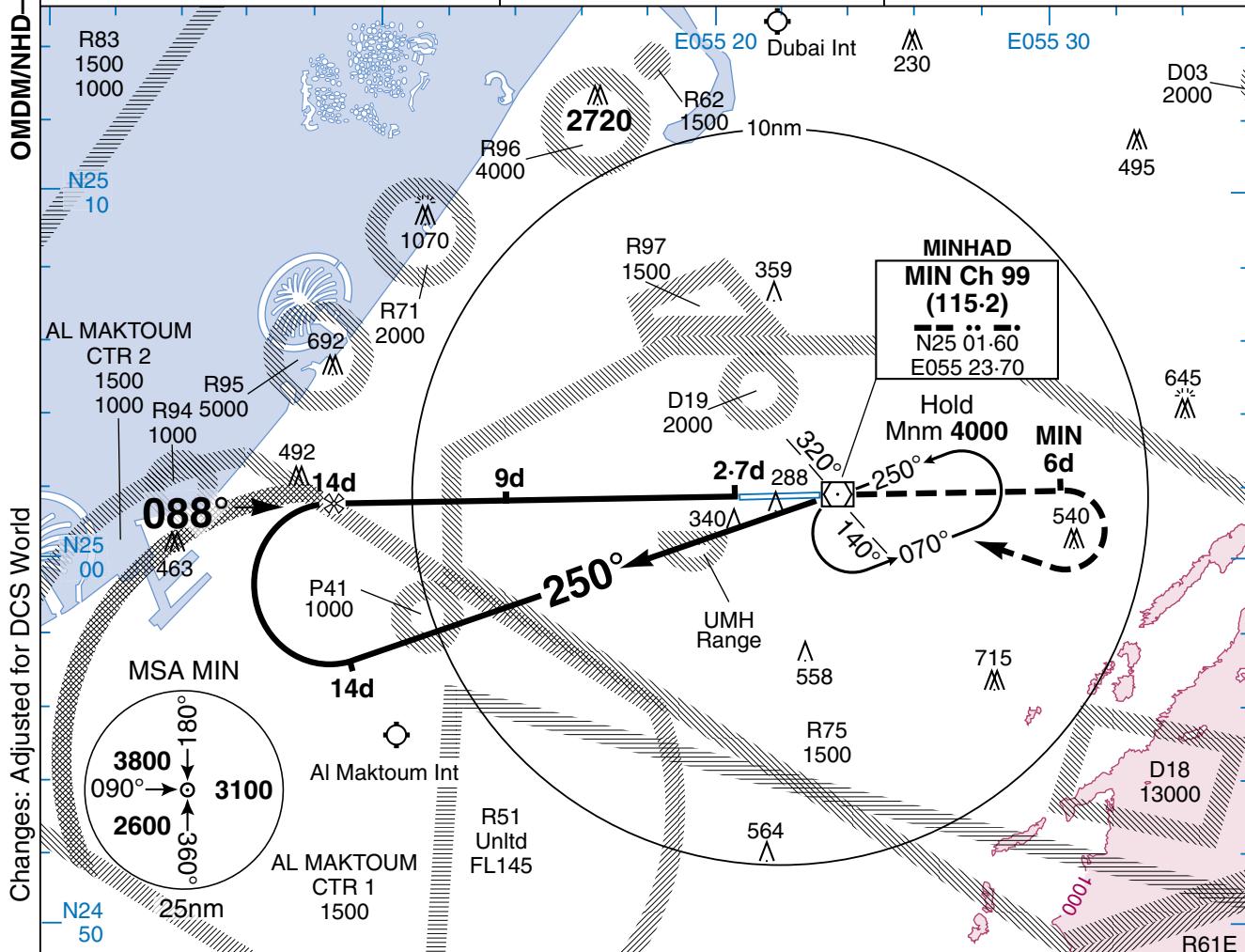
- Procedure speed limit 210kt.
- When CIRC N of AD, remain within 3nm.
- When ALS inop increase vis CAT AB to 2300m, CAT CDE to 2500m.
- When ALS inop increase vis CAT AB to 4000m, CAT CDE to 4200m
- Timing **Not Auth** for defining MAPt.
- No turn before MAPt.

DME MIN	ALT HGT
5	1970 1810
4	1650 1490
3	1330 1170
2	1020 860
1.3	810 650

TACAN Rwy 09

DUBAI/Minhad

Elev 184	Var 1°E	TA 13000	TRL FL150	MIN 115-2 Ch 99	08 DEC 16	R1
UAE	MINHAD APP/RADAR 230-4 122-5	TOWER 248-2 118-65	GROUND 290-6 122-025			



A vertical profile diagram showing altitude changes. The vertical axis ranges from 2070 to 3000 feet. A solid line starts at 2070, goes up to 2200, then down to 700, and finally up to 3000. A dashed line continues from 3000 upwards. Key points include MIN (Minimum Safe Altitude) at 2200, MDA (Minimum Descent Altitude) at 700, and THR (Threshold) at 3000. A note indicates "MAPt at MIN 2.7d.".

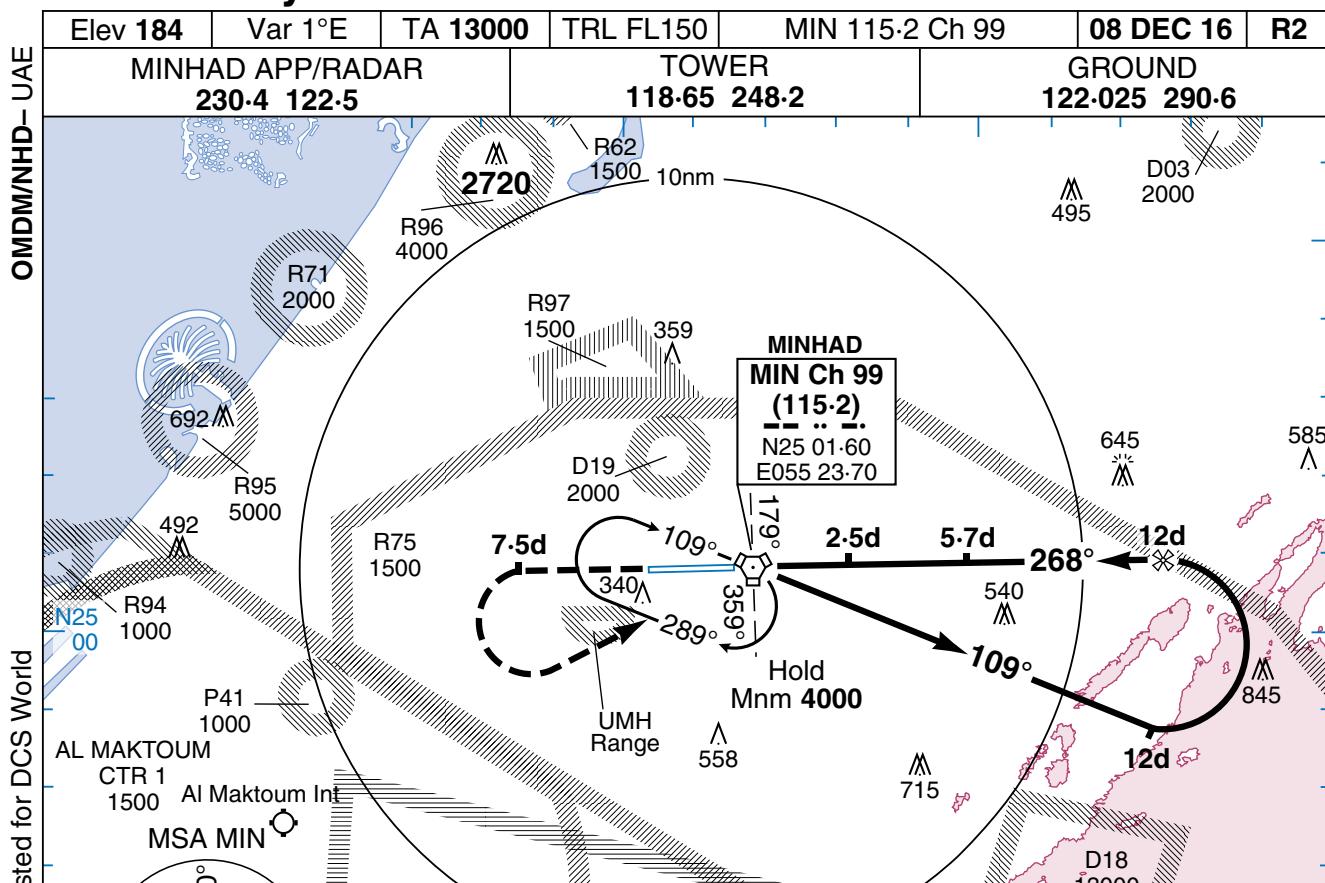
DME	MIN	14	9	2.7	THR	Elev	1715mPa
CAT	TACAN ①			CIRC ②	① When ALS inop increase min vis CAT AB to 2800m, Cat CDE to 3000m. ② When circling N of AD, remain within 3nm. 3. Procedure speed limit 210kt. 4. Timing not auth for defining MAPt. 5. No turn before MAPt.		
A	CDFA 570 440 2100m	N/A	640 470 2300m	① When ALS inop increase min vis CAT AB to 2800m, Cat CDE to 3000m. ② When circling N of AD, remain within 3nm. 3. Procedure speed limit 210kt. 4. Timing not auth for defining MAPt. 5. No turn before MAPt.	① When ALS inop increase min vis CAT AB to 2800m, Cat CDE to 3000m. ② When circling N of AD, remain within 3nm. 3. Procedure speed limit 210kt. 4. Timing not auth for defining MAPt. 5. No turn before MAPt.	DME MIN HGT	ALT 1880 1750 1560 1430 1240 1110 920 790 600 470 570 440
B	660 490 2400m						
C	960 790 4300m						
D	1060 890 4900m						
E							
GS (kt)		80	120	150	180	210	
FAF-MAPt 6.3nm		4:45	3:09	2:31	2:06	1:48	
ROD (fpm)		3°	420	640	800	950	1110

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TACAN Rwy 09

TACAN Rwy 27

DUBAI/Minhad



Changes: Adjusted for DCS World

Ahead to 7.5d, then left to MIN and hold at 4000 3830.

MAPt at 0.5d MIN VOR.

Rwy QFU 268°

THR Elev 190/6hPa

MIN 4000
3830

GS
1180
1020

268°

109°

2200
2040

1200 1040

600 440

MDA

0.5 2.5 5.7 12d

DME MIN

Last Amended 10 JAN 21

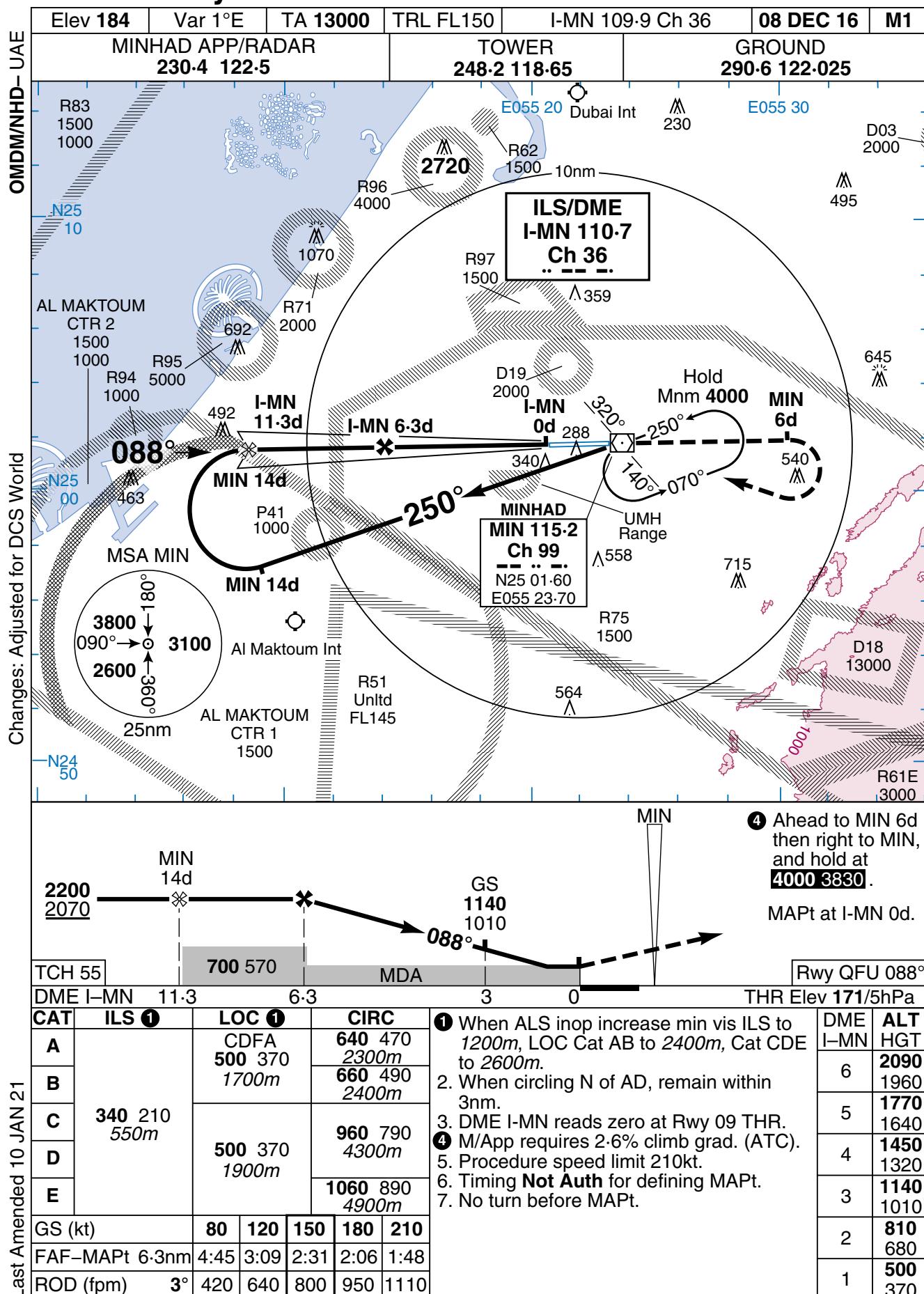
CAT	TACAN ③	TACAN ④	CIRC ②	
A	With 2.5d CDFA 520 360 1600m	Without 2.5d CDFA 810 650 3300m	640 470 2300m	1. Procedure speed limit 210kt. ② When CIRC N of AD, remain within 3d. ③ When ALS inop increase vis CAT AB to 2300m, CAT CDE to 2500m. ④ When ALS inop increase vis CAT AB to 4000m, CAT CDE to 4200m 5. Timing Not Auth for defining MAPt. 6. No turn before MAPt.
B			660 490 2400m	
C			960 790 4300m	
D	520 360 1800m	810 650 3500m	1060 890 4900m	
E				
GS (kt)	80 120 150 180 210			DME ALT HGT
FAF-MAPt 6.2nm	4:39 3:06 2:29 2:04 1:46			5 1970 1810
ROD (fpm)	3° 420 640 800 950 1110			4 1650 1490

1. Procedure speed limit 210kt.
- ② When CIRC N of AD, remain within 3d.
- ③ When ALS inop increase vis CAT AB to 2300m, CAT CDE to 2500m.
- ④ When ALS inop increase vis CAT AB to 4000m, CAT CDE to 4200m
5. Timing **Not Auth** for defining MAPt.
6. No turn before MAPt.

DME MIN	ALT HGT
5	1970 1810
4	1650 1490
3	1330 1170
2	1020 860
1.3	810 650

ILS/DME Rwy 09

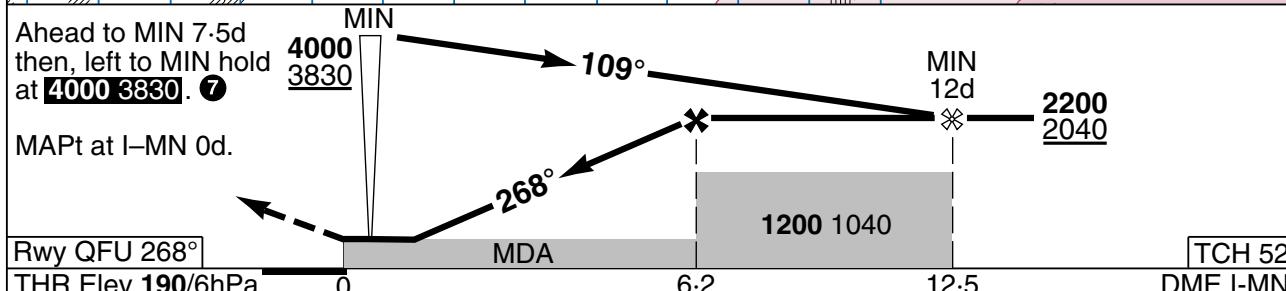
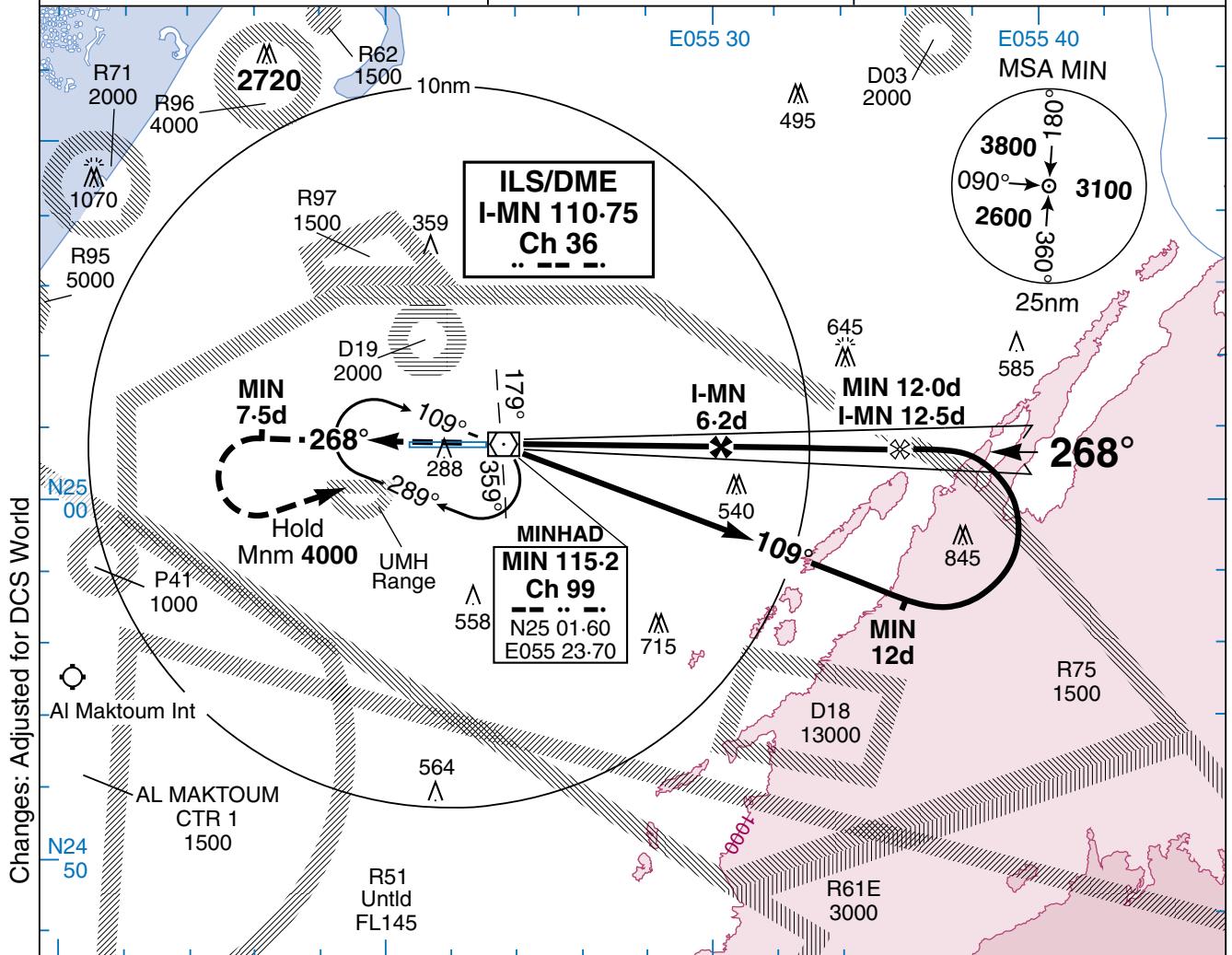
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ILS/DME Rwy 27

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Elev 184	Var 1°E	TA 13000	TRL FL150	I-MN 109.9 Ch 36	05 JAN 17	M2
MINHAD APP/RADAR 230.4 122.5		TOWER 118.65 248.2		GROUNDS 122.025 290.6		



CAT	ILS ①	LOC ①	CIRC ②
A	380 210 550m	CDFA	640 470 2300m
B		500 340 1500m	660 490 2400m
C		500 340 1700m	960 790 4300m
D			1060 890 4900m
E			
GS (kt)	80 120 150 180 210		
FAF-MAPt 6.2nm	4:39 3:06 2:29 2:04 1:46		
ROD (fpm)	3° 420 640 800 950 1110		

Last Amended 10 JAN 21

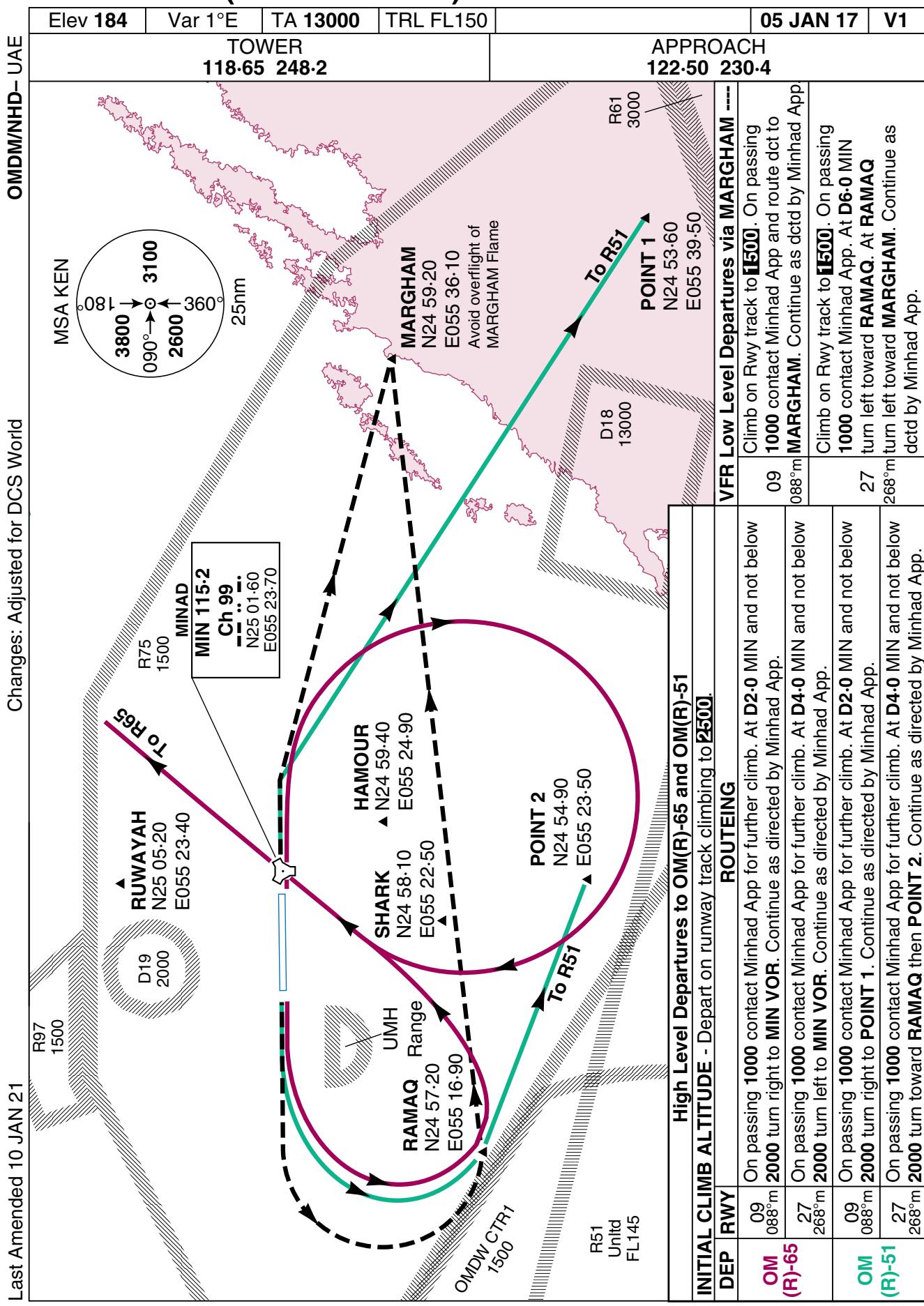
- ① When ALS inop increase min vis ILS to 1300m LOC CAT AB to 2200m LOC CAT CDE to 2400m
- ② When circling N of AD, remain within 3nm.
- 3. DME I-MN reads zero at Rwy 27 THR.
- 4. Procedure speed limit 210kt.
- 5. Timing not auth for defining MAPt.
- 6. No turn before MAPt.
- ⑦ M/App requires 2.6% climb grad. (ATC).

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ILS/DME Rwy 27

VFR VISUAL (DEPARTURES)

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MIPS

VFR VISUAL (DEPARTURES)

Rwy 09/27 SID

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