INSTRUMENT APPROACH CHART - ICAO

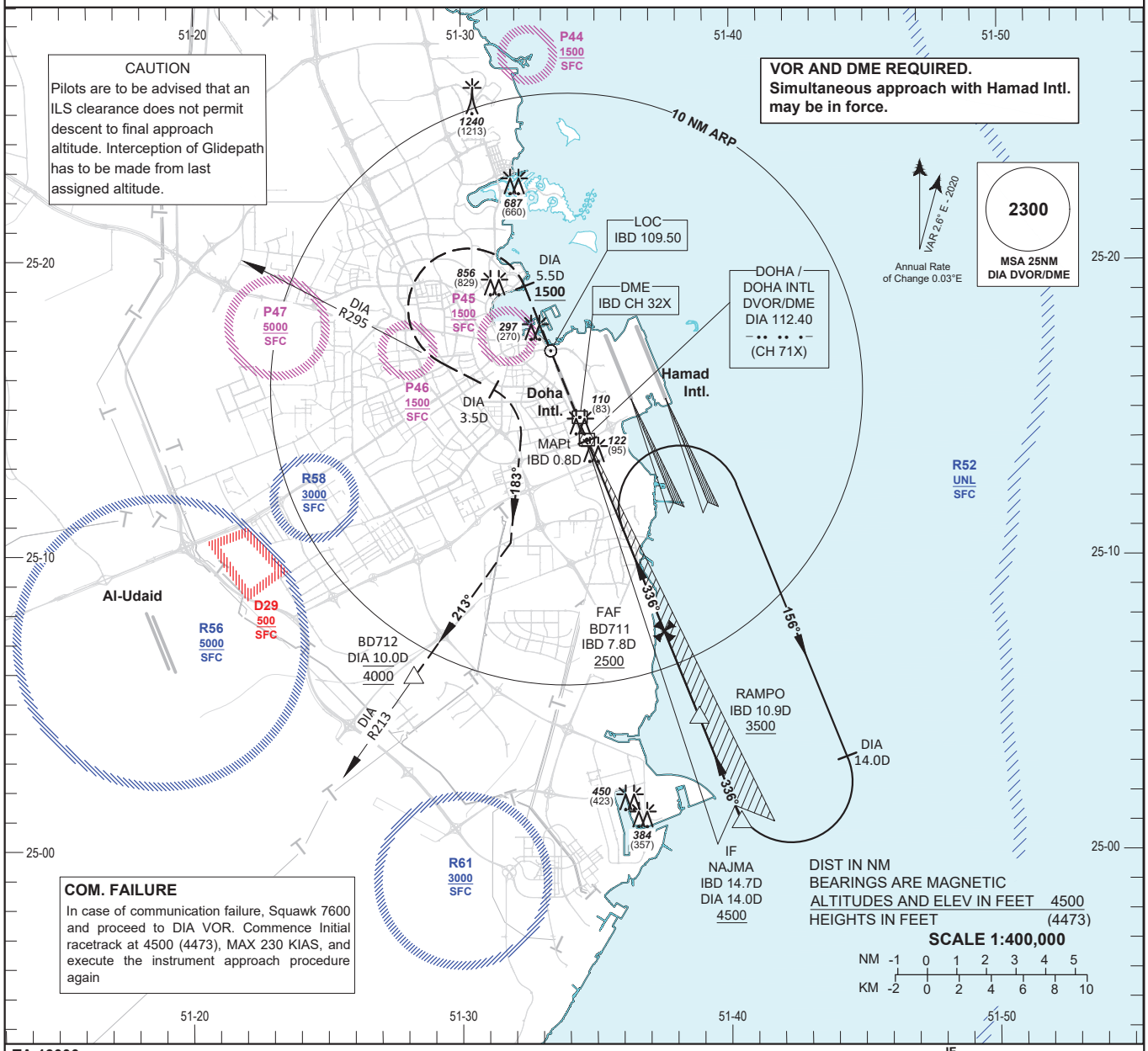
AD ELEV 37
HEIGHTS RELATED TO THR RWY 33 - ELEV 27

DOHA RADAR NORTH	121.10 / 121.625	DOHA DIRECTOR WEST	123.875 / 119.225
DOHA RADAR SOUTH	120.675 / 119.15	DOHA DIRECTOR	124.05 / 121.775
DOHA APP EAST	124.775 / 120.60	DOHA TWR	118.90 / 119.025
DOHA APP WEST	119.725 / 125.125		

DOHA/Doha Intl. (OTBD)
ILS RWY33 CAT II & III
ACFT CAT A B C D E

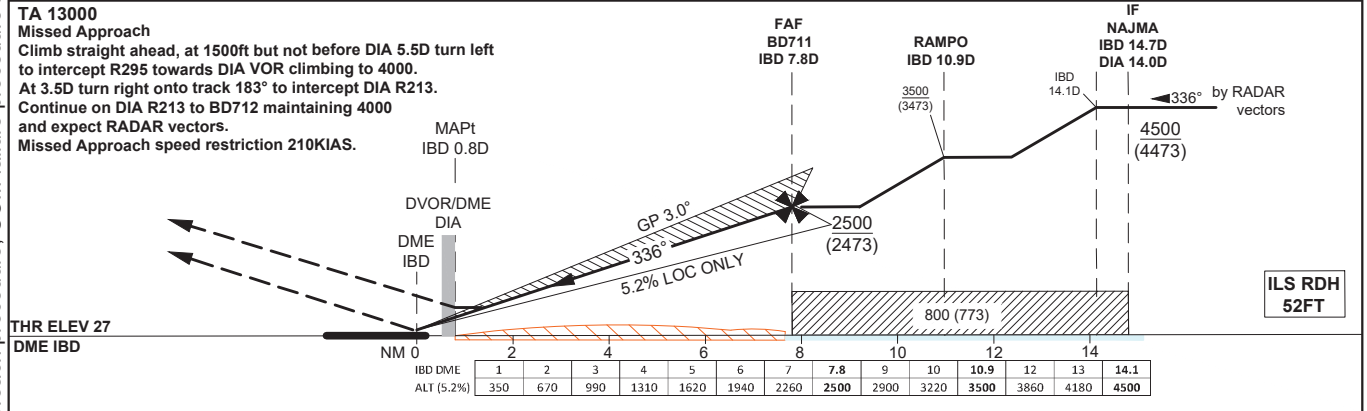
CAUTION
Pilots are to be advised that an ILS clearance does not permit descent to final approach altitude. Interception of Glidepath has to be made from last assigned altitude.

VOR AND DME REQUIRED.
Simultaneous approach with Hamad Intl. may be in force.



COM. FAILURE
In case of communication failure, Squawk 7600 and proceed to DIA VOR. Commence Initial racetrack at 4500 (4473), MAX 230 KIAS, and execute the instrument approach procedure again

TA 13000
Missed Approach
Climb straight ahead, at 1500ft but not before DIA 5.5D turn left to intercept R295 towards DIA VOR climbing to 4000.
At 3.5D turn right onto track 183° to intercept DIA R213.
Continue on DIA R213 to BD712 maintaining 4000 and expect RADAR vectors.
Missed Approach speed restriction 210KIAS.



OCA (OCH)		A	B	C	D	E
Straight in Approach	ILS CAT I	210 (183)	221 (194)	236 (209)	248 (221)	296 (269)
	ILS CAT II	141 (114)	150 (123)	159 (132)	171 (144)	229 (202)
	LOC ONLY	420 (393)				
Circling		720 (683)	910 (873)	1310 (1273)		1550 (1513)

1. IBD DME Zero Ranged to TDZ.
2. Expect RADAR vectors to establish on final approach course 2NM prior to NAJMA (IF).
3. Expect Glide Path intercept shortly after NAJMA (IF) at 4500 (4473) - IBD 14.1D.
4. Aircraft deceleration and configuration may occur prior to NAJMA (IF) or whilst in a continuous descent.
5. In case of Missed Approach inform ATC immediately.
6. Racetrack to be used only in case of communication failure.
7. CAT IIIA and CAT IIIB Approved for aircraft CAT A, B, C, D only.

LOC ONLY Approach: MAPt at IBD 0.8D							
Speed	KT	80	100	120	140	160	180
Time	MIN:SEC	Timing Not Authorized					
RATE OF DESCENT	FT/MIN	420	530	640	740	850	960

Change:Minima table, missed approach procedure, COM failure procedure and obstacles. Withdrawn WK NDB and ADF note.