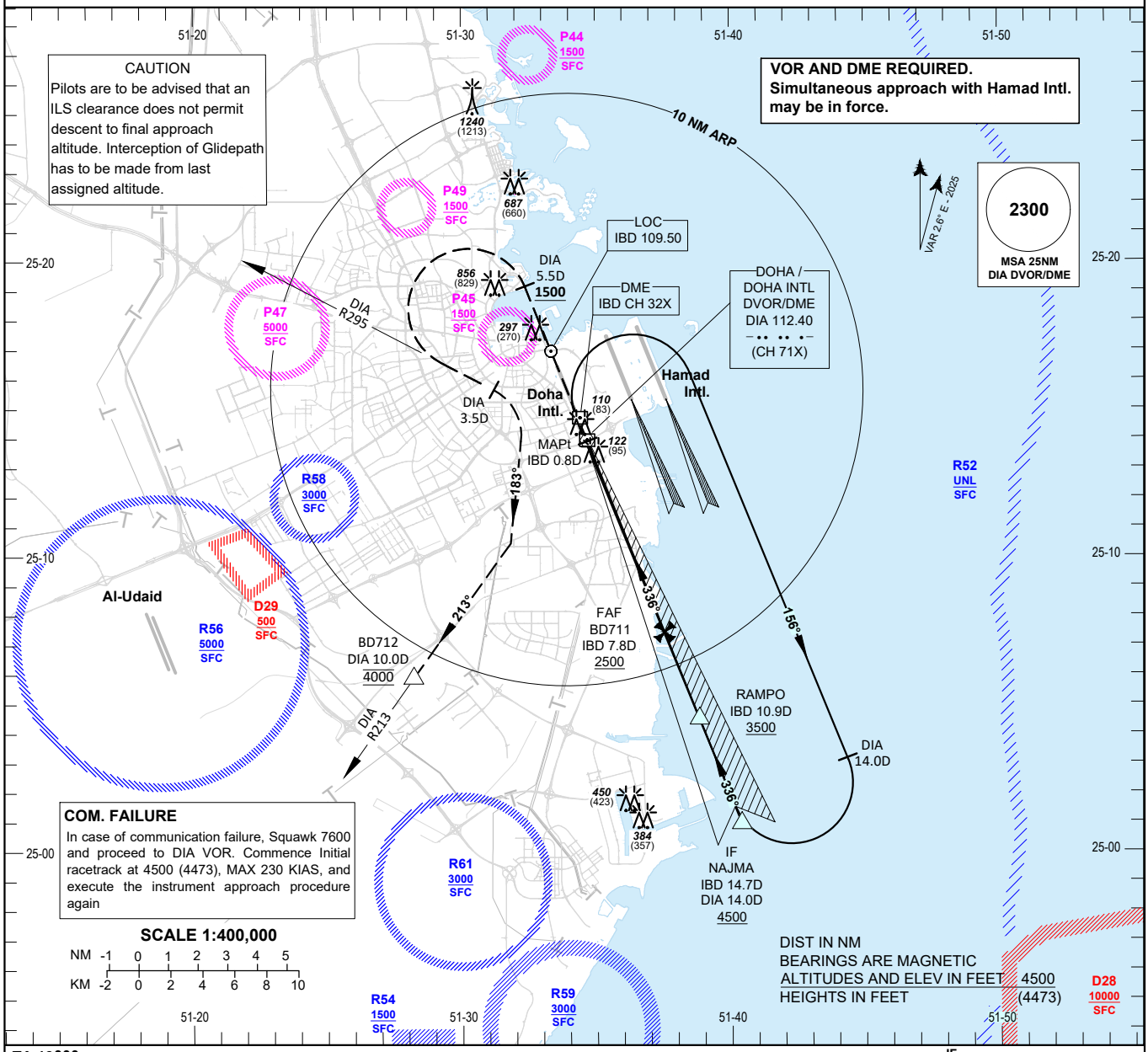
INSTRUMENT APPROACH CHART - ICAO

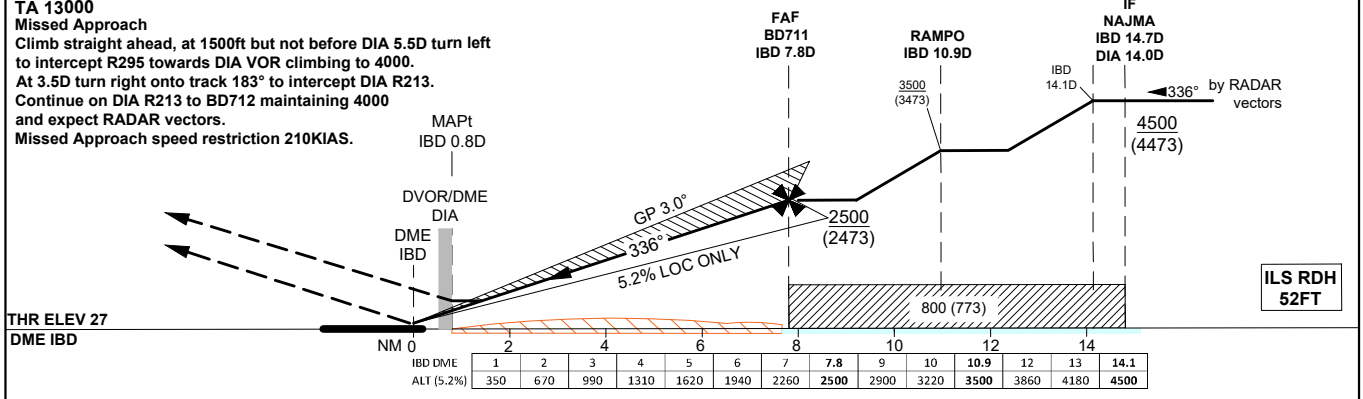
AD ELEV 37
HEIGHTS RELATED TO THR RWY 33 - ELEV 27

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



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

INSTRUMENT APPROACH CHART-ICAO

DOHA/Doha Intl.(OTBD)
ILS RWY 33 CAT II & III
ACFT CAT A B C D E

AERONAUTICAL DATA TABULATION

ILS approach to RWY 33 from NAJMA (IF)	
Fix/Point	**Coordinates**
NAJMA (IF) - BRG 335.55° / 14.73 NM IBD	250057.64N 0514022.44E
RAMPO - BRG 335.55° / 10.92 NM IBD	250430.44N 0513849.01E
BD711 (FAF) - BRG 335.55° / 7.78 NM IBD	250725.96N 0513731.83E
Final approach descent angle (LOC Only) - 3.00°	-
IBD 0.8D (MAPt LOC Only) - BRG 335.55° / 0.76 NM IBD	251358.46N 0513439.02E
DIA 5.5D (MATF) - INT TR 335.55° / 5.50 NM DIA	251909.48N 0513221.84E
DIA 3.5D (MATF) - INT R295 / 3.50 NM DIA	251538.91N 0513111.92E
BD712 (MATF) - INT R213 / 10.00 NM DIA	250552.88N 0512812.51E

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