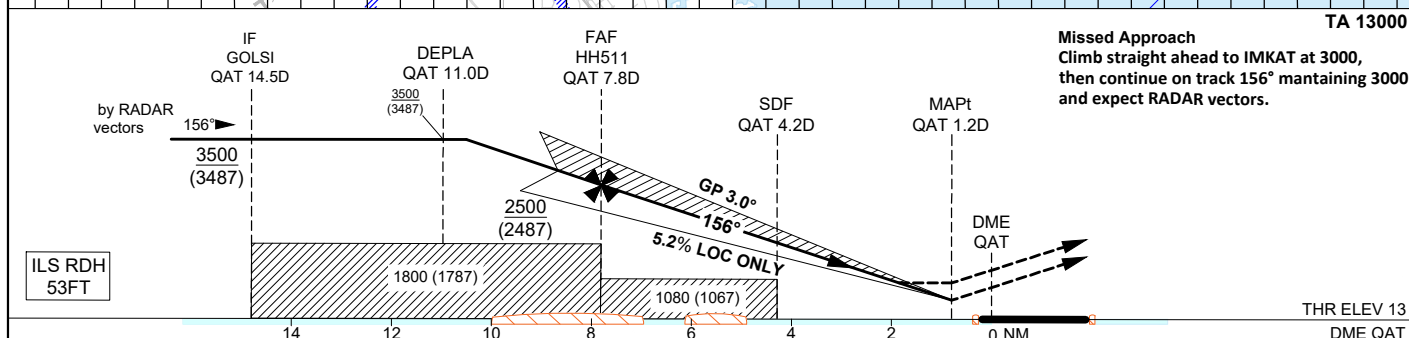
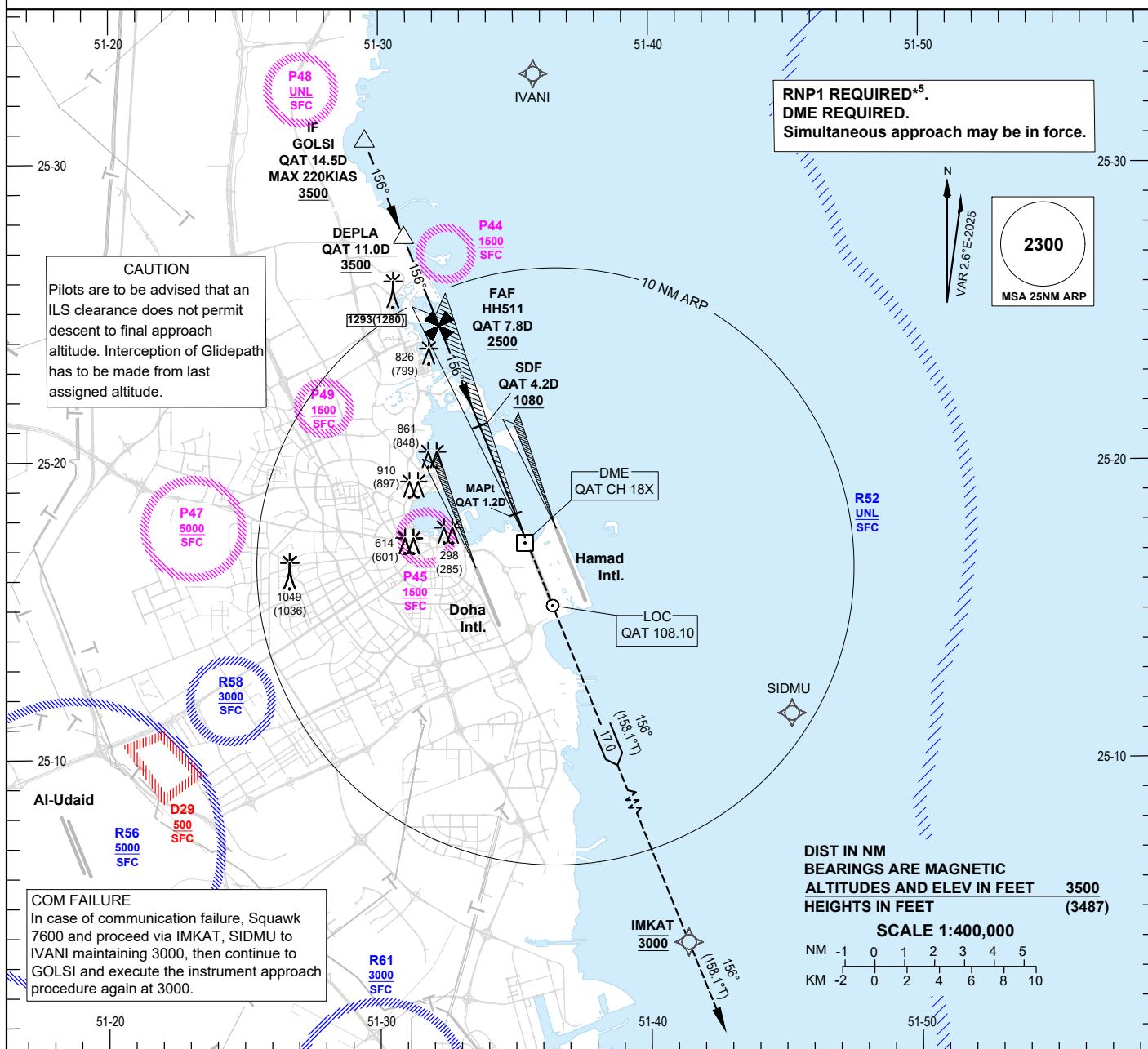


INSTRUMENT
APPROACH
CHART - ICAOAD ELEV 13
HEIGHTS RELATED TO
THR RWY 16R - ELEV 13

DOHA RADAR NORTH	121.100 / 121.625	DOHA DIRECTOR WEST	123.875 / 119.225
DOHA RADAR SOUTH	120.675 / 119.150	HAMAD TWR WEST	118.025 / 118.225
DOHA APP EAST	124.775 / 120.600		
DOHA APP WEST	119.725 / 125.125		

DOHA/Hamad Intl. (OTHH)
ILS RWY16R CAT II & III
ACFT CAT A B C D

											11	10	9	7.8	7	6	5	4	3	2	1	QAT DME				
											3500	3190	2870	2500	2240	1920	1600	1280	960	650	330	ALT (5.2%)				
OCA (OCH)		A			B			C			D															
Straight in Approach	ILS CAT I	188(175)			200 (187)			220 (207)			262 (249)															
	ILS CAT II	84 (71)			96 (83)			114 (101)			135 (122)															
	LOC ONLY							490 (477)																		
Circling					620 (607)						1260 (1247)															
1. QAT DME Zero Ranged to TDZ.											LOC ONLY Approach: MAPt at QAT 1.2D															
2. Expect RADAR vectors to establish on final approach course at GOLSI (IF).											Speed		KT		80		100		120		140		160		180	
3. Expect Glide Path intercept at DEPLA at 3500 (3487).											Time		MIN:SEC		Timing Not Authorized											
4. CAT IIIA and CAT IIIB Approved.											RATE OF DESCENT		FT/MIN		420		530		640		740		850		960	
5. *RNP 1 required in the Missed Approach.																										
6. In case of Missed Approach inform ATC immediately.																										

INSTRUMENT
APPROACH
CHART- ICAODOHA/Hamad Intl.(OTHH)
ILS RWY 16R CAT II & III
ACFT CAT A B C D

AERONAUTICAL DATA TABULATION

TABULAR DESCRIPTION

ILS approach to RWY16R from GOLSI (IF)

Serial Num	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Recom. Navaid	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA(°)/ TCH(ft)	Navigation Specification
1	IF	GOLSI	-	-	-	-	-	+3500	-220	-	-
2	CF	DEPLA	-	156 (158.2)	QAT	3.5	-	+3500	-	-	-
3	CF	HH511	-	156 (158.2)	QAT	3.2	-	+2500	-	-	-
4	CF	THR 16R	-	156 (158.2)	QAT	7.6	-	-	-	-3.00 / 53	-
5	TF	IMKAT	-	156 (158.2)	-	17.0	-	@3000	-	-	RNP 1
6	FM	IMKAT	-	156 (158.2)	-	-	-	-	-	-	RNP 1

Waypoint & Fix/Point list

Waypoint/Fix/Point	Coordinates
GOLSI (IF) - BRG 155.56° / 14.48 NM QAT	253047.17N 0512929.86E
DEPLA - BRG 155.56° / 11.00 NM QAT	252732.66N 0513056.00E
HH511 (FAF) - BRG 155.56° / 7.81 NM QAT	252434.64N 0513214.60E
Final approach descent angle (LOC Only) - 3.00°	-
QAT 4.2D (SDF LOC Only) - BRG 155.56° / 4.20 NM QAT	252112.84N 0513343.68E
QAT 1.2D (MAPt LOC Only) - BRG 155.56° / 1.20 NM QAT	251825.11N 0513457.67E
IMKAT (MATF)	250138.57N 0514220.38E