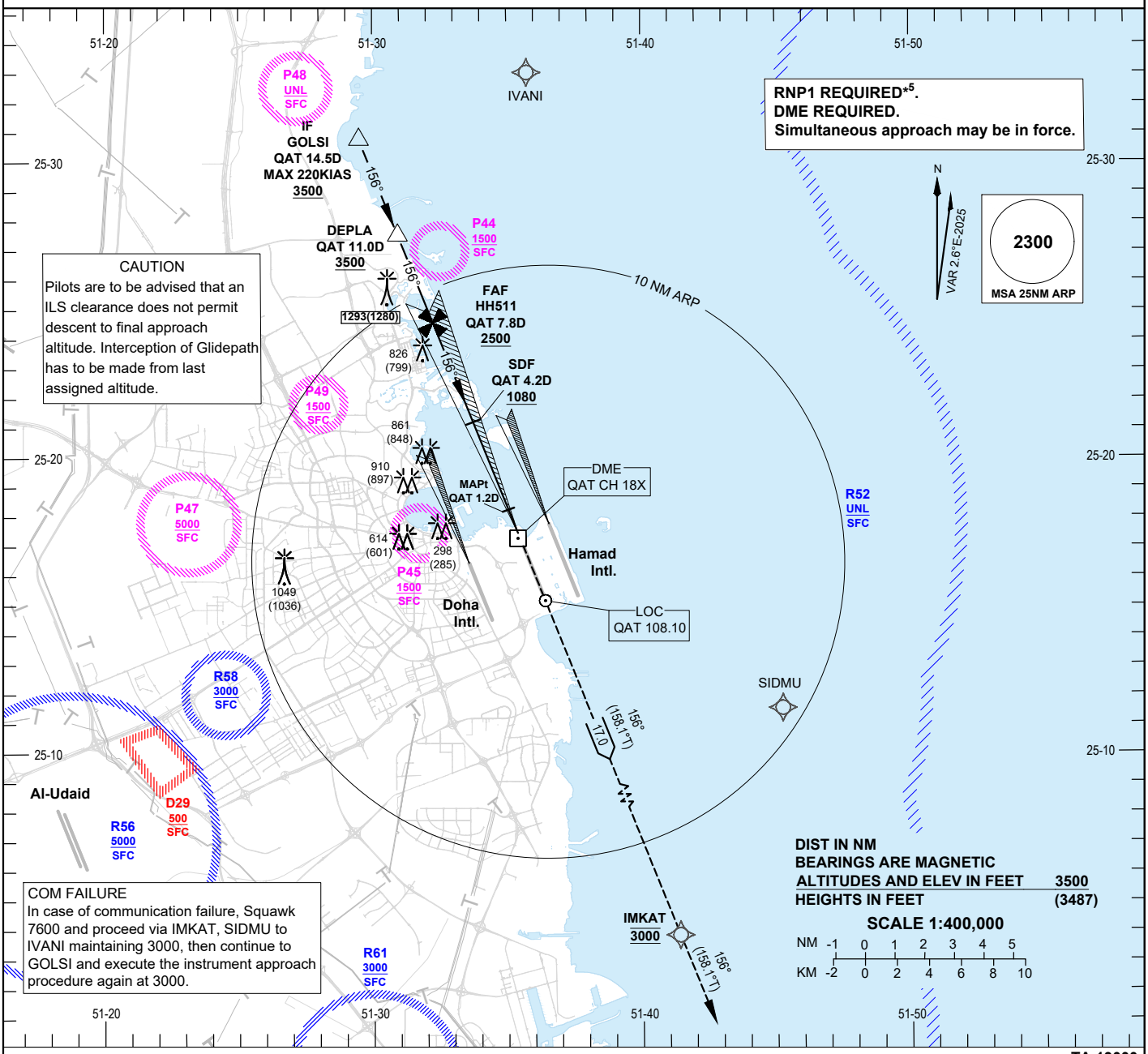
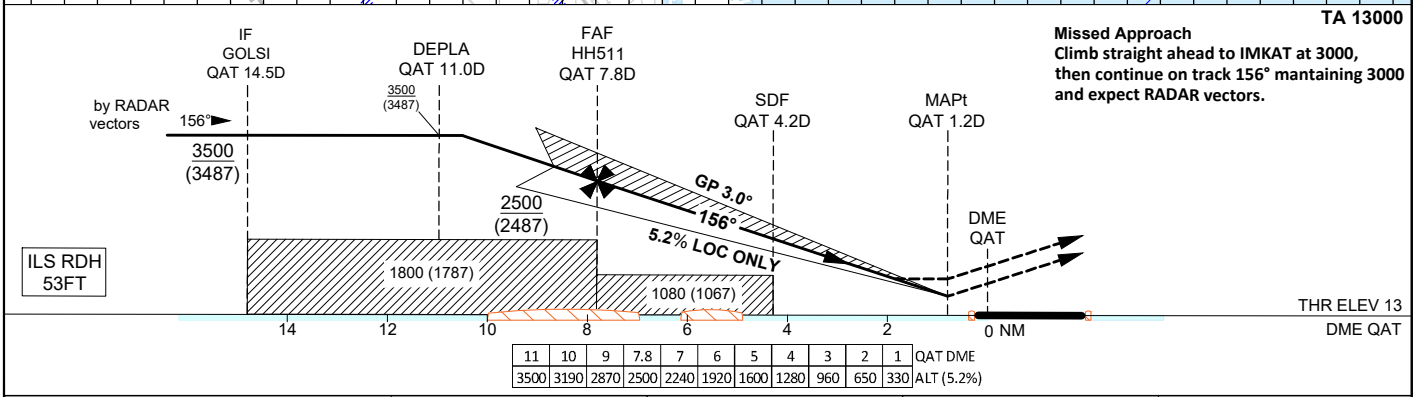
INSTRUMENT APPROACH CHART - ICAO

AD 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





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.
2. Expect RADAR vectors to establish on final approach course at GOLSI (IF).
3. Expect Glide Path intercept at DEPLA at 3500 (3487).
4. CAT IIIA and CAT IIIB Approved.
5. *RNP 1 required in the Missed Approach.
6. In case of Missed Approach inform ATC immediately.

LOC ONLY Approach: MAPt at QAT 1.2D							
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/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

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