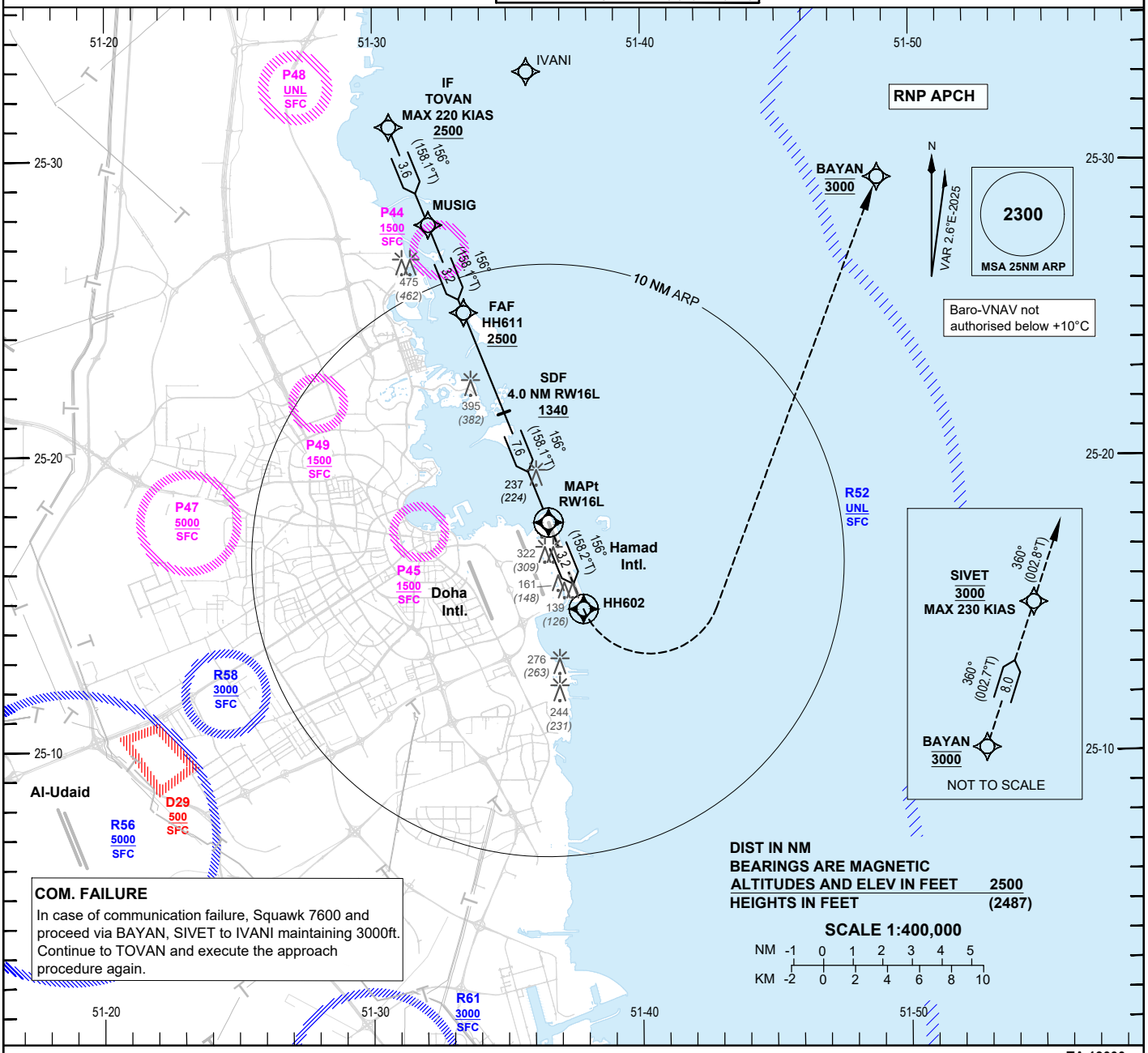
INSTRUMENT APPROACH CHART - ICAO

AD ELEV 13
HEIGHTS RELATED TO THR RWY 16L - ELEV 13

DOHA RADAR NORTH	121.100 / 121.625
DOHA RADAR SOUTH	120.675 / 119.150
DOHA APP EAST	124.775 / 120.600
DOHA DIRECTOR EAST	119.400 / 121.125
HAMAD TWR EAST	118.525 / 118.225

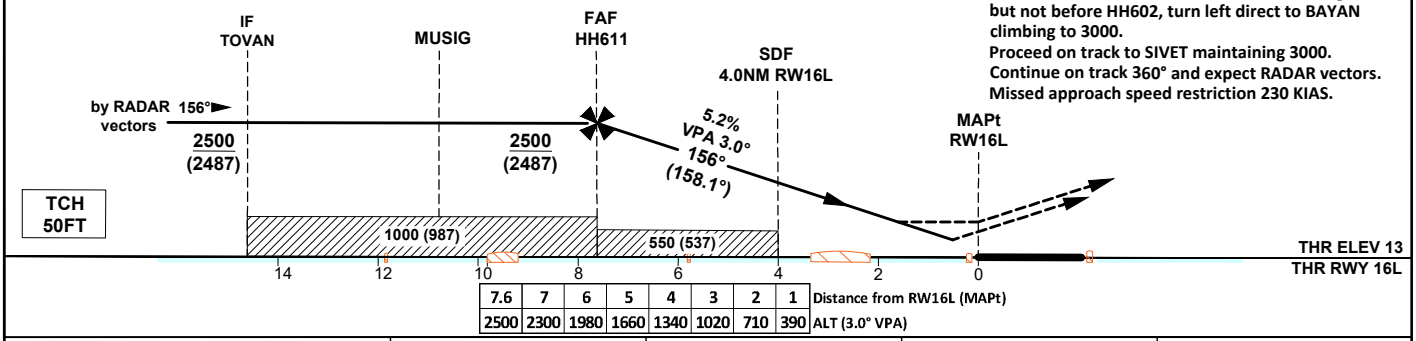
DOHA/Hamad Intl. (OTHH)
RNP RWY16L
ACFT CAT A B C D



COM. FAILURE
In case of communication failure, Squawk 7600 and proceed via BAYAN, SIVET to IVANI maintaining 3000ft. Continue to TOVAN and execute the approach procedure again.

TA 13000

Missed Approach
Climb straight ahead to HH602. When passing 1000 but not before HH602, turn left direct to BAYAN climbing to 3000.
Proceed on track to SIVET maintaining 3000.
Continue on track 360° and expect RADAR vectors.
Missed approach speed restriction 230 KIAS.



OCA (OCH)		A	B	C	D
Straight in Approach	LNAV/VNAV	367 (354)	380 (367)	388 (375)	398 (385)
	LNAV	490 (477)			
Circling		620 (607)		1260 (1247)	

1. In case of Missed Approach inform ATC immediately.

Approach: MAPt at RW16L							
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: Obstacle.

INSTRUMENT APPROACH CHART-ICAO

DOHA/Hamad Intl.(OTHH)
RNP RWY 16L
ACFT CAT A,B,C,D

TABULAR DESCRIPTION

RNP RWY 16L

Serial Num	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA(°)/ TCH(ft)	Navigation Specification
1	IF	TOVAN	-	-	-2.6	-	-	+2500	-220	-	RNP APCH
2	TF	MUSIG	-	156 (158.1)	-2.6	3.6	-	-	-	-	RNP APCH
3	TF	HH611	-	156 (158.1)	-2.6	3.2	-	+2500	-	-	RNP APCH
4	TF	RW16L	Y	156 (158.1)	-2.6	7.6	-	-	-	-3.00 / 50	RNP APCH
5	TF	HH602	Y	156 (158.2)	-2.6	3.2	-	-	-	-	RNP APCH
6	CA	-	-	156 (158.2)	-2.6	-	-	+1000	-	-	RNP APCH
7	DF	BAYAN	-	-	-2.6	-	L	@3000	-	-	RNP APCH
8	TF	SIVET	-	360 (002.7)	-2.6	8.0	-	@3000	-	-	RNP APCH
9	FM	SIVET	-	360 (002.8)	-2.6	-	-	-	-230	-	RNP APCH

WAYPOINT LIST

RNP RWY 16L

Waypoint Identifier	Coordinates
TOVAN	253109.81N 0513037.05E
MUSIG	252751.10N 0513204.88E
HH611	252452.74N 0513323.71E
RW16L	251745.97N 0513631.96E
HH602	251449.85N 0513749.52E
BAYAN	252926.00N 0514849.00E
SIVET	253727.14N 0514914.49E

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