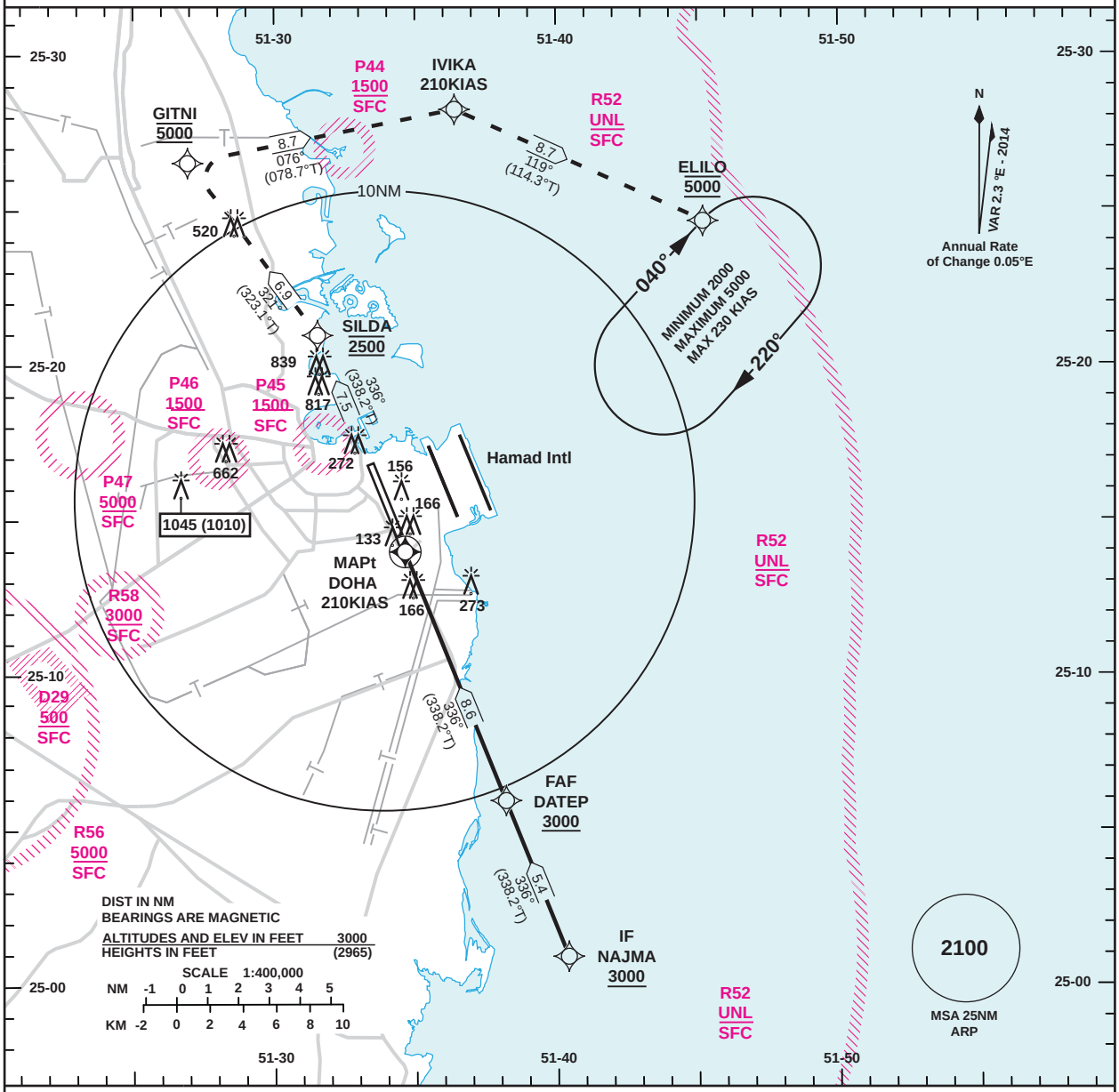
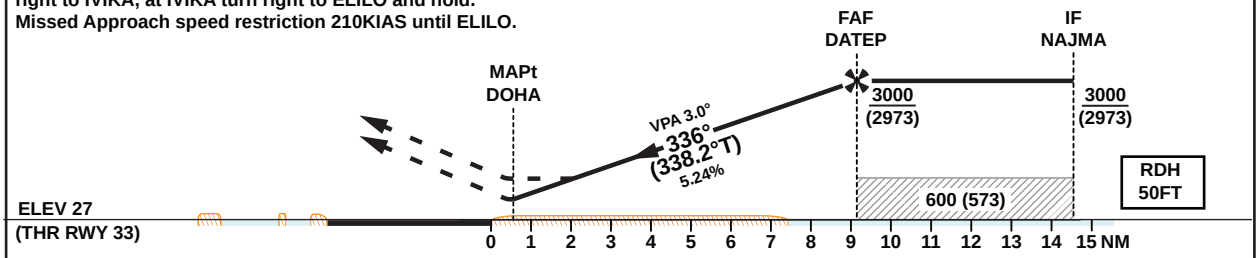
INSTRUMENT APPROACH CHART - ICAO	AD ELEV 37 HEIGHTS RELATED TO THR ELEV RWY 33	MIN TEMP 15°C	DOHA RADAR 121.10 DOHA APP 119.725 / 120.60 DIRECTOR 119.40 / 121.125 TWR 118.90	DOHA/Doha Intl. (OTBD) RNAV (GNSS) RWY 33 ALL ACFT CATEGORIES



TA 13000

Missed Approach
Climb straight ahead to SILDA, at or above 2500.
At SILDA turn left to GITNI, at 5000. At GITNI turn right to IVIKA, at IVIKA turn right to ELILO and hold.
Missed Approach speed restriction 210KIAS until ELILO.



Distance from THR	2	3	4	5	6	7	8	9
ALT (3.0° VPA)	720	1040	1360	1670	1990	2310	2630	2950

OCA (OCH)		A	B	C	D	E
Straight in Approach	LNAV/VNAV	390 (363)				
	LNAV	420 (393)				
Circling		610 (573)	620 (583)	1240 (1203)		1540 (1503)

1. Hold at ELILO protected for Sector 3 Entry only.
2. 5.8% CG required to SILDA.

Approach: MAPt at DOHA

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

Amendment: TWR secondary frequency removed.

© QATAR CIVIL AVIATION AUTHORITY

Instrument Approach Procedure Coding Tables

DOHA INTERNATIONAL 33 RNAV (GNSS) Instrument Approach Procedure

OTBD RNAV Approach RNAV(GNSS) RWY 33

Serial Num	PT	WPT	Flyover	Course(T)	Magnetic Variation	Dist(NM)	Turn Direction	Altitude Description	Speed Limit	THR Elev TCH (ft)	VPA (°)	Arc Center Wpt Ident/radius (NM)	Navigational Performance
1	IF	**NAJMA**	-		2.3	-		+3000					RNP1.0
2	TF	**DATEP**	-	336 (338.2)	2.3	5.4		+3000					RNP0.3
3	TF	**DOHA**	Y	336 (338.2)	2.3	8.6				27/50	3.0		RNP0.3
4	CF	**SILDA**	-	336 (338.2)	2.3	-		+2500	-210				RNP1.0
5	TF	**GITNI**	-	321 (323.1)	2.3	6.9	R	@5000	-210				RNP1.0
6	TF	**IVIKA**	-	076 (078.7)	2.3	8.7			-210				RNP1.0
7	TF	**ELILO**	-	112 (114.3)	2.3	8.7		@5000	-230				RNP1.0
8	HM	**ELILO**	Y	040 (042.2)	2.3	4.3	R	@5000	-230				RNP1.0

Instrument Approach Waypoint Tables

OTBD RNAV APPROACH - RNAV(GNSS) RWY 33

WPT	Latitude	Longitude	Function
NAJMA	250057.64N	0514022.44E	IF
DATEP	250558.04N	0513810.48E	FAF
DOHA	251401.07N	0513437.82E	MAPt
SILDA	252100.22N	0513132.97E	-
GITNI	252633.64N	0512657.57E	-
IVIKA	252816.47N	0513625.72E	-
ELILO	252439.52N	0514513.38E	-

© QATAR CIVIL AVIATION AUTHORITY