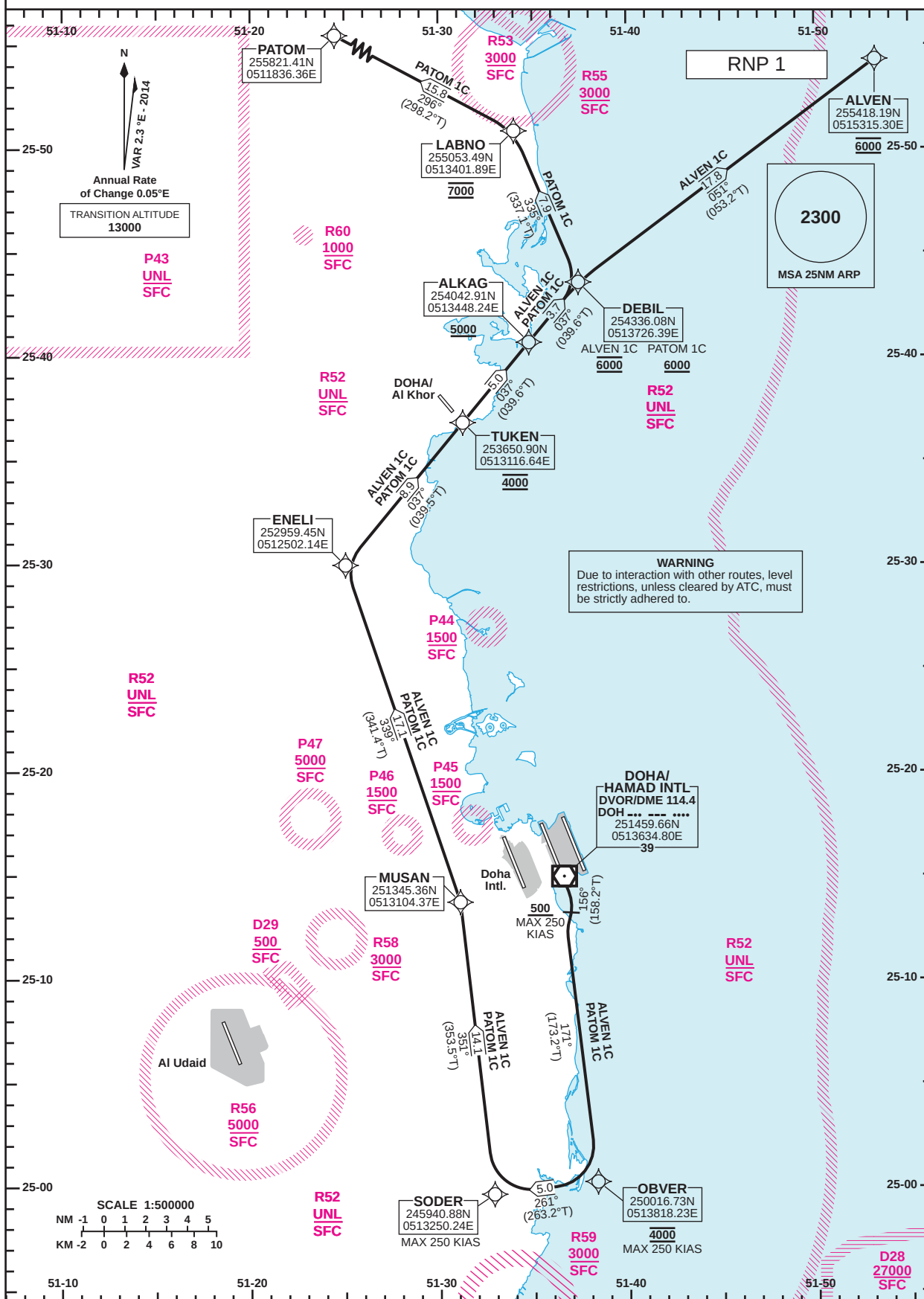


STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAODIST IN NM
BEARINGS ARE MAGNETIC
ALTITUDES AND ELEV IN FEET

DOHA RADAR	121.10
DOHA APP	119.725 / 120.60
TWR (EAST)	118.525 / 118.225
TWR (WEST)	118.025 / 118.225

DOHA/Hamad Intl. (OTHH)
RNP RWY 16R
ALVEN 1C /PATOM 1C

Route Designator	Routing
ALVEN 1C	[T158.2;A500+;K250-] - OBVER[R;T173.2;A4000;K250-] - SODER[R;K250-] - MUSAN - ENELI - TUKEN[A4000] - ALKAG[A5000+] - DEBIL[A6000] - ALVEN[A6000]
PATOM 1C	[T158.2;A500+;K250-] - OBVER[R;T173.2;A4000;K250-] - SODER[R;K250-] - MUSAN - ENELI - TUKEN[A4000] - ALKAG[A5000+] - DEBIL[A6000+] - LABNO[A7000] - PATOM

GENERAL INFORMATION

1. Close-in obstacles exist for Rwy 16R departures.
2. 3.5% CG required to 600.

Changes: Update MSA.

Standard Instrument Departure Coding Table

HAMAD INTERNATIONAL RNP Standard Instrument Departure ALVEN 1C, PATOM 1C

OTHH RNP SID ALVEN 1C

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	CA		-	156 (158.2)	2.3	-		+500	-250				RNP1.0
2	CF	OBVER	-	171 (173.2)	2.3	-	R	@4000	-250				RNP1.0
3	TF	SODER	-	261 (263.2)	2.3	5.0	R	-	-250				RNP1.0
4	TF	MUSAN	-	351 (353.5)	2.3	14.1		-					RNP1.0
5	TF	ENELI	-	339 (341.4)	2.3	17.1		-					RNP1.0
6	TF	TUKEN	-	037 (039.5)	2.3	8.9		@4000					RNP1.0
7	TF	ALKAG	-	037 (039.6)	2.3	5.0		+5000					RNP1.0
8	TF	DEBIL	-	037 (039.6)	2.3	3.7		@6000					RNP1.0
9	TF	ALVEN	-	051 (053.2)	2.3	17.8		@6000					RNP1.0

OTHH RNP SID PATOM 1C

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	CA		-	156 (158.2)	2.3	-		+500	-250				RNP1.0
2	CF	OBVER	-	171 (173.2)	2.3	-	R	@4000	-250				RNP1.0
3	TF	SODER	-	261 (263.2)	2.3	5.0	R	-	-250				RNP1.0
4	TF	MUSAN	-	351 (353.5)	2.3	14.1		-					RNP1.0
5	TF	ENELI	-	339 (341.4)	2.3	17.1		-					RNP1.0
6	TF	TUKEN	-	037 (039.5)	2.3	8.9		@4000					RNP1.0
7	TF	ALKAG	-	037 (039.6)	2.3	5.0		+5000					RNP1.0
8	TF	DEBIL	-	037 (039.6)	2.3	3.7		+6000					RNP1.0
9	TF	LABNO	-	335 (337.1)	2.3	7.9		@7000					RNP1.0
10	TF	PATOM	-	296 (298.2)	2.3	15.8		-					RNP1.0