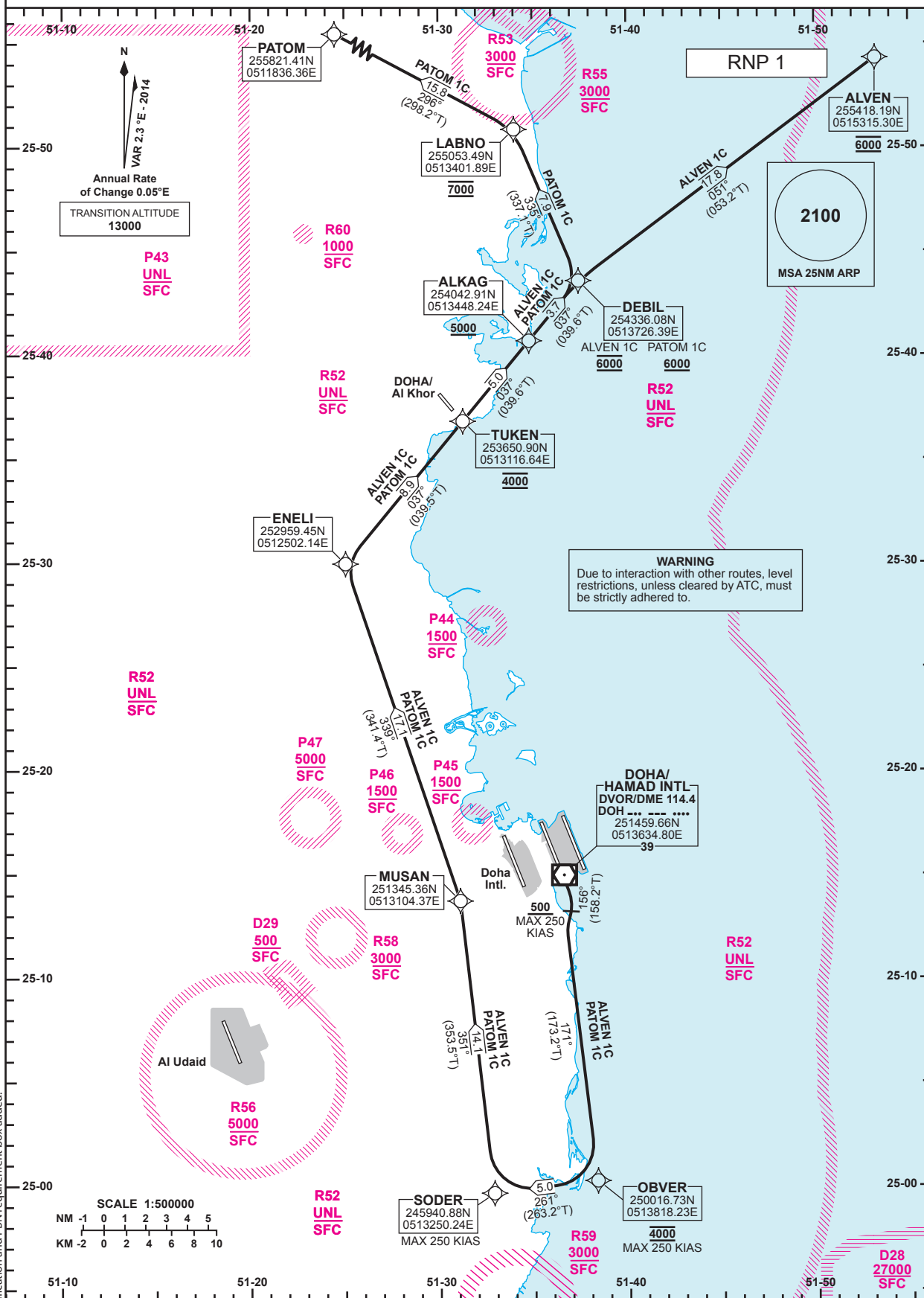


STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAODIST IN NM
BEARINGS ARE MAGNETIC
ALTITUDES AND ELEV IN FEET

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 - TUEN[A4000] - ALKAG[A5000+] - DEBIL[A6000] - ALVEN[A6000]
PATOM 1C	[T158.2;A500+;K250-] - OBVER[R;T173.2;A4000;K250-] - SODER[R;K250-] - MUSAN - ENELI - TUEN[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.

Amendment: New Procedure Identification and PBN requirement box added.

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