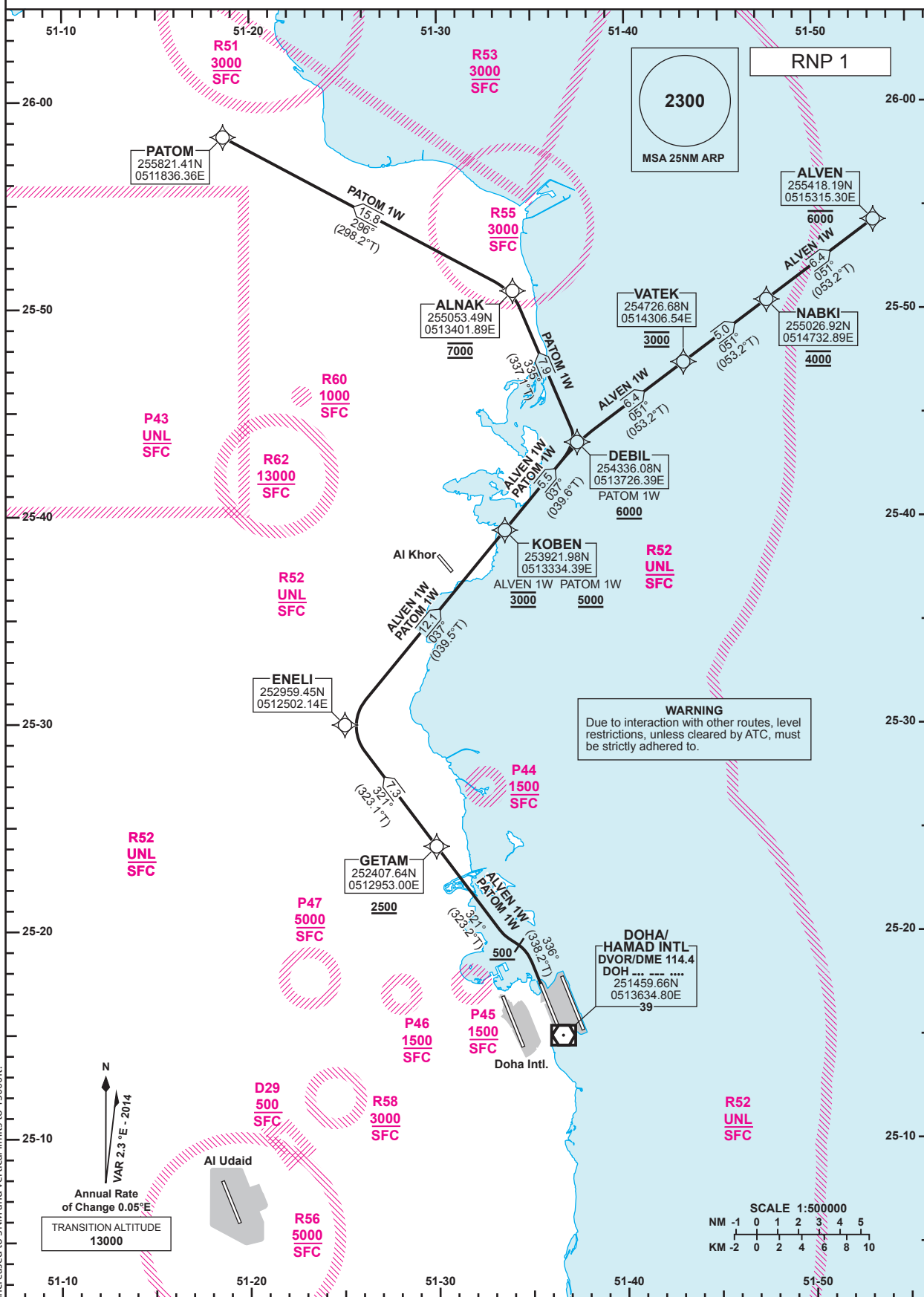


STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAODIST IN NM
BEARINGS ARE MAGNETIC
ALTITUDES AND ELEV IN FEET

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 34L
ALVEN 1W /PATOM 1W

Route Designator	Routing
ALVEN 1W	[T338.2; A500+] - GETAM[T323.2; A2500+] - ENELI - KOBEN[A3000] - DEBIL - VATEK[A3000] - NABKI[A4000] - ALVEN[A6000-]
PATOM 1W	[T338.2; A500+] - GETAM[T323.2; A2500+] - ENELI - KOBEN[A5000+] - DEBIL[A6000+] - ALNAK[A7000] - PATOM

GENERAL INFORMATION

1. Close-in obstacles exist for Rwy 34L departures.
2. 4.8% CG required to 1200.

Changes: R62 lateral limits (radius) increased to 3NM and vertical limits to 13000ft.

**STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAO**

**DOHA/Hamad Intl.(OTHH)
RNP RWY 34L
ALVEN 1W /PATOM 1W**

TABULAR DESCRIPTION

RNP SID ALVEN 1W											
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	CA	-	-	336 (338.2)	2.3	-		+500			RNP 1
2	CF	GETAM	-	321 (323.2)	2.3	-		+2500			RNP 1
3	TF	ENELI	-	321 (323.1)	2.3	7.3		-			RNP 1
4	TF	KOBEN	-	037 (039.5)	2.3	12.1		@3000			RNP 1
5	TF	DEBIL	-	037 (039.6)	2.3	5.5		-			RNP 1
6	TF	VATEK	-	051 (053.2)	2.3	6.4		@3000			RNP 1
7	TF	NABKI	-	051 (053.2)	2.3	5.0		@4000			RNP 1
8	TF	ALVEN	-	051 (053.2)	2.3	6.4		-6000			RNP 1

RNP SID PATOM 1W											
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	CA	-	-	336 (338.2)	2.3	-		+500			RNP 1
2	CF	GETAM	-	321 (323.2)	2.3	-		+2500			RNP 1
3	TF	ENELI	-	321 (323.1)	2.3	7.3		-			RNP 1
4	TF	KOBEN	-	037 (039.5)	2.3	12.1		+5000			RNP 1
5	TF	DEBIL	-	037 (039.6)	2.3	5.5		+6000			RNP 1
6	TF	ALNAK	-	335 (337.1)	2.3	7.9		@7000			RNP 1
7	TF	PATOM	-	296 (298.2)	2.3	15.8		-			RNP 1

WAYPOINT LIST

RNP SID ALVEN 1W/PATOM 1W	
Waypoint Identifier	Coordinates
GETAM	252407.64N 0512953.00E
ENELI	252959.45N 0512502.14E
KOBEN	253921.98N 0513334.39E
DEBIL	254336.08N 0513726.39E
VATEK	254726.68N 0514306.54E
NABKI	255026.92N 0514732.89E
ALVEN	255418.19N 0515315.30E
ALNAK	255053.49N 0513401.89E
PATOM	255821.41N 0511836.36E