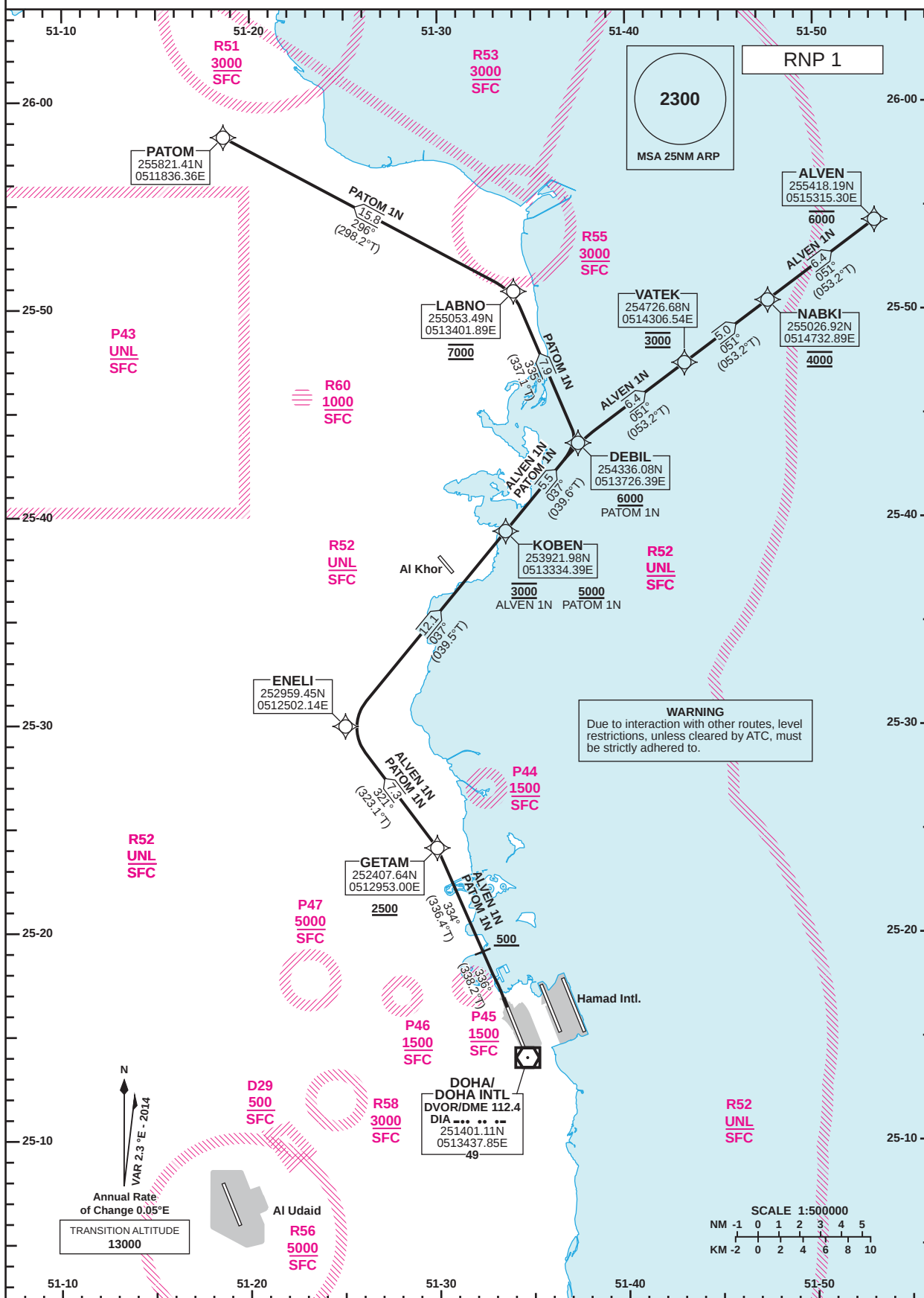


STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAODIST IN NM
BEARINGS ARE MAGNETIC
ALTITUDES AND ELEV IN FEETDOHA RADAR 121.10
DOHA APP 119.725 / 120.60
TWR 118.90DOHA/Doha Intl. (OTBD)
RNP RWY 33
ALVEN 1N /PATOM 1N

Route Designator	Routing
ALVEN 1N	[T338.2; A500+] - GETAM[T336.4; A2500+] - ENELI - KOBEN[A3000] - DEBIL - VATEK[A3000] - NABKI[A4000] - ALVEN[A6000-]
PATOM 1N	[T338.2; A500+] - GETAM[T336.4; A2500+] - ENELI - KOBEN[A5000+] - DEBIL[A6000+] - LABNO[A7000] - PATOM

GENERAL INFORMATION

1. Close-in obstacles exist for Rwy 33 departures.
2. 9.2% CG required to 640.

DOHA/Doha Intl.(OTBD)
RNP RWY 33
ALVEN 1N /PATOM 1N

STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAO

TABULAR DESCRIPTION

RNP SID ALVEN 1N											
Serial Num	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/ TCH	Navigation Specification
1	CA		-	336 (338.2)	2.3	-		+500			RNP 1.0
2	CF	GETAM	-	334 (336.4)	2.3	-		+2500			RNP 1.0
3	TF	ENELI	-	321 (323.1)	2.3	7.3		-			RNP 1.0
4	TF	KOBEN	-	037 (039.5)	2.3	12.1		@3000			RNP 1.0
5	TF	DEBIL	-	037 (039.6)	2.3	5.5		-			RNP 1.0
6	TF	VATEK	-	051 (053.2)	2.3	6.4		@3000			RNP 1.0
7	TF	NABKI	-	051 (053.2)	2.3	5		@4000			RNP 1.0
8	TF	ALVEN	-	051 (053.2)	2.3	6.4		-6000			RNP 1.0

RNP SID PATOM 1N											
Serial Num	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/ TCH	Navigation Specification
1	CA		-	336 (338.2)	2.3	-		+500			RNP 1.0
2	CF	GETAM	-	334 (336.4)	2.3	-		+2500			RNP 1.0
3	TF	ENELI	-	321 (323.1)	2.3	7.3		-			RNP 1.0
4	TF	KOBEN	-	037 (039.5)	2.3	12.1		+5000			RNP 1.0
5	TF	DEBIL	-	037 (039.6)	2.3	5.5		+6000			RNP 1.0
6	TF	LABNO	-	335 (337.1)	2.3	7.9		@7000			RNP 1.0
7	TF	PATOM	-	296 (298.2)	2.3	15.8		-			RNP 1.0

WAYPOINT LIST

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