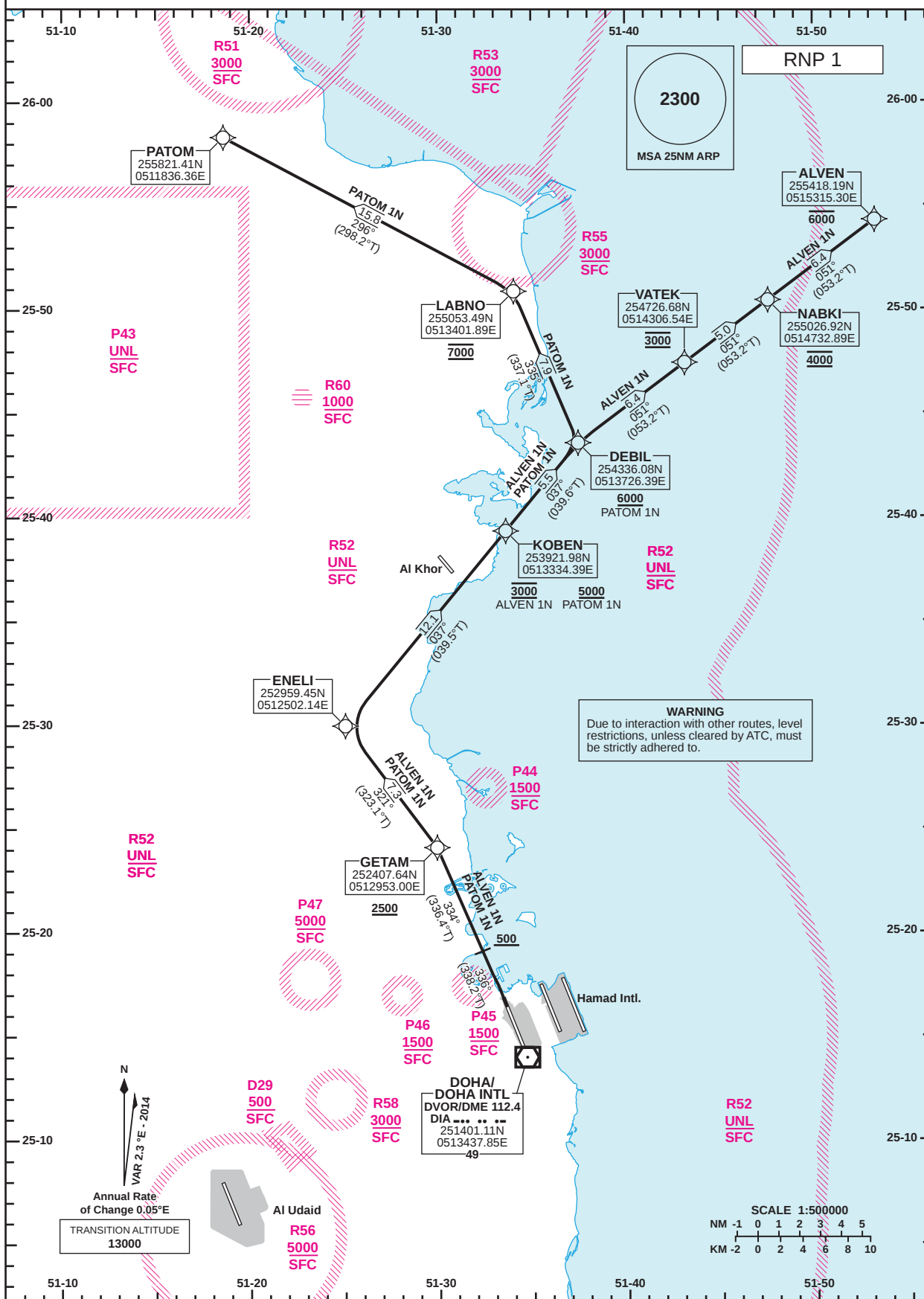


STANDARD DEPARTURE  
CHART - INSTRUMENT  
(SID) - ICAODIST IN NM  
BEARINGS ARE MAGNETIC  
ALTITUDES AND ELEV IN FEETDOHA RADAR 121.10  
DOHA APP 119.725 / 120.60  
TWR 118.90DOHA/Doha Intl. (OTBD)  
RNP RWY 33  
ALVEN 1N /PATOM 1N

| Route Designator | Routeing                                                                                                             |
|------------------|----------------------------------------------------------------------------------------------------------------------|
| 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.

Changes: Chart renumbered.

STANDARD DEPARTURE  
CHART - INSTRUMENT  
(SID) - ICAO

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

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(ft) | Navigation Specification |
| 1                | CA              | -                   | -        | 336 (338.2)   | 2.3                   | -             | -              | +500          | -          | -               | RNP 1                    |
| 2                | CF              | GETAM               | -        | 334 (336.4)   | 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 1N |                 |                     |          |               |                       |               |                |               |            |                 |                          |
|------------------|-----------------|---------------------|----------|---------------|-----------------------|---------------|----------------|---------------|------------|-----------------|--------------------------|
| 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               | -        | 334 (336.4)   | 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              | LABNO               | -        | 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 1N /PATOM 1N |                        |
|----------------------------|------------------------|
|                            |                        |
| 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 |
| LABNO                      | 255053.49N 0513401.89E |
| PATOM                      | 255821.41N 0511836.36E |