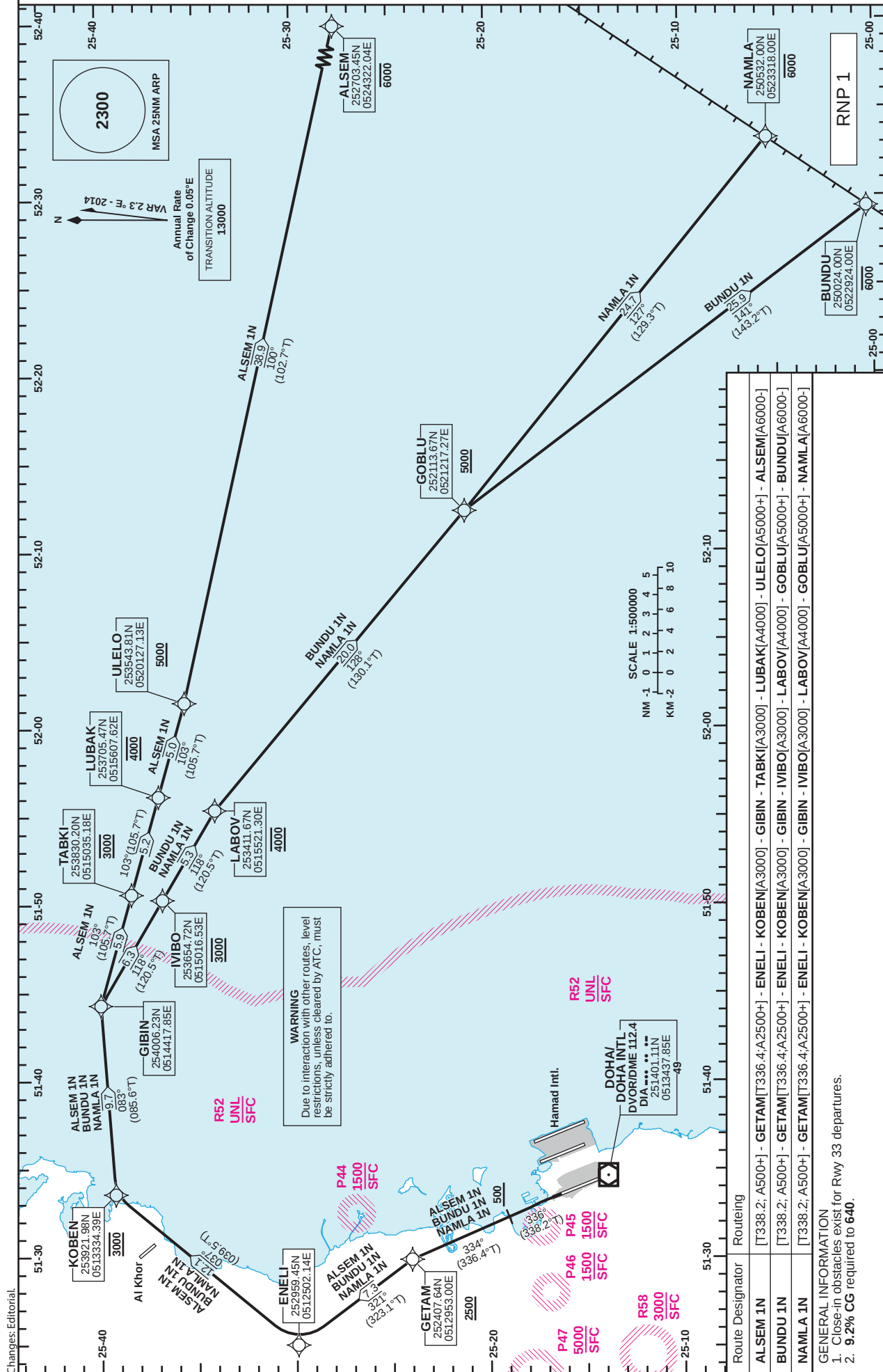


STANDARD DEPARTURE  
CHART - INSTRUMENT  
(SID) - ICAO

DIST IN NM  
BEARINGS ARE MAGNETIC  
ALTITUDES AND ELEV IN FEET

DOHA RADAR 121.10  
DOHA APP 119.725 / 120.60  
TWR 118.90

DOHA/Doha Intl. (OTBD)  
RNP RWY 33  
ALSEM 1N /BUNDU 1N /NAMLA 1N



DOHA/Doha Intl.(OTBD)  
RNP RWY 33  
ALSEM 1N /BUNDU 1N /NAMLA 1N

STANDARD DEPARTURE  
CHART - INSTRUMENT  
(SID) - ICAO

TABULAR DESCRIPTION

| RNP SID ALSEM 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              | GIBIN               | -        | 083 (085.6)   | 2.3                | 9.7           |                | -             |            |          | RNP 1.0                  |
| 6                | TF              | TABKI               | -        | 103 (105.7)   | 2.3                | 5.9           |                | @3000         |            |          | RNP 1.0                  |
| 7                | TF              | LUBAK               | -        | 103 (105.7)   | 2.3                | 5.2           |                | @4000         |            |          | RNP 1.0                  |
| 8                | TF              | ULELO               | -        | 103 (105.7)   | 2.3                | 5             |                | +5000         |            |          | RNP 1.0                  |
| 9                | TF              | ALSEM               | -        | 100 (102.7)   | 2.3                | 38.9          |                | -6000         |            |          | RNP 1.0                  |

| RNP SID BUNDU 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              | GIBIN               | -        | 083 (085.6)   | 2.3                | 9.7           |                | -             |            |          | RNP 1.0                  |
| 6                | TF              | IVIBO               | -        | 118 (120.5)   | 2.3                | 6.3           |                | @3000         |            |          | RNP 1.0                  |
| 7                | TF              | LABOV               | -        | 118 (120.5)   | 2.3                | 5.3           |                | @4000         |            |          | RNP 1.0                  |
| 8                | TF              | GOBLU               | -        | 128 (130.1)   | 2.3                | 20            |                | +5000         |            |          | RNP 1.0                  |
| 9                | TF              | BUNDU               | -        | 141 (143.2)   | 2.3                | 25.9          |                | -6000         |            |          | RNP 1.0                  |

| RNP SID NAMLA 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              | GIBIN               | -        | 083 (085.6)   | 2.3                | 9.7           |                | -             |            |          | RNP 1.0                  |
| 6                | TF              | IVIBO               | -        | 118 (120.5)   | 2.3                | 6.3           |                | @3000         |            |          | RNP 1.0                  |
| 7                | TF              | LABOV               | -        | 118 (120.5)   | 2.3                | 5.3           |                | @4000         |            |          | RNP 1.0                  |
| 8                | TF              | GOBLU               | -        | 128 (130.1)   | 2.3                | 20            |                | +5000         |            |          | RNP 1.0                  |
| 9                | TF              | NAMLA               | -        | 127 (129.3)   | 2.3                | 24.7          |                | -6000         |            |          | RNP 1.0                  |

WAYPOINT LIST

| RNP SID ALSEM 1N/BUNDU 1N/NAMLA 1N |                        |
|------------------------------------|------------------------|
| Waypoint Identifier                | Coordinates            |
| ALSEM                              | 252703.45N 0524322.04E |
| BUNDU                              | 250024.00N 0522924.00E |
| ENELI                              | 252959.45N 0512502.14E |
| GETAM                              | 252407.64N 0512953.00E |
| GIBIN                              | 254006.23N 0514417.85E |
| GOBLU                              | 252113.67N 0521217.27E |
| IVIBO                              | 253654.72N 0515016.53E |

| RNP SID ALSEM 1N/BUNDU 1N/NAMLA 1N |                        |
|------------------------------------|------------------------|
| Waypoint Identifier                | Coordinates            |
| KOBEN                              | 253921.98N 0513334.39E |
| LABOV                              | 253411.67N 0515521.30E |
| LUBAK                              | 253705.47N 0515607.62E |
| NAMLA                              | 250532.00N 0523318.00E |
| TABKI                              | 253830.20N 0515035.18E |
| ULELO                              | 253543.81N 0520127.13E |