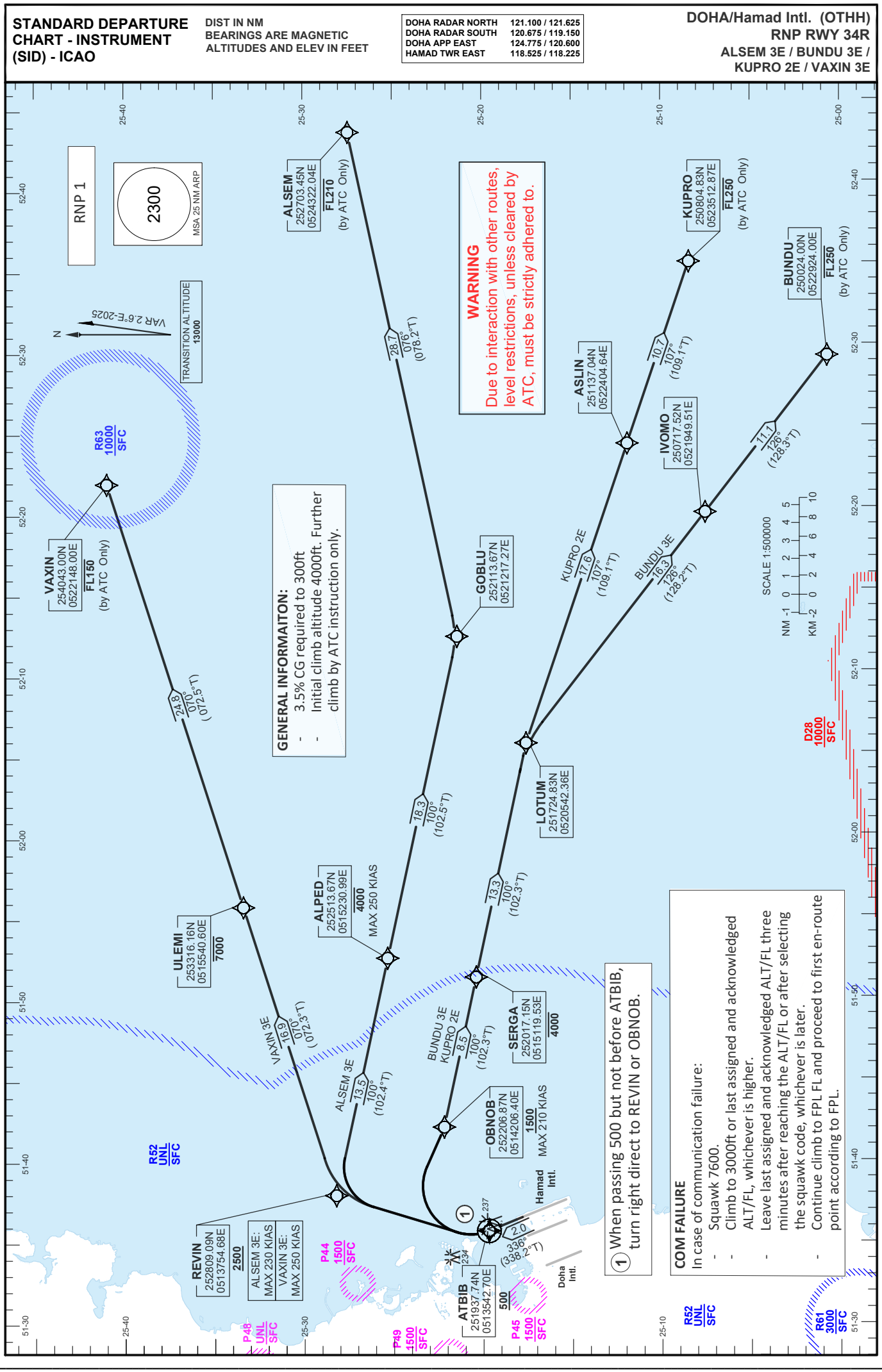
# STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

DIST IN NM
BEARINGS ARE MAGNETIC
ALTITUDES AND ELEV IN FEET

| | |
|---|---|
| DOHA RADAR NORTH | 121.100 / 121.625 |
| DOHA RADAR SOUTH | 120.675 / 119.150 |
| DOHA APP EAST | 124.775 / 120.600 |
| HAMAD TWR EAST | 118.525 / 118.225 |

## DOHA/Hamad Intl. (OTHH)
## RNP RWY 34R
## ALSEM 3E / BUNDU 3E / KUPRO 2E / VAXIN 3E



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

**DOHA/Hamad Intl.(OTHH)**
**RNP RWY 34R**
**ALSEM 3E / BUNDU 3E / KUPRO 2E / VAXIN 3E**

## TABULAR DESCRIPTION

**RNP SID ALSEM 3E**

| 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 | CF | ATBIB | Y | 336 (338.2) | -2.6 | 2.0 | - | - | - | - | RNP 1 |
| 2 | CA | - | - | 336 (338.2) | -2.6 | - | - | +500 | - | - | RNP 1 |
| 3 | DF | REVIN | - | - | -2.6 | - | R | +2500 | -230 | - | RNP 1 |
| 4 | TF | ALPED | - | 100 (102.4) | -2.6 | 13.5 | - | -4000 | -250 | - | RNP 1 |
| 5 | TF | GOBLU | - | 100 (102.5) | -2.6 | 18.3 | - | - | - | - | RNP 1 |
| 6 | TF | ALSEM | - | 076 (078.2) | -2.6 | 28.7 | - | -FL210 | - | - | RNP 1 |
| Remarks | | ALSEM -FL210 by ATC only | | | | | | | | | |

**RNP SID BUNDU 3E**

| 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 | CF | ATBIB | Y | 336 (338.2) | -2.6 | 2.0 | - | - | - | - | RNP 1 |
| 2 | CA | - | - | 336 (338.2) | -2.6 | - | - | +500 | - | - | RNP 1 |
| 3 | DF | OBNOB | - | - | -2.6 | - | R | +1500 | -210 | - | RNP 1 |
| 4 | TF | SERGA | - | 100 (102.3) | -2.6 | 8.5 | - | -4000 | - | - | RNP 1 |
| 5 | TF | LOTUM | - | 100 (102.3) | -2.6 | 13.3 | - | - | - | - | RNP 1 |
| 6 | TF | IVOMO | - | 126 (128.2) | -2.6 | 16.3 | - | - | - | - | RNP 1 |
| 7 | TF | BUNDU | - | 126 (128.3) | -2.6 | 11.1 | - | -FL250 | - | - | RNP 1 |
| Remarks | | BUNDU -FL250 by ATC only | | | | | | | | | |

**RNP SID KUPRO 2E**

| 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 | CF | ATBIB | Y | 336 (338.2) | -2.6 | 2.0 | - | - | - | - | RNP 1 |
| 2 | CA | - | - | 336 (338.2) | -2.6 | - | - | +500 | - | - | RNP 1 |
| 3 | DF | OBNOB | - | - | -2.6 | - | R | +1500 | -210 | - | RNP 1 |
| 4 | TF | SERGA | - | 100 (102.3) | -2.6 | 8.5 | - | -4000 | - | - | RNP 1 |
| 5 | TF | LOTUM | - | 100 (102.3) | -2.6 | 13.3 | - | - | - | - | RNP 1 |
| 6 | TF | ASLIN | - | 107 (109.1) | -2.6 | 17.6 | - | - | - | - | RNP 1 |
| 7 | TF | KUPRO | - | 107 (109.1) | -2.6 | 10.7 | - | -FL250 | - | - | RNP 1 |
| Remarks | | KUPRO -FL250 by ATC only | | | | | | | | | |

**RNP SID VAXIN 3E**

| 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 | CF | ATBIB | Y | 336 (338.2) | -2.6 | 2.0 | - | - | - | - | RNP 1 |
| 2 | CA | - | - | 336 (338.2) | -2.6 | - | - | +500 | - | - | RNP 1 |
| 3 | DF | REVIN | - | - | -2.6 | - | R | +2500 | -250 | - | RNP 1 |
| 4 | TF | ULEMI | - | 070 (072.3) | -2.6 | 16.9 | - | -7000 | - | - | RNP 1 |
| 5 | TF | VAXIN | - | 070 (072.5) | -2.6 | 24.8 | - | -FL150 | - | - | RNP 1 |
| Remarks | | VAXIN -FL150 by ATC only | | | | | | | | | |

## WAYPOINT LIST

| RNP SID ALSEM 3E / BUNDU 3E / KUPRO 2E / VAXIN 3E | |
|---|---|
| Waypoint Identifier | Coordinates |
| ATBIB | 251937.74N 0513542.70E |
| REVIN | 252809.09N 0513754.68E |
| ALPED | 252513.67N 0515230.99E |
| GOBLU | 252113.67N 0521217.27E |
| ALSEM | 252703.45N 0524322.04E |
| OBNOB | 252206.87N 0514206.40E |
| SERGA | 252017.15N 0515119.53E |

| RNP SID ALSEM 3E / BUNDU 3E / KUPRO 2E / VAXIN 3E | |
|---|---|
| Waypoint Identifier | Coordinates |
| LOTUM | 251724.83N 0520542.36E |
| IVOMO | 250717.52N 0521949.51E |
| BUNDU | 250024.00N 0522924.00E |
| ASLIN | 251137.04N 0522404.64E |
| KUPRO | 250804.83N 0523512.87E |
| ULEMI | 253316.16N 0515540.60E |
| VAXIN | 254043.00N 0522148.00E |


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