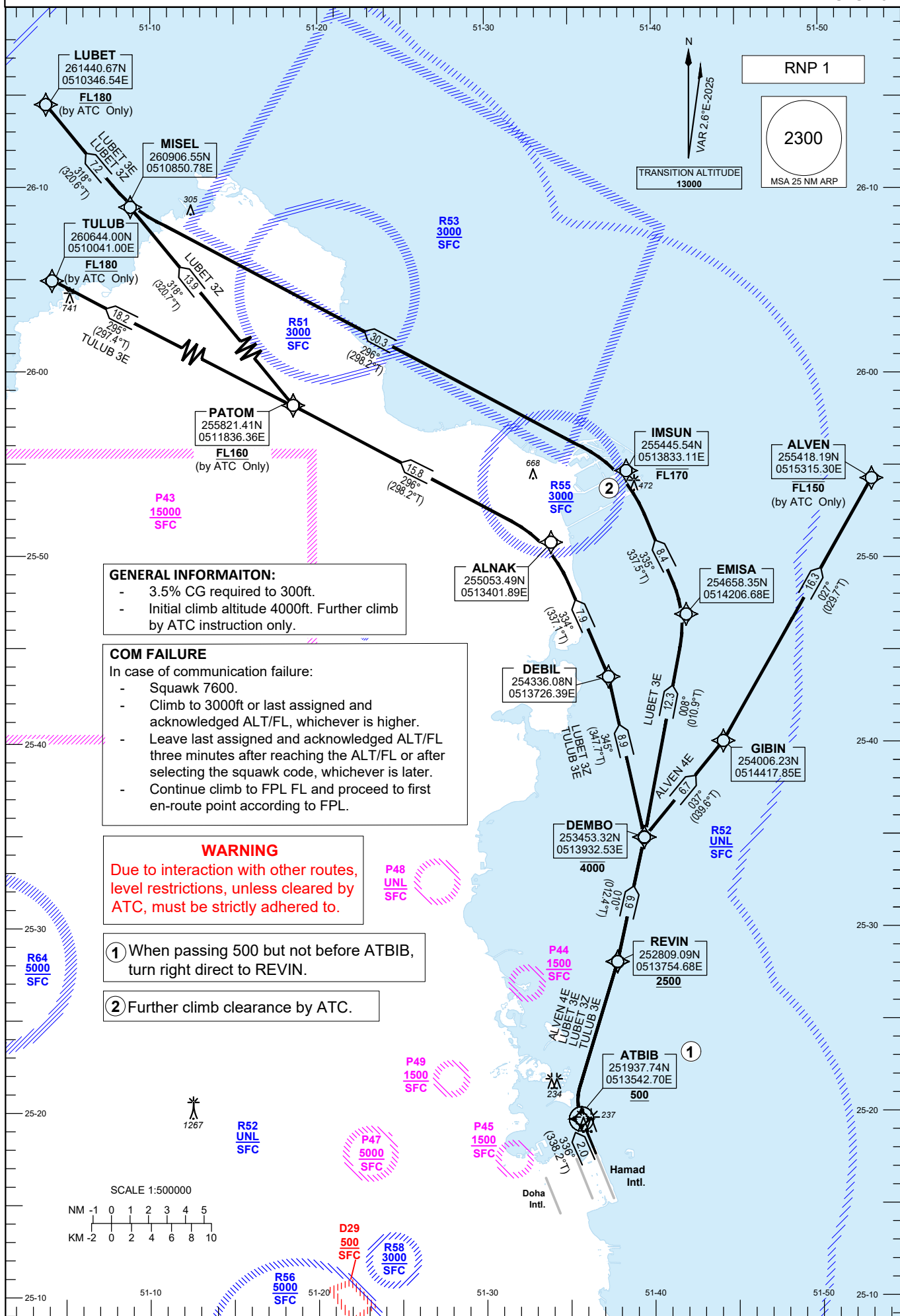


STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

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 WEST	119.725 / 125.125
DOHA APP EAST	124.775 / 120.600
HAMAD TWR EAST	118.525 / 118.225

DOHA/Hamad Intl. (OTHH)
RNP RWY 34R
ALVEN 4E / LUBET 3E / LUBET 3Z
/ TULUB 3E



STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAODOHA/Hamad Intl.(OTHH)
RNP RWY 34R
ALVEN 4E / LUBET 3E / LUBET 3Z / TULUB 3E

TABULAR DESCRIPTION

RNP SID ALVEN 4E

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	-	-	RNP 1
4	TF	DEMBO	-	010 (012.4)	-2.6	6.9	-	-4000	-	-	RNP 1
5	TF	GIBIN	-	037 (039.6)	-2.6	6.7	-	-	-	-	RNP 1
6	TF	ALVEN	-	027 (029.7)	-2.6	16.3	-	-FL150	-	-	RNP 1

Remarks ALVEN -FL150 by ATC only

RNP SID LUBET 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	-	-	RNP 1
4	TF	DEMBO	-	010 (012.4)	-2.6	6.9	-	-4000	-	-	RNP 1
5	TF	EMISA	-	008 (010.9)	-2.6	12.3	-	-	-	-	RNP 1
6	TF	IMSUN	-	335 (337.5)	-2.6	8.4	-	-FL170	-	-	RNP 1
7	TF	MISEL	-	296 (298.2)	-2.6	30.3	-	-	-	-	RNP 1
8	TF	LUBET	-	318 (320.6)	-2.6	7.2	-	+FL180	-	-	RNP 1

Remarks LUBET +FL180 by ATC only

RNP SID LUBET 3Z

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	-	-	RNP 1
4	TF	DEMBO	-	010 (012.4)	-2.6	6.9	-	-4000	-	-	RNP 1
5	TF	DEBIL	-	345 (347.7)	-2.6	8.9	-	-	-	-	RNP 1
6	TF	ALNAK	-	334 (337.1)	-2.6	7.9	-	-	-	-	RNP 1
7	TF	PATOM	-	296 (298.2)	-2.6	15.8	-	+FL160	-	-	RNP 1
8	TF	MISEL	-	318 (320.7)	-2.6	13.9	-	-	-	-	RNP 1
9	TF	LUBET	-	318 (320.6)	-2.6	7.2	-	+FL180	-	-	RNP 1

Remarks PATOM +FL160 and LUBET +FL180 by ATC only

RNP SID TULUB 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	-	-	RNP 1
4	TF	DEMBO	-	010 (012.4)	-2.6	6.9	-	-4000	-	-	RNP 1
5	TF	DEBIL	-	345 (347.7)	-2.6	8.9	-	-	-	-	RNP 1
6	TF	ALNAK	-	334 (337.1)	-2.6	7.9	-	-	-	-	RNP 1
7	TF	PATOM	-	296 (298.2)	-2.6	15.8	-	+FL160	-	-	RNP 1
8	TF	TULUB	-	295 (297.4)	-2.6	18.2	-	+FL180	-	-	RNP 1

Remarks PATOM +FL160 and TULUB +FL180 by ATC only

WAYPOINT LIST

RNP SID ALVEN 4E / LUBET 3E / LUBET 3Z / TULUB 3E	
Waypoint Identifier	Coordinates
ATBIB	251937.74N 0513542.70E
REVIN	252809.09N 0513754.68E
DEMBO	253453.32N 0513932.53E
DEBIL	254336.08N 0513726.39E
ALNAK	255053.49N 0513401.89E
TULUB	260644.00N 0510041.00E
PATOM	255821.41N 0511836.36E

RNP SID ALVEN 4E / LUBET 3E / LUBET 3Z / TULUB 3E	
Waypoint Identifier	Coordinates
GIBIN	254006.23N 0514417.85E
ALVEN	255418.19N 0515315.30E
EMISA	254658.35N 0514206.68E
IMSUN	255445.54N 0513833.11E
MISEL	260906.55N 0510850.78E
LUBET	261440.67N 0510346.54E

Intentionally Left Blank