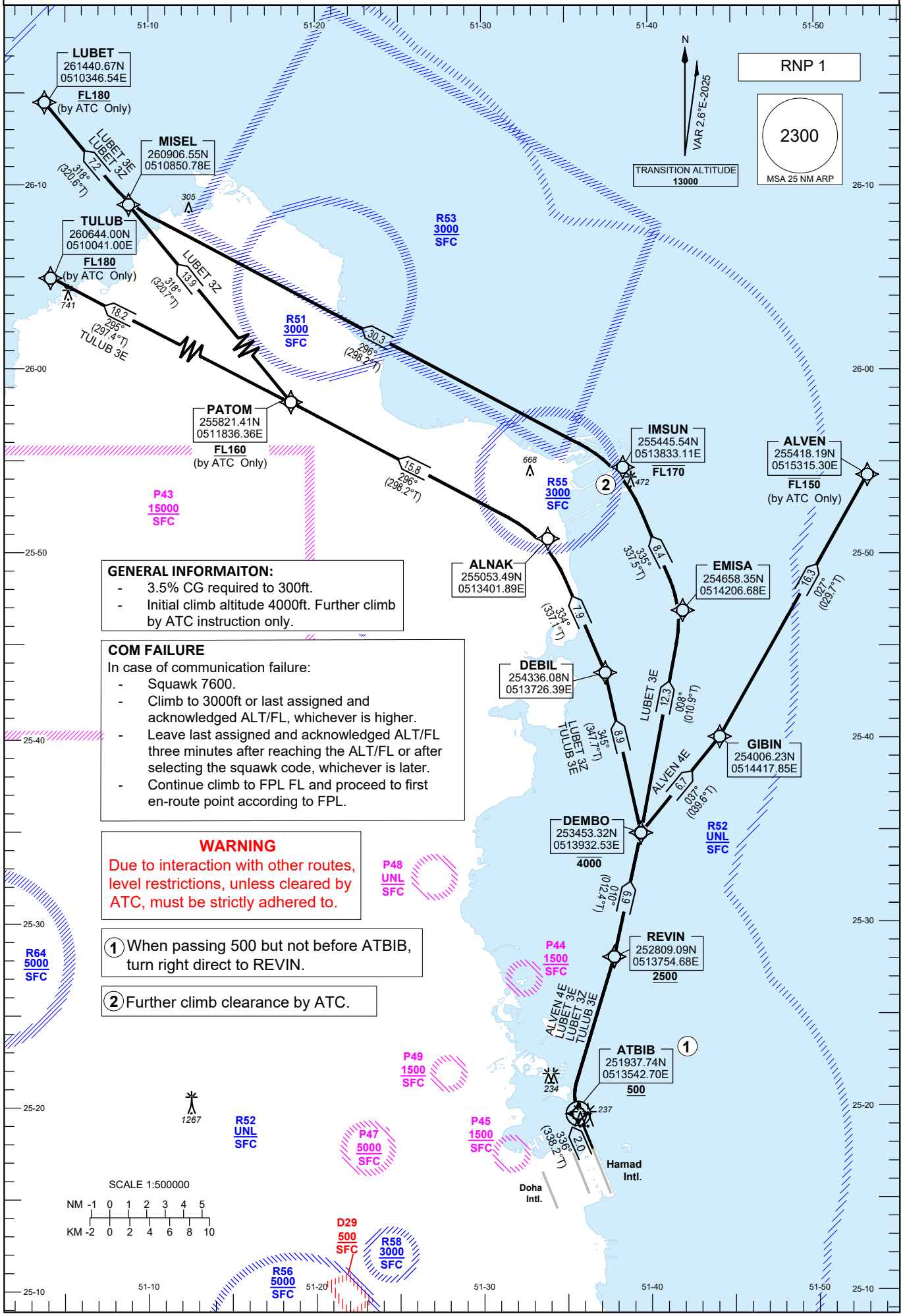
STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

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



GENERAL INFORMAITON:
- 3.5% CG required to 300ft.
- Initial climb altitude 4000ft. Further climb by ATC instruction only.

COM FAILURE
In case of communication failure:
- Squawk 7600.
- Climb to 3000ft or last assigned and acknowledged ALT/FL, whichever is higher.
- Leave last assigned and acknowledged ALT/FL three minutes after reaching the ALT/FL or after selecting the squawk code, whichever is later.
- Continue climb to FPL FL and proceed to first en-route point according to FPL.

WARNING
Due to interaction with other routes, level restrictions, unless cleared by ATC, must be strictly adhered to.

(1) When passing 500 but not before ATBIB, turn right direct to REVIN.

(2) Further climb clearance by ATC.

STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

DOHA/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									

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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

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