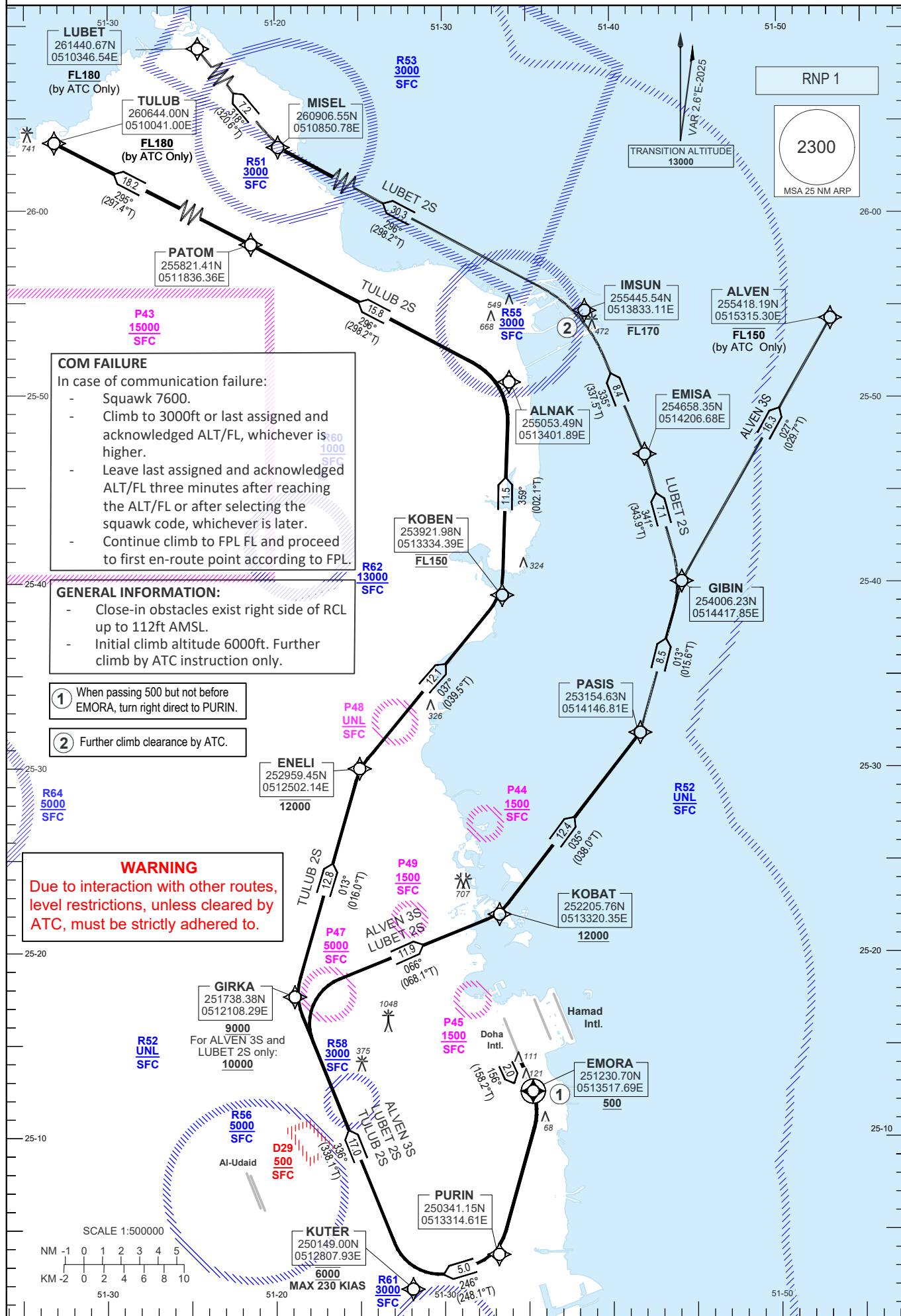


STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAODIST IN NM
BEARINGS ARE MAGNETIC
ALTITUDES AND ELEV IN FEET

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
DOHA TWR	118.900 / 119.025

DOHA/Doha Intl. (OTBD)
RNP RWY 15
ALVEN 3S / LUBET 2S / TULUB 2S

STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAO

DOHA/Doha Intl. (OTBD)
RNP RWY 15
ALVEN 3S / LUBET 2S / TULUB 2S

TABULAR DESCRIPTION

RNP SID ALVEN 3S											
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	EMORA	Y	156 (158.2)	-2.6	2.0	-	-	-	-	RNP1
2	CA	-	-	156 (158.2)	-2.6	-	-	+500	-	-	RNP1
3	DF	PURIN	-	-	-2.6	-	R	-	-	-	RNP1
4	TF	KUTER	-	246 (248.1)	-2.6	5.0	-	@6000	-230	-	RNP1
5	TF	GIRKA	-	336 (338.1)	-2.6	17.0	-	+10000	-	-	RNP1
6	TF	KOBAT	-	066 (068.1)	-2.6	11.9	-	+12000	-	-	RNP1
7	TF	PASIS	-	035 (038.0)	-2.6	12.4	-	-	-	-	RNP1
8	TF	GIBIN	-	013 (015.6)	-2.6	8.5	-	-	-	-	RNP1
9	TF	ALVEN	-	027 (029.7)	-2.6	16.3	-	-FL150	-	-	RNP1
Remarks		ALVEN -FL150 by ATC only									

RNP SID LUBET 2S											
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	EMORA	Y	156 (158.2)	-2.6	2.0	-	-	-	-	RNP1
2	CA	-	-	156 (158.2)	-2.6	-	-	+500	-	-	RNP1
3	DF	PURIN	-	-	-2.6	-	R	-	-	-	RNP1
4	TF	KUTER	-	246 (248.1)	-2.6	5.0	-	@6000	-230	-	RNP1
5	TF	GIRKA	-	336 (338.1)	-2.6	17.0	-	+10000	-	-	RNP1
6	TF	KOBAT	-	066 (068.1)	-2.6	11.9	-	+12000	-	-	RNP1
7	TF	PASIS	-	035 (038.0)	-2.6	12.4	-	-	-	-	RNP1
8	TF	GIBIN	-	013 (015.6)	-2.6	8.5	-	-	-	-	RNP1
9	TF	EMISA	-	341 (343.9)	-2.6	7.1	-	-	-	-	RNP1
10	TF	IMSUN	-	335 (337.5)	-2.6	8.4	-	-FL170	-	-	RNP1
11	TF	MISEL	-	296 (298.2)	-2.6	30.3	-	-	-	-	RNP1
12	TF	LUBET	-	318 (320.6)	-2.6	7.2	-	+FL180	-	-	RNP1
Remarks		LUBET +FL180 by ATC only									

RNP SID TULUB 2S											
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	EMORA	Y	156 (158.2)	-2.6	2.0	-	-	-	-	RNP 1
2	CA	-	-	156 (158.2)	-2.6	-	-	+500	-	-	RNP 1
3	DF	PURIN	-	-	-2.6	-	R	-	-	-	RNP 1
4	TF	KUTER	-	246 (248.1)	-2.6	5.0	-	@6000	-230	-	RNP 1
5	TF	GIRKA	-	336 (338.1)	-2.6	17.0	-	+9000	-	-	RNP 1
6	TF	ENELI	-	013 (016.0)	-2.6	12.8	-	-12000	-	-	RNP 1
7	TF	KOBEN	-	037 (039.5)	-2.6	12.1	-	@FL150	-	-	RNP 1
8	TF	ALNAK	-	359 (002.1)	-2.6	11.5	-	-	-	-	RNP 1
9	TF	PATOM	-	296 (298.2)	-2.6	15.8	-	-	-	-	RNP 1
10	TF	TULUB	-	295 (297.4)	-2.6	18.2	-	+FL180	-	-	RNP1
Remarks		TULUB +FL180 by ATC only									

WAYPOINT LIST

RNP SID ALVEN 3S / LUBET 2S / TULUB 2S	
Waypoint Identifier	Coordinates
EMORA	251230.70N 0513517.69E
PURIN	250341.15N 0513314.61E
KUTER	250149.00N 0512807.93E
GIRKA	251738.38N 0512108.29E
KOBAT	252205.76N 0513320.35E
PASIS	253154.63N 0514146.81E
GIBIN	254006.23N 0514417.85E
ALVEN	255418.19N 0515315.30E

RNP SID ALVEN 3S / LUBET 2S / TULUB 2S	
Waypoint Identifier	Coordinates
EMISA	254658.35N 0514206.68E
IMSUN	255445.54N 0513833.11E
MISEL	260906.55N 0510850.78E
LUBET	261440.67N 0510346.54E
ENELI	252959.45N 0512502.14E
KOBEN	253921.98N 0513334.39E
ALNAK	255053.49N 0513401.89E
PATOM	255821.41N 0511836.36E
TULUB	260644.00N 0510041.00E