

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

**DOHA/Doha Intl. (OTBD)
RNP RWY 33
ALVEN 3N / LUBET 2N / TULUB 2N**

TABULAR DESCRIPTION

RNP SID ALVEN 3N

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	SILSU	Y	336 (338.2)	-2.6	2.0	-	-	-	-	RNP 1
2	CF	ULDOR	Y	305 (307.6)	-2.6	5.6	-	+2500	-210	-	RNP 1
3	DF	KIPIK	-	-	-2.6	-	L	@5000	-230	-	RNP 1
4	TF	EGMED	-	073 (076.1)	-2.6	7.1	-	-	-250	-	RNP 1
5	TF	REVIN	-	003 (005.2)	-2.6	13.2	-	-	-	-	RNP 1
6	TF	DEMBO	-	010 (012.4)	-2.6	6.9	-	-	-	-	RNP 1
7	TF	GIBIN	-	037 (039.6)	-2.6	6.7	-	-	-	-	RNP 1
8	TF	ALVEN	-	027 (029.7)	-2.6	16.3	-	-FL150	-	-	RNP 1

Remarks ALVEN -FL150 by ATC only

RNP SID LUBET 2N

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	SILSU	Y	336 (338.2)	-2.6	2.0	-	-	-	-	RNP 1
2	CF	ULDOR	Y	305 (307.6)	-2.6	5.6	-	+2500	-210	-	RNP 1
3	DF	KIPIK	-	-	-2.6	-	L	@5000	-230	-	RNP 1
4	TF	EGMED	-	073 (076.1)	-2.6	7.1	-	-	-250	-	RNP 1
5	TF	REVIN	-	003 (005.2)	-2.6	13.2	-	-	-	-	RNP 1
6	TF	DEMBO	-	010 (012.4)	-2.6	6.9	-	-	-	-	RNP 1
7	TF	EMISA	-	008 (010.9)	-2.6	12.3	-	-	-	-	RNP 1
8	TF	IMSUN	-	335 (337.5)	-2.6	8.4	-	-FL170	-	-	RNP 1
9	TF	MISEL	-	296 (298.2)	-2.6	30.3	-	-	-	-	RNP 1
10	TF	LUBET	-	318 (320.6)	-2.6	7.2	-	+FL180	-	-	RNP 1

Remarks IMSUN -FL170 and LUBET +FL180 by ATC only

RNP SID TULUB 2N

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	SILSU	Y	336 (338.2)	-2.6	2.0	-	-	-	-	RNP 1
2	CF	ULDOR	Y	305 (307.6)	-2.6	5.6	-	+2500	-210	-	RNP 1
3	DF	KIPIK	-	-	-2.6	-	L	@5000	-230	-	RNP 1
4	TF	EGMED	-	073 (076.1)	-2.6	7.1	-	-	-250	-	RNP 1
5	TF	SOKEN	-	340 (342.7)	-2.6	12.6	-	-	-	-	RNP 1
6	TF	KOBEN	-	002 (004.8)	-2.6	12.3	-	-	-	-	RNP 1
7	TF	ALNAK	-	359 (002.1)	-2.6	11.5	-	-	-	-	RNP 1
8	TF	PATOM	-	296 (298.2)	-2.6	15.8	-	-	-	-	RNP 1
9	TF	TULUB	-	295 (297.4)	-2.6	18.2	-	+FL180	-	-	RNP 1

Remarks TULUB +FL180 by ATC only

WAYPOINT LIST

RNP SID ALVEN 3N / LUBET 2N / TULUB 2N	
Waypoint Identifier	Coordinates
SILSU	251845.91N 0513232.29E
ULDOR	252210.12N 0512740.83E
KIPIK	251317.45N 0512900.51E
EGMED	251459.66N 0513634.80E
REVIN	252809.09N 0513754.68E
DEMBO	253453.32N 0513932.53E
GIBIN	254006.23N 0514417.85E
ALVEN	255418.19N 0515315.30E
EMISA	254658.35N 0514206.68E
IMSUN	255445.54N 0513833.11E

RNP SID ALVEN 3N / LUBET 2N / TULUB 2N	
Waypoint Identifier	Coordinates
MISEL	260906.55N 0510850.78E
LUBET	261440.67N 0510346.54E
SOKEN	252704.81N 0513225.39E
KOBEN	253921.98N 0513334.39E
ALNAK	255053.49N 0513401.89E
PATOM	255821.41N 0511836.36E
TULUB	260644.00N 0510041.00E