

STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAO

DOHA/Hamad Intl.(OTHH)
RNP RWY 16L
ALVEN 2M / LUBET 1M / LUBET 1Y / TULUB 1M

TABULAR DESCRIPTION

RNP SID ALVEN 2M

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	KIVOD	Y	156 (158.2)	-2.6	1.8	-	-	-	-	RNP 1
2	CA	-	-	156 (158.2)	-2.6	-	-	+500	-	-	RNP 1
3	DF	MIRAV	-	-	-2.6	-	L	-	-250	-	RNP 1
4	TF	DERTI	-	336 (338.3)	-2.6	6.0	-	+4000	-	-	RNP 1
5	TF	GIDOS	-	336 (338.3)	-2.6	5.9	-	@5000	-	-	RNP 1
6	TF	PASIS	-	336 (338.3)	-2.6	7.4	-	-8000/+7000	-	-	RNP 1
7	TF	GIBIN	-	013 (015.6)	-2.6	8.5	-	-	-	-	RNP 1
8	TF	ALVEN	-	027 (029.7)	-2.6	16.3	-	-FL150	-	-	RNP 1
Remarks		ALVEN -FL150 by ATC only									

RNP SID LUBET 1M

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	KIVOD	Y	156 (158.2)	-2.6	1.8	-	-	-	-	RNP 1
2	CA	-	-	156 (158.2)	-2.6	-	-	+500	-	-	RNP 1
3	DF	MIRAV	-	-	-2.6	-	L	-	-250	-	RNP 1
4	TF	DERTI	-	336 (338.3)	-2.6	6.0	-	+4000	-	-	RNP 1
5	TF	GIDOS	-	336 (338.3)	-2.6	5.9	-	@5000	-	-	RNP 1
6	TF	PASIS	-	336 (338.3)	-2.6	7.4	-	-8000/+7000	-	-	RNP 1
7	TF	GIBIN	-	013 (015.6)	-2.6	8.5	-	-	-	-	RNP 1
8	TF	EMISA	-	341 (343.9)	-2.6	7.1	-	-	-	-	RNP 1
9	TF	IMSUN	-	335 (337.5)	-2.6	8.4	-	-FL170	-	-	RNP 1
10	TF	MISEL	-	296 (298.2)	-2.6	30.3	-	-	-	-	RNP 1
11	TF	LUBET	-	318 (320.6)	-2.6	7.2	-	+FL180	-	-	RNP 1
Remarks		LUBET +FL180 by ATC only									

RNP SID LUBET 1Y

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	KIVOD	Y	156 (158.2)	-2.6	1.8	-	-	-	-	RNP 1
2	CA	-	-	156 (158.2)	-2.6	-	-	+500	-	-	RNP 1
3	DF	MIRAV	-	-	-2.6	-	L	-	-250	-	RNP 1
4	TF	DERTI	-	336 (338.3)	-2.6	6.0	-	+4000	-	-	RNP 1
5	TF	GIDOS	-	336 (338.3)	-2.6	5.9	-	@5000	-	-	RNP 1
6	TF	PASIS	-	336 (338.3)	-2.6	7.4	-	-8000/+7000	-	-	RNP 1
7	TF	DEBIL	-	339 (341.4)	-2.6	12.3	-	-13000	-	-	RNP 1
8	TF	ALNAK	-	334 (337.1)	-2.6	7.9	-	-	-	-	RNP 1
9	TF	PATOM	-	296 (298.2)	-2.6	15.8	-	+FL160	-	-	RNP 1
10	TF	MISEL	-	318 (320.7)	-2.6	13.9	-	-	-	-	RNP 1
11	TF	LUBET	-	318 (320.6)	-2.6	7.2	-	+FL180	-	-	RNP 1
Remarks		PATOM +FL160 and LUBET +FL180 by ATC only									

RNP SID TULUB 1M											
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	KIVOD	Y	156 (158.2)	-2.6	1.8	-	-	-	-	RNP 1
2	CA	-	-	156 (158.2)	-2.6	-	-	+500	-	-	RNP 1
3	DF	MIRAV	-	-	-2.6	-	L	-	-250	-	RNP 1
4	TF	DETI	-	336 (338.3)	-2.6	6.0	-	+4000	-	-	RNP 1
5	TF	GIDOS	-	336 (338.3)	-2.6	5.9	-	@5000	-	-	RNP 1
6	TF	PASIS	-	336 (338.3)	-2.6	7.4	-	-8000/+7000	-	-	RNP 1
7	TF	DEBIL	-	339 (341.4)	-2.6	12.3	-	-13000	-	-	RNP 1
8	TF	ALNAK	-	334 (337.1)	-2.6	7.9	-	-	-	-	RNP 1
9	TF	PATOM	-	296 (298.2)	-2.6	15.8	-	+FL160	-	-	RNP 1
10	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 2M /LUBET 1M /LUBET 1Y /TULUB 1M	
Waypoint Identifier	Coordinates
KIVOD	251339.57N 0513820.46E
MIRAV	251400.80N 0514937.14E
DETI	251934.52N 0514711.24E
GIDOS	252502.23N 0514447.73E
PASIS	253154.63N 0514146.81E
GIBIN	254006.23N 0514417.85E
ALVEN	255418.19N 0515315.30E

RNP SID ALVEN 2M /LUBET 1M /LUBET 1Y /TULUB 1M	
Waypoint Identifier	Coordinates
EMISA	254658.35N 0514206.68E
IMSUN	255445.54N 0513833.11E
MISEL	260906.55N 0510850.78E
LUBET	261440.67N 0510346.54E
DEBIL	254336.08N 0513726.39E
ALNAK	255053.49N 0513401.89E
PATOM	255821.41N 0511836.36E
TULUB	260644.00N 0510041.00E