



STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAO

DOHA/Doha Intl. (OTBD)
RNP RWY 33
ALSEM 4N / BUNDU 4N / KUPRO 2N / VAXIN 4N

TABULAR DESCRIPTION

RNP SID ALSEM 4N											
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	SUVMA	-	066 (068.4)	-2.6	23.4	-	-	-	-	RNP 1
6	TF	GOBLU	-	100 (102.5)	-2.6	10.8	-	-	-	-	RNP 1
7	TF	ALSEM	-	076 (078.2)	-2.6	28.7	-	-FL210	-	-	RNP 1
Remarks		ALSEM -FL210 by ATC only									

RNP SID BUNDU 4N											
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	SERGA	-	066 (068.4)	-2.6	14.4	-	-	-	-	RNP 1
6	TF	LOTUM	-	100 (102.3)	-2.6	13.3	-	-	-	-	RNP 1
7	TF	IVOMO	-	126 (128.2)	-2.6	16.3	-	-	-	-	RNP 1
8	TF	BUNDU	-	126 (128.3)	-2.6	11.1	-	-FL250	-	-	RNP 1
Remarks		BUNDU -FL250 by ATC only									

RNP SID KUPRO 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	SERGA	-	066 (068.4)	-2.6	14.4	-	-	-	-	RNP 1
6	TF	LOTUM	-	100 (102.3)	-2.6	13.3	-	-	-	-	RNP 1
7	TF	KUPRO	-	107 (109.1)	-2.6	28.3	-	-FL250	-	-	RNP 1
Remarks		KUPRO -FL250 by ATC only									

RNP SID VAXIN 4N											
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	SUVMA	-	066 (068.4)	-2.6	23.4	-	-	-	-	RNP 1
6	TF	GOBLU	-	100 (102.5)	-2.6	10.8	-	-	-	-	RNP 1
7	TF	VAXIN	-	021 (023.9)	-2.6	21.2	-	-FL150	-	-	RNP 1
Remarks		VAXIN -FL150 by ATC only									

WAYPOINT LIST

RNP SID ALSEM 4N / BUNDU 4N / KUPRO 2N / VAXIN 4N		
Waypoint Identifier	Coordinates	
SILSU	251845.91N 0513232.29E	
ULDOR	252210.12N 0512740.83E	
KIPIK	251317.45N 0512900.51E	
EGMED	251459.66N 0513634.80E	
SERGA	252017.15N 0515119.53E	
LOTUM	251724.83N 0520542.36E	
IVOMO	250717.52N 0521949.51E	

RNP SID ALSEM 4N / BUNDU 4N / KUPRO 2N / VAXIN 4N		
Waypoint Identifier	Coordinates	
BUNDU	250024.00N 0522924.00E	
KUPRO	250804.83N 0523512.87E	
SUVMA	252335.88N 0520036.09E	
GOBLU	252113.67N 0521217.27E	
ALSEM	252703.45N 0524322.04E	
VAXIN	254043.00N 0522148.00E	