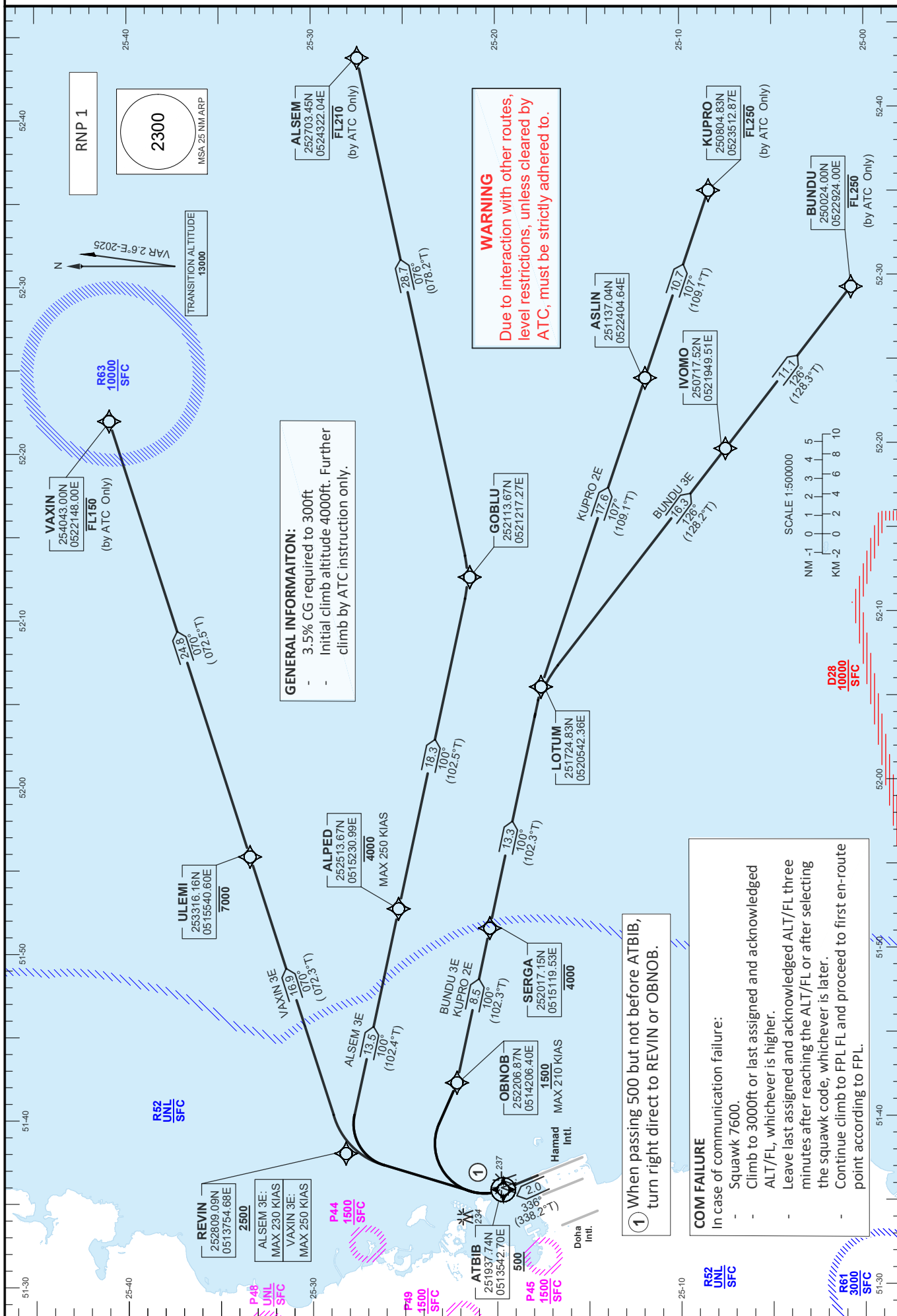


**STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAO**

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 EAST 124.775 / 120.600
HAMAD TWR EAST 118.525 / 118.225

DOHA/Hamad Intl. (OTHH)
RNP RWY 34R
ALSEM 3E / BUNDU 3E /
KUPRO 2E / VAXIN 3E



STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAODOHA/Hamad Intl.(OTHH)
RNP RWY 34R
ALSEM 3E / BUNDU 3E / KUPRO 2E / VAXIN 3E

TABULAR DESCRIPTION

RNP SID ALSEM 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	-230	-	RNP 1
4	TF	ALPED	-	100 (102.4)	-2.6	13.5	-	-4000	-250	-	RNP 1
5	TF	GOBLU	-	100 (102.5)	-2.6	18.3	-	-	-	-	RNP 1
6	TF	ALSEM	-	076 (078.2)	-2.6	28.7	-	-FL210	-	-	RNP 1
Remarks		ALSEM -FL210 by ATC only									

RNP SID BUNDU 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	OBNOB	-	-	-2.6	-	R	+1500	-210	-	RNP 1
4	TF	SERGA	-	100 (102.3)	-2.6	8.5	-	-4000	-	-	RNP 1
5	TF	LOTUM	-	100 (102.3)	-2.6	13.3	-	-	-	-	RNP 1
6	TF	IVOMO	-	126 (128.2)	-2.6	16.3	-	-	-	-	RNP 1
7	TF	BUNDU	-	126 (128.3)	-2.6	11.1	-	-FL250	-	-	RNP 1
Remarks		BUNDU -FL250 by ATC only									

RNP SID KUPRO 2E

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	OBNOB	-	-	-2.6	-	R	+1500	-210	-	RNP 1
4	TF	SERGA	-	100 (102.3)	-2.6	8.5	-	-4000	-	-	RNP 1
5	TF	LOTUM	-	100 (102.3)	-2.6	13.3	-	-	-	-	RNP 1
6	TF	ASLIN	-	107 (109.1)	-2.6	17.6	-	-	-	-	RNP 1
7	TF	KUPRO	-	107 (109.1)	-2.6	10.7	-	-FL250	-	-	RNP 1
Remarks		KUPRO -FL250 by ATC only									

RNP SID VAXIN 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	-250	-	RNP 1
4	TF	ULEMI	-	070 (072.3)	-2.6	16.9	-	-7000	-	-	RNP 1
5	TF	VAXIN	-	070 (072.5)	-2.6	24.8	-	-FL150	-	-	RNP 1
Remarks		VAXIN -FL150 by ATC only									

WAYPOINT LIST

RNP SID ALSEM 3E / BUNDU 3E / KUPRO 2E / VAXIN 3E	
Waypoint Identifier	Coordinates
ATBIB	251937.74N 0513542.70E
REVIN	252809.09N 0513754.68E
ALPED	252513.67N 0515230.99E
GOBLU	252113.67N 0521217.27E
ALSEM	252703.45N 0524322.04E
OBNOB	252206.87N 0514206.40E
SERGA	252017.15N 0515119.53E

RNP SID ALSEM 3E / BUNDU 3E / KUPRO 2E / VAXIN 3E	
Waypoint Identifier	Coordinates
LOTUM	251724.83N 0520542.36E
IVOMO	250717.52N 0521949.51E
BUNDU	250024.00N 0522924.00E
ASLIN	251137.04N 0522404.64E
KUPRO	250804.83N 0523512.87E
ULEMI	253316.16N 0515540.60E
VAXIN	254043.00N 0522148.00E