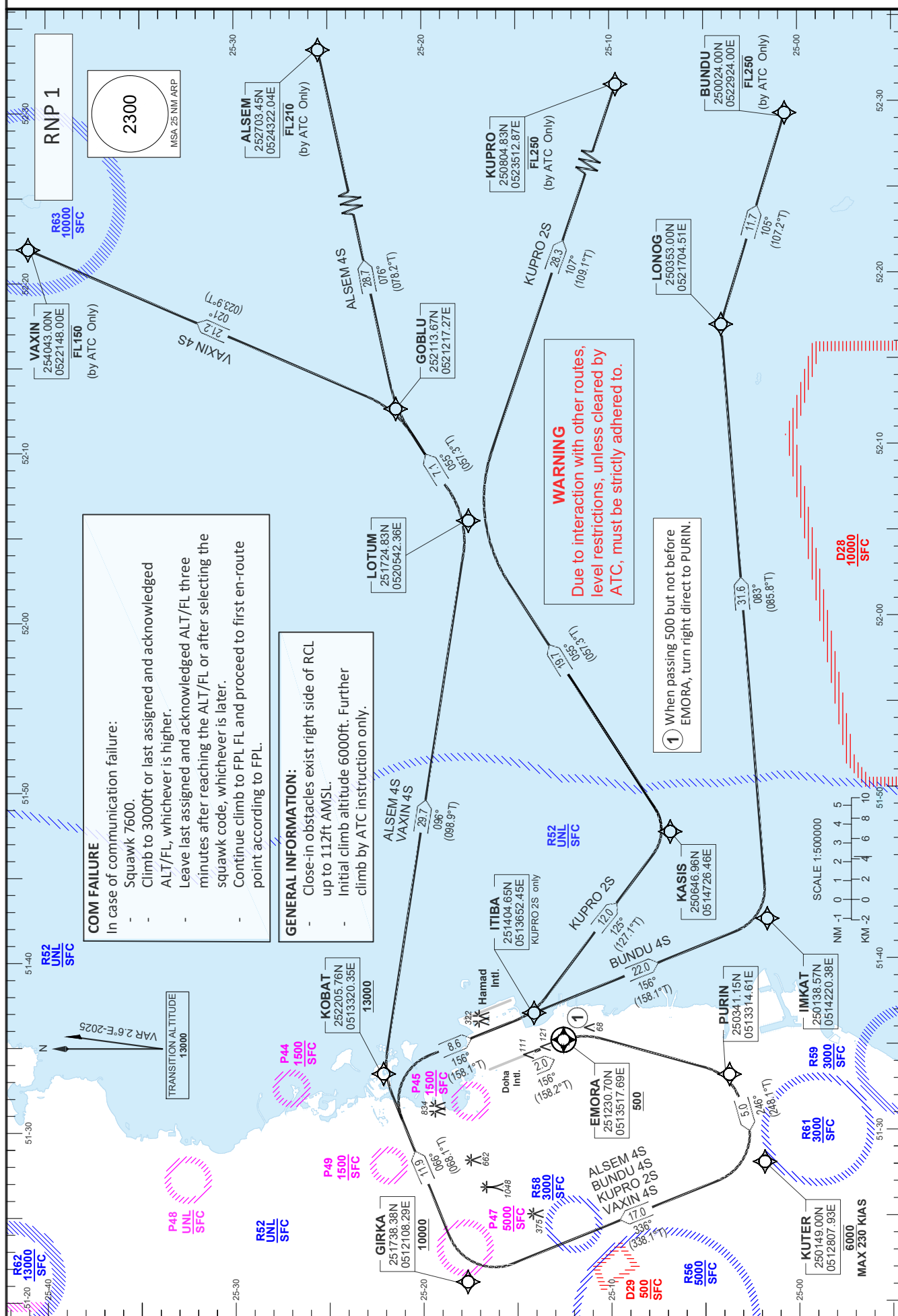


DOHA/Doha Intl. (OTBD)
RNP RWY 15
ALSEM 4S / BUNDU 4S / KUPRO 2S / VAXIN 4S



STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAO

DOHA/Doha Intl. (OTBD)
RNP RWY 15
ALSEM 4S / BUNDU 4S / KUPRO 2S / VAXIN 4S

TABULAR DESCRIPTION

RNP SID ALSEM 4S											
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	-	+13000	-	-	RNP1
7	TF	LOTUM	-	096 (098.9)	-2.6	29.7	-	-	-	-	RNP1
8	TF	GOBLU	-	055 (057.3)	-2.6	7.1	-	-	-	-	RNP1
9	TF	ALSEM	-	076 (078.2)	-2.6	28.7	-	-FL210	-	-	RNP1
Remarks		ALSEM -FL210 by ATC only									

RNP SID BUNDU 4S											
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	-	+13000	-	-	RNP1
7	TF	IMKAT	-	156 (158.1)	-2.6	22.0	-	-	-	-	RNP1
8	TF	LONOG	-	083 (085.8)	-2.6	31.6	-	-	-	-	RNP1
9	TF	BUNDU	-	105 (107.2)	-2.6	11.7	-	-FL250	-	-	RNP1
Remarks		BUNDU -FL250 by ATC only									

RNP SID KUPRO 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	-	+10000	-	-	RNP 1
6	TF	KOBAT	-	066 (068.1)	-2.6	11.9	-	+13000	-	-	RNP 1
7	TF	ITIBA	-	156 (158.1)	-2.6	8.6	-	-	-	-	RNP 1
8	TF	KASIS	-	125 (127.1)	-2.6	12.0	-	-	-	-	RNP 1
9	TF	LOTUM	-	055 (057.3)	-2.6	19.7	-	-	-	-	RNP 1
10	TF	KUPRO	-	107 (109.1)	-2.6	28.3	-	-FL250	-	-	RNP 1
Remarks		KUPRO -FL250 by ATC only									

RNP SID VAXIN 4S											
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	-	+10000	-	-	RNP 1
6	TF	KOBAT	-	066 (068.1)	-2.6	11.9	-	+13000	-	-	RNP 1
7	TF	LOTUM	-	096 (098.9)	-2.6	29.7	-	-	-	-	RNP 1
8	TF	GOBLU	-	055 (057.3)	-2.6	7.1	-	-	-	-	RNP 1
9	TF	VAXIN	-	021 (023.9)	-2.6	21.2	-	-FL150	-	-	RNP1
Remarks		VAXIN -FL150 by ATC only									

WAYPOINT LIST

RNP SID ALSEM 4S / BUNDU 4S / KUPRO 2S / VAXIN 4S	
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
ITIBA	251404.65N 0513652.45E
KASIS	250646.96N 0514726.46E
GOBLU	252113.67N 0521217.27E

RNP SID ALSEM 4S / BUNDU 4S / KUPRO 2S / VAXIN 4S	
Waypoint Identifier	Coordinates
ALSEM	252703.45N 0524322.04E
IMKAT	250138.57N 0514220.38E
LONOG	250353.00N 0521704.51E
BUNDU	250024.00N 0522924.00E
LOTUM	251724.83N 0520542.36E
KUPRO	250804.83N 0523512.87E
VAXIN	254043.00N 0522148.00E

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