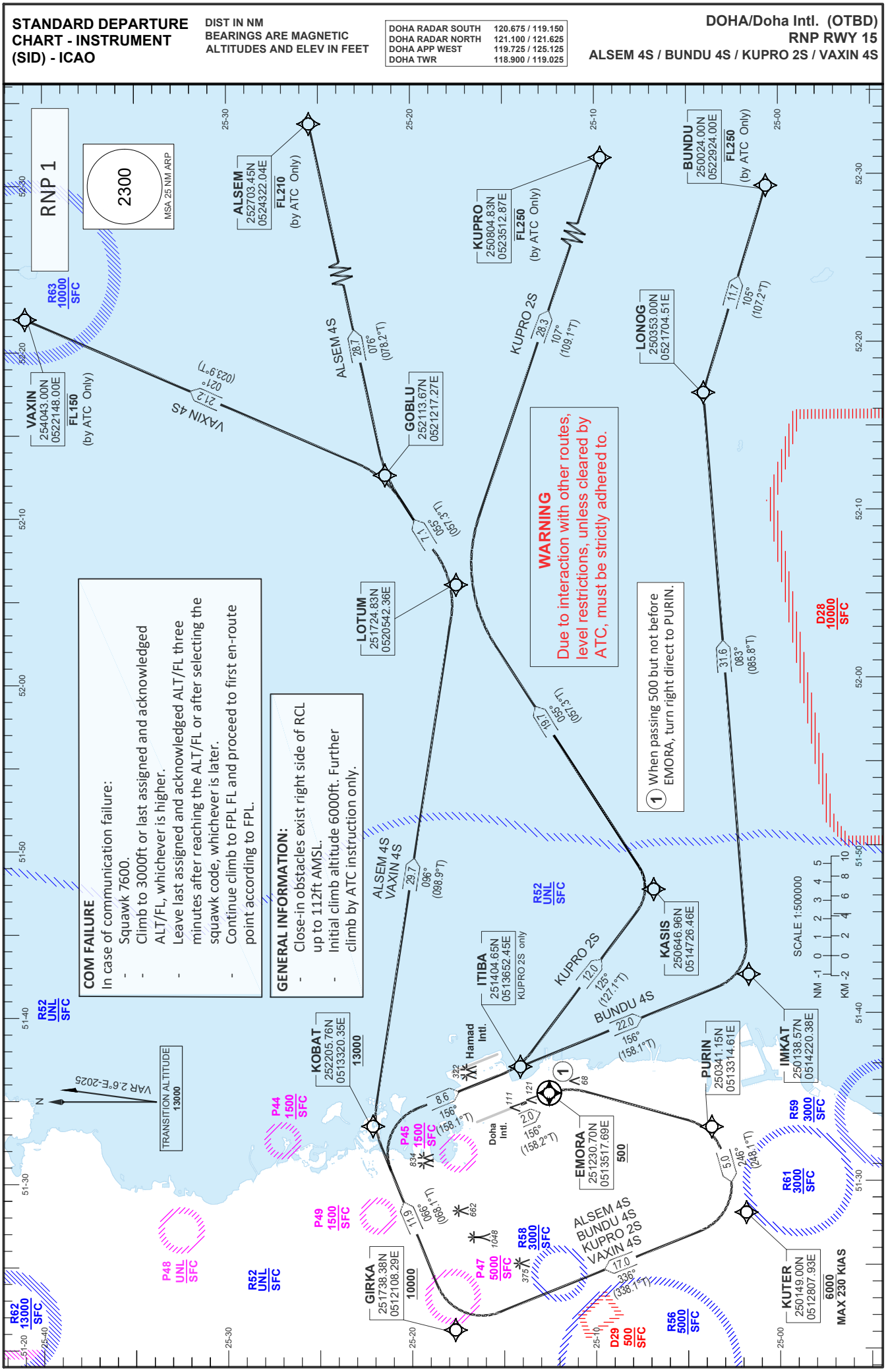
STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

DIST IN NM
BEARINGS ARE MAGNETIC
ALTITUDES AND ELEV IN FEET

DOHA RADAR SOUTH	120.675 / 119.150
DOHA RADAR NORTH	121.100 / 121.625
DOHA APP WEST	119.725 / 125.125
DOHA TWR	118.900 / 119.025

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										

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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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