STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

DIST IN NM
BEARINGS ARE MAGNETIC
ALTITUDES AND ELEV IN FEET

DOHA RADAR	121.10
DOHA APP	119.725 / 120.60
TWR (EAST)	118.525 / 118.225
TWR (WEST)	118.025 / 118.225

DOHA/Hamad Intl. (OTHH)
RNP RWY 16L
BATHA 1M

RNP 1

N
VAR 2.3 °E - 2014
Annual Rate of Change 0.05°E

TRANSITION ALTITUDE 13000

2300
MSA 25NM ARP

DOHA/ HAMAD INTL
DVOR/DME 114.4
DOH ... --- ...
251459.66N
0513634.80E
39

Doha Intl.

P47 5000 SFC
P46 1500 SFC
P45 1500 SFC
D29 500 SFC
R58 3000 SFC
R52 UNL SFC
R56 5000 SFC
Al Udaid
R59 3000 SFC
R54 1500 SFC
D28 27000 SFC
D2 27000 SFC
OMR54 UNL SFC

WARNING
Due to interaction with other routes, level restrictions, unless cleared by ATC, must be strictly adhered to.

BATHA 1M
156° (158.2°T)
BUDEB
250600.67N
0514142.21E
3000
4.2
156° (158.2°T)
LAGMA
250204.62N
0514325.78E
7.9
169° (171.2°T)
VUVAN
245415.69N
0514445.27E
6.5
215° (217.4°T)
IMRED
244902.43N
0514023.35E
3000
10.0
215° (217.3°T)
TONBI
244104.68N
0513344.82E
4000
5.0
190° (192.2°T)
UKPUX
243610.41N
0513235.22E
4000
5.0
190° (192.2°T)
IVAVA
243116.13N
0513125.73E
5000
6.1
190° (192.5°T)
DENSI
242518.88N
0512959.31E
12.6
190° (192.0°T)
BATHA
241257.04N
0512707.09E
6000

SCALE 1:500000
NM -1 0 1 2 3 4 5
KM -2 0 2 4 6 8 10

Route Designator	Routeing
BATHA 1M	**BUDEB**[T158.2;A3000] - **LAGMA** - **VUVAN** - **IMRED**[A3000] - **TONBI**[A4000] - **UKPUX**[A4000] - **IVAVA**[A5000+] - **DENSI** - **BATHA** [A6000-]

Changes: Update MSA.

Standard Instrument Departure Coding Table

HAMAD INTERNATIONAL RNP Standard Instrument Departure BATHA 1M

OTHH RNP SID BATHA 1M

Serial Num	PT	WPT	Flyover	Course(T)	Magnetic Variation	Dist(NM)	Turn Direction	Altitude Description	Speed Limit	THR Elev TCH (ft)	VPA (°)	Arc Center Wpt Ident/radius (NM)	Navigational Performance
1	CF	**BUDEB**	-	156 (158.2)	2.3	-		@3000					RNP1.0
2	TF	**LAGMA**	-	156 (158.2)	2.3	4.2		-					RNP1.0
3	TF	**VUVAN**	-	169 (171.2)	2.3	7.9		-					RNP1.0
4	TF	**IMRED**	-	215 (217.4)	2.3	6.5		@3000					RNP1.0
5	TF	**TONBI**	-	215 (217.3)	2.3	10.0		@4000					RNP1.0
6	TF	**UKPUX**	-	190 (192.2)	2.3	5.0		@4000					RNP1.0
7	TF	**IVAVA**	-	190 (192.2)	2.3	5.0		+5000					RNP1.0
8	TF	**DENSI**	-	190 (192.5)	2.3	6.1		-					RNP1.0
9	TF	**BATHA**	-	190 (192.0)	2.3	12.6		-6000					RNP1.0