



STANDARD ARRIVAL
CHART - INSTRUMENT
(STAR) - ICAO

DOHA/Doha Intl.(OTBD)
RNP RWY 33
AFNAN 1N /BAYAN 1N /GINTO 1N

TABULAR DESCRIPTION

RNP STAR AFNAN 1N											
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	IF	AFNAN	-	-	2.3	-	-	-12000	-	-	RNP 1
2	TF	MUVEX	-	327 (329.7)	2.3	9.7	-	-	-	-	RNP 1
3	TF	LOVAN	-	246 (248.3)	2.3	7.9	-	+8000	-	-	RNP 1
4	TF	PURIN	-	246 (248.2)	2.3	13.0	L	+6000	-220	-	RNP 1
5	TF	DASIK	-	156 (158.1)	2.3	5.0	L	+5000	-220	-	RNP 1
6	TF	NAJMA	-	065 (067.7)	2.3	5.0	-	-	-180	-	RNP 1

RNP STAR BAYAN 1N											
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	IF	BAYAN	-	-	2.3	-	-	-12000	-	-	RNP 1
2	TF	EGNUG	-	208 (209.8)	2.3	12.3	-	-	-	-	RNP 1
3	TF	SOMAP	-	214 (215.9)	2.3	15.4	-	+8000	-	-	RNP 1
4	TF	DASIK	-	156 (158.1)	2.3	7.7	L	+5000	-220	-	RNP 1
5	TF	NAJMA	-	065 (067.7)	2.3	5.0	-	-	-180	-	RNP 1

RNP STAR GINTO 1N											
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	IF	GINTO	-	-	2.3	-	-	-12000	-	-	RNP 1
2	TF	LAGNO	-	087 (089.3)	2.3	10.0	-	-	-	-	RNP 1
3	TF	NOVDA	-	097 (099.7)	2.3	12.3	-	-	-	-	RNP 1
4	TF	SOMAP	-	156 (158.1)	2.3	8.5	-	+8000	-	-	RNP 1
5	TF	DASIK	-	156 (158.1)	2.3	7.7	L	+5000	-220	-	RNP 1
6	TF	NAJMA	-	065 (067.7)	2.3	5.0	-	-	-180	-	RNP 1

WAYPOINT LIST

RNP STAR AFNAN 1N/BAYAN 1N/GINTO 1N	
Waypoint Identifier	Coordinates
AFNAN	250300.80N 0515958.92E
MUVEX	251126.65N 0515434.36E
LOVAN	250831.68N 0514632.01E
PURIN	250341.15N 0513314.61E
BAYAN	252926.00N 0514849.00E
EGNUG	251843.02N 0514203.54E
GINTO	251605.56N 0510415.88E
LAGNO	251613.00N 0511518.00E
NOVDA	251408.31N 0512838.05E
SOMAP	250613.80N 0513207.37E
DASIK	245903.55N 0513516.76E
NAJMA	250057.64N 0514022.44E