

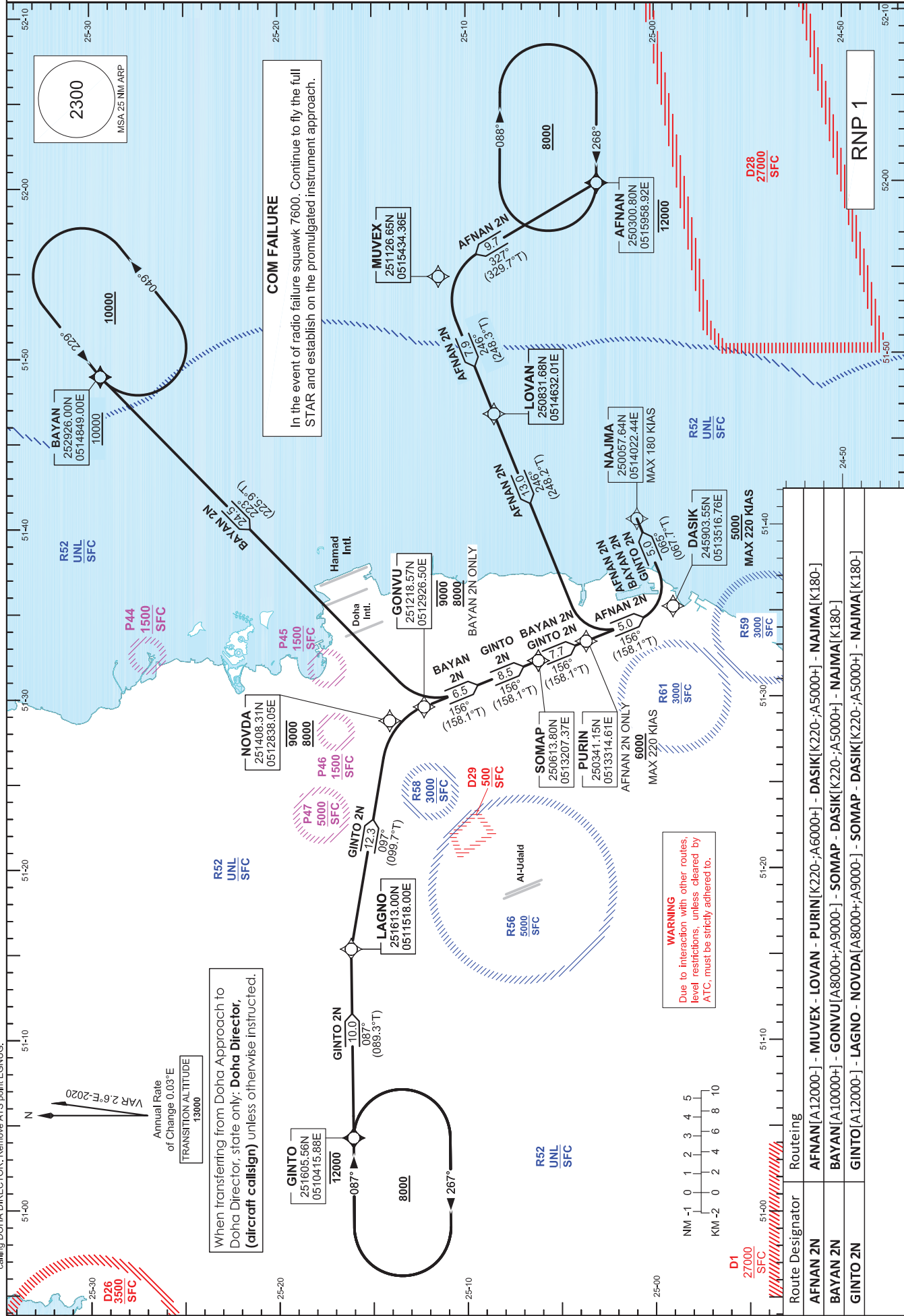
STANDARD ARRIVAL
CHART - INSTRUMENT
(STAR) - ICAO

DIST IN NM
BEARINGS ARE MAGNETIC
ALTITUDES AND ELEV IN FEET

DOHA RADAR 121.10
DOHA APP 119.725 / 120.60
DOHA DIRECTOR 119.40 / 121.125
DOHA TWR 118.90 / 119.025

DOHA/Doha Intl. (OTBD)
RNP RWY 33
AFNAN 2N /BAYAN 2N /GINTO 2N

Changes: Procedures: AFNAN 2N, BAYAN 2N, GINTO 2N: ATS COM facilities call sign; magnetic variation; and chart number. Add ATS point GONVU: COM Failure procedure; and note when calling DOHA DIRECTOR. Remove ATS point EGNUG.



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TABULAR DESCRIPTION

RNP STAR AFNAN 2N											
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	-	-	-2.6	-	-	-12000	-	-	RNP 1
2	TF	MUVEX	-	327 (329.7)	-2.6	9.7	-	-	-	-	RNP 1
3	TF	LOVAN	-	246 (248.3)	-2.6	7.9	-	-	-	-	RNP 1
4	TF	PURIN	-	246 (248.2)	-2.6	13.0	-	+6000	-220	-	RNP 1
5	TF	DASIK	-	156 (158.1)	-2.6	5.0	-	+5000	-220	-	RNP 1
6	TF	NAJMA	-	065 (067.7)	-2.6	5.0	-	-	-180	-	RNP 1

RNP STAR BAYAN 2N											
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	-	-	-2.6	-	-	+10000	-	-	RNP 1
2	TF	GONVU	-	223 (225.9)	-2.6	24.5	-	+8000/-9000	-	-	RNP 1
3	TF	SOMAP	-	156 (158.1)	-2.6	6.5	-	-	-	-	RNP 1
4	TF	DASIK	-	156 (158.1)	-2.6	7.7	-	+5000	-220	-	RNP 1
5	TF	NAJMA	-	065 (067.7)	-2.6	5.0	-	-	-180	-	RNP 1

RNP STAR GINTO 2N											
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	-	-	-2.6	-	-	-12000	-	-	RNP 1
2	TF	LAGNO	-	087 (089.3)	-2.6	10.0	-	-	-	-	RNP 1
3	TF	NOVDA	-	097 (099.7)	-2.6	12.3	-	+8000/-9000	-	-	RNP 1
4	TF	SOMAP	-	156 (158.1)	-2.6	8.5	-	-	-	-	RNP 1
5	TF	DASIK	-	156 (158.1)	-2.6	7.7	-	+5000	-220	-	RNP 1
6	TF	NAJMA	-	065 (067.7)	-2.6	5.0	-	-	-180	-	RNP 1

WAYPOINT LIST

RNP STAR AFNAN 2N /BAYAN 2N /GINTO 2N	
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
GONVU	251218.57N 0512926.50E
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