

INSTRUMENT
APPROACH
CHART-ICAOAD ELEV 13
HEIGHTS RELATED TO AD ELEVDOHA/Hamad Intl.(OTHH)
RNP RWY 16L
ACFT CAT A,B,C,D

TABULAR DESCRIPTION

RNP RWY 16L TANDO

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	TANDO	-		2.3			+5000	-220		RNP APCH
2	TF	TOVAN	-	066 (068.1)	2.3	6.1	R	+3000	-180		RNP APCH

RNP RWY 16L ODBIP

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	ODBIP	-		2.3			+5000	-220		RNP APCH
2	TF	TOVAN	-	150 (152.0)	2.3	5.0		+3000	-180		RNP APCH

RNP RWY 16L IVANI

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	IVANI	-		2.3			+5000	-220		RNP APCH
2	TF	TOVAN	-	246 (248.1)	2.3	5.0	L	+3000	-180		RNP APCH

RNP RWY 16L FINAL

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	TOVAN	-		2.3	-		+3000	-180		RNP APCH
2	TF	HH601	-	156 (158.1)	2.3	5.2		+3000	-180		RNP APCH
3	TF	RW16L	Y	156 (158.1)	2.3	9.2			-180	-3.0/50	RNP APCH
4	CF	HH602	Y	156 (158.2)	2.3	-	L		-230		RNP APCH
5	TF	GENOT	-	063 (065.8)	2.3	13.3		@4000	-230		RNP APCH
6	HM	GENOT	Y	066 (068.3)	2.3	4.3	L	@4000	-230		RNP APCH

WAYPOINT LIST

RNP RWY 16L

Waypoint Identifier	Coordinates
TANDO	252853.68N 0512422.68E
ODBIP	253537.40N 0512800.00E
IVANI	253302.21N 0513544.87E
TOVAN	253109.81N 0513037.05E
HH601	252621.31N 0513244.59E
RW16L	251745.97N 0513631.96E
HH602	251449.85N 0513749.52E
GENOT	252018.11N 0515114.66E