



**Missed Approach**  
Climb straight ahead to HH602. At HH602, turn left to GENOT. Climb and maintain 4000. Missed Approach speed restriction 230KIAS.

Distance from MAPt	9	8	7	6	5	4	3	2
ALT (3.0° VPA)	2930	2620	2300	1980	1660	1340	1020	700

OCA (OCH)		A	B	C	D
Straight in Approach	LNAV/VNAV	370 (357)			
	LNAV	570 (557)			
Circling		620 (607)		1240 (1227)	

1. HOLD at GENOT protected for sector 3 Entry only.

Approach: MAPt at RW16L							
Speed	KT	80	100	120	140	160	180
Time	MIN:SEC	Timing Not Authorized					
Rate of Descent	FT/MIN	420	530	640	740	850	960

Changes: New restricted area R61.

INSTRUMENT  
APPROACH  
CHART-ICAO

AD ELEV 13  
HEIGHTS RELATED TO AD ELEV

DOHA/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