

AERONAUTICAL DATA TABULATION

RNAV (GNSS) RWY 31

Serial number	Path descriptor	Fix identifier	Flyover	Course °M(°T)	Dist,km	Turn direction	Altitude,m	Speed, (km/h)	Coordinates	VPA/RDH	Navigation performance	Remarks
RNAV (RNP) RWY31-via UGUNA-UG002(IF)												
1	IF	UGUNA	-	-	-	-	+2300	-	49 59 29.19N 092 20 45.02E	-	RNP APCH	IAF
2	TF	UG002	-	221(223.1)	13.90	-	+2100	-	49 54 01.02N 092 12 48.12E	-	RNP APCH	IF
RNAV (RNP) RWY31-via TEKUR-UG002(IF)												
1	IF	TEKUR	-	-	-	-	+3600	-	49 53 56.93N 092 36 11.14E	-	RNP APCH	IAF
2	TF	UG002	-	268(270.1)	28.00	-	+2100	-	49 54 01.02N 092 12 48.12E	-	RNP APCH	IF
RNAV (RNP) RWY31-via TAVIM-UG0012(IF)												
1	IF	TAVIM	-	-	-	-	+3600	-	49 41 06.71N 092 04 19.03E	-	RNP APCH	IAF
2	TF	UG002	-	021(023.1)	26.00	-	+2100	-	49 54 01.02N 092 12 48.12E	-	RNP APCH	IF
RNAV (RNP) RWY31-via UG002-UGUNA(MAHF)												
1	TF	UG002	-	-	-	-	+2100	-	49 54 01.02N 092 12 48.12E	-	RNP APCH	IF
2	TF	UG001	-	311(313.1)	16.00	-	@1430	-	49 59 55.34N 092 03 02.82E	-	RNP APCH	FAF
3	TF	THR31	Y	311(313.1)	9.75	-	+1150	-	50 03 31.19N 091 57 05.35E	-3.0°/15	RNP APCH	MAPT
4	FA	-	-	311(313.1)	-	-	@1300	-		-	RNP APCH	-
5	DF	UGUNA	-	-	-	R	+2300	-	49 59 29.19N 092 20 45.02E	-	RNP APCH	MAHF

HOLDING PROCEDURE

Holding Identification	Path descriptor	Fix identifier	Inbound course °M(°T)	Leg distance (min)	Turn direction	Minimum altitude	Speed limit, (km/h)	Coordinates	Navigation performance
RNAV (GNSS)RWY 31	HM	UGUNA	221(223.1)	1min	R	2300	-425	49 59 29.19N 092 20 45.02E	RNP APCH
RNAV (GNSS)RWY 31	HM	TEKUR	268(270.1)	1min	R	3600	-445	49 53 56.93N 092 36 11.14E	RNP APCH
RNAV (GNSS)RWY 31	HM	TAVIM	021(023.1)	1min	R	3600	-445	49 41 06.71N 092 04 19.03E	RNP APCH

M/FT CONVERSION

ELEVATION			
m	ft		
904	2966	1162	3812
927	3041	1305	4281
935	3068	1316	4318
937	3074	1400	4593
961	3153	1484	4869
1005	3297	1565	5134
1052	3451	1588	5210
1072	3517	1700	5577
1079	3540	2000	6562
1093	3586	2300	7546
1100	3609	2600	8530
1101	3612	2843	9327
1109	3638	2900	9514
1110	3642	2906	9534
1134	3720	3221	10567
1153	3783		

ALTITUDE	
m	ft
1100	3610
1150	3780
1210	3970
1300	4270
1310	4300
1350	4430
1430	4700
1550	5090
2100	6890
2300	7550
2800	9190
3600	11820
3900	12800
4200	13780
4500	14770

LEVEL	
m	ft
4500	14800