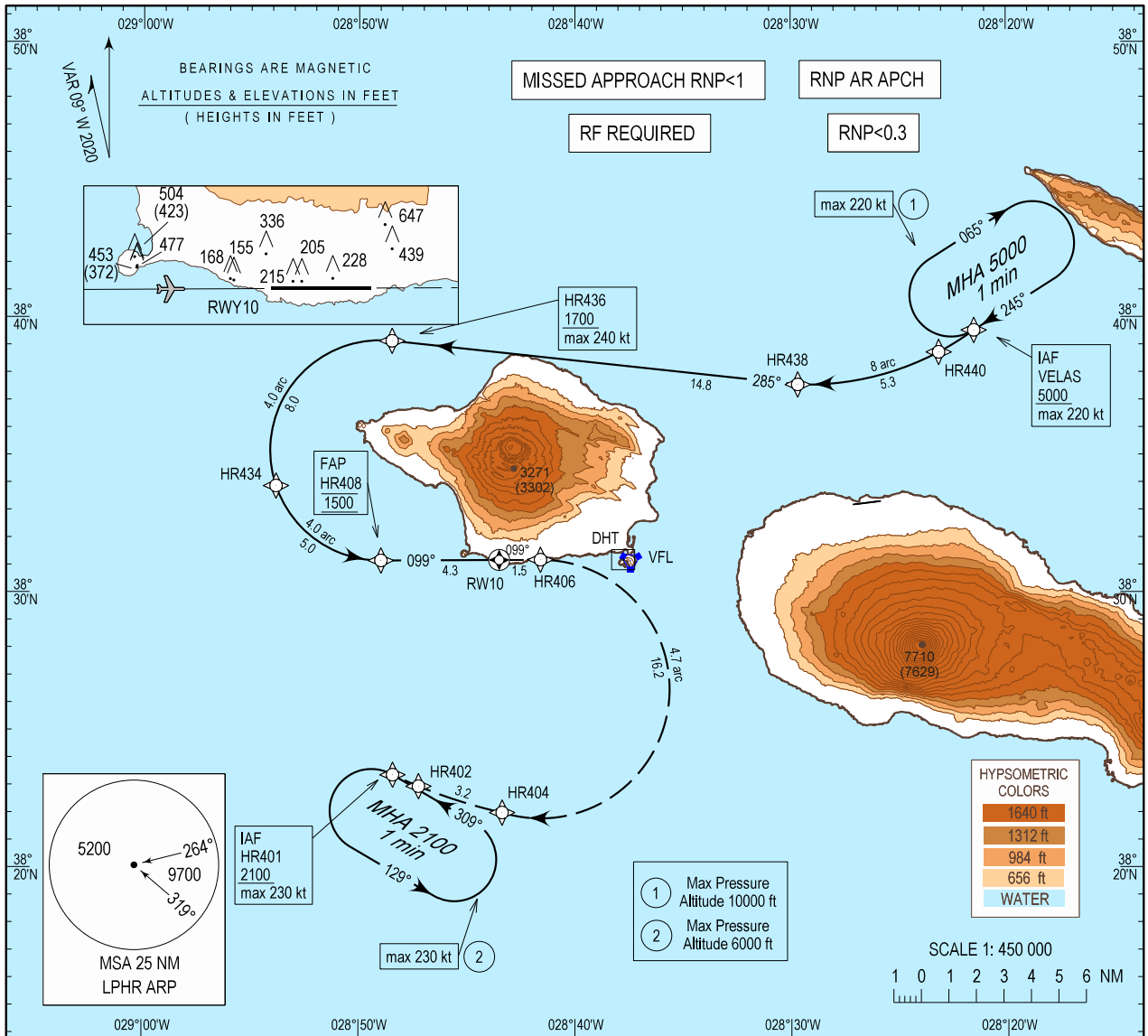


INSTRUMENT APPROACH CHART - ICAO
AD ELEV 117 ft
HEIGHTS RELATED THR RWY 10 - ELEV 81 ft

SANTA MARIA RADAR 132.150
HORTA APPROACH 120.600
HORTA TOWER 118.000

HORTA (LPHR)
RNP Y RWY10 (AR)



MISSED APPROACH
Climb to 2100 ft via RNP AR missed approach track HR406-HR404-HR402 to HR401.
At HR401, hold or start a new approach via HR401 or follow ATC instructions.
Note: RNP 0.3 required from HR406 until HR401

RCF: Squawk 7600.
Proceed as above.
On HR401 make one complete holding pattern at 2100 ft and then proceed to perform RNP X RWY10 approach procedure.

BARO-VNAV MINIMUM TEMPERATURE: +5.0°C

TA: 5000

HR434 1500

FAP HR408 1500

700 (619)

3.0° - 5.2%

099° (089.7°T)

099°

RDH: 50

	CAT A		CAT B		CAT C	
	DA(H)	OCH	DA(H)	OCH	DA(H)	OCH
③ RNP 0.3	640(559)	553	650(569)	565	660(579)	573
④ RNP 0.2	640(559)	553	650(569)	565	660(579)	573
⑤ RNP 0.1	590(509)	502	600(519)	514	610(529)	522

③ RNP 0.3 is required until HR406
④ RNP 0.2 is required until HR406
⑤ RNP 0.1 is required until HR406

MAGVAR updated. AD ELEV and THR ELEV updated.

Instrument Approach Procedure Coding Table										
Horta RNP Y RWY 10 (AR)										
Path Terminator	Waypoint				Course/Track MAG (True)	Dist NM	Turn Direction	ARC Centre Waypoint		ARC Radius NM
	Identifier	Type	Flyover	Coordinates				Identifier	Coordinates	
IF	VELAS	IAF	-	383931.89N 0282130.62W	-	-	-	-	-	-
TF	HR440	-	-	383844.25N 0282308.42W	247 (238.0)	1.5	-	-	-	-
RF	HR438	-	-	383733.90N 0282940.54W	-	5.3	R	HRC01	384531.51N 0282833.76W	8.000
TF	HR436	-	-	383909.20N 0284828.29W	285 (276.2)	14.8	-	-	-	-
RF	HR434	IF	-	383353.05N 0285350.35W	-	8.0	L	HRC02	383510.30N 0284900.56W	4.000
RF	HR408	FAP	-	383110.06N 0284858.69W	-	5.0	L	HRC02	383510.30N 0284900.56W	4.000
TF	RW10	MAPT	Y	383111.51N 0284330.27W	099 (089.7)	4.3	-	-	-	-
TF	HR406	-	-	383111.96N 0284135.61W	099 (089.7)	1.5	-	-	-	-
RF	HR404	-	-	382200.43N 0284321.71W	-	16.2	R	HRC06	382629.67N 0284133.89W	4.7
TF	HR402	-	-	382257.85N 0284713.60W	297 (287.5)	3.2	-	-	-	-
RF	HR401	-	-	382322.72N 0284825.50W	-	1.0	R	HRC17	382727.15N 0284526.00W	4.7
HM	HR401	-	-	382322.72N 0284825.50W	-	-	L	-	-	-

Waypoint Identifier	Altitude	Speed	RNP Value NM	Navigation Specification	Remarks
VELAS	+5000	220 KT	0.3	RNP AR APCH	-
HR440	+1700	-	0.3	RNP AR APCH	-
HR438	+1700	-	0.3	RNP AR APCH	-
HR436	+1700	240 KT	0.3	RNP AR APCH	-
HR434	+1500	-	0.3	RNP AR APCH	-
HR408	@1500	-	0.3/0.2/0.1	RNP AR APCH	-
RW10	-	-	0.3/0.2/0.1	RNP AR APCH	-
HR406	-	-	0.3/0.2/0.1	RNP AR APCH	-
HR404	-	-	0.3	RNP AR APCH	-
HR402	-	-	0.3	RNP AR APCH	-
HR401	+2100	230 KT	0.3	RNP AR APCH	-
HR401	+2100	230 KT	0.3	RNP AR APCH	-

Horta RNAV Holdings							
HLDG ID	INBD TRACK		Turn direction	max IAS (KT)	MNM HLDG ALT FL/ FT (MSL)	TIME (MIN) or DIST OUBD	Controlling Unit
	MAG	(TRUE)					
HR401	309	(300.0)	L	230	2100 ft	1 min	Horta TWR
VELAS	245	(236.1)	R	220	5000 ft	1 min	Horta TWR