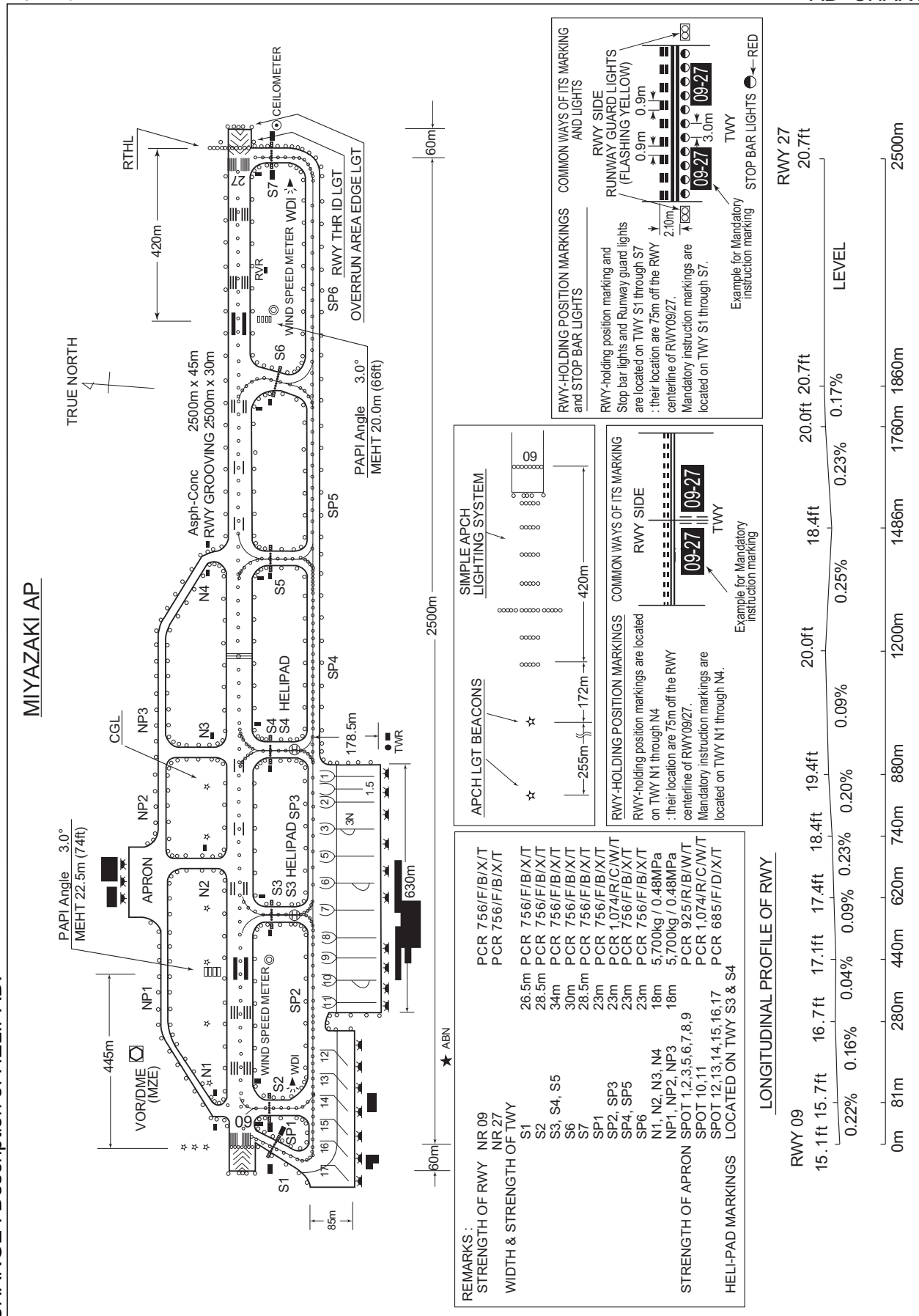


AD CHART



INTENTIONALLY LEFT BLANK

STANDARD DEPARTURE CHART - INSTRUMENT

RJFM / MIYAZAKI

SID

SIIBA ONE DEPARTURE

RWY27 : Climb via MZE R275 to 6.0DME, turn right HDG060° to intercept and proceed via MZE R015 to SIIBA.

Cross MZE R345 at or above 6000FT.

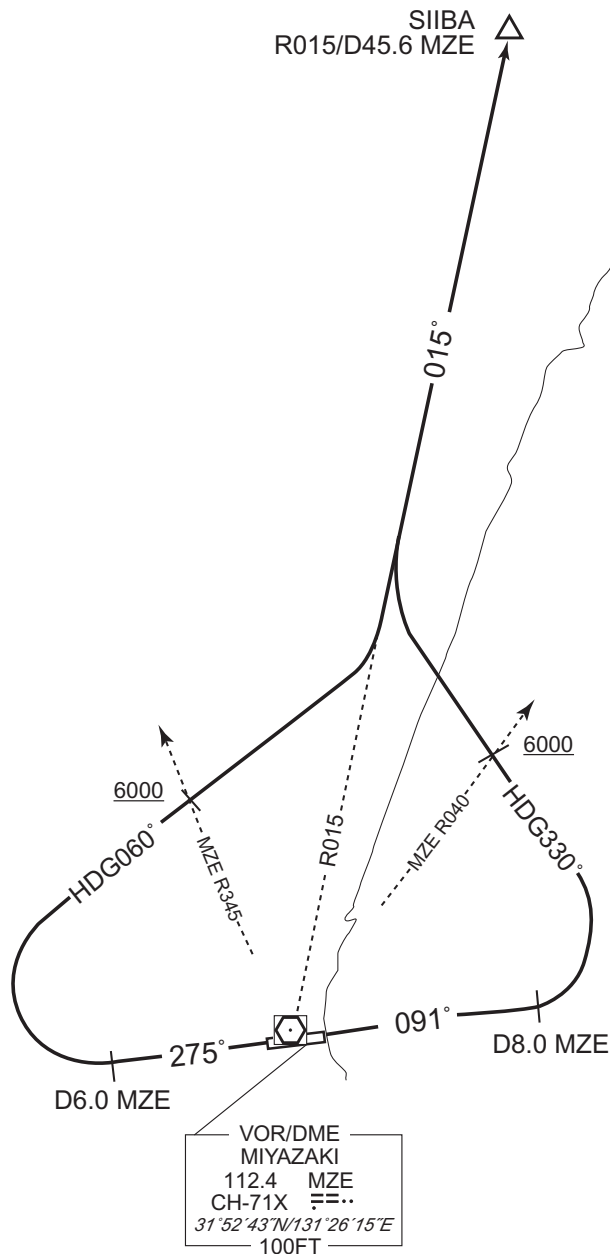
RWY09 : Climb via MZE R091 to 8.0DME, turn left HDG330° to intercept and proceed via MZE R015 to SIIBA.

Cross MZE R040 at or above 6000FT.

Note RWY27 : 5.0% climb gradient required up to 5000FT.

OBST ALT 1637FT located at 8.3NM 285° FM end of RWY27.

CHANGE : Description of PROC name.



STANDARD DEPARTURE CHART - INSTRUMENT

RJFM / MIYAZAKI

SID

LALAG ONE DEPARTURE

RWY27 : Climb via MZE R275 to 10.0DME, turn right HDG350°...

RWY09 : Climb RWY HDG to 1000FT, turn left HDG275°...

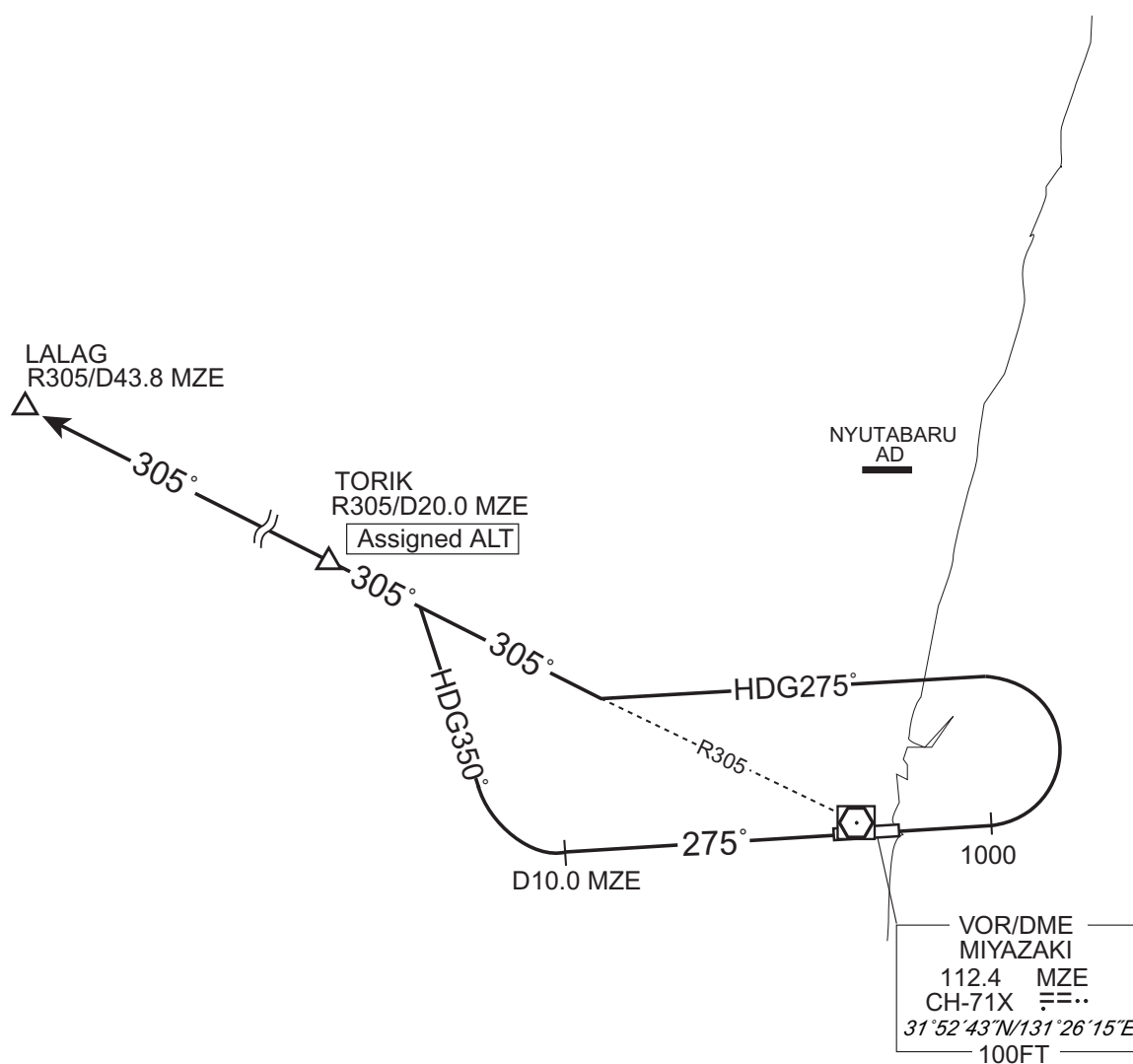
...to intercept and proceed via MZE R305 to LALAG via TORIK.

Cross TORIK at assigned altitude.

Note RWY27 : 5.0% climb gradient required up to 5000FT.

OBST ALT 152FT located at 0.7NM 276° FM end of RWY27.

RWY09 : 5.0% climb gradient required up to 1000FT.



CHANGE : New PROC.

STANDARD DEPARTURE CHART - INSTRUMENT

RJFM / MIYAZAKI

SID

MIYAZAKI REVERSAL ONE DEPARTURE

RWY 27 : Climb via MZE R275 to 10.0DME, turn right,...

RWY 09 : Turn right, climb via MZE R138 to 12.0DME, turn left,...
...direct to MZE VOR/DME.

Note RWY27 : 5.0% climb gradient required up to 5000FT.

OBST ALT 152FT located at 0.7NM 276° FM end of RWY27.

JACKY ONE DEPARTURE

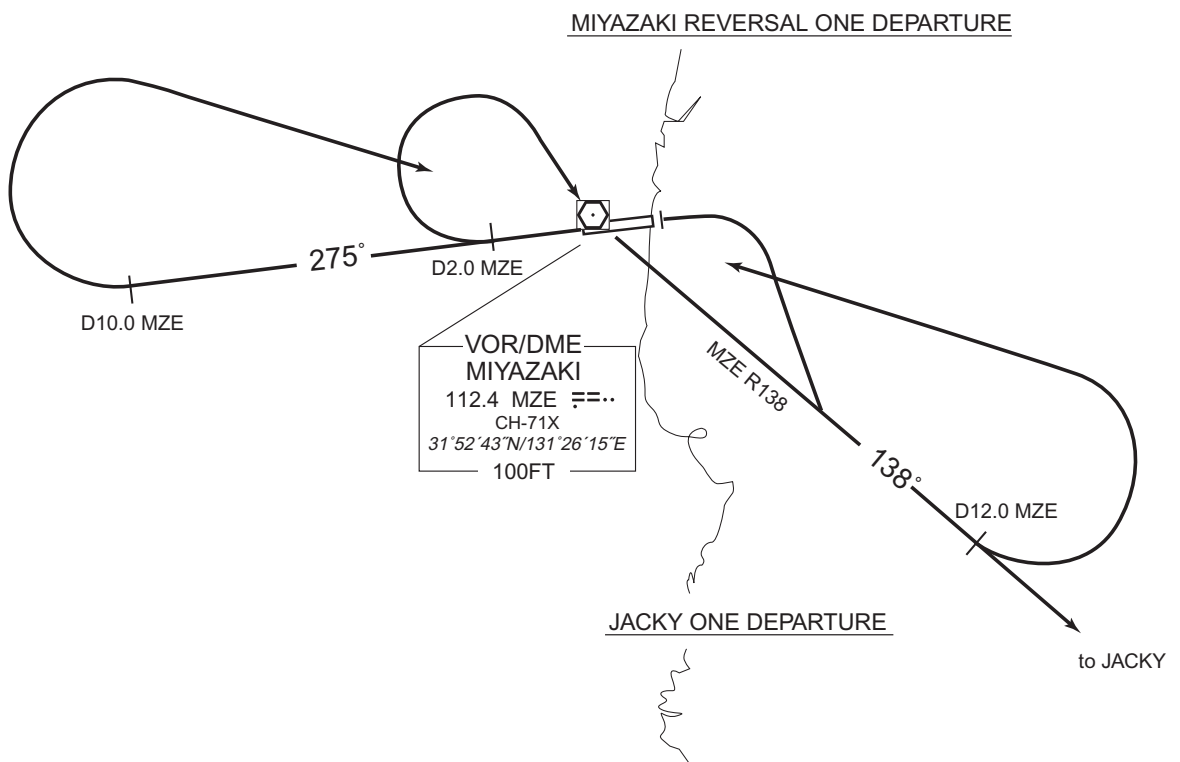
RWY 27 : Climb RWY HDG to MZE 2.0DME, turn right, direct to MZE VOR/DME,...

RWY 09 : Turn right, climb...
...via MZE R138 to JACKY.

Note RWY27 : 5.0% climb gradient required up to 500FT.

OBST ALT 395FT located at 3.1NM 281° FM end of RWY27.

CHANGE : OBST(MIYAZAKI REVERSAL ONE DEPARTURE).



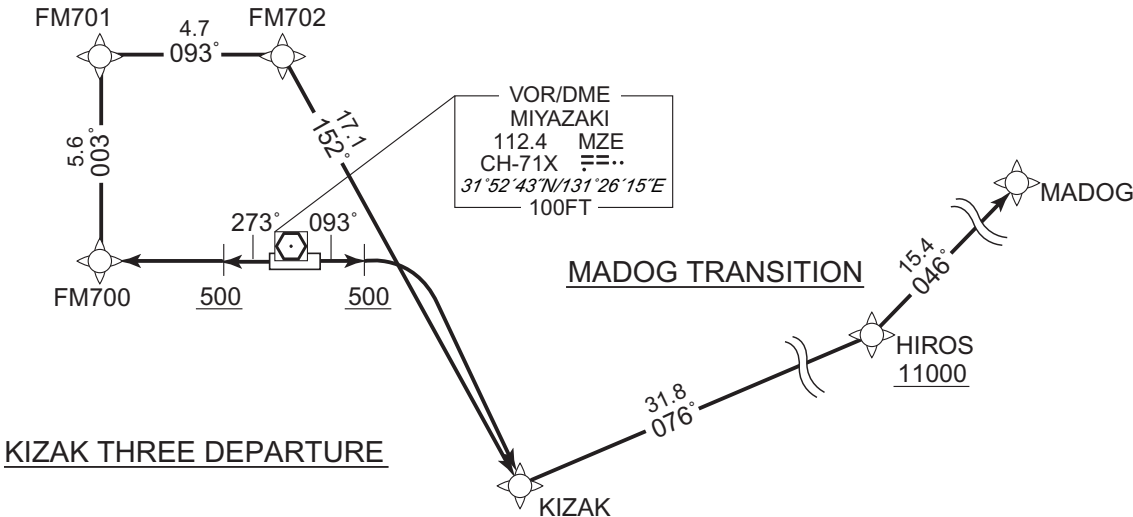
STANDARD DEPARTURE CHART - INSTRUMENT

RJFM / MIYAZAKI

RNAV SID and TRANSITION

KIZAK THREE DEPARTURE MADOG TRANSITION		RNAV1
Note 1) DME/DME/IRU or GNSS required. ※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll. 2) RADAR service required.	Critical DME	RWY27 TGE : 4.0NM to KIZAK - KIZAK
	DME GAP	RWY09 : DER - 4.0NM to KIZAK RWY27 : DER - 4.0NM to KIZAK
	Inappropriate Nav aids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 8° W



KIZAK THREE DEPARTURE

RWY09 : Climb on HDG093° at or above 500FT, direct to KIZAK.
RWY27 : Climb on HDG273° at or above 500FT, direct to FM700, to FM701, to FM702, to KIZAK.
Note RWY09: 5.0% climb gradient required up to 500FT.
RWY27: 7.0% climb gradient required up to 900FT.

MADOG TRANSITION

From KIZAK, to HIROS at or above 11000FT, to MADOG.

CHANGE : PROC renamed. VAR. PROC course.

STANDARD DEPARTURE CHART - INSTRUMENT

RJFM / MIYAZAKI

RNAV SID and TRANSITION

KIZAK THREE DEPARTURE

RWY09

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	093 (085.2)	-7.5	—	—	+500	—	—	RNAV1
002	DF	KIZAK	—	—	-7.5	—	R	—	—	—	RNAV1

RWY27

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	273 (265.2)	-7.5	—	—	+500	—	—	RNAV1
002	DF	FM700	—	—	-7.5	—	—	—	—	—	RNAV1
003	TF	FM701	—	003 (355.2)	-7.5	5.6	—	—	—	—	RNAV1
004	TF	FM702	—	093 (085.2)	-7.5	4.7	—	—	—	—	RNAV1
005	TF	KIZAK	—	152 (144.5)	-7.5	17.1	—	—	—	—	RNAV1

MADOG TRANSITION

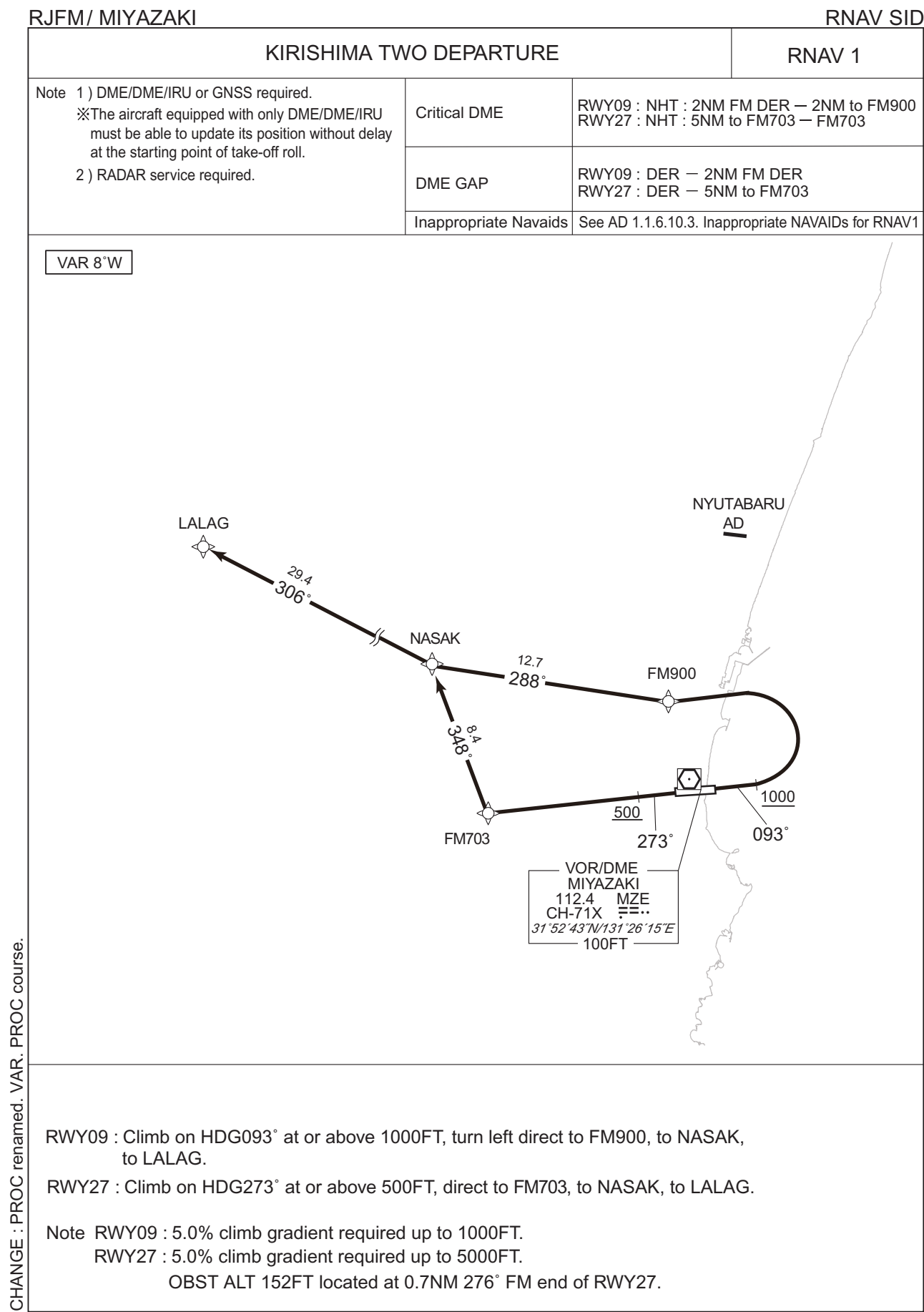
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	KIZAK	—	—	-7.5	—	—	—	—	—	RNAV1
002	TF	HIROS	—	076 (069.0)	-7.5	31.8	—	+11000	—	—	RNAV1
003	TF	MADOG	—	046 (038.4)	-7.5	15.4	—	—	—	—	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates
FM700	315212.0N / 1312058.4E
FM701	315749.2N / 1312024.8E
FM702	315813.1N / 1312556.5E
KIZAK	314410.0N / 1313731.3E
HIROS	315530.2N / 1321230.5E
MADOG	320730.7N / 1322346.5E

CHANGE : PROC renamed. PROC course. VAR. Waypoint Coordinates added.

STANDARD DEPARTURE CHART - INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT

RJFM /MIYAZAKIRNAV SID

KIRISHIMA TWO DEPARTURE

RWY09

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	093 (085.2)	-7.5	—	—	+1000	—	—	RNAV1
002	DF	FM900	—	—	-7.5	—	L	—	—	—	RNAV1
003	TF	NASAK	—	288 (280.1)	-7.5	12.7	—	—	—	—	RNAV1
004	TF	LALAG	—	306 (298.6)	-7.5	29.4	—	—	—	—	RNAV1

RWY27

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	273 (265.2)	-7.5	—	—	+500	—	—	RNAV1
002	DF	FM703	—	—	-7.5	—	—	—	—	—	RNAV1
003	TF	NASAK	—	348 (340.6)	-7.5	8.4	—	—	—	—	RNAV1
004	TF	LALAG	—	306 (298.6)	-7.5	29.4	—	—	—	—	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates
FM900	315726.5N / 1312601.1E
FM703	315144.1N / 1311433.9E
NASAK	315939.9N / 1311116.4E
LALAG	321338.3N / 1304049.6E

CHANGE : PROC renamed. PROC course. VAR. Waypoint Coordinates added.

STANDARD ARRIVAL CHART - INSTRUMENT

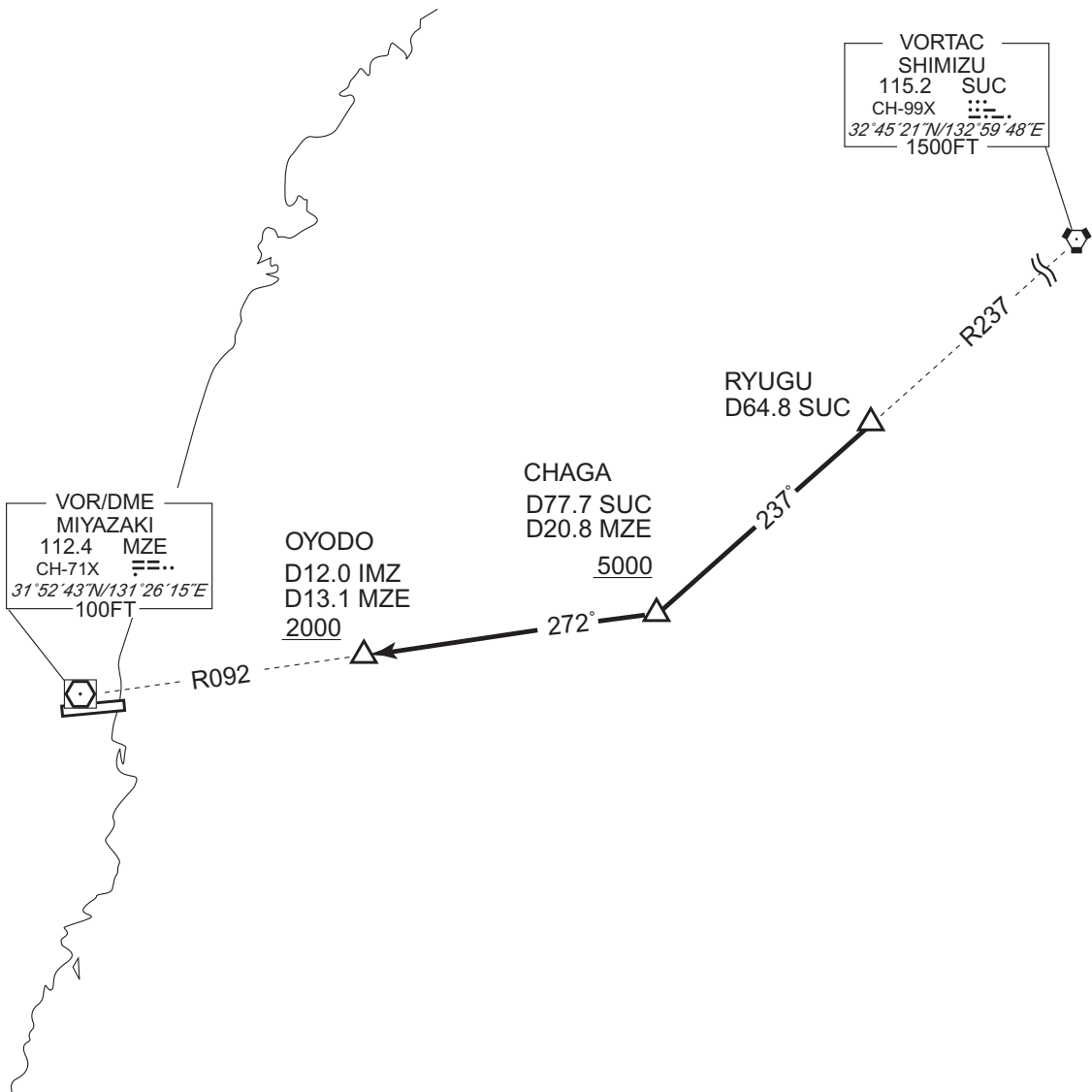
RJFM / MIYAZAKI

STAR

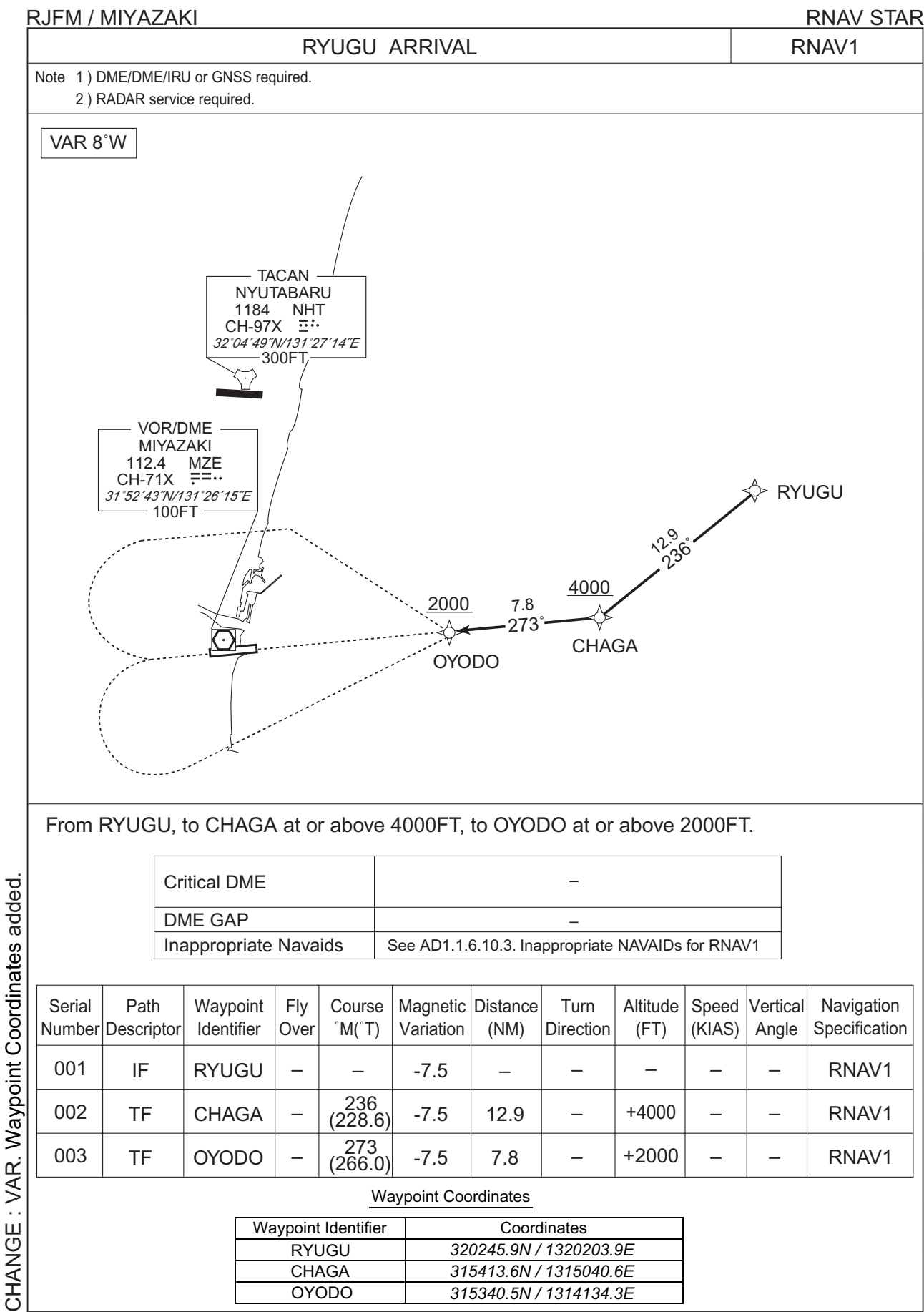
OTOHIME ARRIVAL

From over RYUGU, via SUC R237 to CHAGA, via MZE R092 to OYODO.
Cross CHAGA at or above 5000FT, cross OYODO at or above 2000FT.

CHANGE : Description of PROC name.



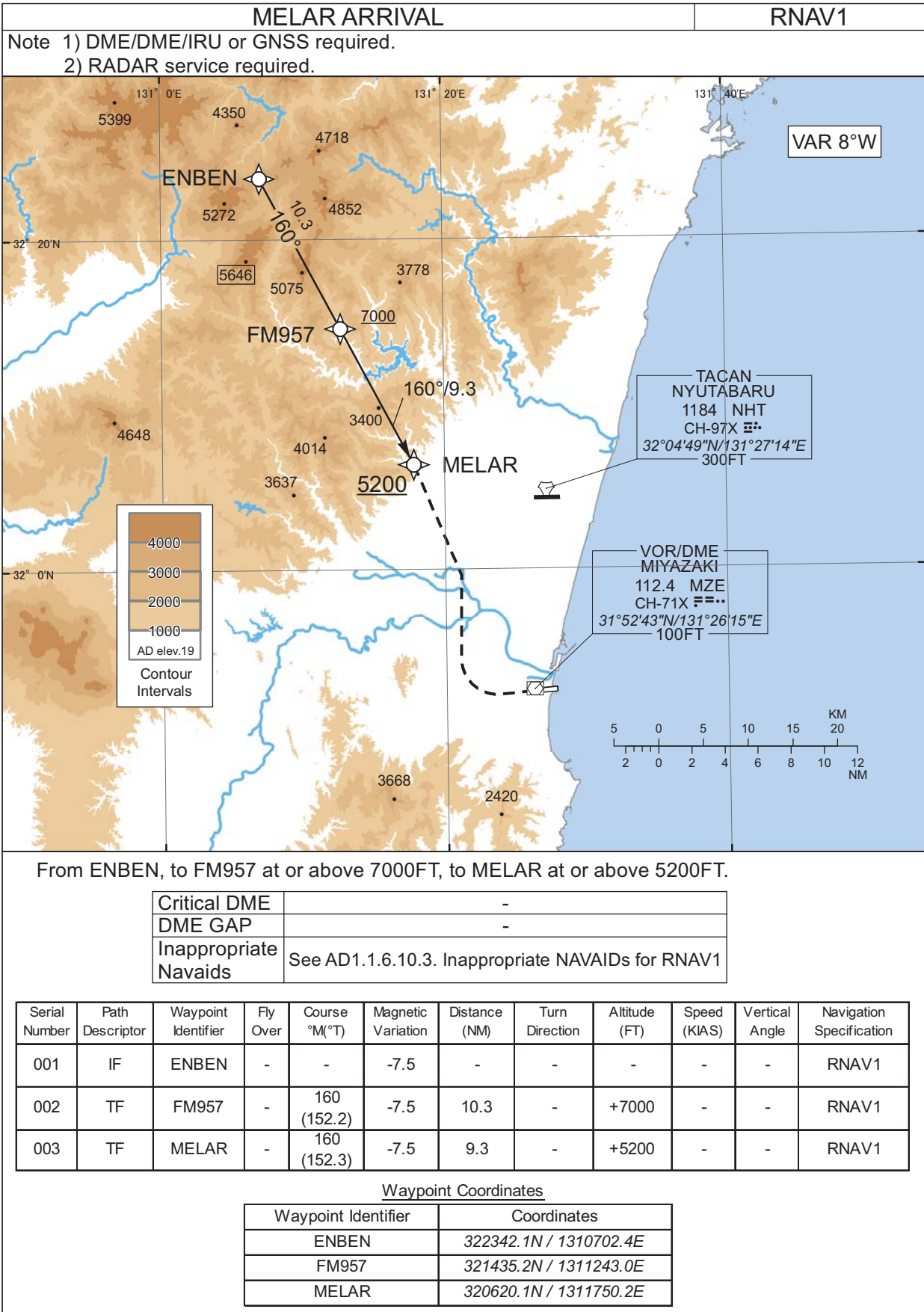
STANDARD ARRIVAL CHART - INSTRUMENT



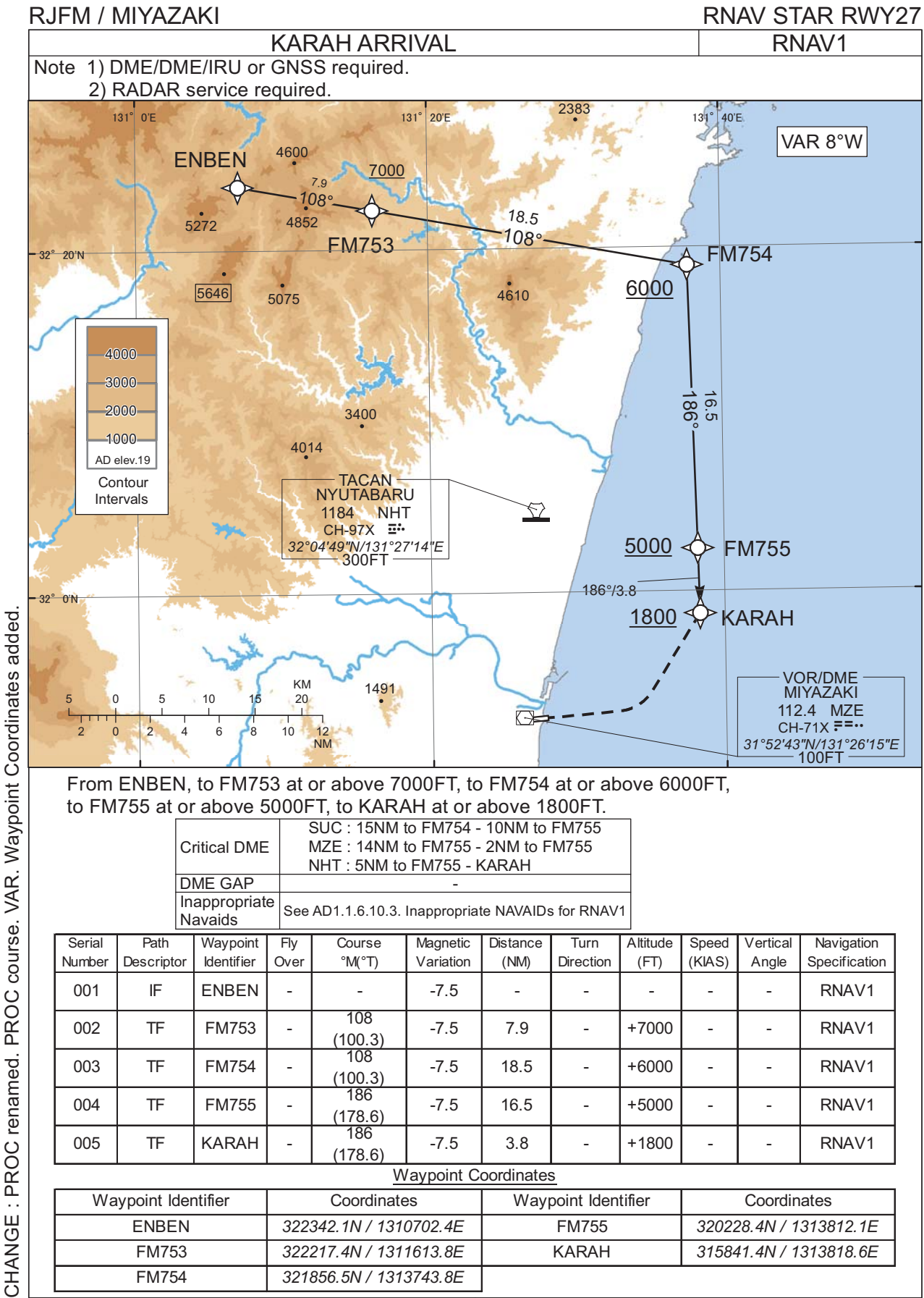
STANDARD ARRIVAL CHART - INSTRUMENT

RJFM / MIYAZAKI

RNAV STAR RWY09

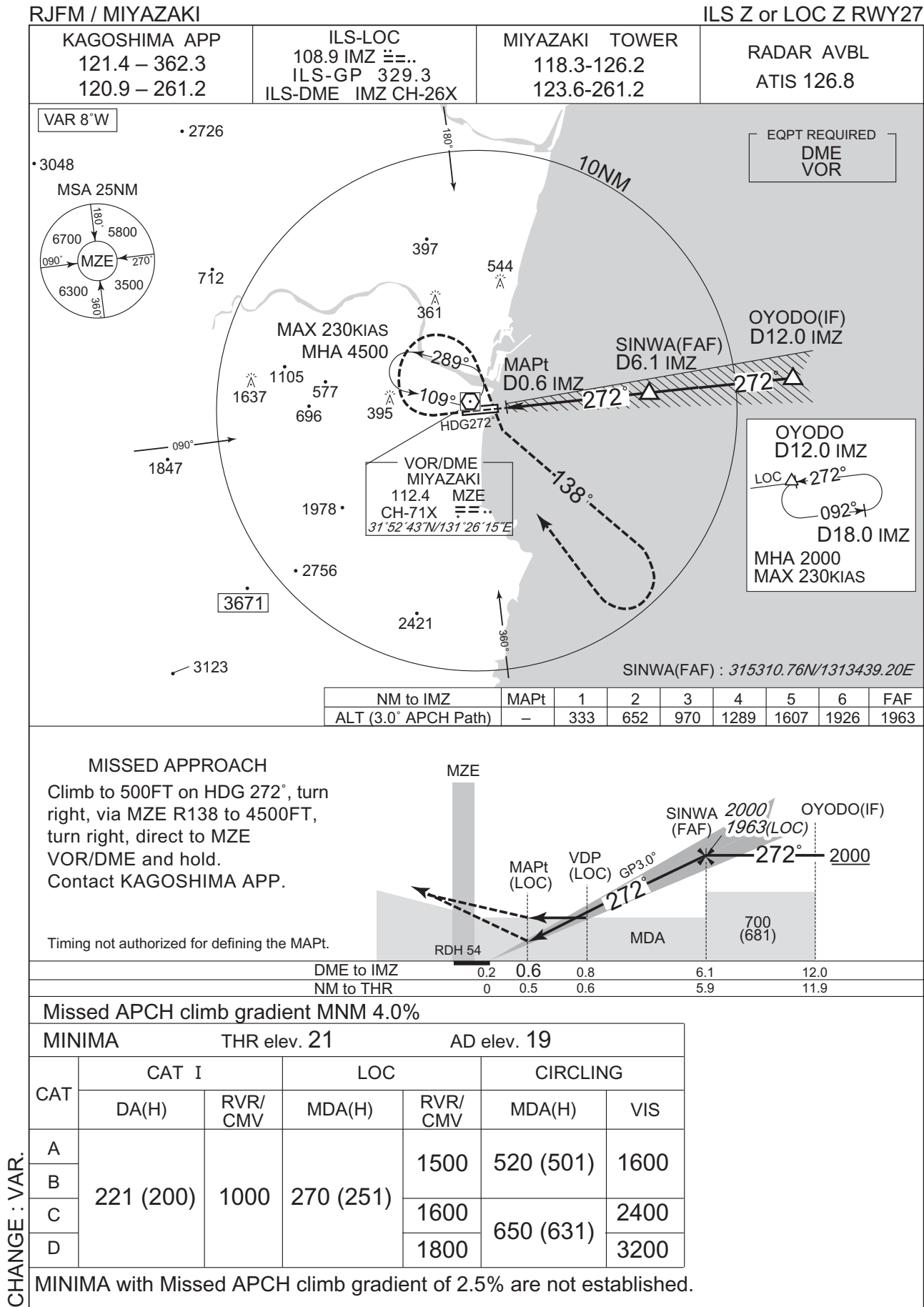


STANDARD ARRIVAL CHART - INSTRUMENT

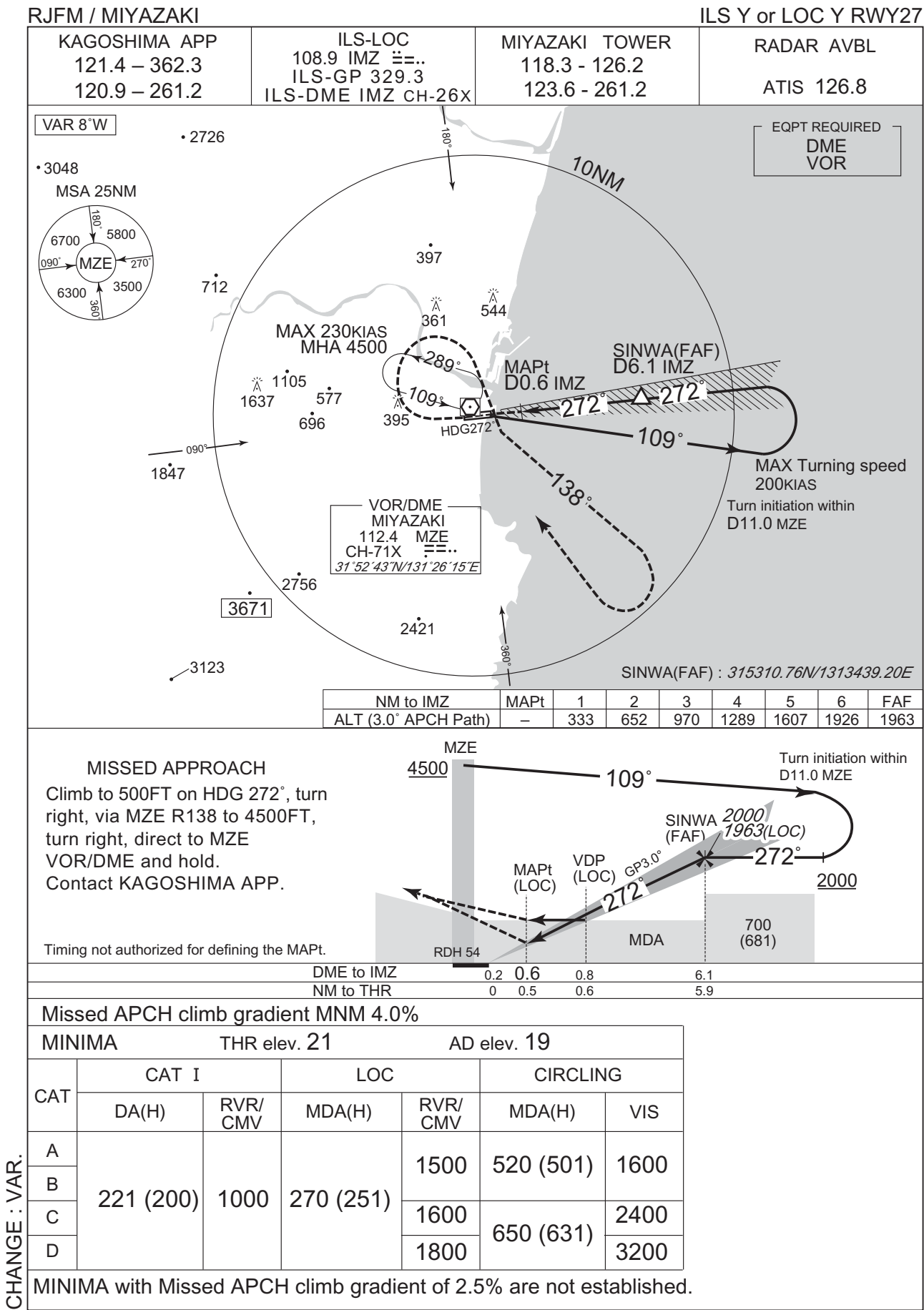


CHANGE : PROC renamed. PROC course. VAR. Waypoint Coordinates added.

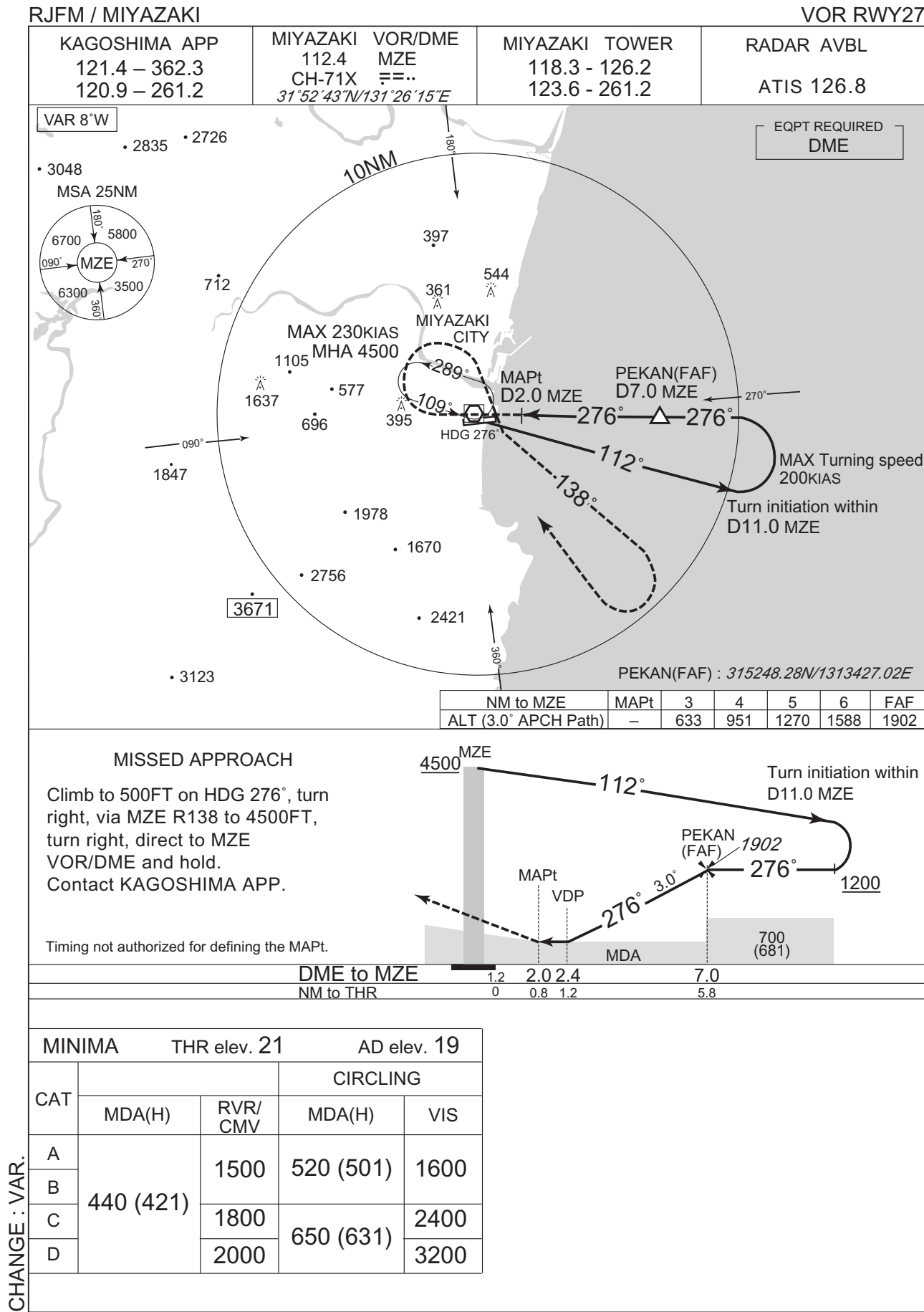
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



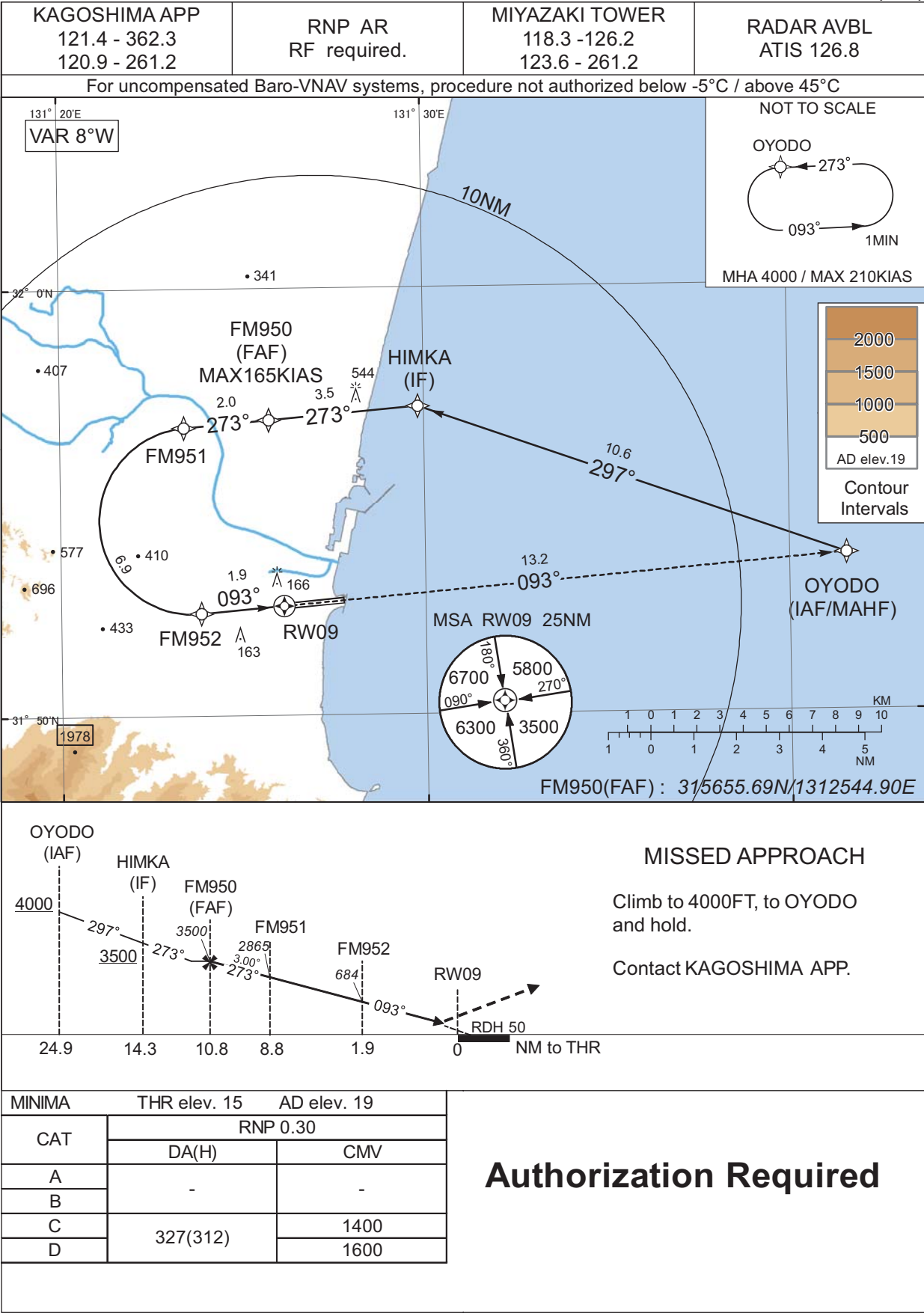
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJFM / MIYAZAKI

RNP Z RWY09(AR)



INSTRUMENT APPROACH CHART

RJFM / MIYAZAKI

RNP Z RWY09(AR)

Coding Table											
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	OYODO	-	-	-7.5	-	-	+4000	-	-	-
002	TF	HIMKA	-	297 (289.7)	-7.5	10.6	-	+3500	-	-	1.0
003	TF	FM950	-	273 (265.2)	-7.5	3.5	-	3500	-165	-	1.0
004	TF	FM951	-	273 (265.2)	-7.5	2.0	-	2865	-	-3.00	0.3
005	RF Center: FMRF1 r=2.18NM	FM952	-	-	-7.5	6.9	L	684	-	-3.00	0.3
006	TF	RW09	Y	093 (085.1)	-7.5	1.9	-	65	-	-3.00/50	0.3
007	TF	OYODO	-	093 (085.1)	-7.5	13.2	-	4000	-	-	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	OYODO	273 (265.9)	-7.5	1.0 (-14000)	L	4000	FL140	-210(-14000)	1.0

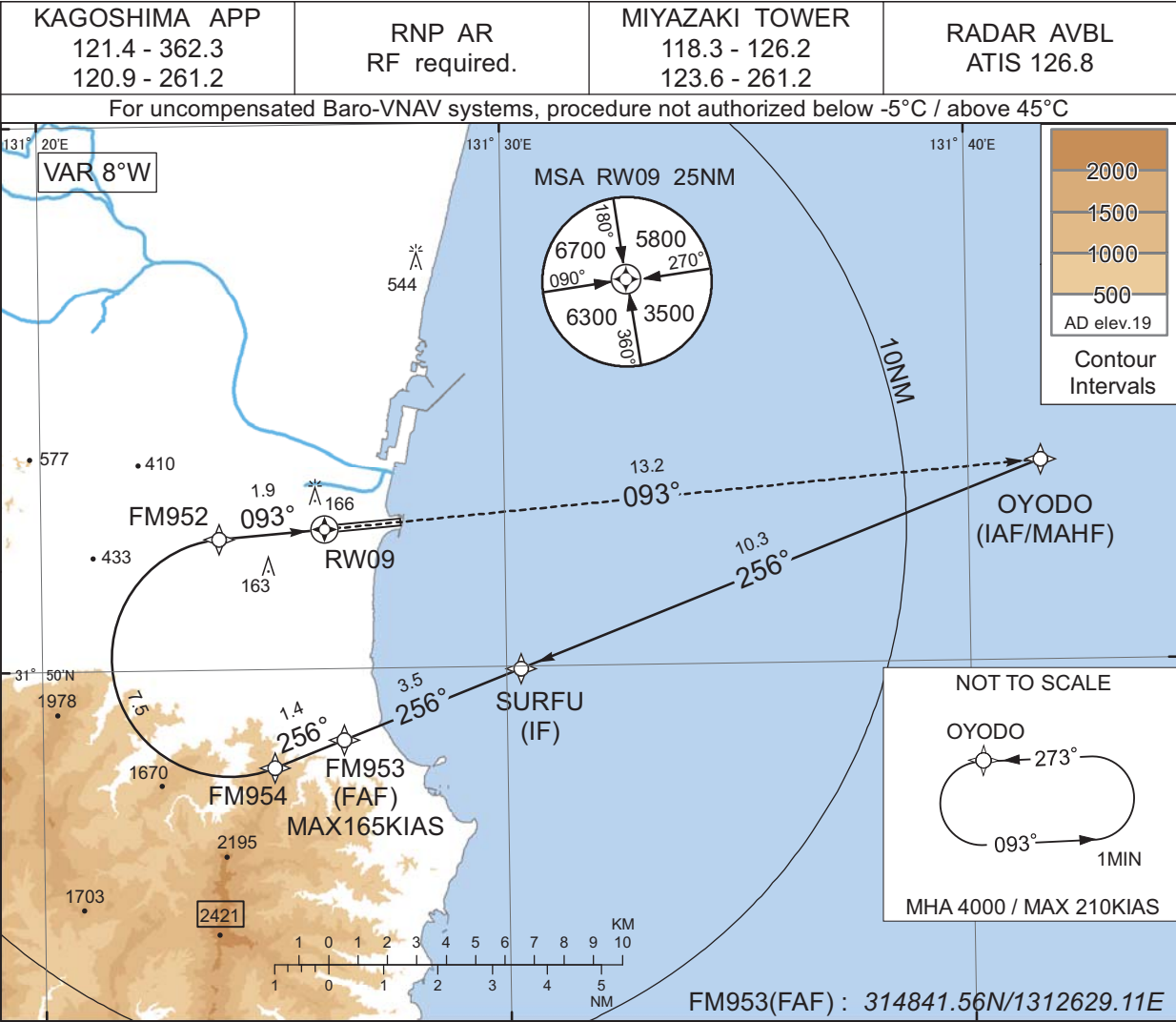
Waypoint Coordinates			
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
HIMKA	315713.28N / 1312950.79E	FMRF1	315435.02N / 1312337.63E
FM950	315655.69N / 1312544.90E		
FM951	315645.60N / 1312324.68E		
FM952	315224.44N / 1312350.57E		
RW09	315234.26N / 1312607.02E		
OYODO	315340.52N / 1314134.32E		

CHANGE : PROC course. VAR. HLDG pattern at OYODO added.

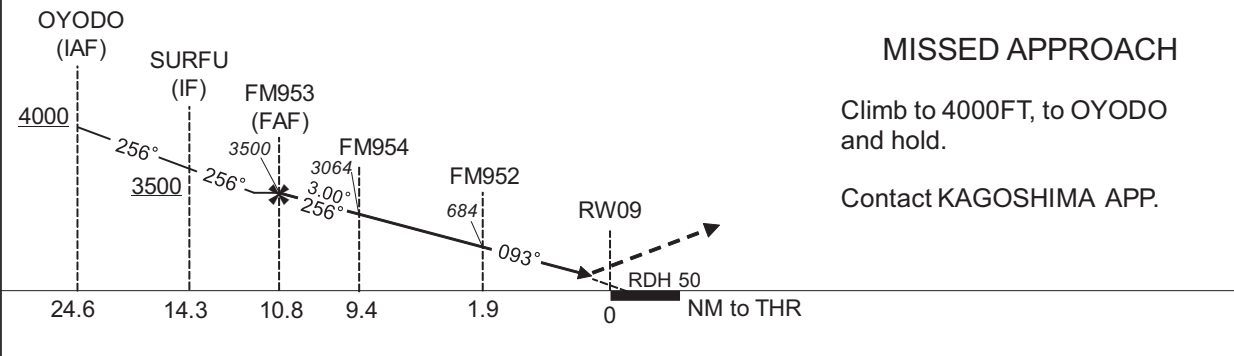
INSTRUMENT APPROACH CHART

RJFM / MIYAZAKI

RNP Y RWY09(AR)



CHANGE : VAR. PROC course. HLDG pattern at OYODO.



MINIMA		THR elev. 15	AD elev. 19
CAT	RNP 0.30		
	DA(H)	CMV	
A			
B	-		
C	327(312)	1400	
D		1600	

Authorization Required

INSTRUMENT APPROACH CHART

RJFM / MIYAZAKI

RNP Y RWY09(AR)

Coding Table

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	OYODO	-	-	-7.5	-	-	+4000	-	-	-
002	TF	SURFU	-	256 (248.8)	-7.5	10.3	-	+3500	-	-	1.0
003	TF	FM953	-	256 (248.7)	-7.5	3.5	-	3500	-165	-	1.0
004	TF	FM954	-	256 (248.7)	-7.5	1.4	-	3064	-	-3.00	0.3
005	RF Center: FMRF2 r=2.18NM	FM952	-	-	-7.5	7.5	R	684	-	-3.00	0.3
006	TF	RW09	Y	093 (085.1)	-7.5	1.9	-	65	-	-3.00/50	0.3
007	TF	OYODO	-	093 (085.1)	-7.5	13.2	-	4000	-	-	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	OYODO	273 (265.9)	-7.5	1.0 (-14000)	L	4000	FL140	-210(-14000)	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
SURFU	314957.66N / 1313018.83E	FMRF2	315013.85N / 1312403.51E
FM953	314841.56N / 1312629.11E		
FM954	314811.70N / 1312459.11E		
FM952	315224.44N / 1312350.57E		
RW09	315234.26N / 1312607.02E		
OYODO	315340.52N / 1314134.32E		

CHANGE : PROC course. VAR. HLDG pattern at OYODO added.

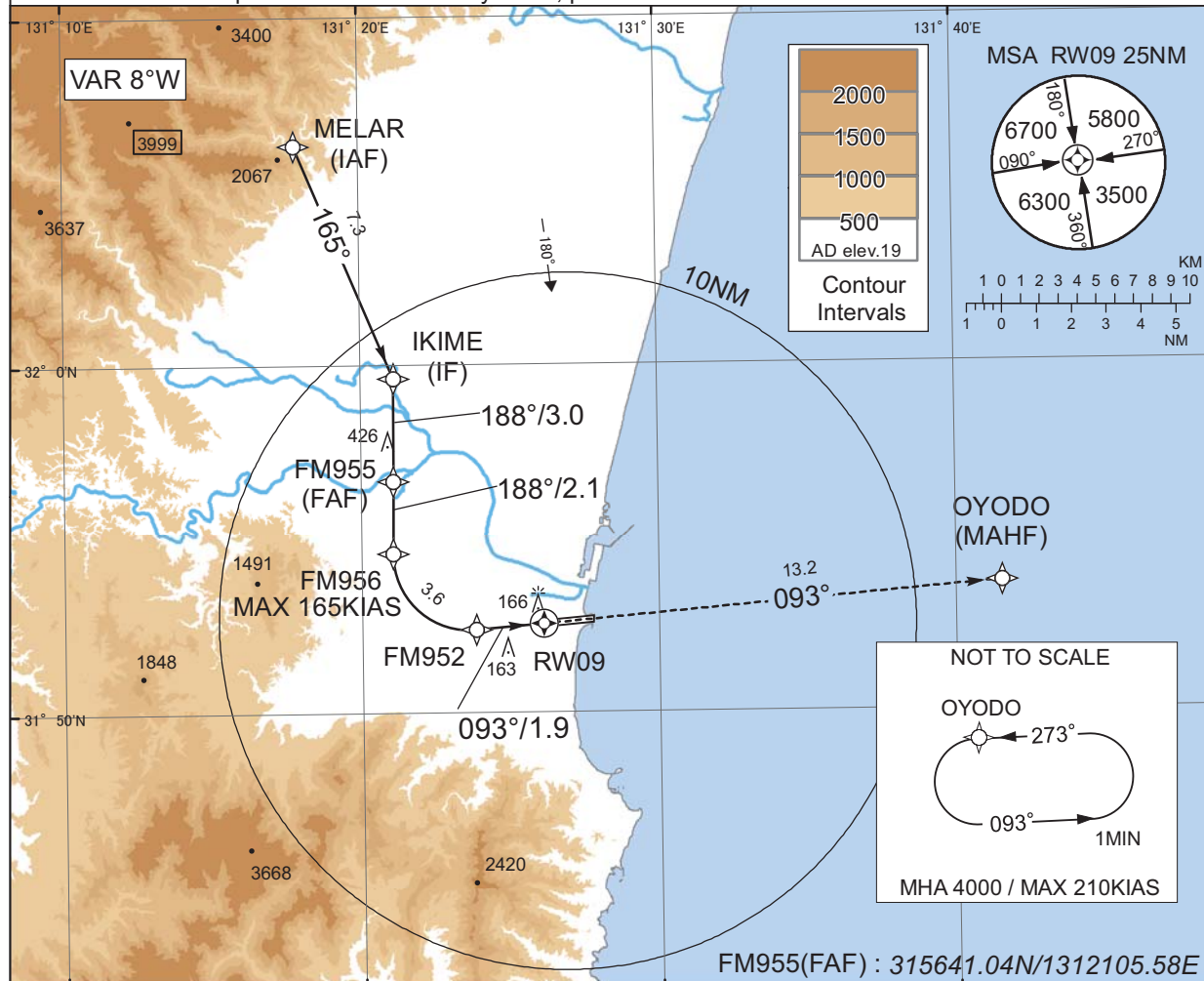
INSTRUMENT APPROACH CHART

RJFM / MIYAZAKI

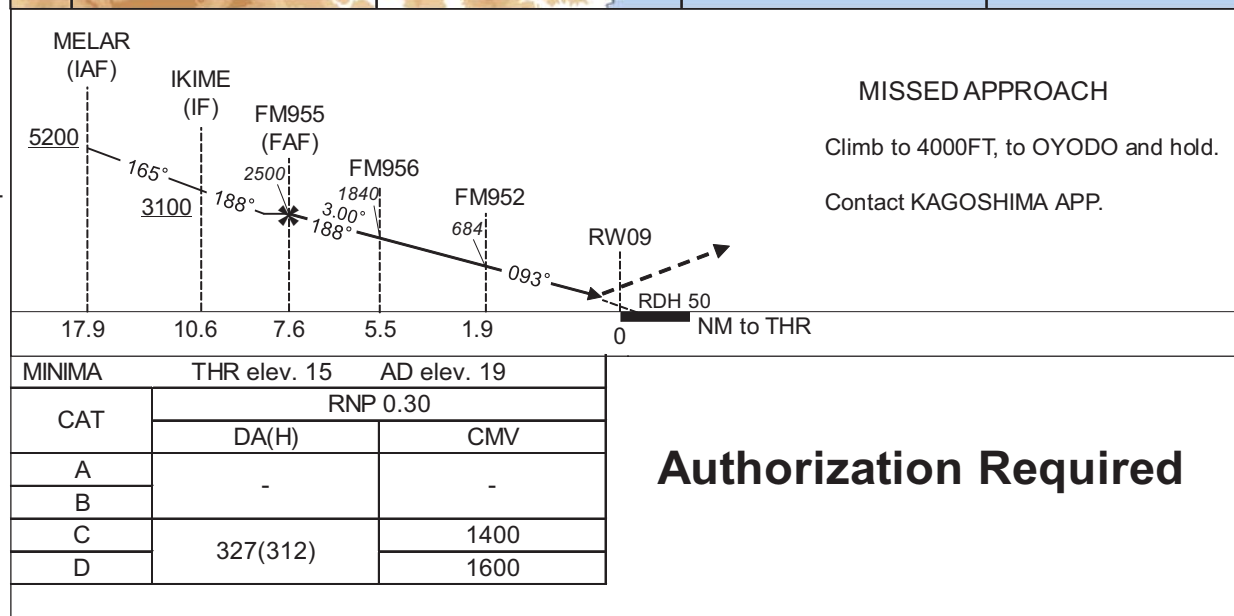
RNP X RWY09(AR)

KAGOSHIMA APP
121.4 - 362.3
120.9 - 261.2RNP AR
RF required.MIYAZAKI TOWER
118.3 - 126.2
123.6 - 261.2RADAR AVBL
ATIS 126.8

For uncompensated Baro-VNAV systems, procedure not authorized below -5°C / above 45°C



CHANGE : VAR. PROC course. HLDG pattern at OYODO.



INSTRUMENT APPROACH CHART

RJFM / MIYAZAKI

RNP X RWY09(AR)

Coding Table											
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	MELAR	-	-	-7.5	-	-	+5200	-	-	-
002	TF	IKIME	-	165 (157.4)	-7.5	7.3	-	+3100	-	-	0.3
003	TF	FM955	-	188 (180.6)	-7.5	3.0	-	2500	-	-	0.3
004	TF	FM956	-	188 (180.6)	-7.5	2.1	-	1840	-165	-3.00	0.3
005	RF Center: FMRF1 r=2.18NM	FM952	-	-	-7.5	3.6	L	684	-	-3.00	0.3
006	TF	RW09	Y	093 (085.1)	-7.5	1.9	-	65	-	-3.00/50	0.3
007	TF	OYODO	-	093 (085.1)	-7.5	13.2	-	4000	-	-	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	OYODO	273 (265.9)	-7.5	1.0 (-14000)	L	4000	FL140	-210(-14000)	1.0

Waypoint Coordinates			
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
MELAR	320620.09N / 1311750.24E	FMRF1	315435.02N / 1312337.63E
IKIME	315938.25N / 1312107.83E		
FM955	315641.04N / 1312105.58E		
FM956	315436.46N / 1312104.01E		
FM952	315224.44N / 1312350.57E		
RW09	315234.26N / 1312607.02E		
OYODO	315340.52N / 1314134.32E		

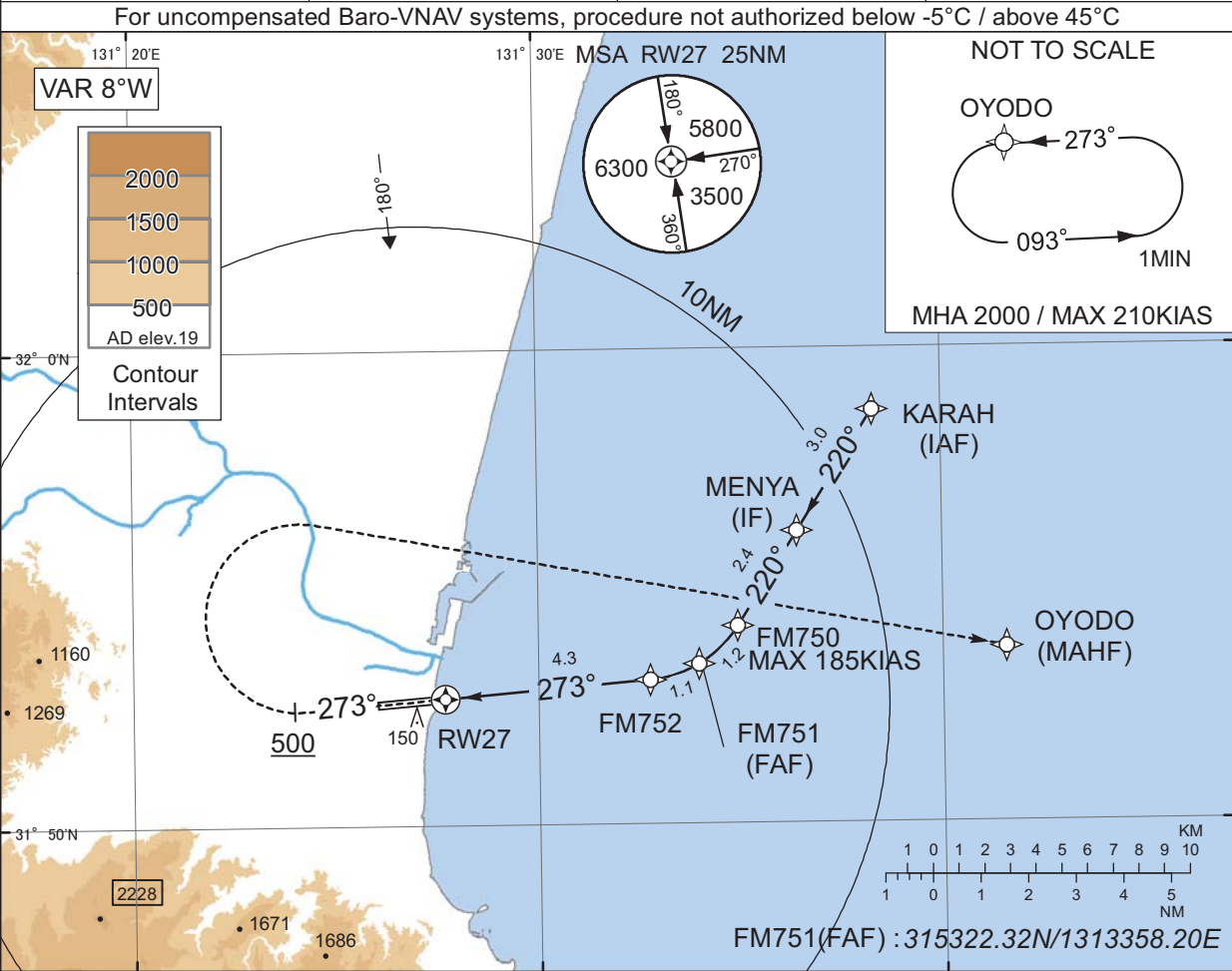
CHANGE : PROC course. VAR. HLDG pattern at OYODO added.

INSTRUMENT APPROACH CHART

RJFM / MIYAZAKI

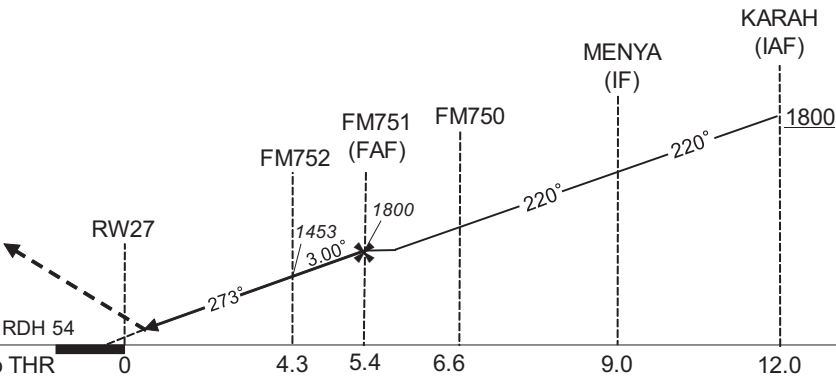
RNP RWY27(AR)

KAGOSHIMA APP 121.4 - 362.3 120.9 - 261.2	RNP AR RF required.	MIYAZAKI TOWER 118.3 - 126.2 123.6 - 261.2	RADAR AVBL ATIS 126.8
---	------------------------	--	--------------------------



MISSED APPROACH

From RW27 on track 273°, at or above 500FT turn right, direct to OYODO and hold at 2000FT. Contact KAGOSHIMA APP.



MINIMA	THR elev. 21	AD elev. 19
CAT	RNP 0.30	
	DA(H)	RVR/CMV
A	-	-
B	-	-
C	321(300)	1800
D		2000

Authorization Required

INSTRUMENT APPROACH CHART

RJFM / MIYAZAKI

RNP RWY27(AR)

Coding Table											
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	KARAH	-	-	-7.5	-	-	+1800	-	-	-
002	TF	MENYA	-	220 (212.3)	-7.5	3.0	-	-	-	-	0.3
003	TF	FM750	-	220 (212.3)	-7.5	2.4	-	-	-185	-	0.3
004	RF Center: FMRF3 r=2.43NM	FM751	-	-	-7.5	1.2	R	1800	-	-	0.3
005	RF Center: FMRF3 r=2.43NM	FM752	-	-	-7.5	1.1	R	1453	-	-3.00	0.3
006	TF	RW27	Y	273 (265.2)	-7.5	4.3	-	75	-	-3.00/54	0.3
007	FA	-	-	273 (265.2)	-7.5	-	-	+500	-	-	1.0
008	DF	OYODO	-	-	-7.5	-	R	2000	-	-	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	OYODO	273 (265.9)	-7.5	1.0 (-14000)	L	2000	FL140	-210(-14000)	1.0

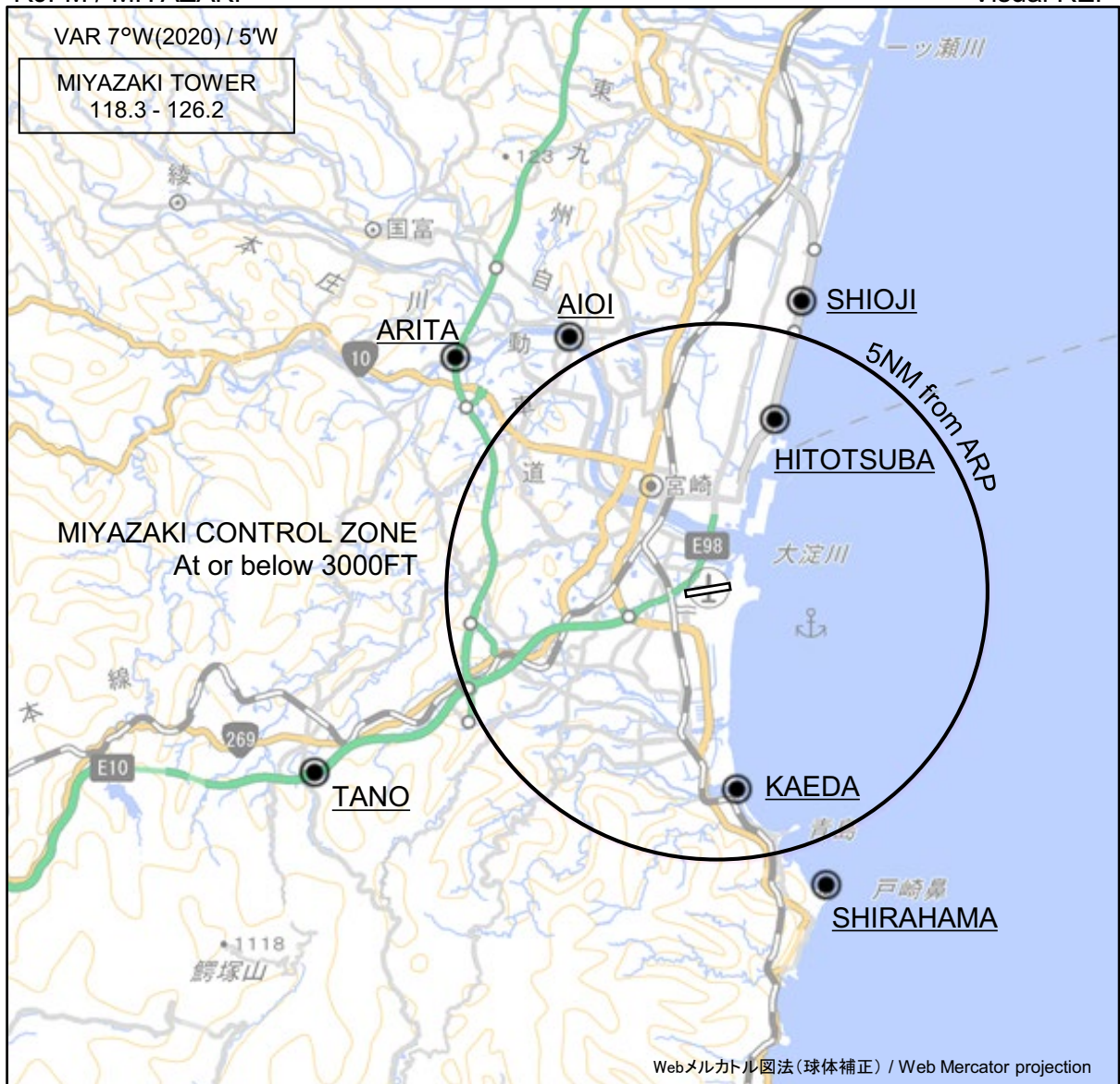
Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
KARAH	315841.41N / 1313818.57E	FMRF3	315528.33N / 1313231.52E
MENYA	315609.28N / 1313625.03E		
FM750	315409.97N / 1313456.09E		
FM751	315322.32N / 1313358.20E		
FM752	315302.73N / 1313245.72E		
RW27	315241.06N / 1312741.80E		
OYODO	315340.52N / 1314134.32E		

CHANGE : PROC course. VAR. HLDG pattern at OYODO added.

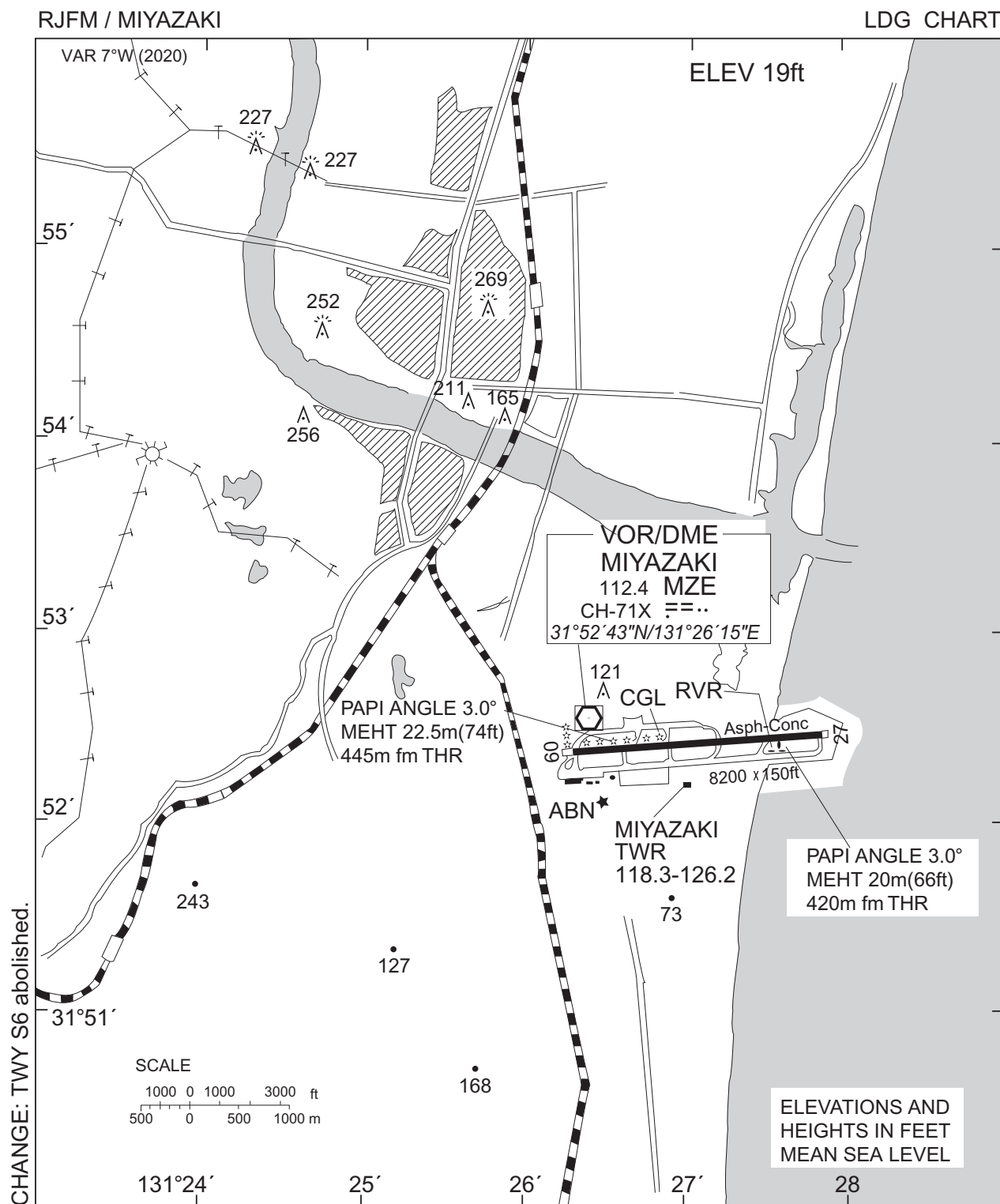
RJFM / MIYAZAKI

Visual REP



※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : Map updated. BRG/DIST from ARP.	Call sign	BRG / DIST from ARP	Remarks
	有田 Arita	312°T / 6.5NM	東九州自動車道大淀川橋 Bridge
	相生 Aioi	330°T / 5.5NM	宮崎西環状線相生橋 Bridge
	塩路 Shioji	016°T / 5.6NM	一ツ葉有料道路一ツ葉PA Parking Area
	一ツ葉 Hitotsuba	018°T / 3.4NM	サンビーチ 一ツ葉 Beach
	加江田 Kaeda	175°T / 3.7NM	加江田川河口 River mouth
	白浜 Shirahama	160°T / 5.8NM	戸崎鼻先端のホテル Hotel
	田野 Tano	246°T / 8.2NM	宮崎自動車道田野IC Interchange

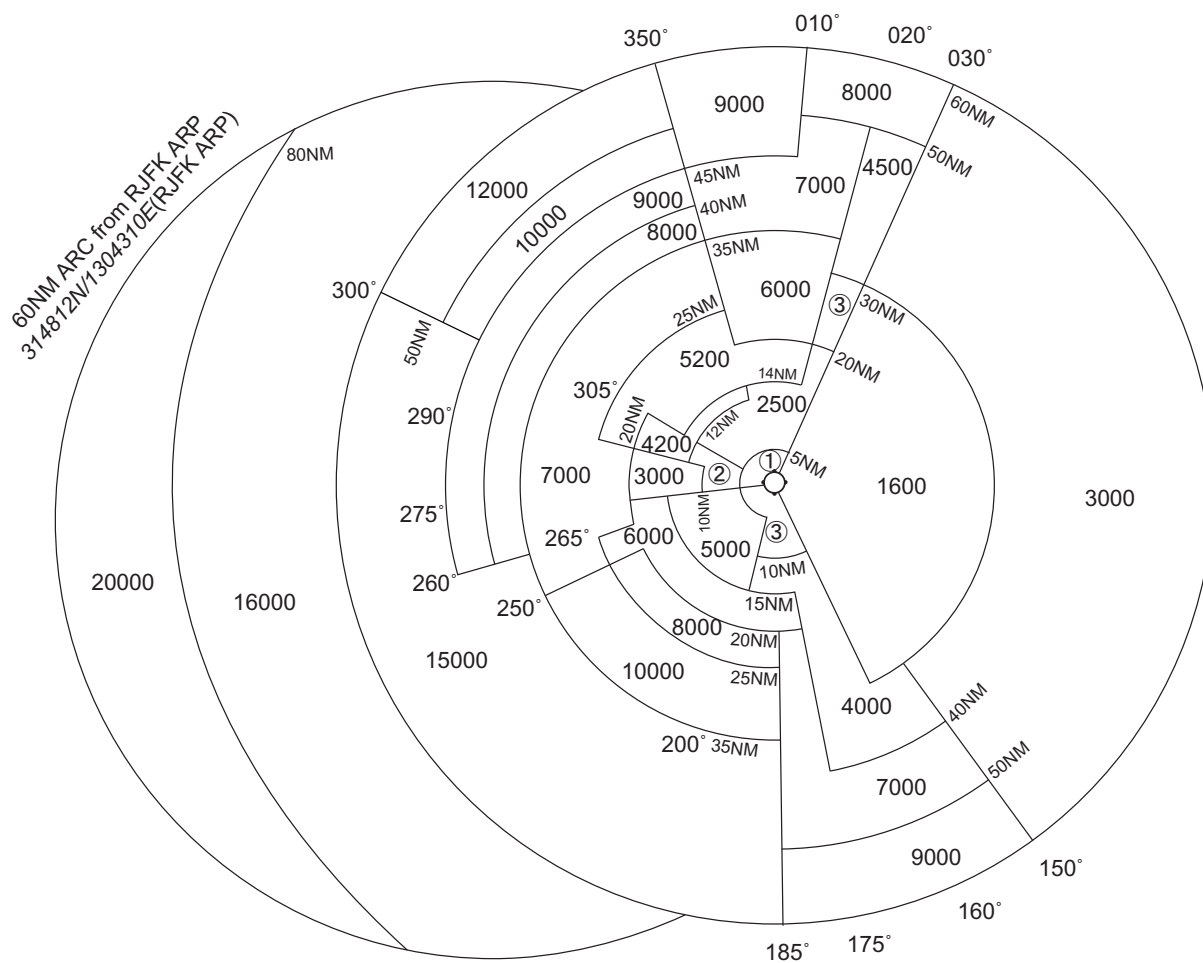


RJFM / MIYAZAKI

Minimum Vectoring Altitude CHART

VAR 7°W (2017)

CHANGE : Update(BTN 300° and 350°).



- ① 2000
- ② 2700
- ③ 3500

CENTER: 315238N/1312655E (RJFM ARP)