



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.



RJFM / MIYAZAKI SID

SASIK THREE 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 SASIK via TORIK and LALAG. 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.



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.



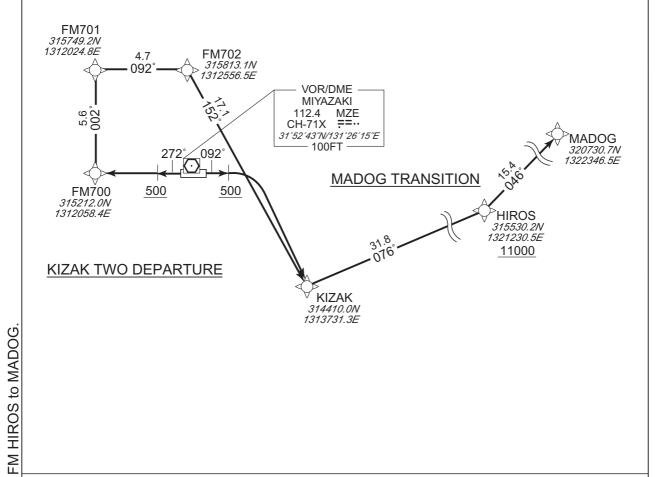
RJFM / MIYAZAKI

STANDARD DEPARTURE CHART - INSTRUMENT

RNAV SID and TRANSITION

	KIZAK TWO DEPARTURE MADOG TRANSITION								
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 KI	ZAK - KIZAK						
	DME GAP	RWY09 : DER - 4.01 RWY27 : DER - 4.01							
	Inappropriate Navaids	See AD1.1.6.10.3. Inapp	propriate NAVAIDs for RNAV1						

VAR 7° W(2020)



KIZAK TWO DEPARTURE

RWY09: Climb on HDG092° at or above 500FT, direct to KIZAK.

RWY27: Climb on HDG272° at or above 500FT, direct to FM700, to FM701, to FM702, to KIZAK.

NOTE RWY09: 5.0% climb gradient required up to 500FT. NOTE RWY27: 7.0% climb gradient required up to 900FT.

MADOG TRANSITION

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

Course

RJFM / MIYAZAKI

RNAV SID and TRANSITION

KIZAK TWO DEPARTURE

RWY09

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over		Magnetic Variation	1	Turn Direction		•		Navigation Specification
001	VA	_	_	092 (085.2)	-7.2	_	_	+500	-	_	RNAV1
002	DF	KIZAK	_	_	-7.2	_	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	_	_	272 (265.2)	-7.2	_	_	+500	_	_	RNAV1
002	DF	FM700	_	_	-7.2	_	_	_	_	_	RNAV1
003	TF	FM701	_	002 (355.2)	-7.2	5.6	_	_	_	_	RNAV1
004	TF	FM702	_	092 (085.2)	-7.2	4.7	ı	_	_	_	RNAV1
005	TF	KIZAK	_	152 (144.5)	-7.2	17.1	1	_	_	_	RNAV1

MADOG TRANSITION

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over		Magnetic Variation	1	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	
001	IF	KIZAK	_	_	-7.2	_	_	_	_	_	RNAV1
002	TF	HIROS	_	076 (069.0)	-7.2	31.8	_	+11000	_	_	RNAV1
003	TF	MADOG	_	046 (038.4)	-7.2	15.4	_	_	_	_	RNAV1

RJFM/ MIYAZAKI **RNAV SID** KIRISHIMA ONE DEPARTURE RNAV 1 Note 1) DME/DME/IRU or GNSS required. RWY09 : NHT : 2NM FM DER - 2NM to FM900 RWY27 : NHT : 5NM to FM703 - FM703 XThe aircraft equipped with only DME/DME/IRU Critical DME must be able to update its position without delay at the starting point of take-off roll. RWY09: DER - 2NM FM DER 2) RADAR service required. DME GAP RWY27: DER - 5NM to FM703 Inappropriate Navaids | See AD 1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 VAR 7°W (2020) SASIK 321759.3N 1303115.7E LALAG 9,2 **3**05. **NYUTABARU** 321338.3N ΑD 1304049.6E 29.4 ³⁰⁶ NASAK 315939.9N FM900 1311116.4E 315726.5N 12.7 1312601.1E 287 1000 KIRISHIMA ONE DEPARTURE 500 092° FM703 272° 315144.1N VOR/DME 1311433.9E MIYAZAKI 112.4 MZE CH-71X ₹=•• 31°52′43″N/131°26′15″E 100FT

KIRISHIMA ONE DEPARTURE

RWY09: Climb on HDG092° at or above 1000FT, turn left direct to FM900, to NASAK,

to LALAG, to SASIK.

RWY27 : Climb on HDG272° at or above 500FT, direct to FM703, to NASAK, to LALAG, to SASIK.

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

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

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

RJFM / MIYAZAKI RNAV SID

KIRISHIMA ONE DEPARTURE

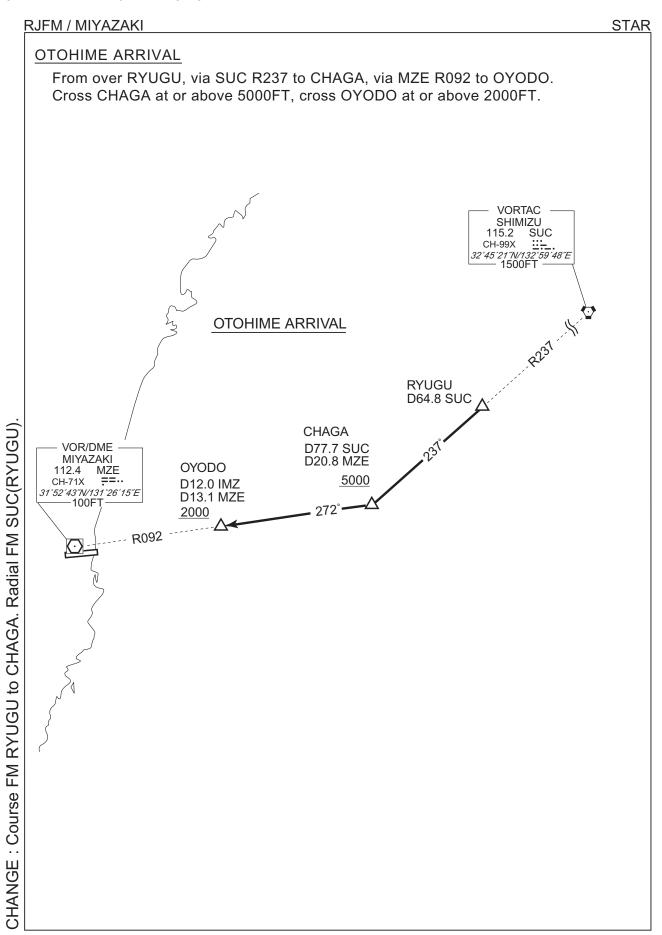
RWY09

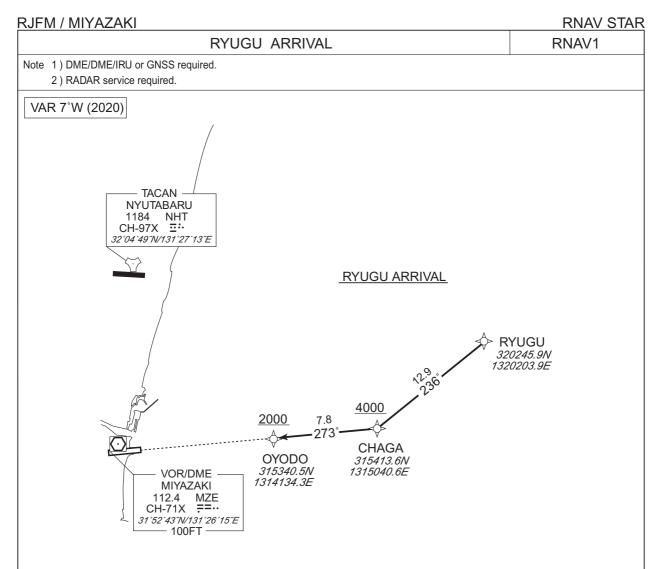
Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	092 (085.2)	-7.2	_	_	+1000	_	_	RNAV1
002	DF	FM900	_	_	-7.2	_	L	_	_	_	RNAV1
003	TF	NASAK	_	287 (280.1)	-7.2	12.7	_	_	_	_	RNAV1
004	TF	LALAG	_	306 (298.6)	-7.2	29.4	_	_	_	_	RNAV1
005	TF	SASIK	_	305 (298.3)	-7.2	9.2	_	_	_	_	RNAV1

RWY27

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Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	272 (265.2)	-7.2	_	_	+500	_	_	RNAV1
002	DF	FM703	_	_	-7.2	_	_	_	_	_	RNAV1
003	TF	NASAK	_	348 (340.6)	-7.2	8.4	-	_	_	_	RNAV1
004	TF	LALAG	_	306 (298.6)	-7.2	29.4	_	_	_	_	RNAV1
005	TF	SASIK	_	305 (298.3)	-7.2	9.2	_	_	_	_	RNAV1

STANDARD ARRIVAL CHART - INSTRUMENT





RYUGU ARRIVAL

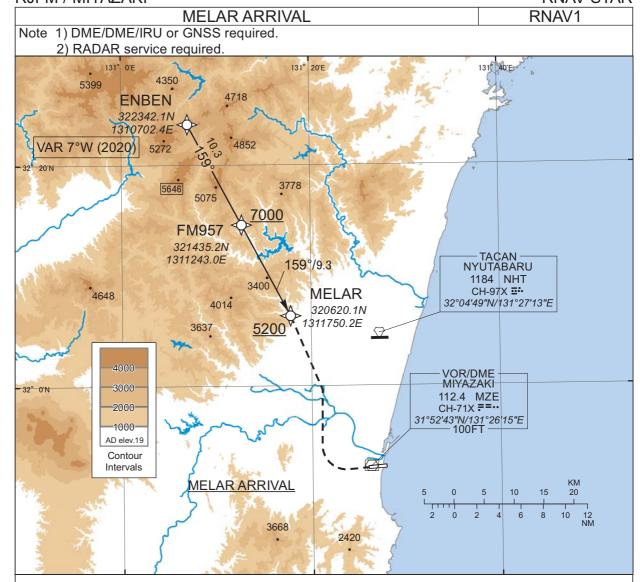
From RYUGU, to CHAGA at or above 4000FT, to OYODO at or above 2000FT.

Critical DME	-
DME GAP	_
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	
001	IF	RYUGU	_	_	-7.2	_	_	_	_	_	RNAV1
002	TF	CHAGA	_	236 (228.6)	-7.2	12.9	_	+4000	_	_	RNAV1
003	TF	OYODO	_	273 (266.0)	-7.2	7.8	_	+2000	_	_	RNAV1

STANDARD ARRIVAL CHART - INSTRUMENT

RJFM / MIYAZAKI RNAV STAR



MELAR ARRIVAL

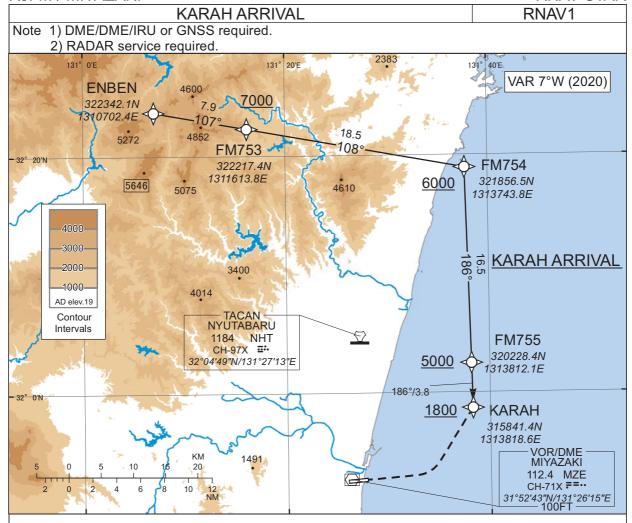
From ENBEN, to FM957 at or above 7000FT, to MELAR at or above 5200FT.

Critical DME	-
DME GAP	-
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

		_								
Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
IF	ENBEN	-	-	-7.2	-	-	-	-	-	RNAV1
TF	FM957	-	159 (152.2)	-7.2	10.3	-	+7000	ı	-	RNAV1
TF	MELAR	-	159 (152.3)	-7.2	9.3	-	+5200	-	-	RNAV1
	IF TF	Descriptor Identifier IF ENBEN TF FM957	Descriptor Identifier Over IF ENBEN - TF FM957 -	Descriptor Identifier Over °M(°T) IF ENBEN - - TF FM957 - 159 (152.2) TF MFLAR - 159	Descriptor Identifier Over °M(°T) Variation IF ENBEN - -7.2 TF FM957 - 159 (152.2) -7.2 TF MELAR - 159 (152.2) -7.2	Descriptor Identifier Over °M(°T) Variation (NM) IF ENBEN - -7.2 - TF FM957 - 159 (152.2) -7.2 10.3 TF MELAR - 159 (152.2) -7.2 9.3	Descriptor Identifier Over °M(°T) Variation (NM) Direction IF ENBEN - -7.2 - - TF FM957 - 159 (152.2) -7.2 10.3 - TF MELAR - 159 (152.2) -7.2 9.3 -	Descriptor Identifier Over °M(°T) Variation (NM) Direction (FT) IF ENBEN - - -7.2 - - - TF FM957 - 159 (152.2) -7.2 10.3 - +7000 TF MFLAR - 159 (159.2) -7.2 9.3 - +5200	Descriptor Identifier Over °M(°T) Variation (NM) Direction (FT) (KIAS) IF ENBEN - -7.2 - - - - TF FM957 - 159 (152.2) -7.2 10.3 - +7000 - TE MELAR - 159 (152.2) -7.2 9.3 - +5200 -	Descriptor Identifier Over °M(°T) Variation (NM) Direction (FT) (KIAS) Angle IF ENBEN - -7.2 - - - - - - TF FM957 - 159 (152.2) -7.2 10.3 - +7000 - - TF MELAR - 159 (152.2) -7.2 9.3 - +5200 - -

STANDARD ARRIVAL CHART - INSTRUMENT

RJFM / MIYAZAKI RNAV STAR

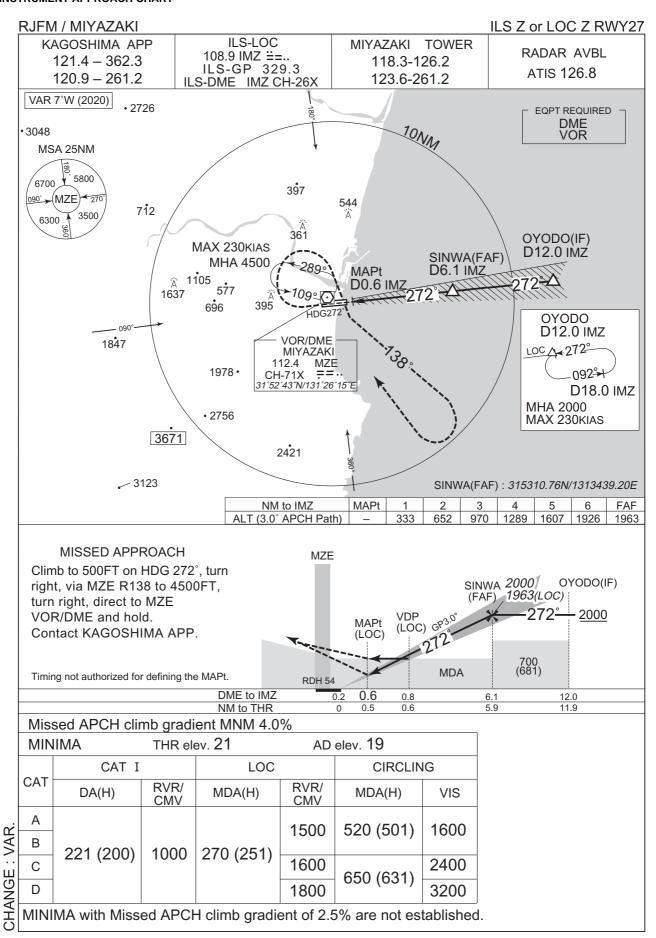


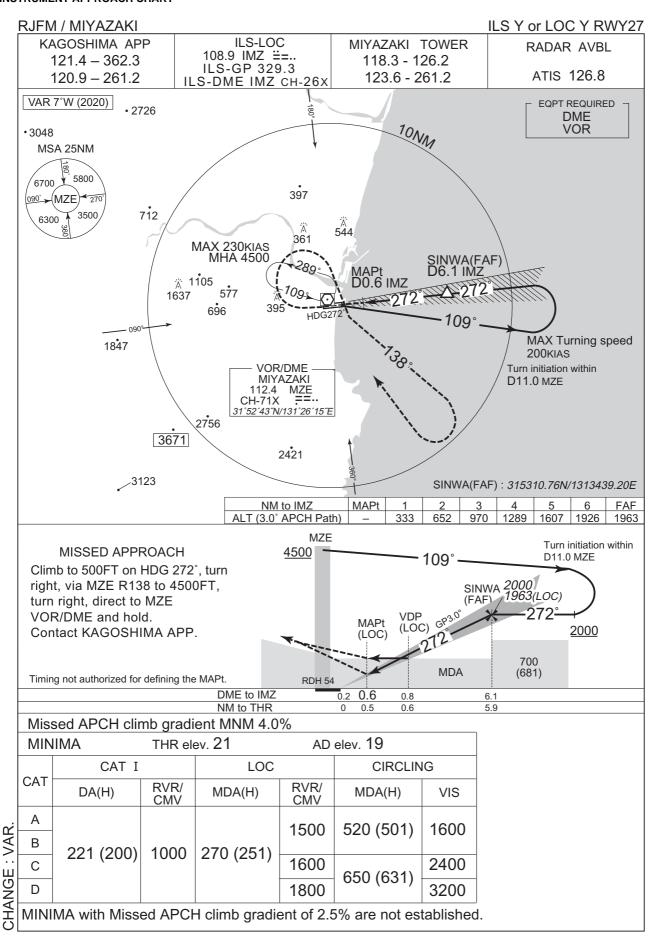
KARAH ARRIVAL

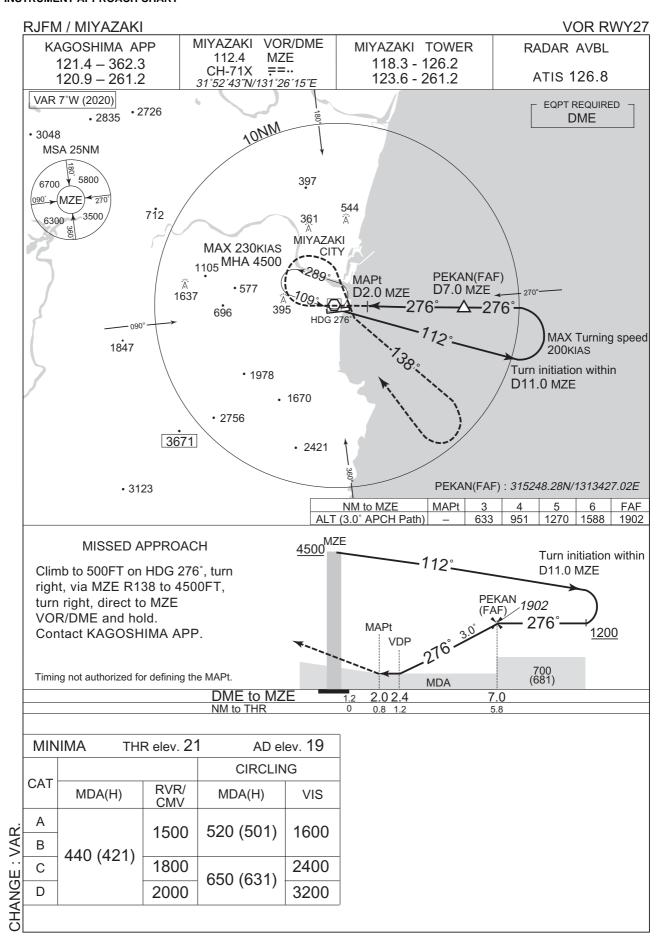
From ENBEN, to FM753 at or above 7000FT, to FM754 at or above 6000FT, to FM755 at or above 5000FT, to KARAH at or above 1800FT.

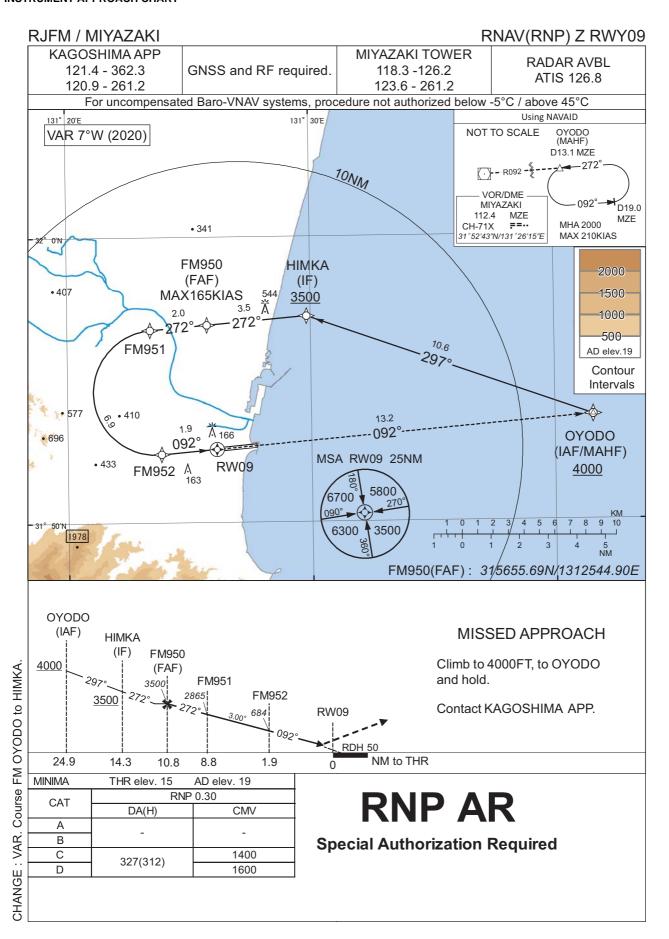
	SUC: 15NM to FM754 - 10NM to FM755
Critical DME	MZE: 14NM to FM755 - 2NM to FM755
	NHT: 5NM to FM755 - KARAH
DME GAP	-
Inappropriate	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1
Navaids	See AD 1. 1.6. 10.5. Inappropriate NAVAIDS for RNAV I

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	ENBEN	-	-	-7.2	-	-	-	-	-	RNAV1
002	TF	FM753	-	107 (100.3)	-7.2	7.9	-	+7000	-	-	RNAV1
003	TF	FM754	-	108 (100.3)	-7.2	18.5	-	+6000	-	-	RNAV1
004	TF	FM755	-	186 (178.6)	-7.2	16.5	-	+5000	ı	-	RNAV1
005	TF	KARAH	-	186 (178.6)	-7.2	3.8	-	+1800	-	-	RNAV1









RJFM / MIYAZAKI

RNAV(RNP) Z RWY09

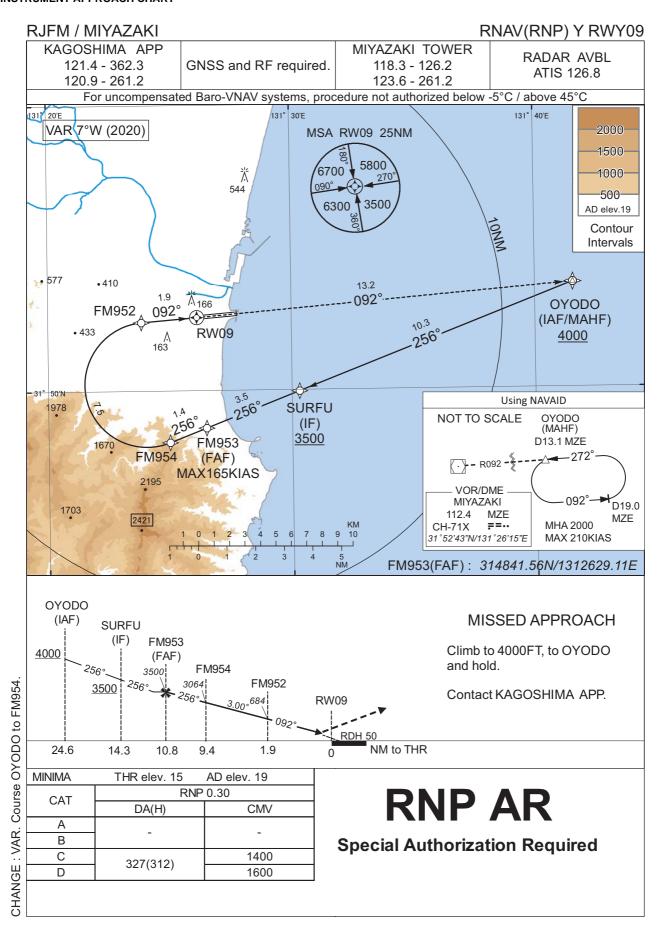
RNAV(RNP) Z RWY09

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	1	-	-7.2	-	-	+4000	-	-	-
002	TF	HIMKA	-	297 (289.7)	-7.2	10.6	-	+3500	-	-	1.0
003	TF	FM950	1	272 (265.2)	-7.2	3.5	-	3500	-165	-	1.0
004	TF	FM951	1	272 (265.2)	-7.2	2.0	-	2865	-	-3.00	0.3
005	RF Center: FMRF1 r=2.18NM	FM952	ı	1	-7.2	6.9	L	684	1	-3.00	0.3
006	TF	RW09	Υ	092 (085.1)	-7.2	1.9	-	65	-	-3.00/50	0.3
007	TF	OYODO	-	092 (085.1)	-7.2	13.2	-	4000	-	-	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		



RJFM / MIYAZAKI

RNAV(RNP) Y RWY09

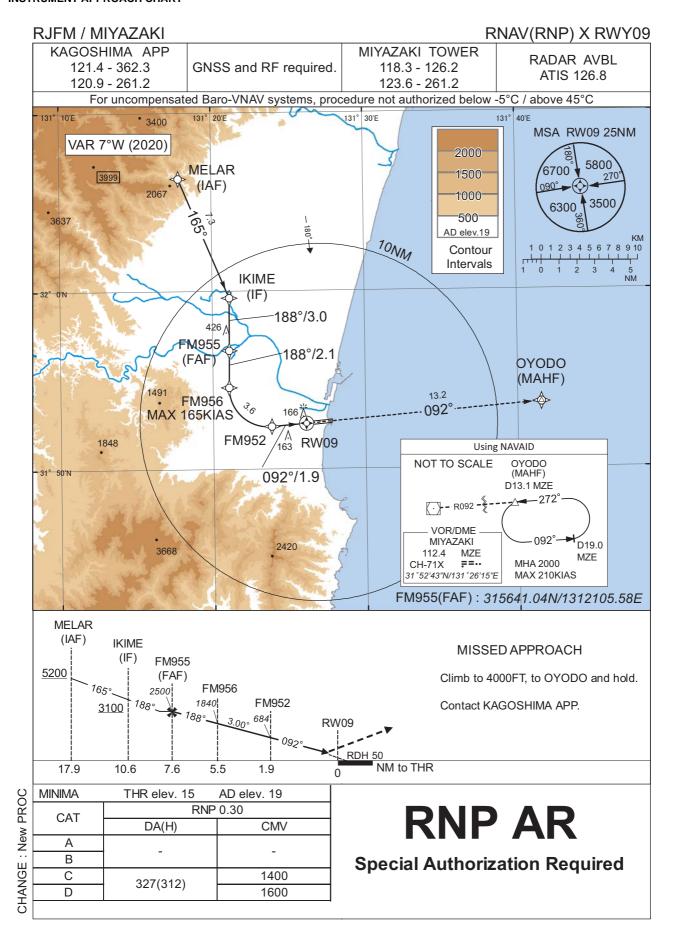
RNAV(RNP) Y RWY09

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	,	-	-7.2	-	-	+4000	-	-	-
002	TF	SURFU	,	256 (248.8)	-7.2	10.3	-	+3500	-	-	1.0
003	TF	FM953	-	256 (248.7)	-7.2	3.5	ı	3500	-165	ı	1.0
004	TF	FM954	,	256 (248.7)	-7.2	1.4	-	3064	-	-3.00	0.3
005	RF Center: FMRF2 r=2.18NM	FM952	ı	ı	-7.2	7.5	R	684	1	-3.00	0.3
006	TF	RW09	Υ	092 (085.1)	-7.2	1.9	-	65	-	-3.00/50	0.3
007	TF	OYODO	,	092 (085.1)	-7.2	13.2	-	4000	-	-	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		



RJFM / MIYAZAKI

RNAV(RNP) X RWY09

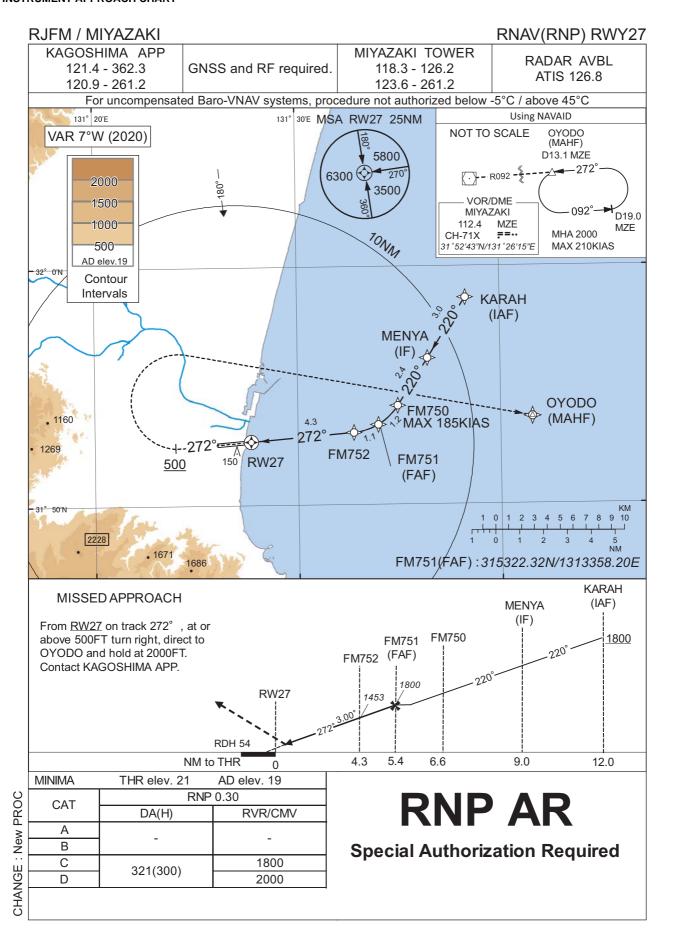
RNAV(RNP) X RWY09

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	-	-	-7.2	-	-	+5200	-	-	-
002	TF	IKIME	-	165 (157.4)	-7.2	7.3	-	+3100	-	-	0.3
003	TF	FM955	-	188 (180.6)	-7.2	3.0	-	2500	-	-	0.3
004	TF	FM956	-	188 (180.6)	-7.2	2.1	-	1840	-165	-3.00	0.3
005	RF Center: FMRF1 r=2.18NM	FM952	ı	1	-7.2	3.6	L	684	1	-3.00	0.3
006	TF	RW09	Y	092 (085.1)	-7.2	1.9	-	65	1	-3.00/50	0.3
007	TF	OYODO	-	092 (085.1)	-7.2	13.2	-	4000	-	-	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]	



RJFM / MIYAZAKI

RNAV(RNP) RWY27

RNAV(RNP) RWY27

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	-	ı	-7.2	ı	-	+1800	ı	-	-
002	TF	MENYA	,	220 (212.3)	-7.2	3.0	-	-	,		0.3
003	TF	FM750	1	220 (212.3)	-7.2	2.4	-	-	-185	-	0.3
004	RF Center: FMRF3 r=2.43NM	FM751	1	ı	-7.2	1.2	R	1800	1	-	0.3
005	RF Center: FMRF3 r=2.43NM	FM752	-	1	-7.2	1.1	R	1453	1	-3.00	0.3
006	TF	RW27	Υ	272 (265.2)	-7.2	4.3	-	75	,	-3.00/54	0.3
007	FA	-	-	272 (265.2)	-7.2	-	-	+500	-	-	1.0
008	DF	OYODO	-	1	-7.2	1	R	2000	ı	-	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		

Visual REP RJFM / MIYAZAKI 被明显高明 莱 南城寺、迁 **©**SHIOJI 竹篠 千代,崎 三蔵原 ィ ーガイアIC ^茂力**O**AIOI ARITA • 菰迫 **OHITOTSUBA** 寺迫 公,八重 大淀川 MIYAZAKI CONTROL ZONE At or below 900m (3000 feet) 仮屋原: 元野 TANO OBBIC OKAEDA 青岛 血物群落 五:050 Щ(朝陣野 **OSHIRAHAMA** 花切山

Call sign	BRG / DIST from ARP	Remarks
有 田 Arita	318°/6.5NM	東九州自動車道大淀川橋 Bridge
相 生 Aioi	336°/5.3NM	宮崎西環状線相生橋 Bridge
塩 路 Shioji	022°/5.7NM	ーツ葉有料道路ーツ葉PA Parking Area
ー ツ 葉 Hitotsuba	023°/3.3NM	サンビーチ ーツ葉 Beach
加 江 田 Kaeda	182°/3.7NM	加江田川河口 River-mouth
白 浜 Shirahama	166°/5.8NM	戸崎鼻先端のホテル Hotel
田 野 Tano	251°/8.1NM	宮崎自動車道田野IC Interchange

4738



