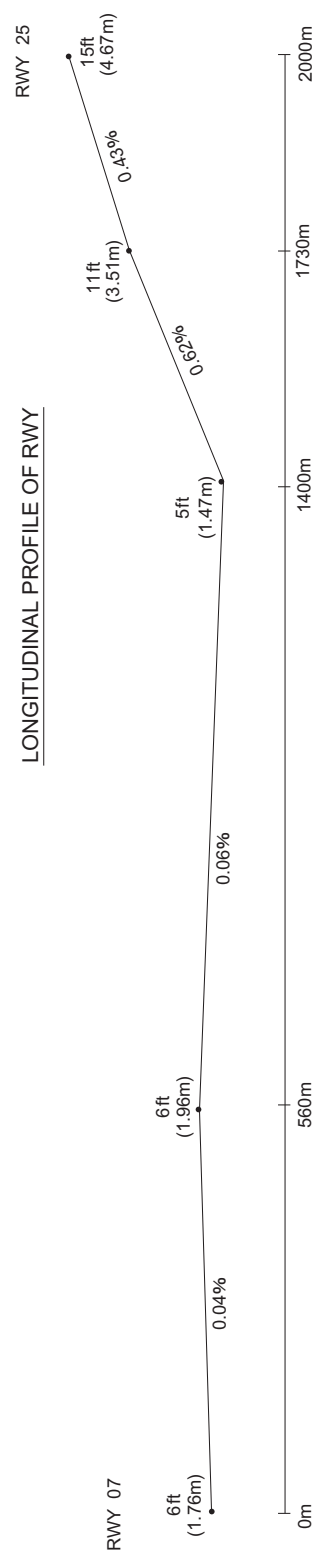


AD CHART



STANDARD DEPARTURE CHART -INSTRUMENT

RJOC / IZUMO

SID

DOZEN SIX DEPARTURE

RWY07 : Climb RWY HDG to 500FT, turn left ...

RWY25 : Climb RWY HDG to 1700FT, turn right HDG078°...

... to intercept and proceed via XZE R033 to XZE 20.0DME(OIE 30.2DME),
via OIE R213 to DOZEN.

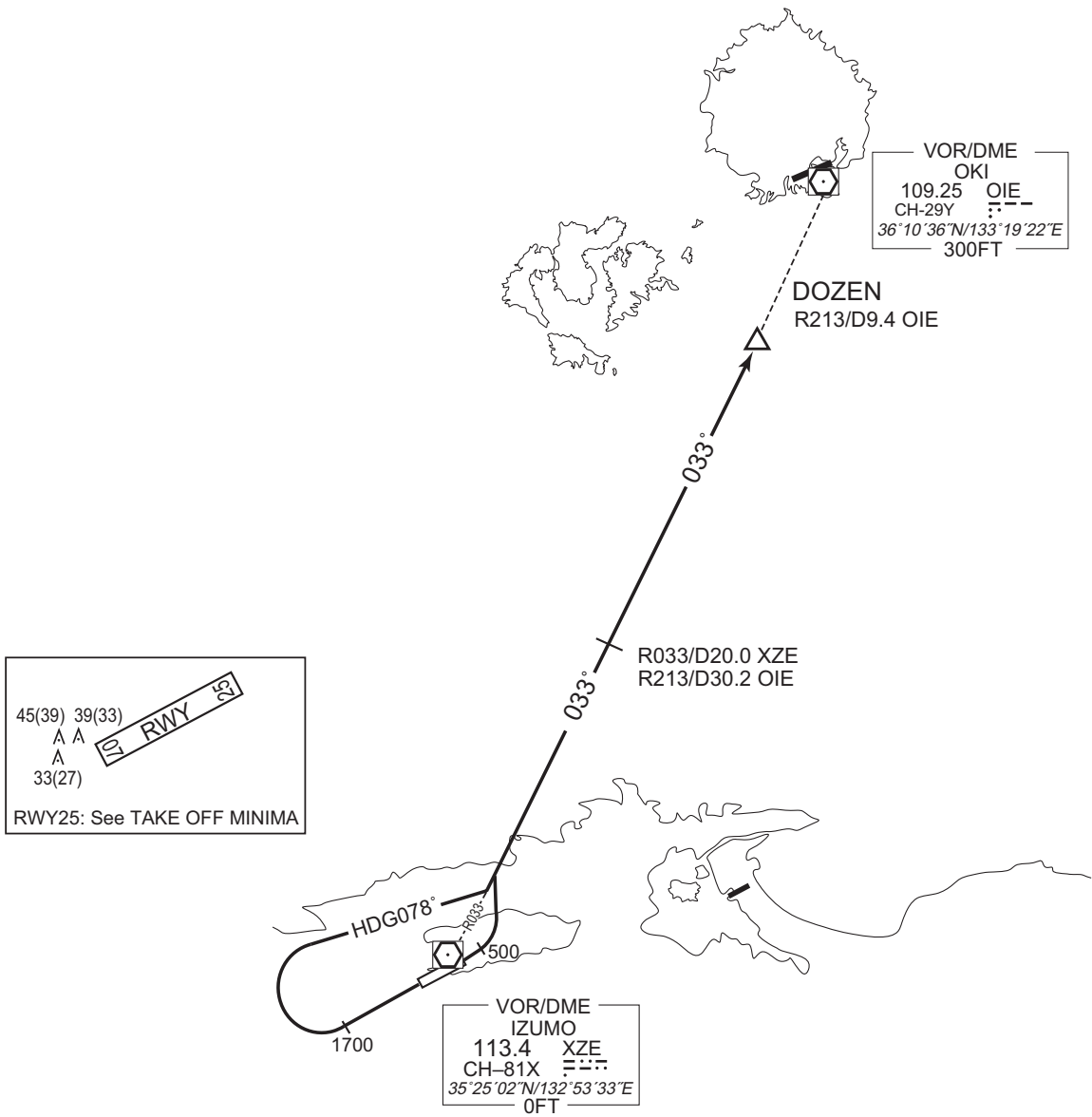
Note RWY07: 4.6% climb gradient required up to 1300FT.

OBST ALT 1074FT located at 4.8NM 029° FM end of RWY07.

RWY25: 4.7% climb gradient required up to 2200FT.

OBST ALT 1838FT located at 6.3NM 280° FM end of RWY25.

CHANGE : PROC renamed. PROC course.



STANDARD DEPARTURE CHART -INSTRUMENT

RJOC / IZUMO

SID

IZUMO REVERSAL FIVE DEPARTURE

RWY07 : Climb RWY HDG to 500FT, turn left to intercept and proceed via XZE R033 to 3000FT, turn left direct to XZE VOR/DME.

Cross XZE VOR/DME at or above 7000FT.

RWY25 : Climb RWY HDG to 1700FT, turn right to intercept and proceed via XZE R261 to XZE 10.5DME, turn right direct to XZE VOR/DME.

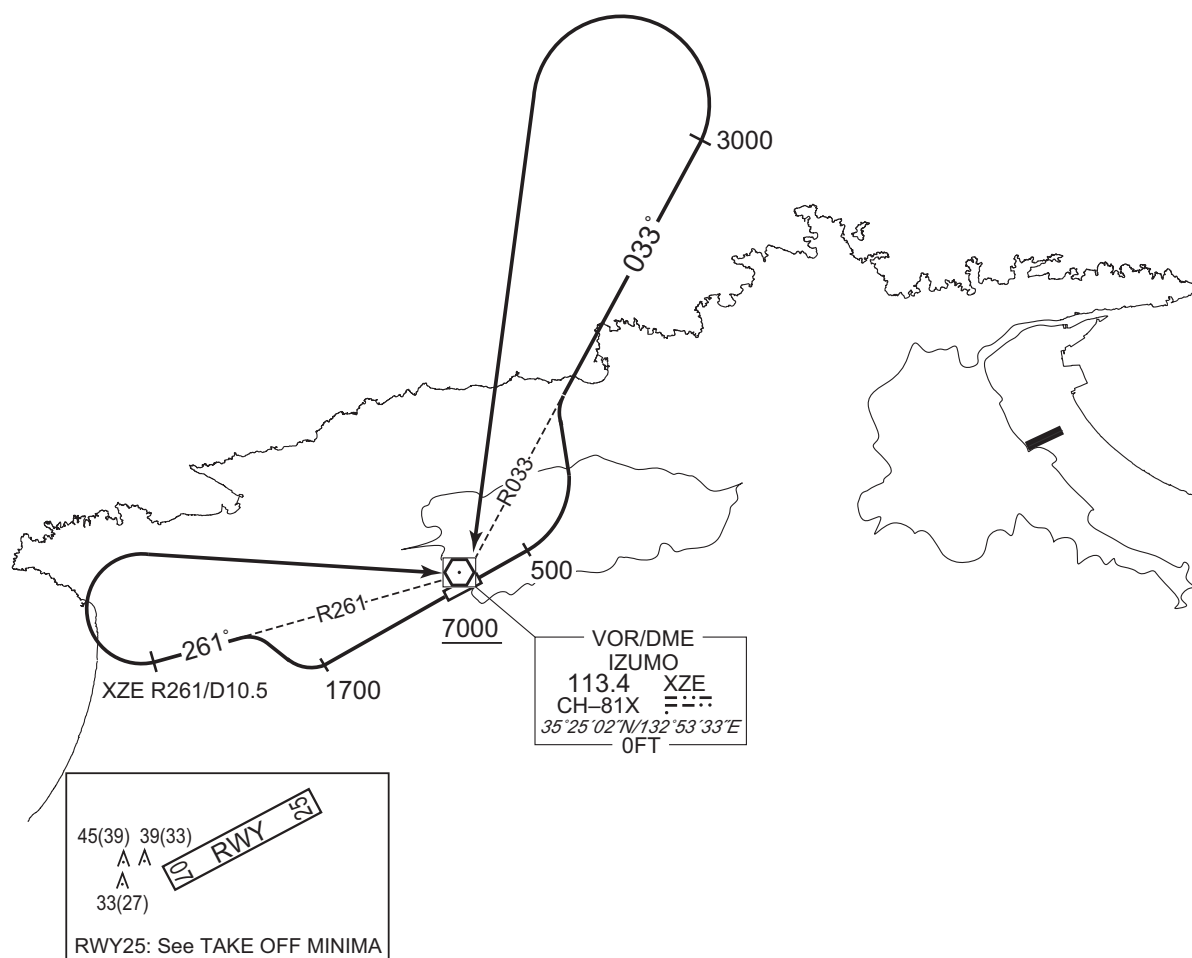
Cross XZE VOR/DME at or above 7000FT.

Note RWY07: 4.6% climb gradient required up to 1300FT.

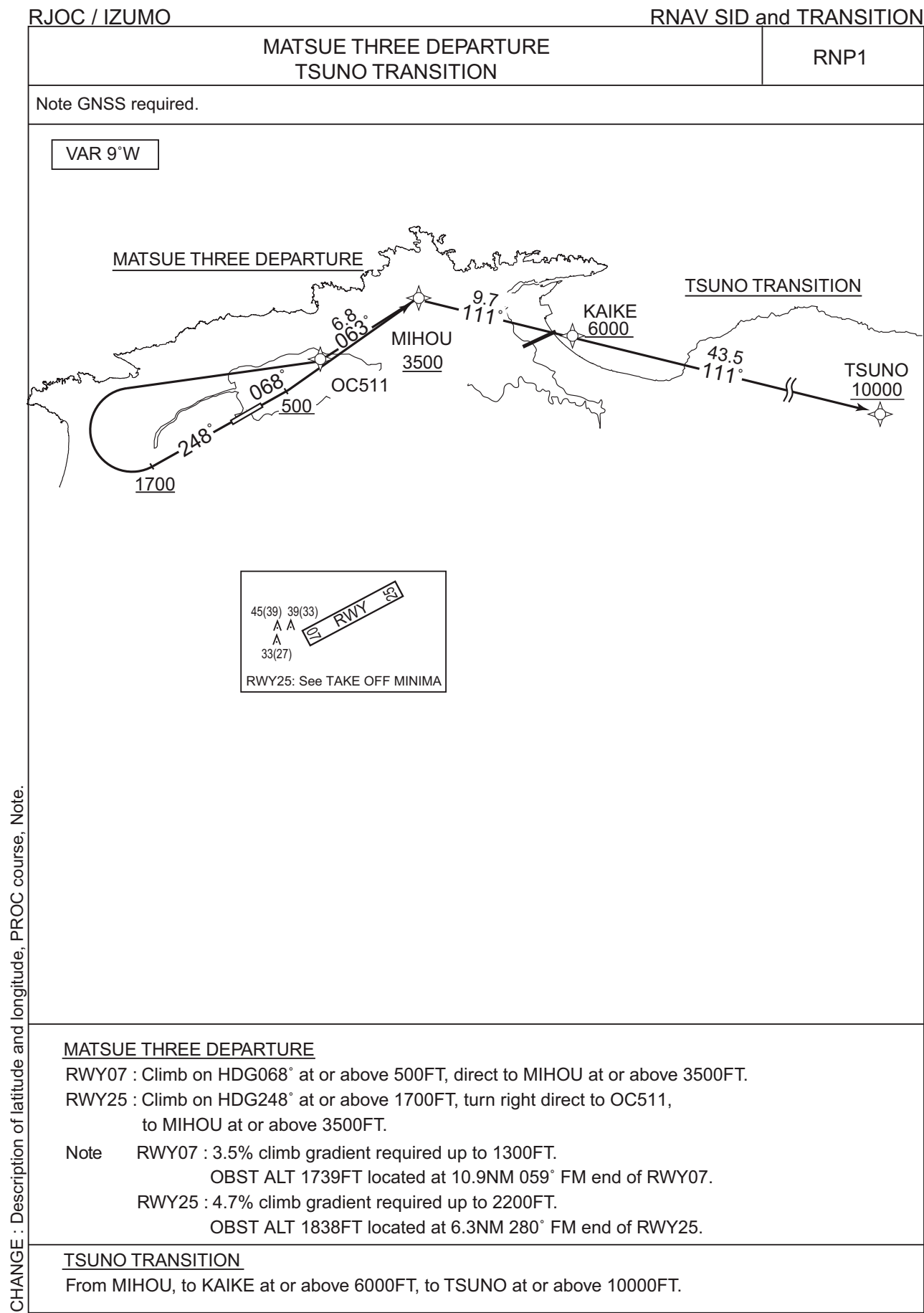
OBST ALT 1074FT located at 4.8NM 029° FM end of RWY07.

RWY25: 4.7% climb gradient required up to 2200FT.

OBST ALT 1838FT located at 6.3NM 280° FM end of RWY25.



STANDARD DEPARTURE CHART - INSTRUMENT



CHANGE : Description of latitude and longitude, PROC course, Note.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID and TRANSITION

MATSUE THREE DEPARTURE

RWY07

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	-	-	068 (059.3)	-8.6	-	-	+500	-	-	RNP1
002	DF	MIHOU	-	-	-8.6	-	-	+3500	-	-	RNP1

RWY25

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	-	-	248 (239.3)	-8.6	-	-	+1700	-	-	RNP1
002	DF	OC511	-	-	-8.6	-	R	-	-	-	RNP1
003	TF	MIHOU	-	063 (054.5)	-8.6	6.8	-	+3500	-	-	RNP1

TSUNO TRANSITION

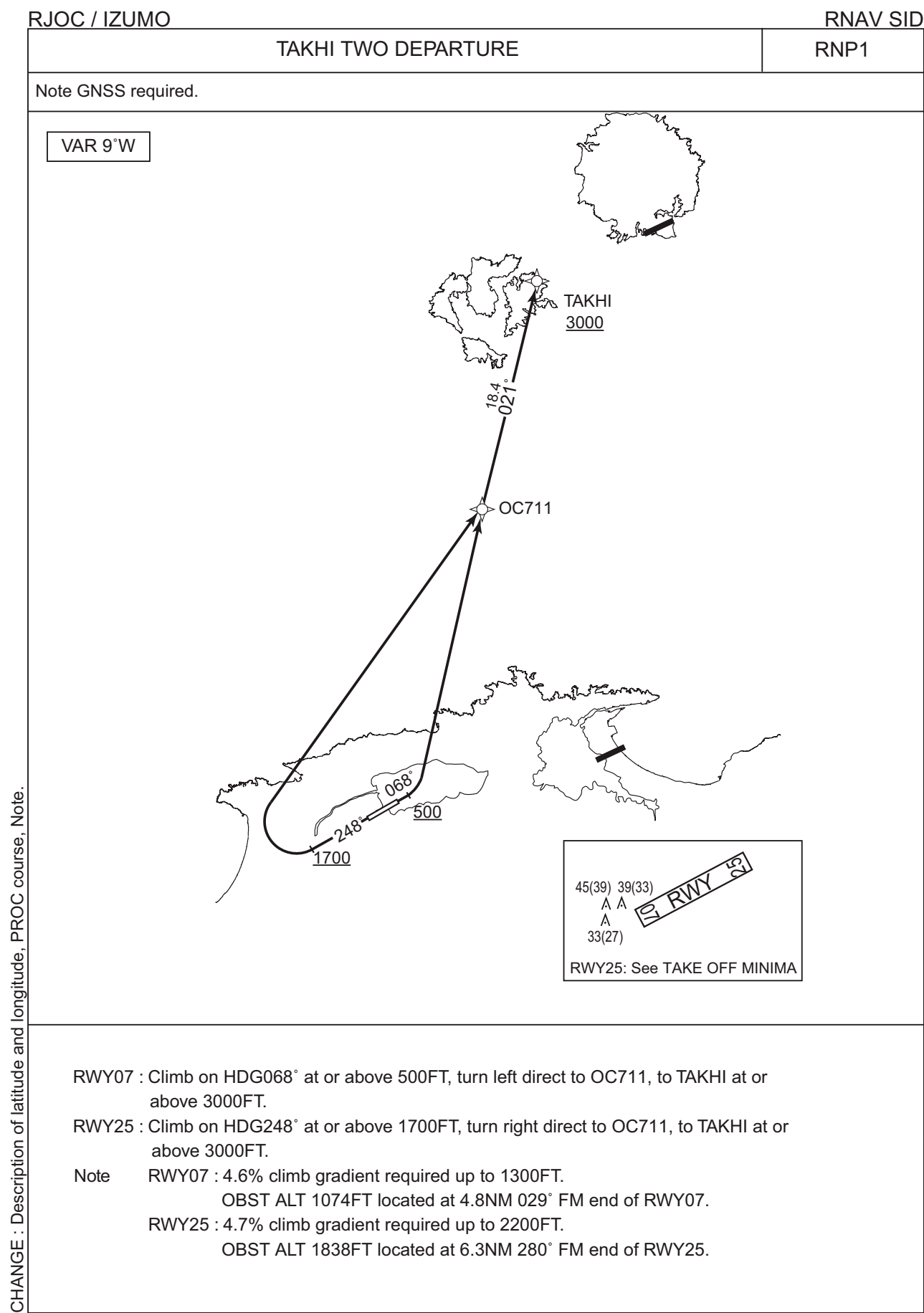
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	MIHOU	-	-	-8.6	-	-	+3500	-	-	RNP1
002	TF	KAIKE	-	111 (102.6)	-8.6	9.7	-	+6000	-	-	RNP1
003	TF	TSUNO	-	111 (102.7)	-8.6	43.5	-	+10000	-	-	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
MIHOU	353152.0N / 1330538.1E
OC511	352755.7N / 1325850.4E
KAIKE	352944.8N / 1331713.2E
TSUNO	351958.4N / 1340912.3E

CHANGE : Waypoint Coordinates added.

STANDARD DEPARTURE CHART - INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID

TAKHI TWO DEPARTURE

RWY07

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	-	-	068 (059.3)	-8.6	-	-	+500	-	-	RNP1
002	DF	OC711	-	-	-8.6	-	L	-	-	-	RNP1
003	TF	TAKHI	-	021 (012.3)	-8.6	18.4	-	+3000	-	-	RNP1

RWY25

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	-	-	248 (239.3)	-8.6	-	-	+1700	-	-	RNP1
002	DF	OC711	-	-	-8.6	-	R	-	-	-	RNP1
003	TF	TAKHI	-	021 (012.3)	-8.6	18.4	-	+3000	-	-	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
OC711	354844.8N / 1330225.0E
TAKHI	360640.9N / 1330714.8E

CHANGE :Waypoint Coordinates added.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

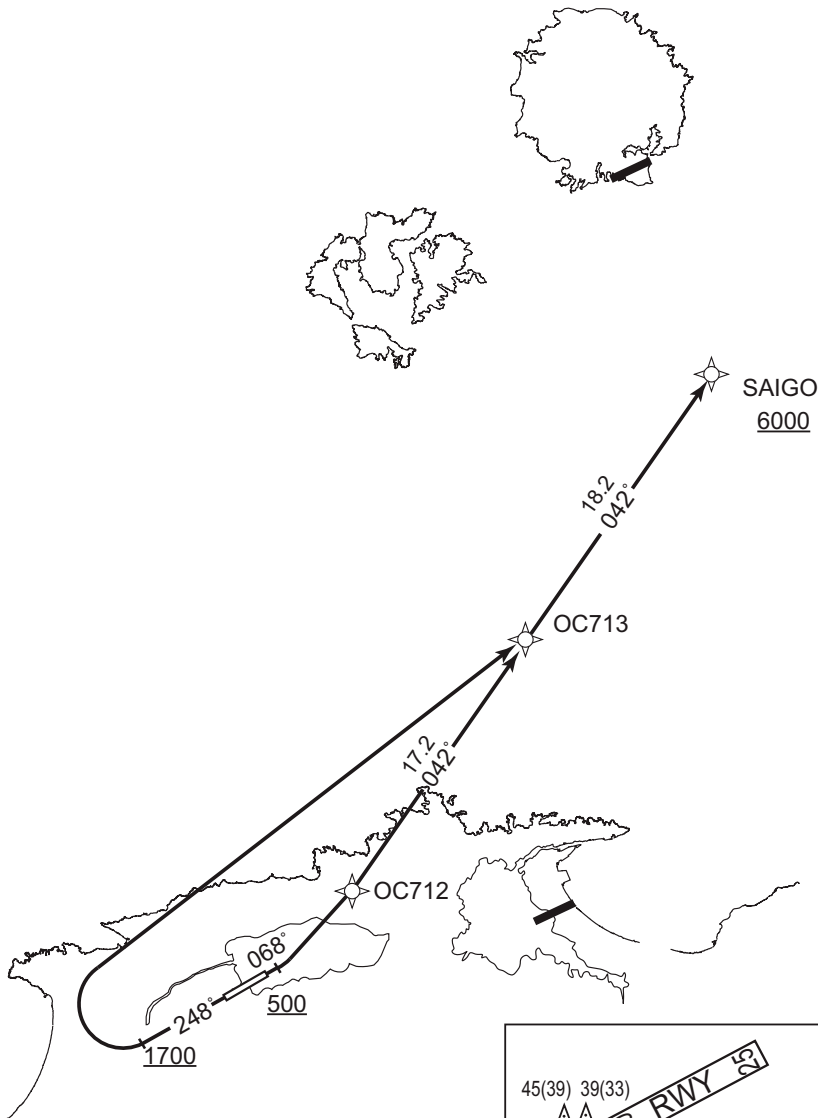
RNAV SID

SAIGO TWO DEPARTURE

RNP1

Note GNSS required.

VAR 9°W



CHANGE : Description of latitude and longitude, PROC course, Note.

- RWY07 : Climb on HDG068° at or above 500FT, turn left direct to OC712, to OC713, to SAIGO at or above 6000FT.
- RWY25 : Climb on HDG248° at or above 1700FT, turn right direct to OC713, to SAIGO at or above 6000FT.
- Note RWY07 : 4.6% climb gradient required up to 800FT.
 OBST ALT 1214FT located at 6.8NM 045° FM end of RWY07.
- RWY25 : 4.7% climb gradient required up to 2200FT.
 OBST ALT 1838FT located at 6.3NM 280° FM end of RWY25.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID

SAIGO TWO DEPARTURE

RWY07

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	-	-	068 (059.3)	-8.6	-	-	+500	-	-	RNP1
002	DF	OC712	-	-	-8.6	-	L	-	-	-	RNP1
003	TF	OC713	-	042 (033.7)	-8.6	17.2	-	-	-	-	RNP1
004	TF	SAIGO	-	042 (033.8)	-8.6	18.2	-	+6000	-	-	RNP1

RWY25

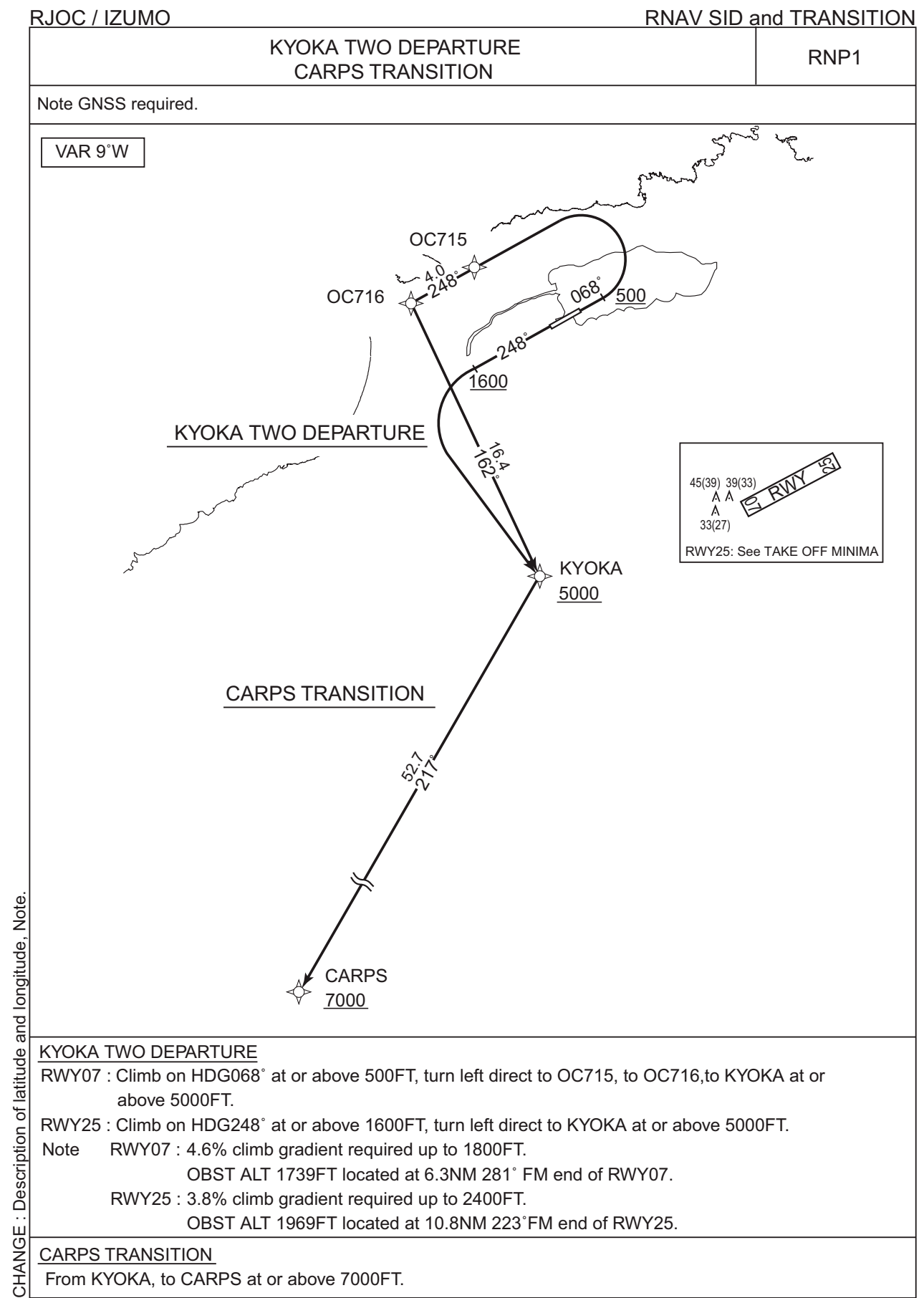
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	248 (239.3)	-8.6	-	-	+1700	-	-	RNP1
002	DF	OC713	-	-	-8.6	-	R	-	-	-	RNP1
003	TF	SAIGO	-	042 (033.8)	-8.6	18.2	-	+6000	-	-	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
OC712	353016.6N / 1330034.0E
OC713	354431.8N / 1331217.8E
SAIGO	355939.7N / 1332450.4E

CHANGE : Waypoint Coordinates added.

STANDARD DEPARTURE CHART - INSTRUMENT



CHANGE : Description of latitude and longitude, Note.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID and TRANSITION

KYOKA TWO DEPARTURE

RWY07

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	-	-	068 (059.3)	-8.6	-	-	+500	-	-	RNP1
002	DF	OC715	-	-	-8.6	-	L	-	-	-	RNP1
003	TF	OC716	-	248 (239.3)	-8.6	4.0	-	-	-	-	RNP1
004	TF	KYOKA	-	162 (153.6)	-8.6	16.4	-	+5000	-	-	RNP1

RWY25

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	-	-	248 (239.3)	-8.6	-	-	+1600	-	-	RNP1
002	DF	KYOKA	-	-	-8.6	-	L	+5000	-	-	RNP1

CARPS 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	KYOKA	-	-	-8.6	-	-	+5000	-	-	RNP1
002	TF	CARPS	-	217 (208.4)	-8.6	52.7	-	+7000	-	-	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
OC715	352727.4N / 1324713.3E
OC716	352525.0N / 1324300.6E
KYOKA	351046.4N / 1325153.7E
CARPS	342424.7N / 1322134.0E

CHANGE : Waypoint Coordinates added.

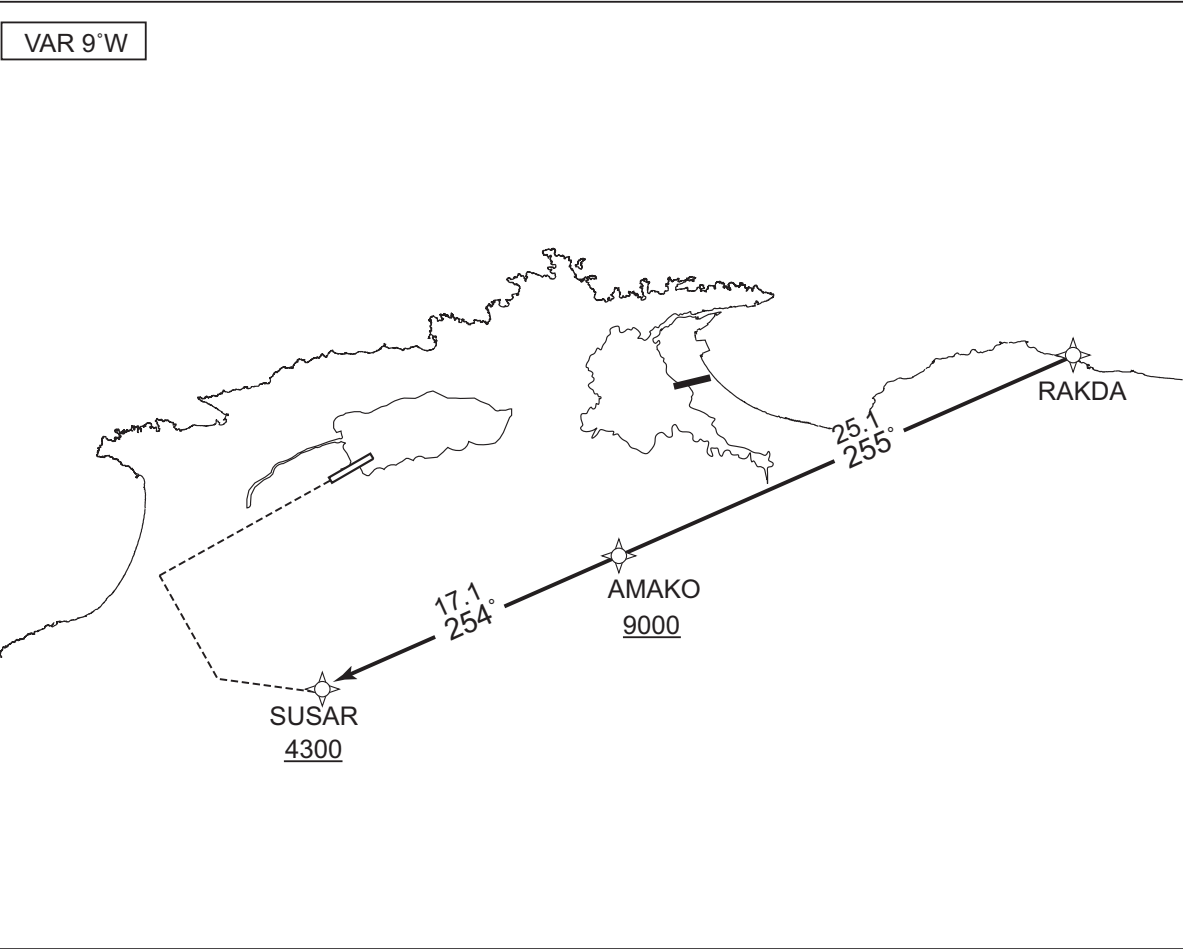
STANDARD ARRIVAL CHART - INSTRUMENT

RJOC / IZUMO

RNAV STAR RWY07

SUSAR ARRIVAL	RNP1
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Note GNSS required.



From RAKDA, to AMAKO at or above 9000FT, to SUSAR at or above 4300FT.

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	RAKDA	—	—	-8.6	—	—	—	—	—	RNP1
002	TF	AMAKO	—	255 (246.0)	-8.6	25.1	—	+9000	—	—	RNP1
003	TF	SUSAR	—	254 (245.8)	-8.6	17.1	—	+4300	—	—	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
RAKDA	353110.1N / 1333824.3E
AMAKO	352056.6N / 1331020.3E
SUSAR	351355.5N / 1325118.6E

CHANGE : Waypoint Coordinates added. Description of latitude and longitude.

STANDARD ARRIVAL CHART - INSTRUMENT

RJOC / IZUMO

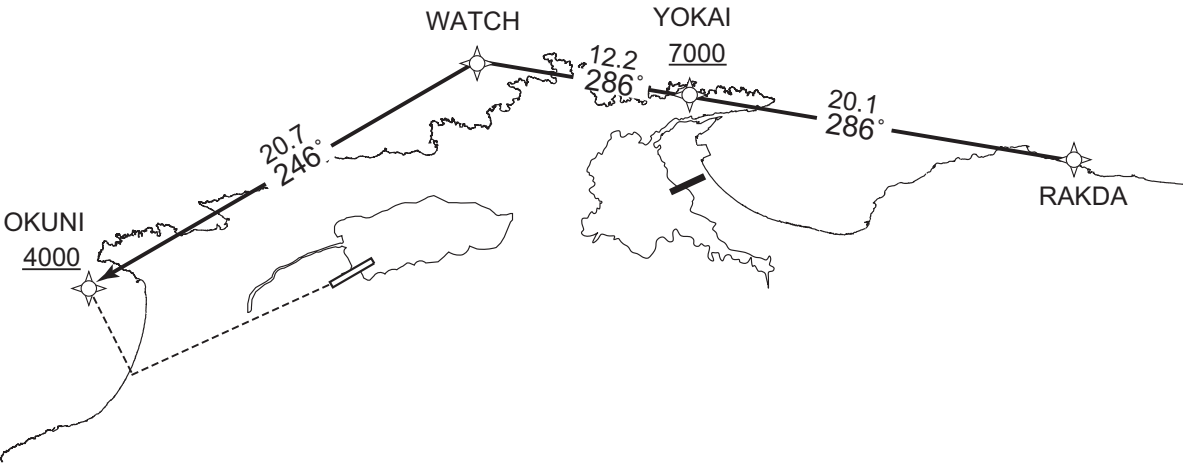
RNAV STAR RWY07

OKUNI ARRIVAL

RNP1

Note GNSS required.

VAR 9°W



From RAKDA, to YOKAI at or above 7000FT, to WATCH, to OKUNI at or above 4000FT.

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	RAKDA	—	—	-8.6	—	—	—	—	—	RNP1
002	TF	YOKAI	—	286 (277.8)	-8.6	20.1	—	+7000	—	—	RNP1
003	TF	WATCH	—	286 (277.6)	-8.6	12.2	—	—	—	—	RNP1
004	TF	OKUNI	—	246 (237.3)	-8.6	20.7	—	+4000	—	—	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
RAKDA	353110.1N / 1333824.3E
YOKAI	353351.1N / 1331357.1E
WATCH	353526.3N / 1325906.6E
OKUNI	352412.6N / 1323743.8E

CHANGE : Waypoint Coordinates added. Description of latitude and longitude.

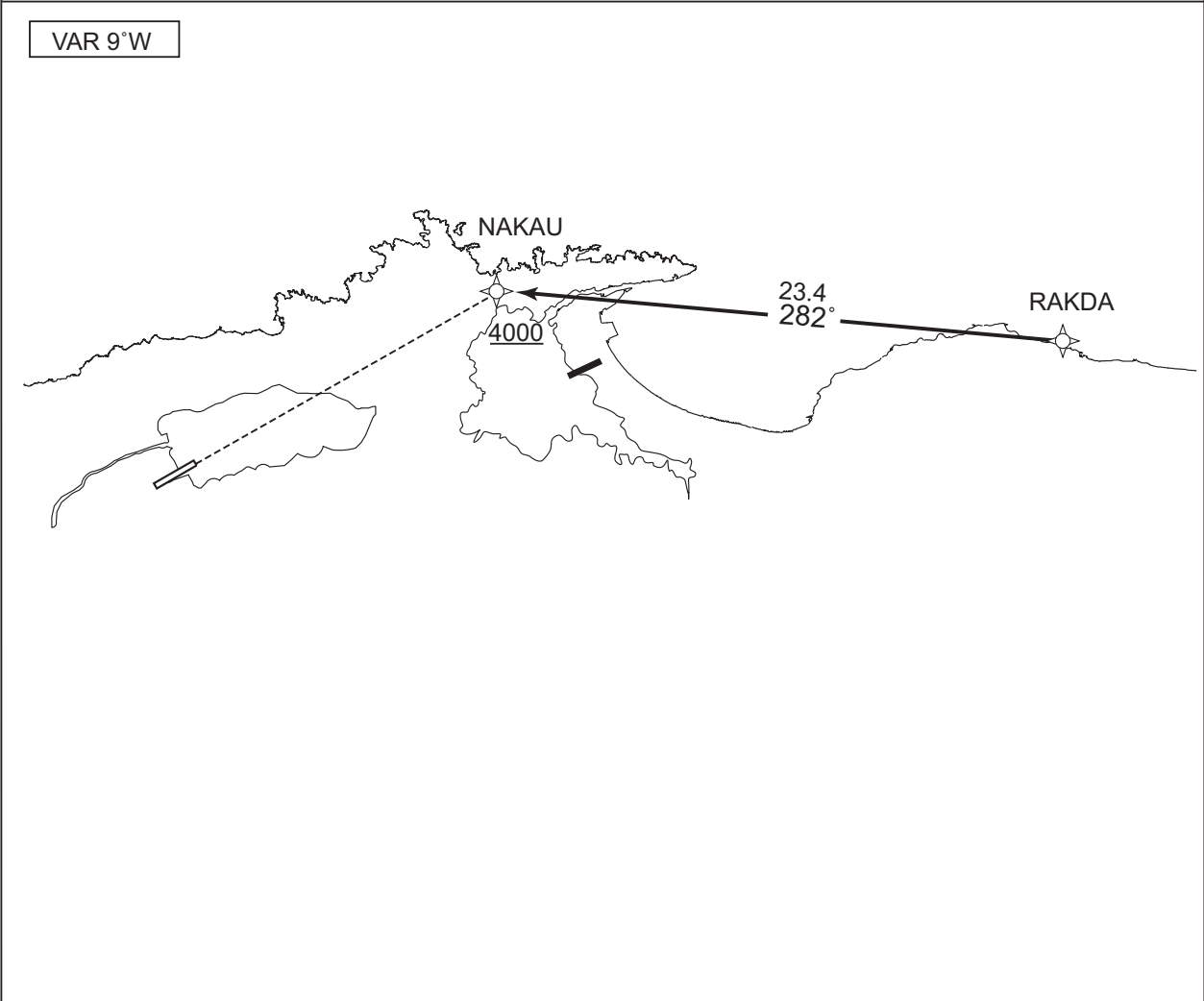
STANDARD ARRIVAL CHART - INSTRUMENT

RJOC / IZUMO

RNAV STAR RWY25

NAKAU ARRIVAL	RNP1
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Note GNSS required.



From RAKDA, to NAKAU at or above 4000FT.

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	RAKDA	—	—	-8.6	—	—	—	—	—	RNP1
002	TF	NAKAU	—	282 (273.9)	-8.6	23.4	—	+4000	—	—	RNP1

Waypoint Coordinates

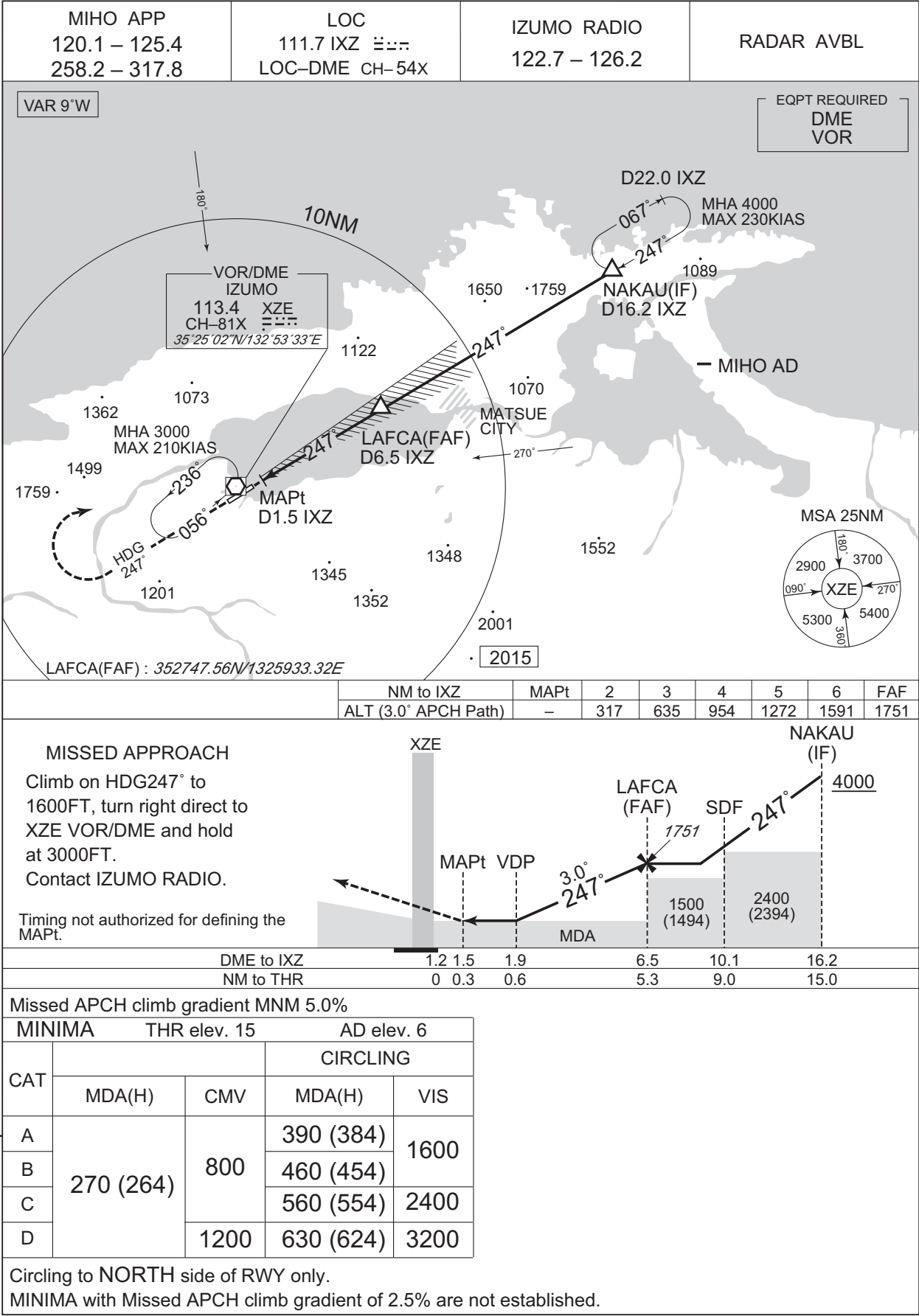
Waypoint Identifier	Coordinates
RAKDA	353110.1N / 1333824.3E
NAKAU	353242.3N / 1330946.6E

CHANGE : Waypoint Coordinates added. Description of latitude and longitude.

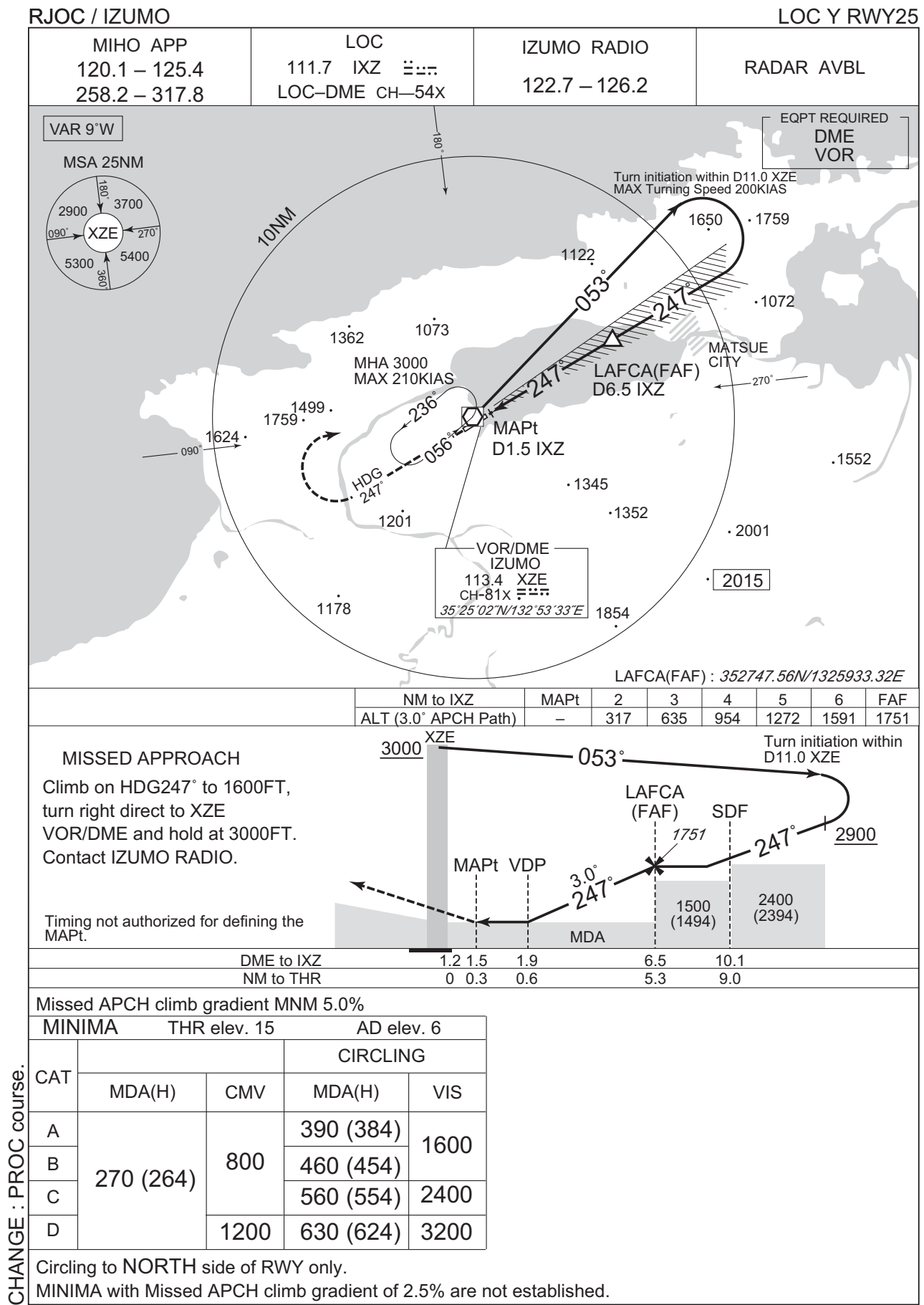
INSTRUMENT APPROACH CHART

RJOC / IZUMO

LOC Z RWY25



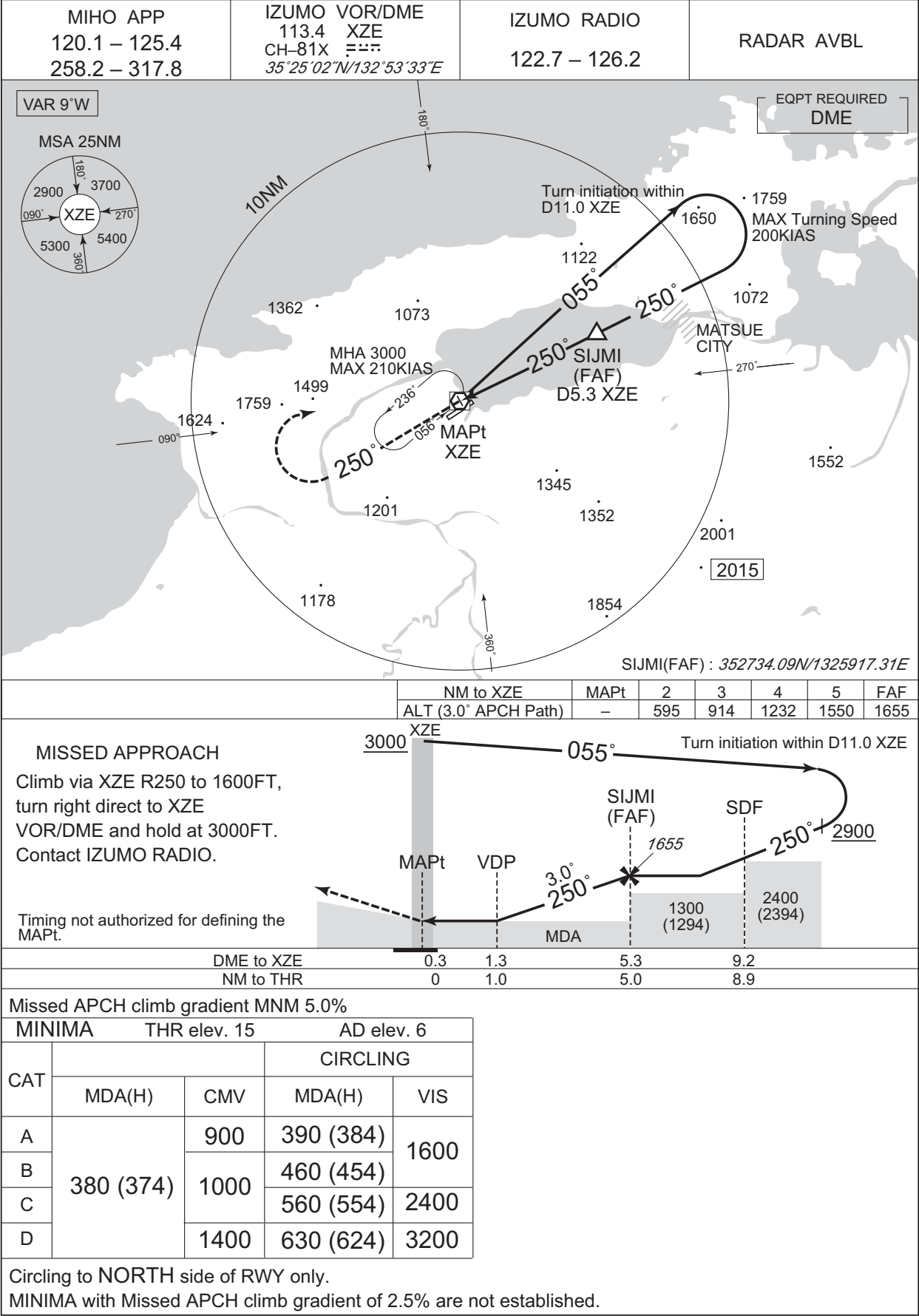
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJOC / IZUMO

VOR RWY25



CHANGE : PROC course.

RJOC / IZUMO

MIHO APP 120.1 – 125.4 258.2 – 317.8	RNP APCH MSAS CH80943 M07A	IZUMO RADIO 122.7 – 126.2	RADAR AVBL
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Baro-VNAV not authorized below -10°C

VAR 9°W

OKUNI	352412.59N
(IAF)	1323743.79E
SUSAR	351355.52N
(IAF)	1325118.61E
ENMUH	351352.39N
	1324512.46E
OC750	351627.49N
	1324320.47E
SUBIE	351902.56N
(IF)	1324128.37E
ENYAH	352135.67N
(FAF)	1324643.83E
OC751	352255.02N
	1324927.62E
RW07	352432.83N
(MAPt)	1325249.80E
OC753	352751.24N
(MATF)	1325940.95E
IZUMO	352502.06N
(XZE)	1325332.54E
(MAHF)	

Using NAVAID

MHA 4000
Maximum holding altitude 6000
MAX 210KIAS

Using NAVAID

MHA 4300
Maximum holding altitude 7000
MAX 210KIAS

RNAV HLDG							
MHA 3000 MAX 210KIAS							
1MIN 242°							
NOT TO SCALE							
	NM to Next Fix	FAF	5	4	3	2	MAPt
	ALT (3.0' APCH Path)	1900	1647	1329	1010	692	—

MISSED APPROACH
 Direct to **OC753**, turn left,
 direct to **XZE** and hold at 3000FT.
 Contact **IZUMO RADIO**.

MINIMA		THR elev. 6		AD elev. 6		
CAT	LPV	CMV	LNAV/VNAV	LNAV	CIRCLING	
	DA(H)					MDA(H)
A	256 (250)	1500	349 (343)	480 (474)	480 (474)	
B					2000	560 (554)
C						2400
D						630 (624)

Circling to NORTH side of RWY only.
 MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : HLDG pattern for Using NAVAID.

INSTRUMENT APPROACH CHART

RJOC / IZUMO

RNP RWY07

FAS DATA BLOCK			
Operation type	0	LTP/FTP ellipsoidal height	+00360
SBAS service provider identifier	2	FPAP latitude	352505.7945N
Airport identifier	RJOC	FPAP longitude	1325358.0770E
Runway	07	Threshold crossing height	00015.0
Approach performance designator	0	TCH units selector	1
Route indicator		Glide path angle	03.00
Reference path data selector	0	Course width at threshold	105.00
Reference path ID	M07A	∠ length offset	0000
LTP/FTP latitude	352432.8070N	HAL	40.0
LTP/FTP longitude	1325249.8095E	VAL	50.0
CRC remainder	30102B24		

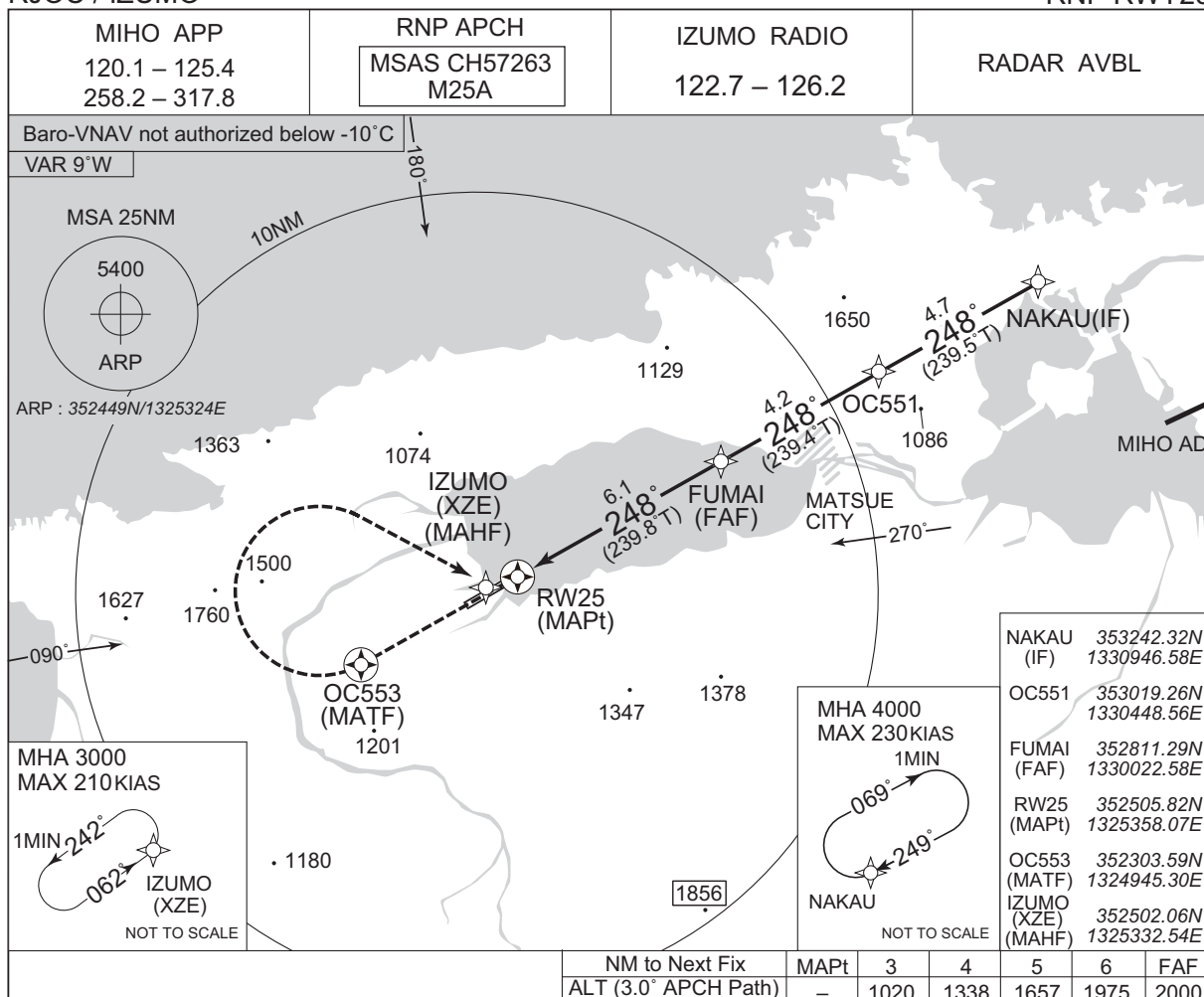
Required additional data	
LTP/FTP orthometric height	1.4

CHANGE : FAS DATA BLOCK, Required additional data established.

INSTRUMENT APPROACH CHART

RJOC / IZUMO

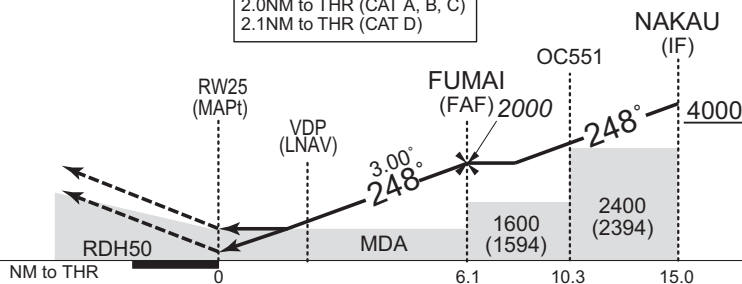
RNP RWY25



MISSED APPROACH

Direct to OC553, turn right,
direct to XZE and hold at 3000FT.
Contact IZUMO RADIO.

VDP
2.0NM to THR (CAT A, B, C)
2.1NM to THR (CAT D)



Missed APCH climb gradient MNM 5.0%

MINIMA			THR elev. 15				AD elev. 6		
CAT	LPV		LNAV/VNAV		LNAV		CIRCLING		
	DA(H)	CMV	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS	
A	265 (250)	800	370 (355)	900	670 (664)	1200	670 (664)	1600	
B				1000		1400		2400	
C									
D		1200	405 (390)	1400	710 (704)	1800	710 (704)	3200	

Circling to NORTH side of RWY only.

MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : DIST FM FUMAI to RW25 in plan view.

INSTRUMENT APPROACH CHART

RJOC / IZUMO

RNP RWY25

FAS DATA BLOCK

Operation type	0	LTP/FTP ellipsoidal height	+00389
SBAS service provider identifier	2	FPAP latitude	352432.8070N
Airport identifier	RJOC	FPAP longitude	1325249.8095E
Runway	25	Threshold crossing height	00015.0
Approach performance designator	0	TCH units selector	1
Route indicator		Glide path angle	03.00
Reference path data selector	0	Course width at threshold	105.00
Reference path ID	M25A	∟ length offset	0000
LTP/FTP latitude	352505.7945N	HAL	40.0
LTP/FTP longitude	1325358.0770E	VAL	50.0
CRC remainder	F401BF48		

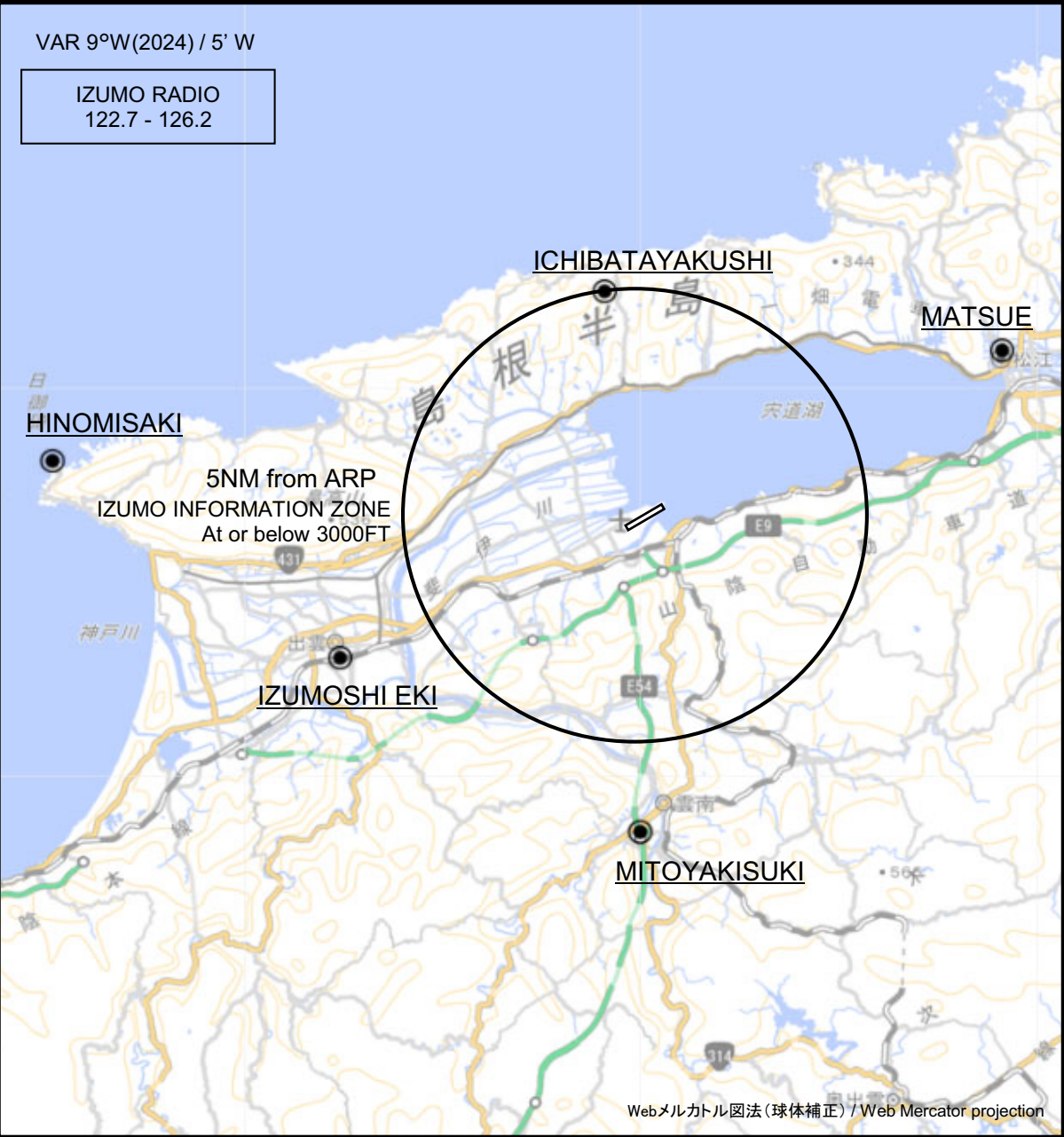
Required additional data

LTP/FTP orthometric height	4.3
----------------------------	-----

CHANGE : FAS DATA BLOCK, Required additional data established.

RJOC / IZUMO

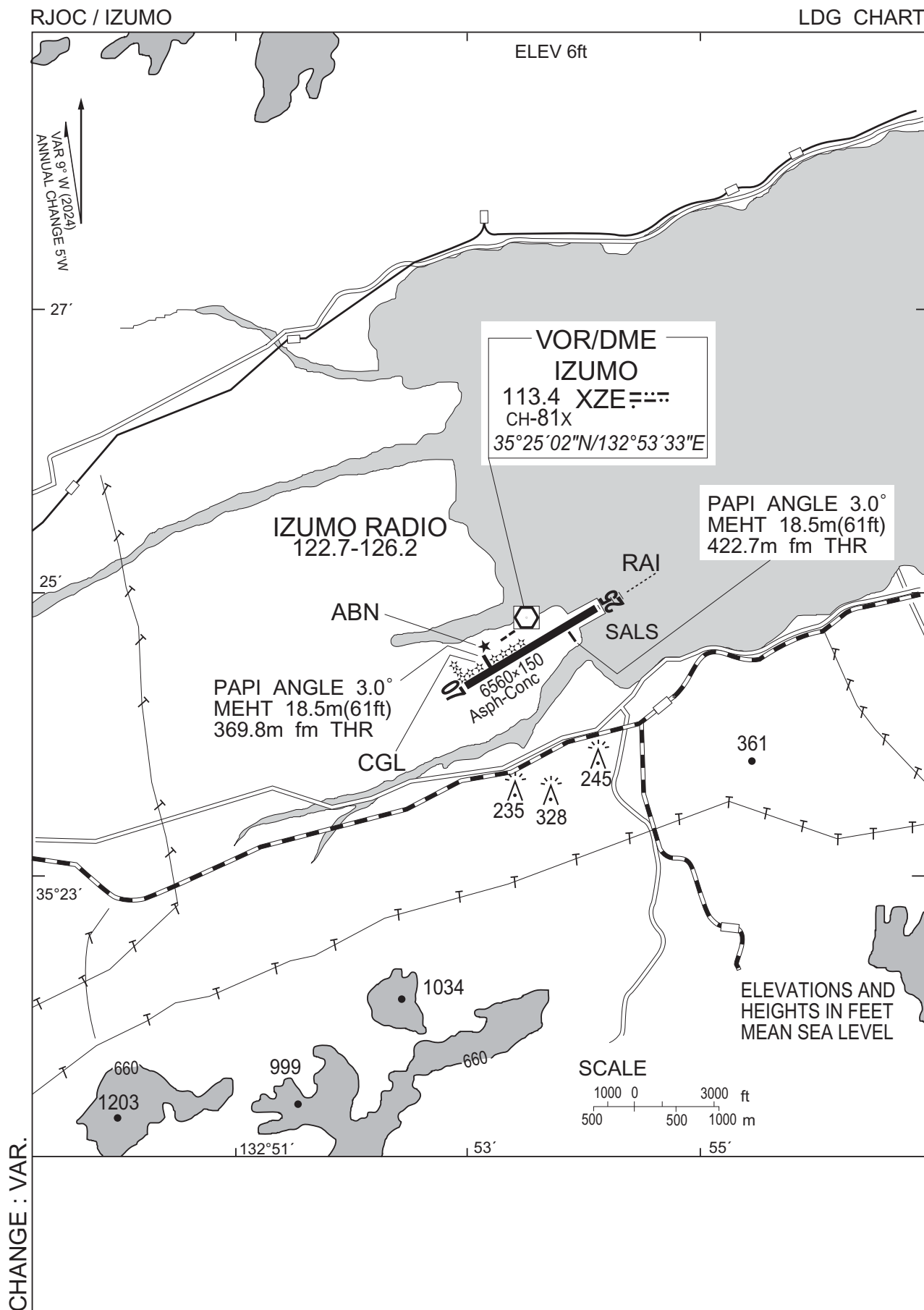
Visual REP



※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 : VAR.

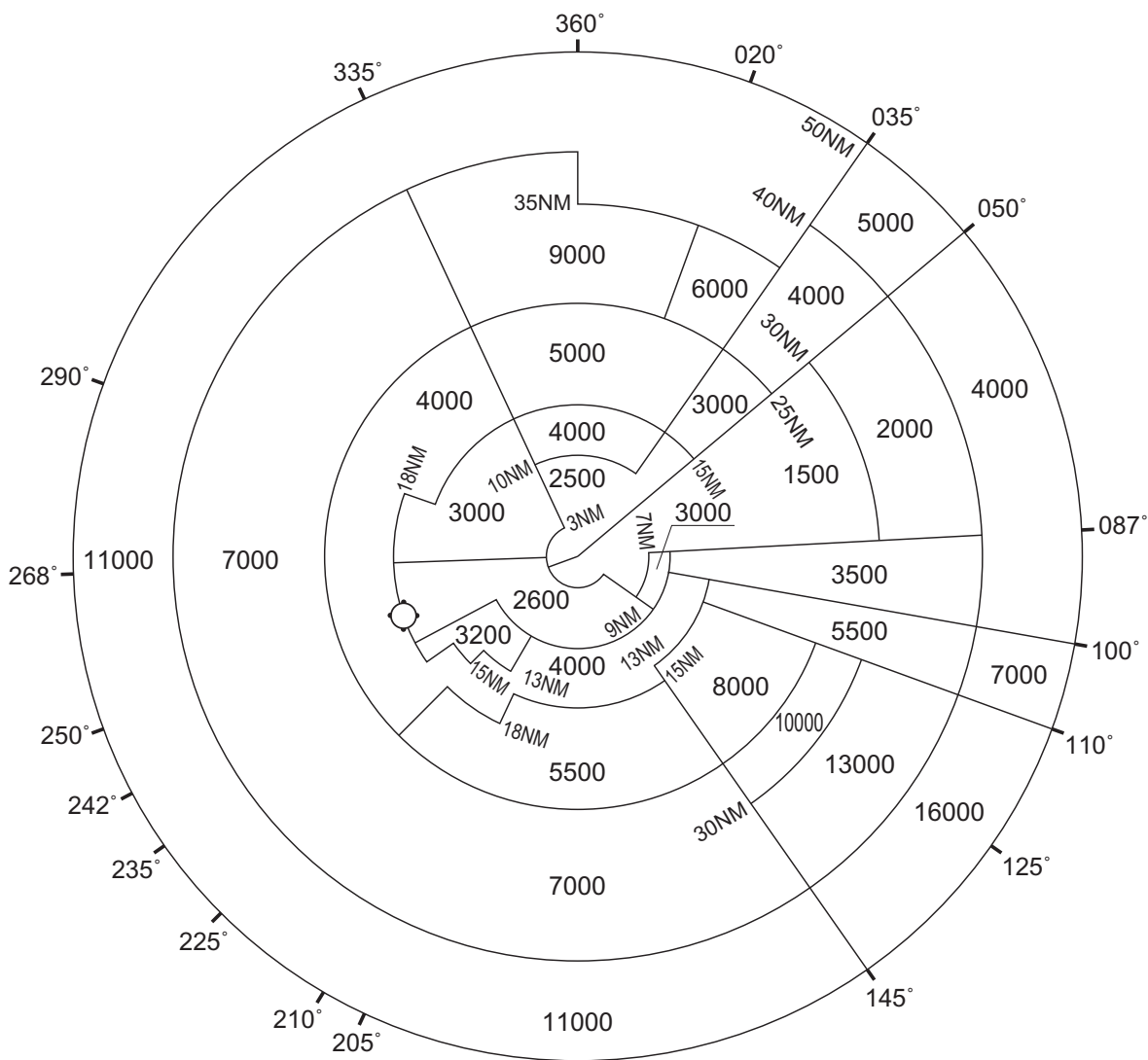
Call sign	BRG / DIST from ARP	Remarks
一畑薬師 Ichibatayakushi	351°T / 5.0NM	寺 Temple
松江 Matsue	064°T / 8.7NM	城 Castle
日御碕 Hinomisaki	275°T / 12.8NM	灯台 Lighthouse
出雲市駅 Izumoshi Eki	244°T / 7.2NM	JR駅 Station
三刀屋木次 Mitoyakisuki	180°T / 7.0NM	IC Interchange



RJOC / IZUMO

Minimum Vectoring Altitude CHART

VAR 9°W (2024)



CENTER: 353003N/1331413E (RJOC RADAR SITE)

CHANGE : VAR.