

RJOC / IZUMO

AD CHART



STANDARD DEPARTURE CHART -INSTRUMENT

RJOC / IZUMO

SID

DOZEN FOUR DEPARTURE

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

RWY25 : Climb RWY HDG to 1700FT, turn right HDG077°...

... to intercept and proceed via XZE R032(OIE R213) to DOZEN.

Cross DOZEN at or above 5000FT.

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

OBST ALT 1074FT located at 4.8NM 028° FM end of RWY07.

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

OBST ALT 1838FT located at 6.3NM 279° FM end of RWY25.



STANDARD DEPARTURE CHART -INSTRUMENT

RJOC / IZUMO

SID

IZUMO REVERSAL FOUR DEPARTURE

RWY07 : Climb RWY HDG to 500FT, turn left to intercept and proceed via XZE R032 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 R260 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.

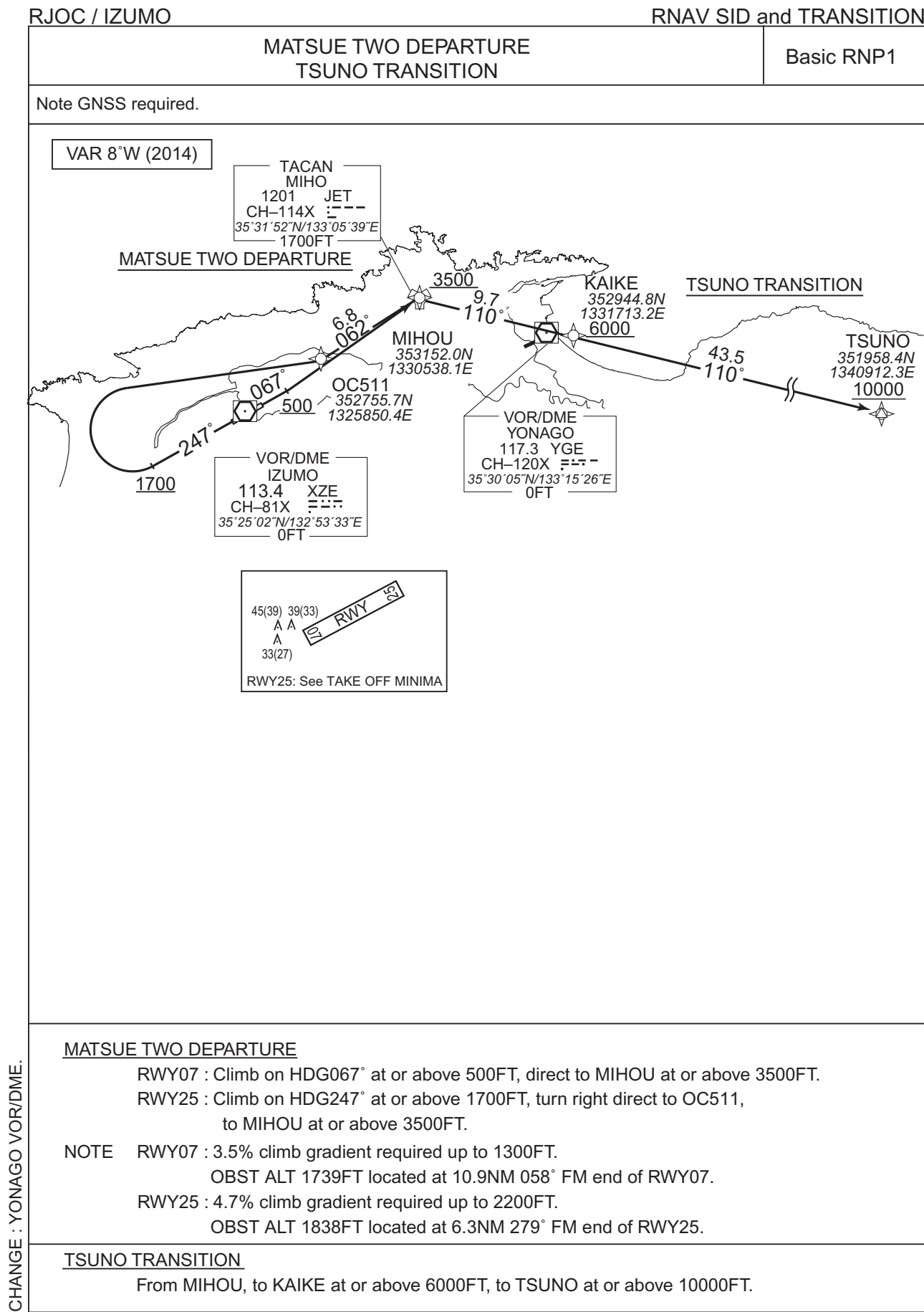
OBST ALT 1074FT located at 4.8NM 028° FM end of RWY07.

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

OBST ALT 1838FT located at 6.3NM 279° FM end of RWY25.

IZUMO REVERSAL FOUR DEPARTURE

STANDARD DEPARTURE CHART - INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT

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RNAV SID and TRANSITION

MATSUE 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	—	—	067 (059.3)	-7.6	—	—	+500	—	—	Basic RNP1
002	DF	MIHOU	—	—	-7.6	—	—	+3500	—	—	Basic RNP1

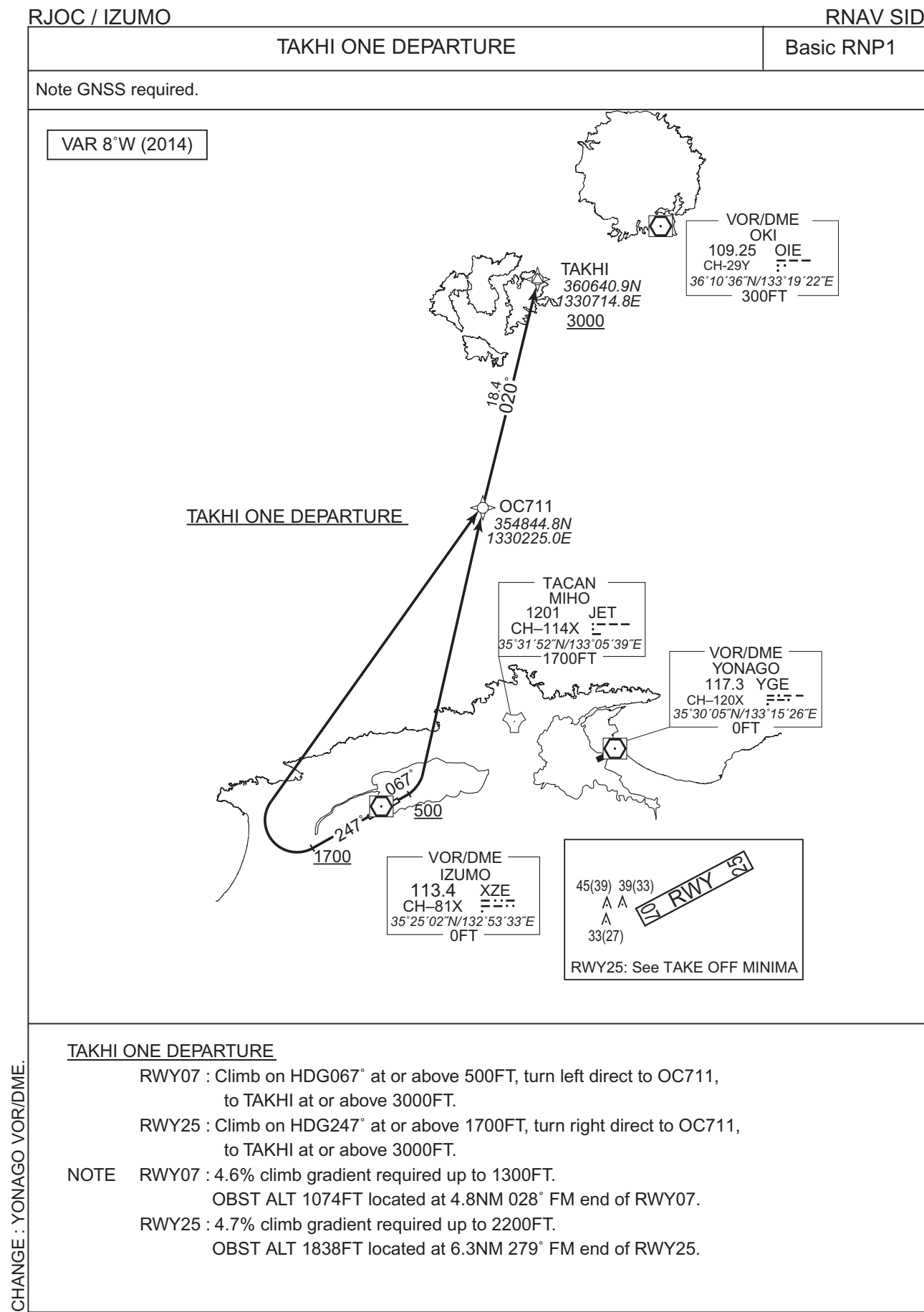
RWY25

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	—	—	247 (239.3)	-7.6	—	—	+1700	—	—	Basic RNP1
002	DF	OC511	—	—	-7.6	—	R	—	—	—	Basic RNP1
003	TF	MIHOU	—	062 (054.5)	-7.6	6.8	—	+3500	—	—	Basic 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	—	—	-7.6	—	—	+3500	—	—	Basic RNP1
002	TF	KAIKE	—	110 (102.6)	-7.6	9.7	—	+6000	—	—	Basic RNP1
003	TF	TSUNO	—	110 (102.7)	-7.6	43.5	—	+10000	—	—	Basic RNP1

STANDARD DEPARTURE CHART - INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID

TAKHI ONE 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	—	—	067 (059.3)	-7.6	—	—	+500	—	—	Basic RNP1
002	DF	OC711	—	—	-7.6	—	L	—	—	—	Basic RNP1
003	TF	TAKHI	—	020 (012.3)	-7.6	18.4	—	+3000	—	—	Basic 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	—	—	247 (239.3)	-7.6	—	—	+1700	—	—	Basic RNP1
002	DF	OC711	—	—	-7.6	—	R	—	—	—	Basic RNP1
003	TF	TAKHI	—	020 (012.3)	-7.6	18.4	—	+3000	—	—	Basic RNP1

STANDARD DEPARTURE CHART - INSTRUMENT

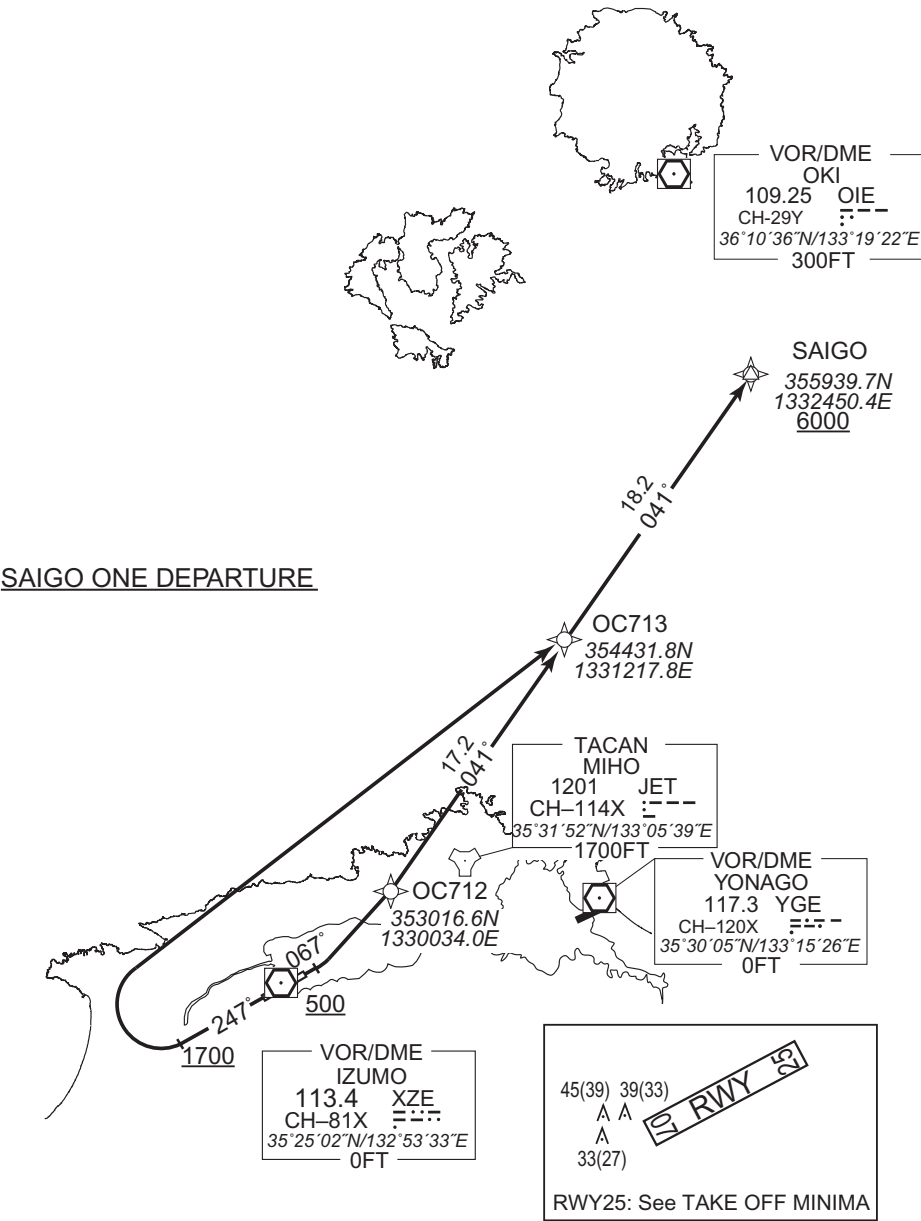
RJOC / IZUMO

RNAV SID

SAIGO ONE DEPARTURE	Basic RNP1
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Note GNSS required.

VAR 8°W (2014)



CHANGE : YONAGO VOR/DME.

SAIGO ONE DEPARTURE

- RWY07 : Climb on HDG067° at or above 500FT, turn left direct to OC712, to OC713, to SAIGO at or above 6000FT.
- RWY25 : Climb on HDG247° 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 044° FM end of RWY07.
- RWY25 : 4.7% climb gradient required up to 2200FT.
OBST ALT 1838FT located at 6.3NM 279° FM end of RWY25.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID

SAIGO ONE DEPARTURE

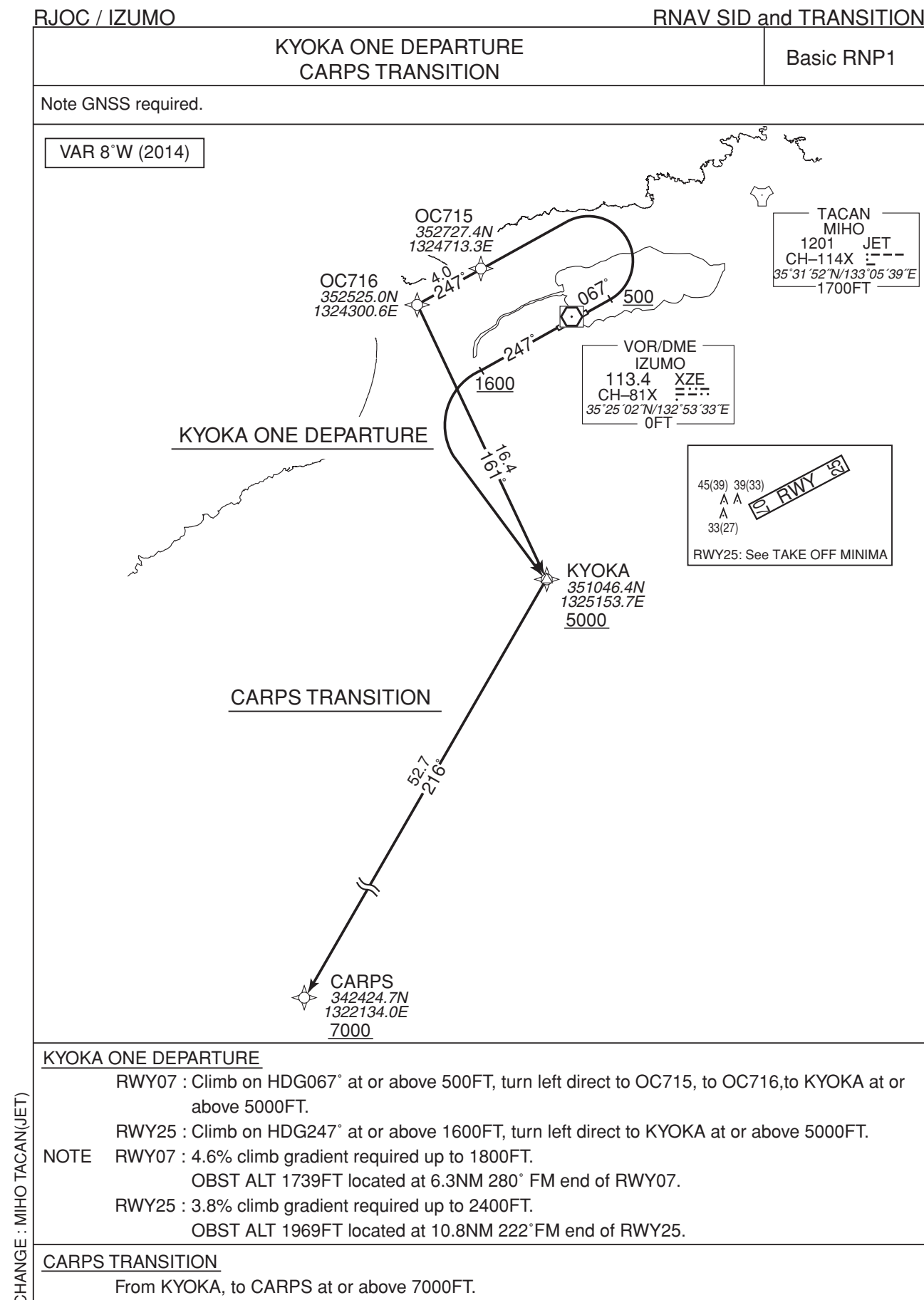
RWY07

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	—	—	067 (059.3)	-7.6	—	—	+500	—	—	Basic RNP1
002	DF	OC712	—	—	-7.6	—	L	—	—	—	Basic RNP1
003	TF	OC713	—	041 (033.7)	-7.6	17.2	—	—	—	—	Basic RNP1
004	TF	SAIGO	—	041 (033.8)	-7.6	18.2	—	+6000	—	—	Basic 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	—	—	247 (239.3)	-7.6	—	—	+1700	—	—	Basic RNP1
002	DF	OC713	—	—	-7.6	—	R	—	—	—	Basic RNP1
003	TF	SAIGO	—	041 (033.8)	-7.6	18.2	—	+6000	—	—	Basic RNP1

STANDARD DEPARTURE CHART - INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID and TRANSITION

KYOKA ONE 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	—	—	067 (059.3)	-7.6	—	—	+500	—	—	Basic RNP1
002	DF	OC715	—	—	-7.6	—	L	—	—	—	Basic RNP1
003	TF	OC716	—	247 (239.3)	-7.6	4.0	—	—	—	—	Basic RNP1
004	TF	KYOKA	—	161 (153.6)	-7.6	16.4	—	+5000	—	—	Basic 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	—	—	247 (239.3)	-7.6	—	—	+1600	—	—	Basic RNP1
002	DF	KYOKA	—	—	-7.6	—	L	+5000	—	—	Basic 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	—	—	-7.6	—	—	+5000	—	—	Basic RNP1
002	TF	CARPS	—	216 (208.4)	-7.6	52.7	—	+7000	—	—	Basic RNP1

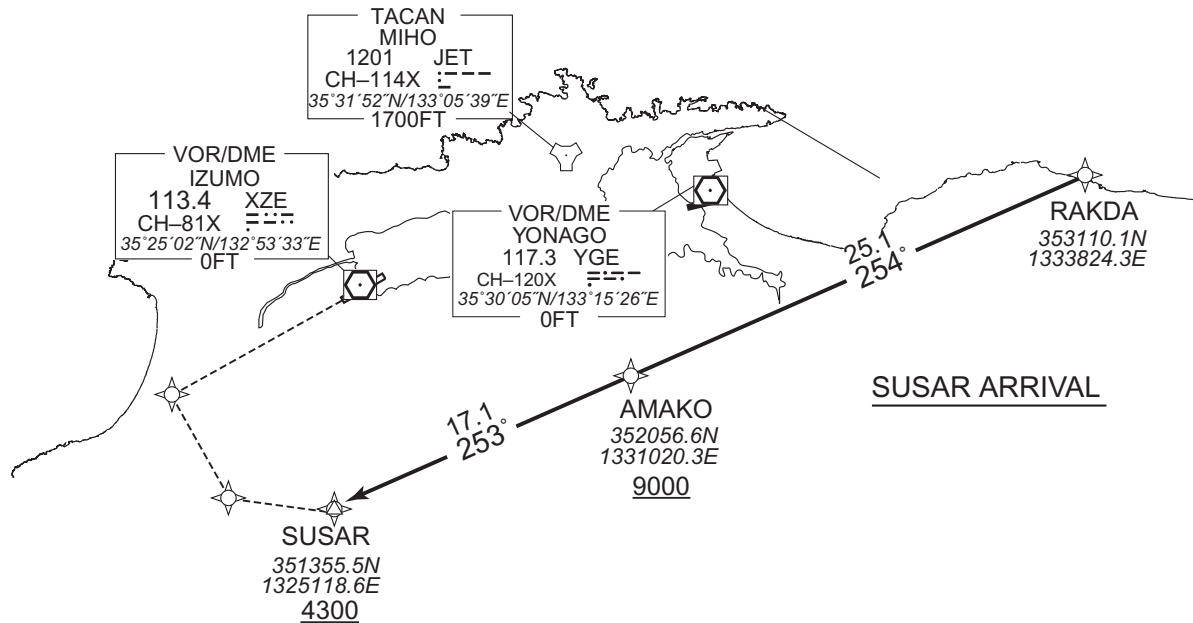
STANDARD ARRIVAL CHART - INSTRUMENT

RJOC / IZUMO RNAV STAR RWY07

SUSAR ARRIVAL	Basic RNP1
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Note GNSS required.

VAR 8°W (2014)



SUSAR ARRIVAL

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	—	—	-7.6	—	—	—	—	—	Basic RNP1
002	TF	AMAKO	—	254 (246.0)	-7.6	25.1	—	+9000	—	—	Basic RNP1
003	TF	SUSAR	—	253 (245.8)	-7.6	17.1	—	+4300	—	—	Basic RNP1

CHANGE : YONAGO VOR/DME.

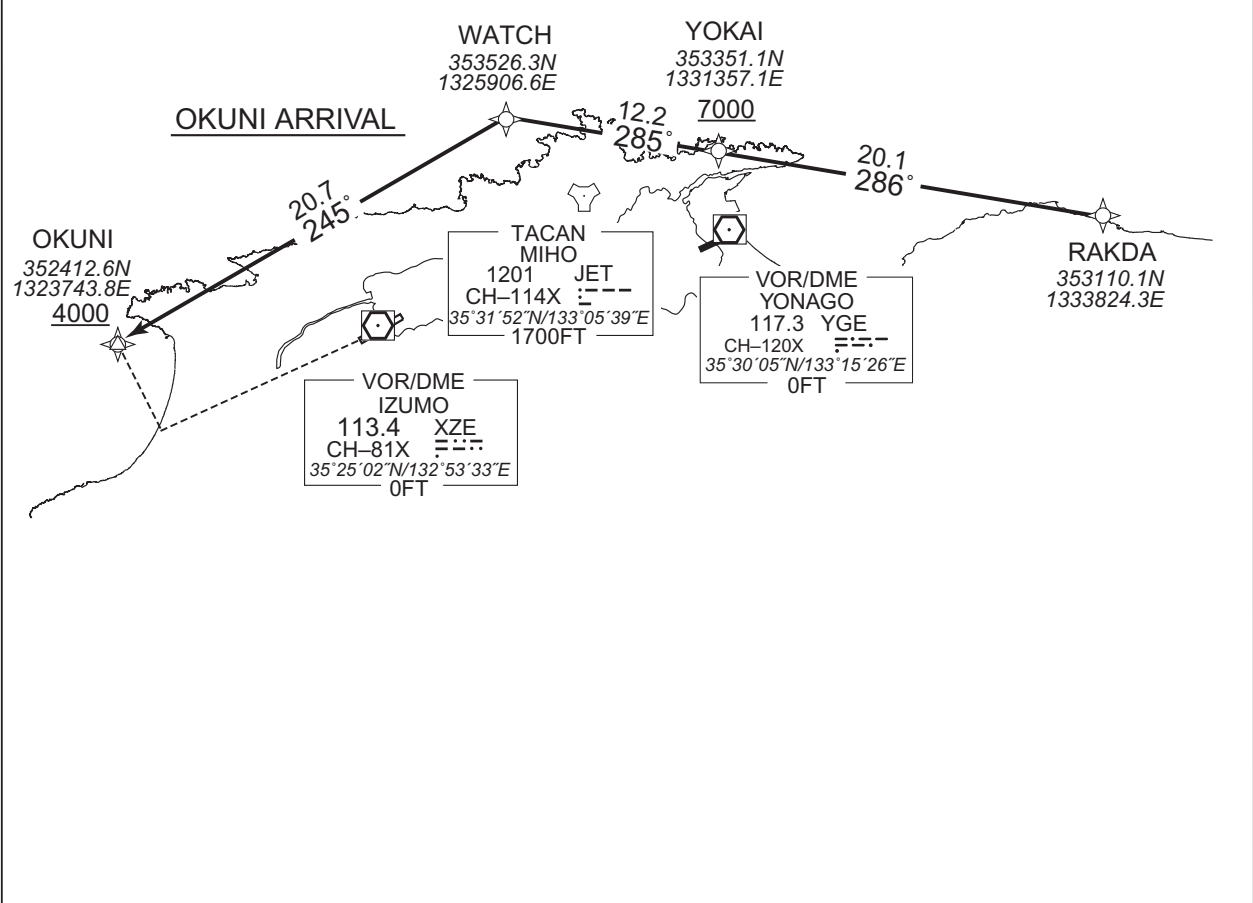
STANDARD ARRIVAL CHART - INSTRUMENT

RJOC / IZUMO RNAV STAR RWY07

OKUNI ARRIVAL Basic RNP1

Note GNSS required.

VAR 8°W (2016)



OKUNI ARRIVAL

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	—	—	-7.9	—	—	—	—	—	Basic RNP1
002	TF	YOKAI	—	286 (277.8)	-7.9	20.1	—	+7000	—	—	Basic RNP1
003	TF	WATCH	—	285 (277.6)	-7.9	12.2	—	—	—	—	Basic RNP1
004	TF	OKUNI	—	245 (237.3)	-7.9	20.7	—	+4000	—	—	Basic RNP1

CHANGE : YONAGO VOR/DME.

STANDARD ARRIVAL CHART - INSTRUMENT

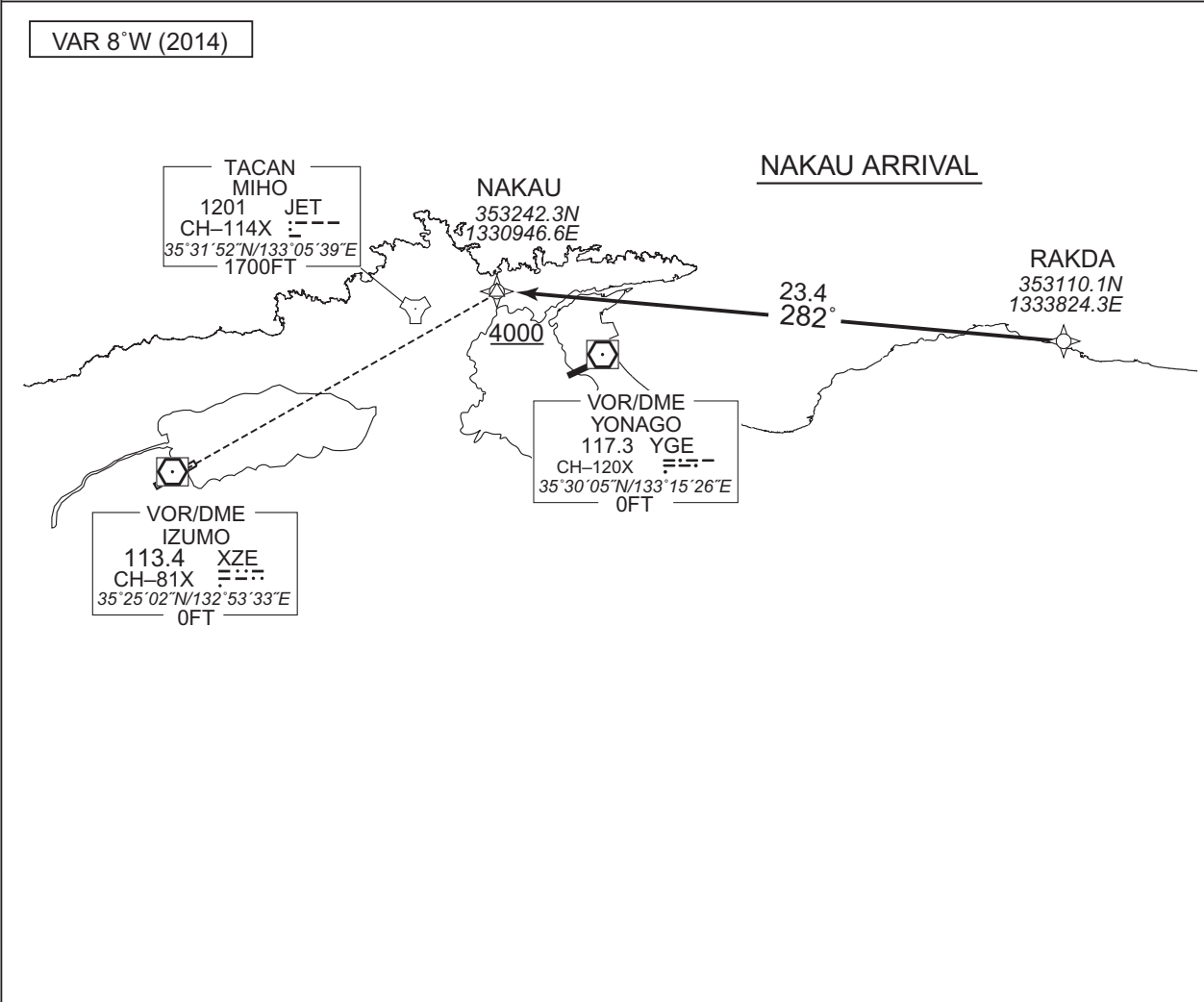
RJOC / IZUMO

RNAV STAR RWY25

NAKAU ARRIVAL

Basic RNP1

Note GNSS required.



NAKAU ARRIVAL

From RAKDA, to NAKAU at or above 4000FT.

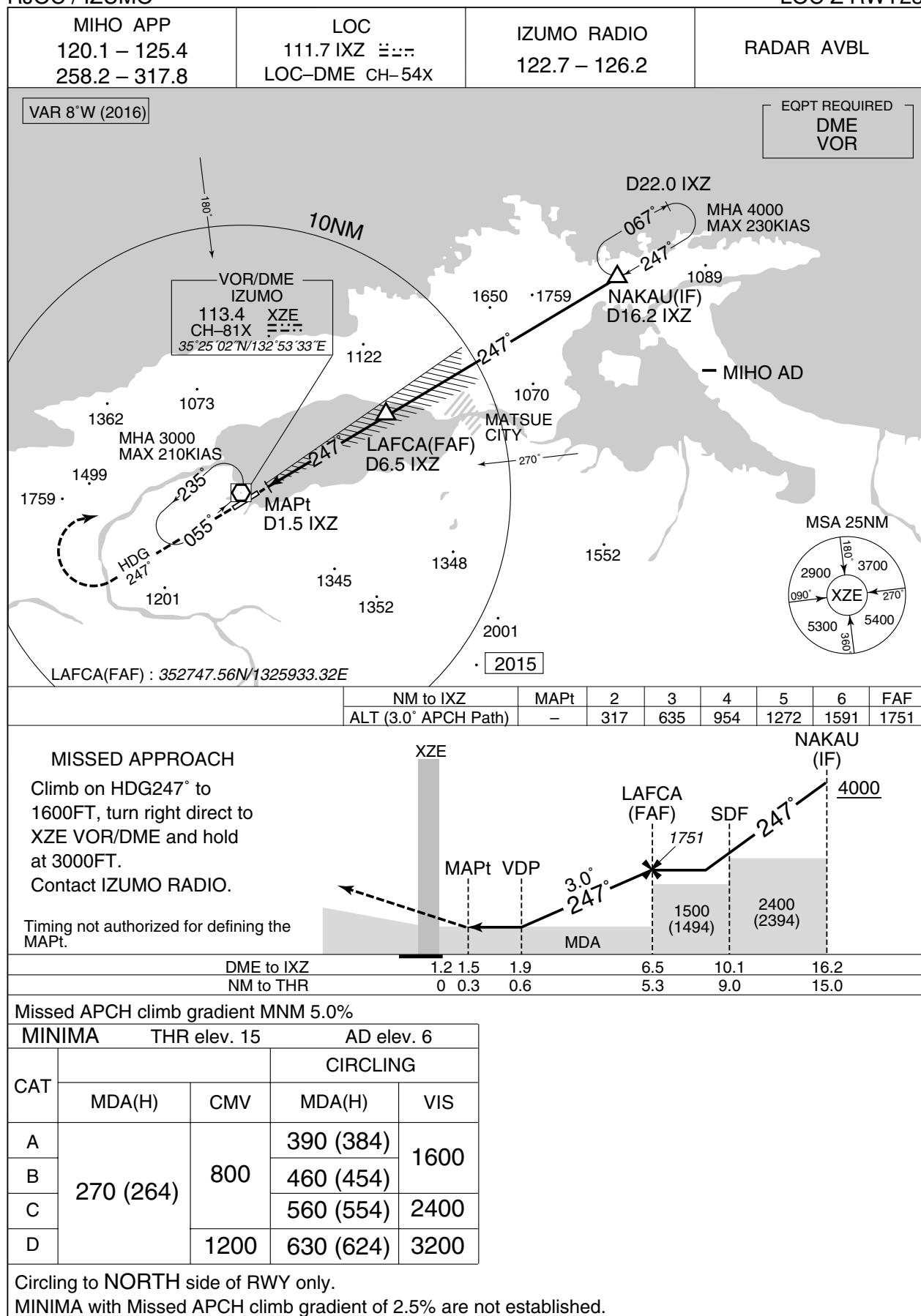
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	RAKDA	—	—	-7.6	—	—	—	—	—	Basic RNP1
002	TF	NAKAU	—	282 (273.9)	-7.6	23.4	—	+4000	—	—	Basic RNP1

CHANGE : YONAGO VOR/DME.

INSTRUMENT APPROACH CHART

RJOC / IZUMO

LOC Z RWY25



INSTRUMENT APPROACH CHART

RJOC / IZUMO

LOC Y RWY25



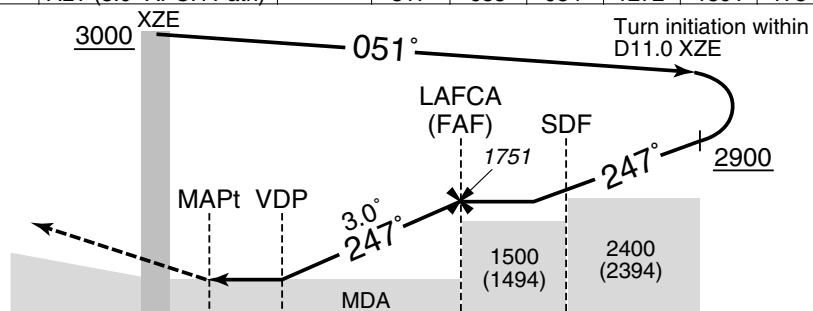
LAFCA(FAF) : 352747.56N/1325933.32E

NM to IXZ	MAPt	2	3	4	5	6	FAF
ALT (3.0° APCH Path)	—	317	635	954	1272	1591	1751

MISSED APPROACH

Climb on HDG247° to 1600FT,
turn right direct to XZE
VOR/DME and hold at 3000FT.
Contact IZUMO RADIO.

Timing not authorized for defining the
MAPt.



DME to IXZ	1.2	1.5	1.9	6.5	10.1
NM to THR	0	0.3	0.6	5.3	9.0

Missed APCH climb gradient MNM 5.0%

MINIMA		THR elev. 15	AD elev. 6	
CAT	CIRCLING			
	MDA(H)	CMV	MDA(H)	VIS
A	270 (264)	800	390 (384)	1600
B			460 (454)	
C			560 (554)	
D		1200	630 (624)	3200

Circling to NORTH side of RWY only.

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

INSTRUMENT APPROACH CHART

RJOC / IZUMO

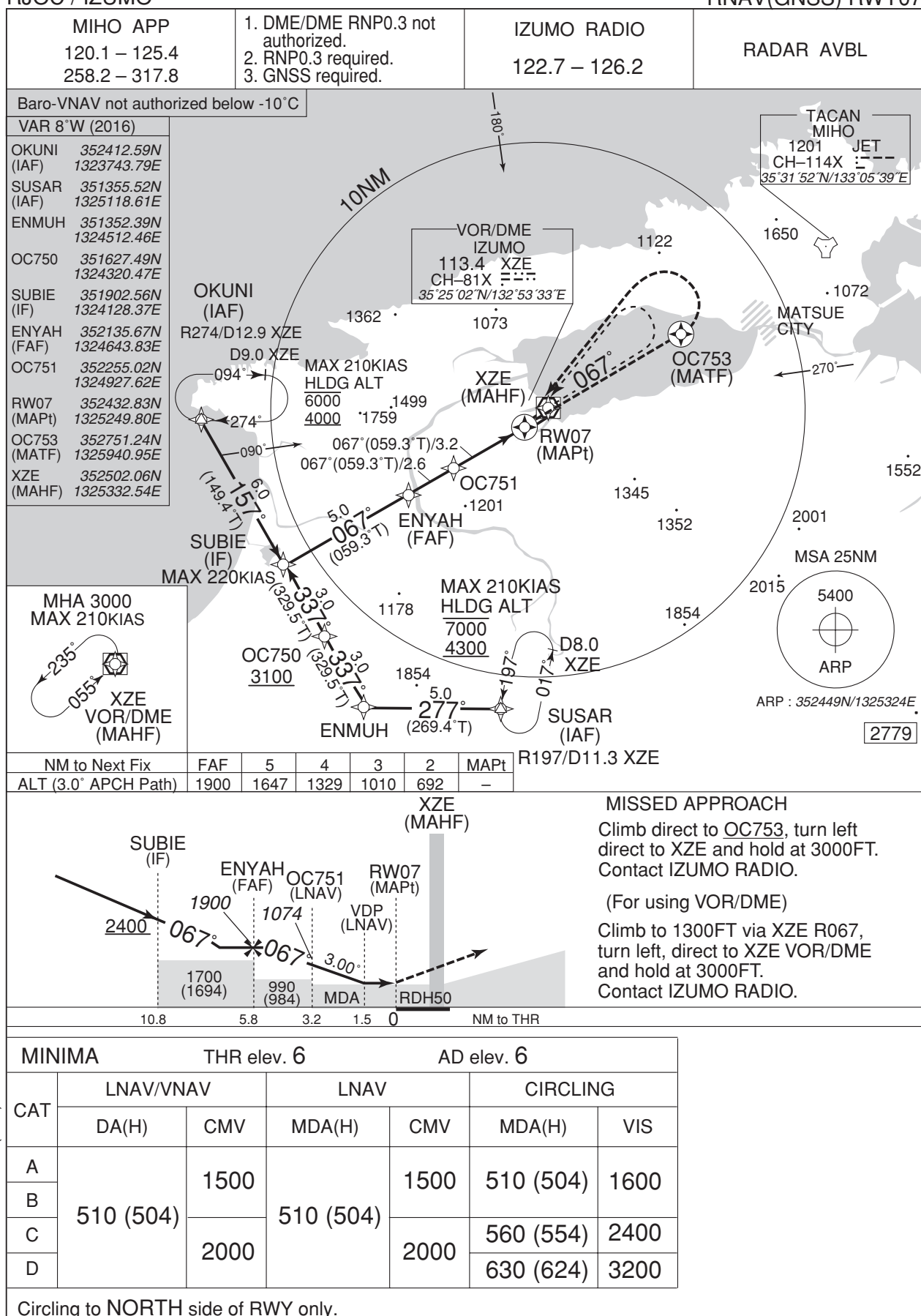
VOR RWY25



INSTRUMENT APPROACH CHART

RJOC / IZUMO

RNAV(GNSS) RWY07



CHANGE : MIHO TACAN(JET)

INSTRUMENT APPROACH CHART

RJOC / IZUMO

RNAV(GNSS) RWY25

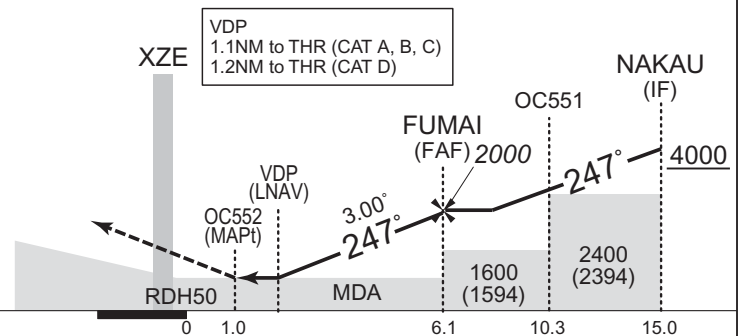


MISSED APPROACH

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

(For using VOR/DME)

Climb via XZE R247 to XZE 3.7DME, turn right direct to XZE VOR/DME and hold at 3000FT.
Contact IZUMO RADIO.



Missed APCH climb gradient MNM 5.0%

MINIMA		THR elev. 15		AD elev. 6		
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	400 (385)	900	400 (394)	900	400 (394)	1600
B		1000		1000	460 (454)	
C					560 (554)	
D	430 (415)	1400	430 (424)	1400	630 (624)	3200

Circling to NORTH side of RWY only.

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

CHANGE : YONAGO VOR/DME.

RJOC / IZUMO

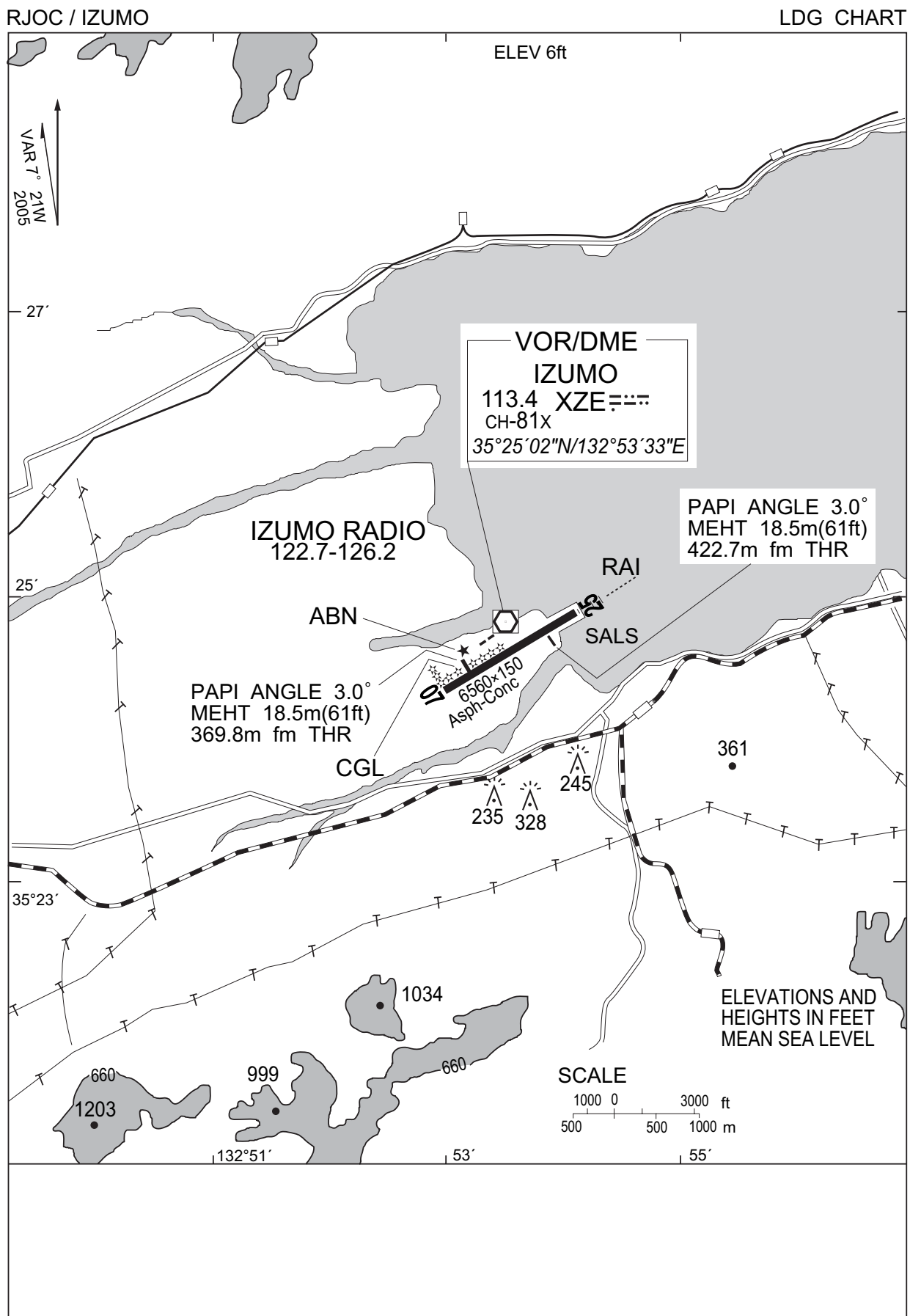
Visual REP



※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 : Map updated. BRG/DIST from ARP. Mitoyakisuki established. Kisuki abolished.

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 8°W (2013)



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