

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.

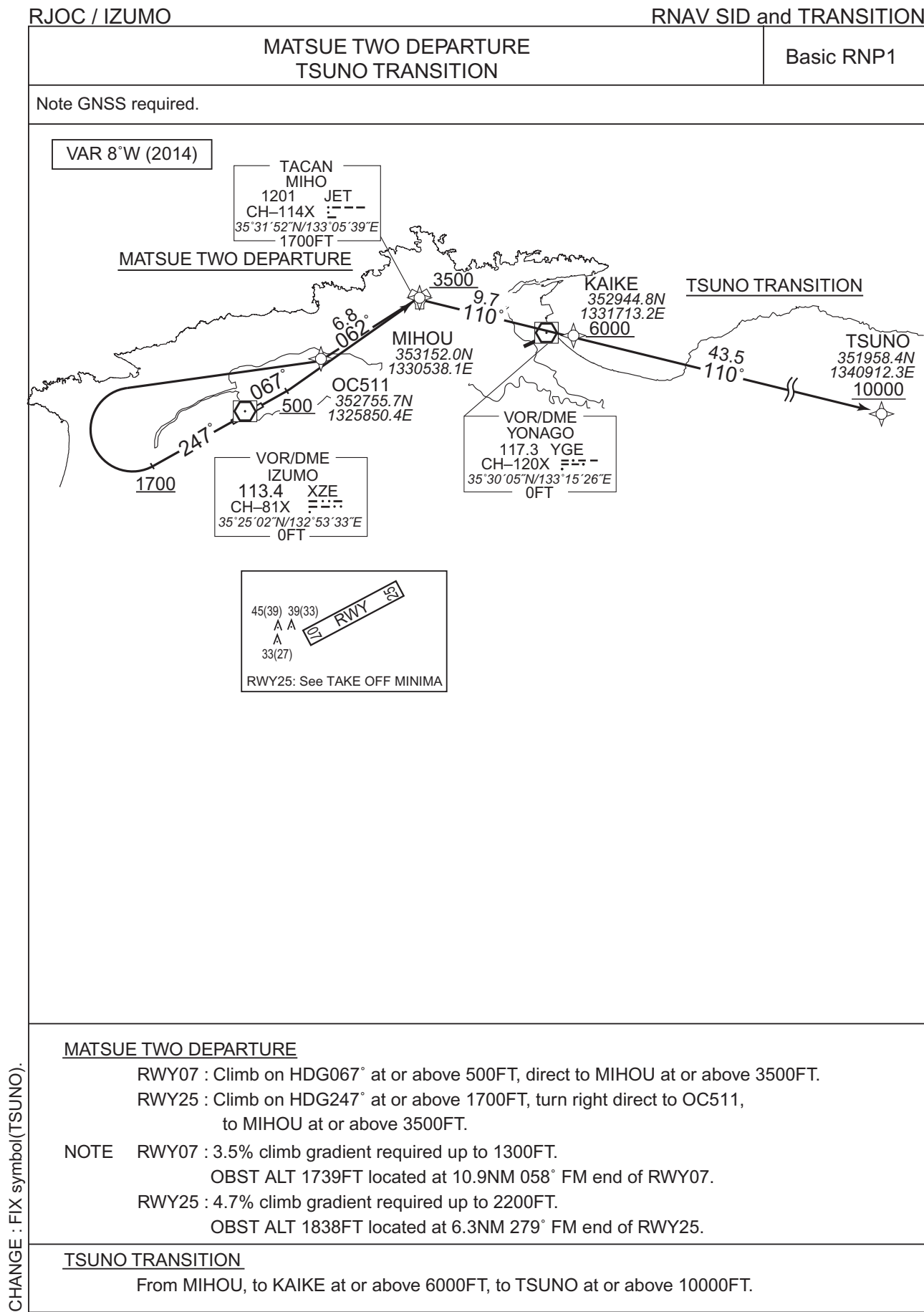
OBST ALT 1074FT located at 4.8NM 028° FM end of RWY07.

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



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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

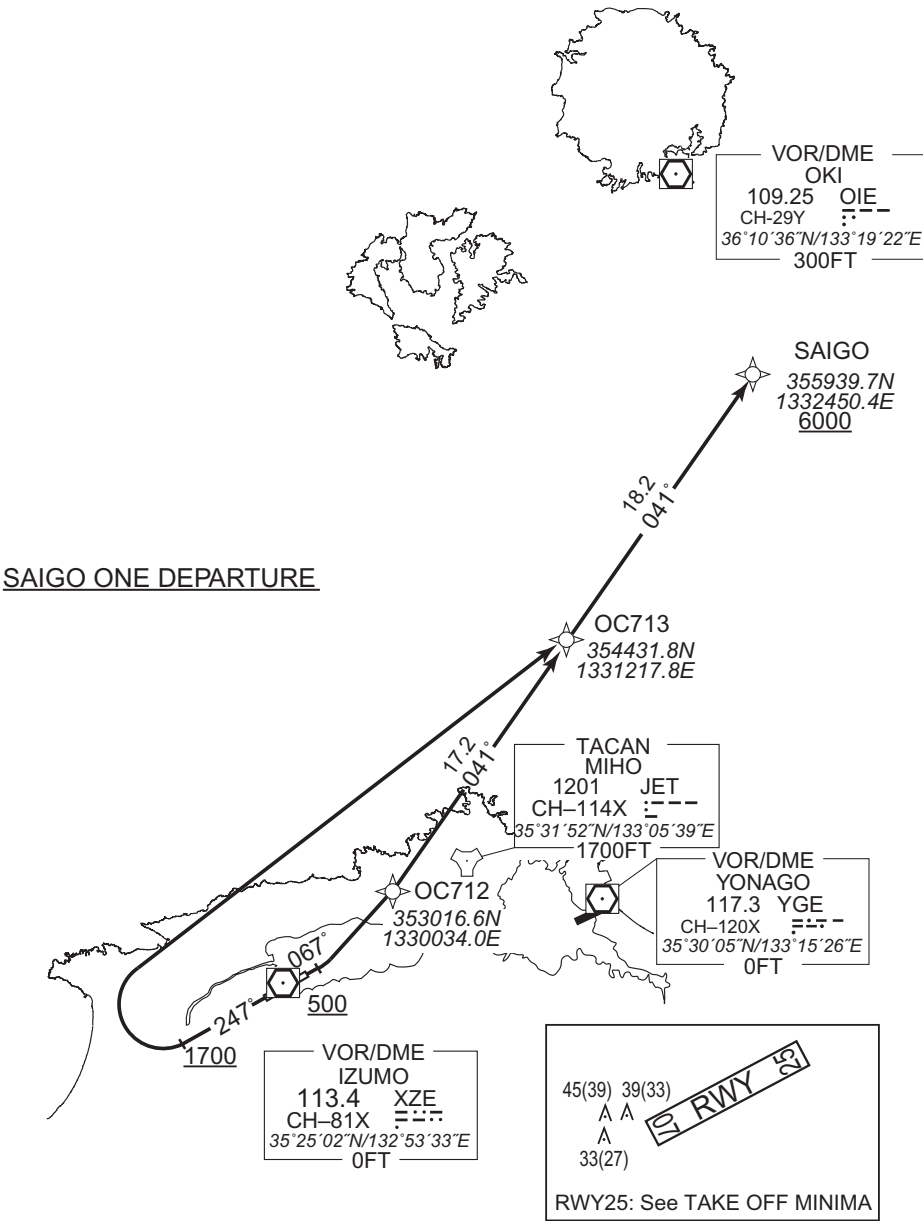
RNAV SID

SAIGO ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 8°W (2014)



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.

CHANGE : FIX symbol(SAIGO).

STANDARD DEPARTURE CHART - INSTRUMENT

RJOC / IZUMO

RNAV SID

SAIGO ONE DEPARTURE

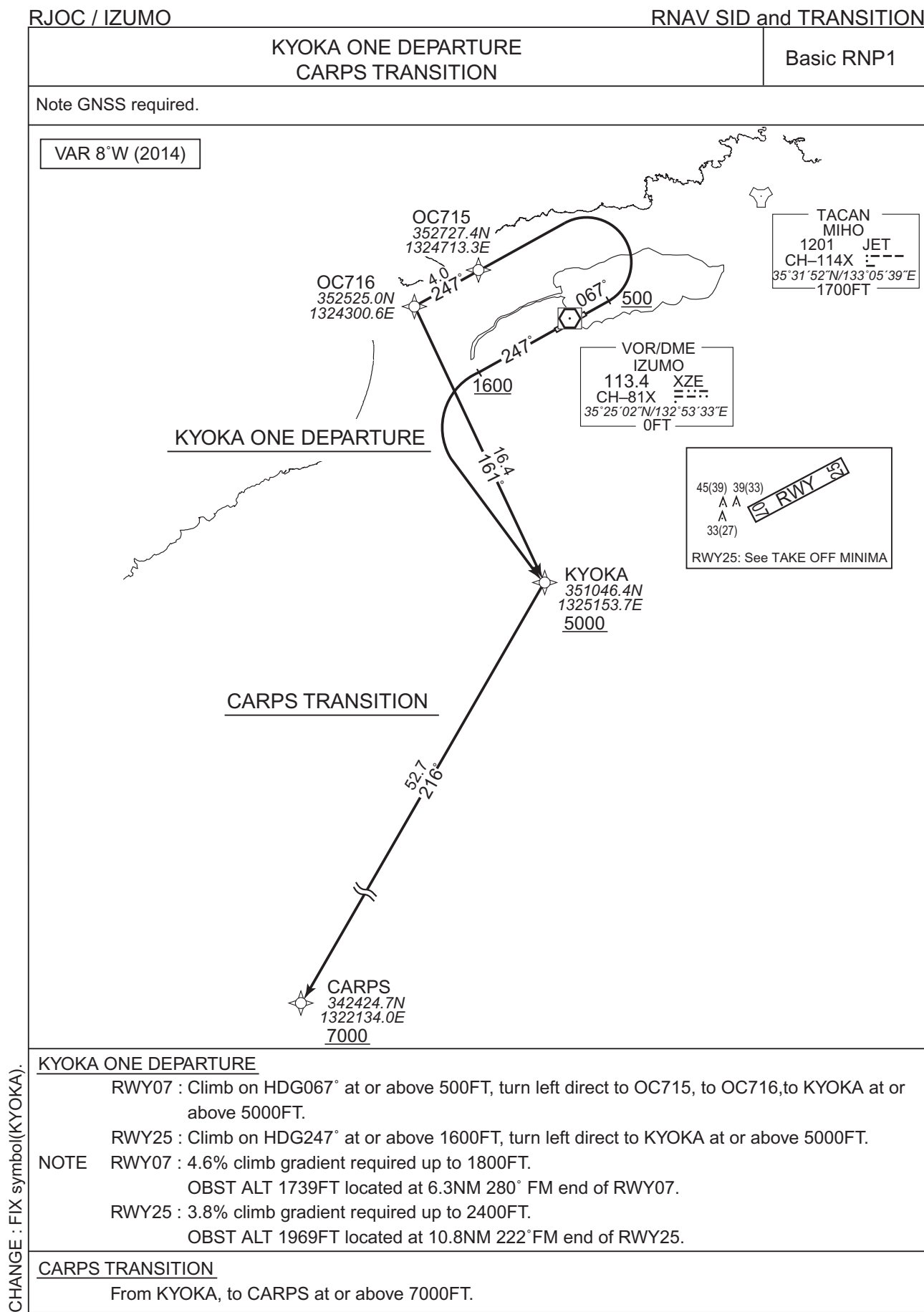
RWY07

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



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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



STANDARD ARRIVAL CHART - INSTRUMENT

RJOC / IZUMO

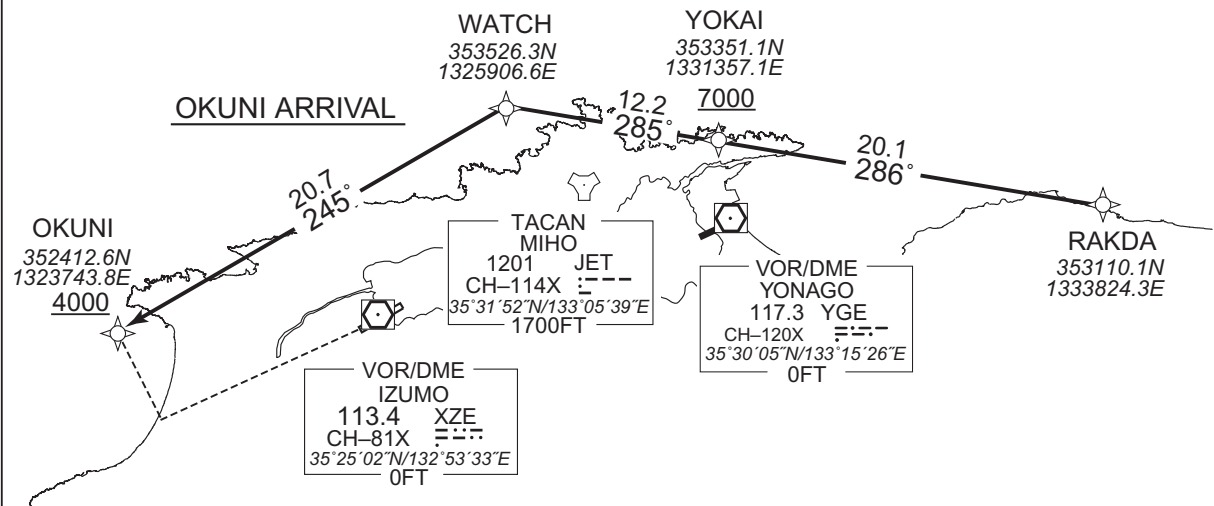
RNAV STAR RWY07

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

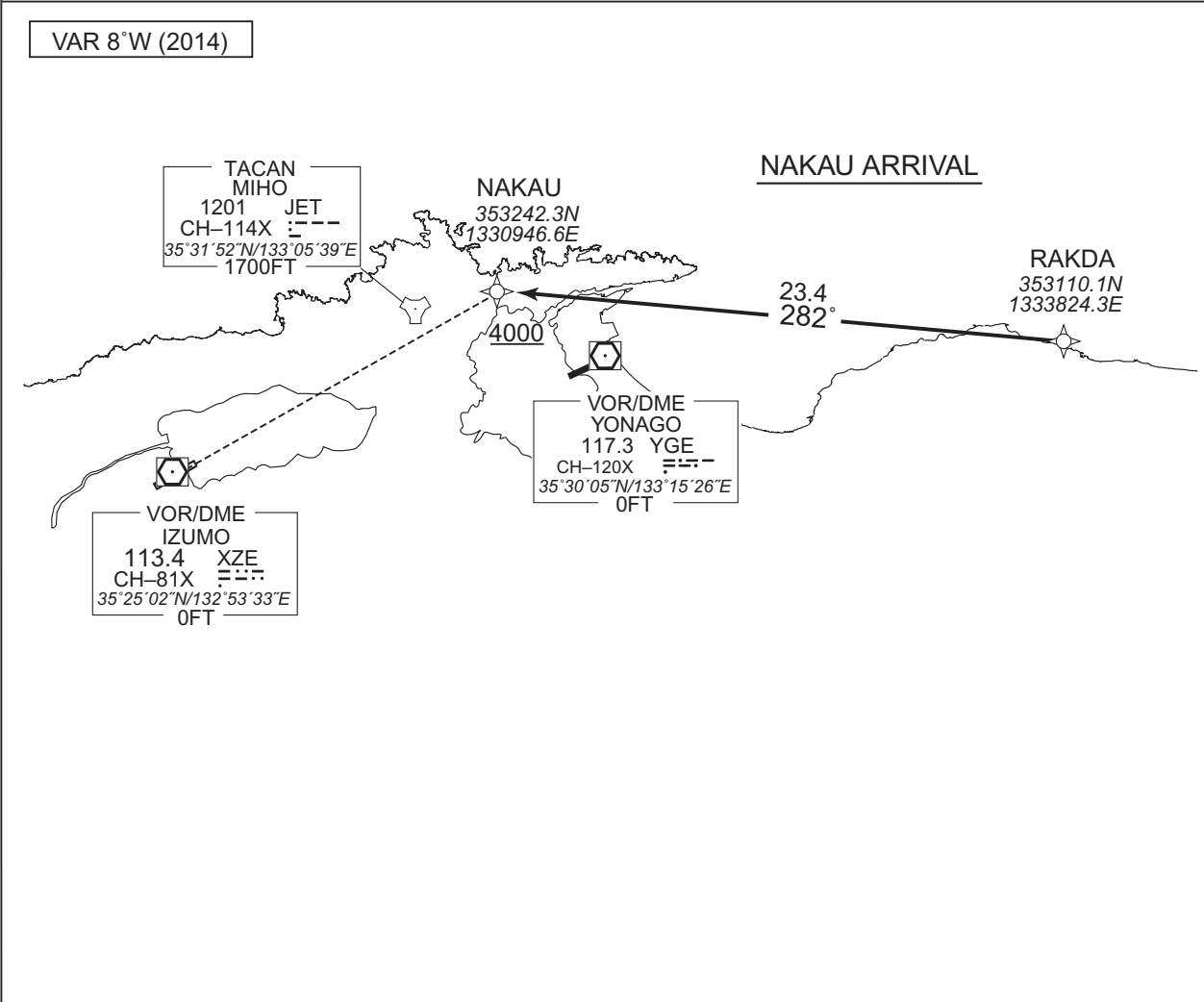
CHANGE : FIX symbol(OKUNI).

STANDARD ARRIVAL CHART - INSTRUMENT

RJOC / IZUMO RNAV STAR RWY25

NAKAU ARRIVAL	Basic RNP1
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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 : FIX symbol(NAKAU).

INSTRUMENT APPROACH CHART

RJOC / IZUMO

LOC Z RWY25



INSTRUMENT APPROACH CHART

RJOC / IZUMO

LOC Y RWY25



	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



RJOC / IZUMO

RNP RWY07

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

VAR 8°W (2016)

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
XZE	352502.06N
(MAHF)	1325332.54E

Using NAVAID

MHA 4000
Maximum holding altitude 6000
MAX 210KIAS

TACAN MIHO
1201 JET
CH-114X
35°31'52"N/133°05'39"E

MATSUE CITY
1086
MSA 25NM
5400
ARP

ARP : 352449N/1325324E

RNAV HLDG

MHA 3000
MAX 210KIAS

1MIN

Using NAVAID

MHA 4300
Maximum holding altitude 7000
MAX 210KIAS

10NM to Next Fix

	FAF	5	4	3	2	MAPt
ALT (3.0° APCH Path)	1900	1647	1329	1010	692	—

MINIMA **THR elev. 6** **AD elev. 6**

CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	510 (504)	1500	510 (504)	1500	510 (504)	1600
B					560 (554)	2400
C		2000		2000	630 (624)	3200
D						

Circling to **NORTH** side of RWY only.

CHANGE:PROC renamed. Requirement for RNP.

INSTRUMENT APPROACH CHART



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).

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

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

RJOC / IZUMO

LDG CHART



RJOC / IZUMO

Minimum Vectoring Altitude CHART

CHANGE : VAR. Update(BTN 205° and 210°).

