

AD CHART



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STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

SID

IKISHIMA SEVEN DEPARTURE

RWY 14 : Climb RWY HDG to 900FT,...

RWY 32 : Climb RWY HDG to 900FT, turn right HDG 199°,...

...to intercept and proceed via VCE R154/IKE R334 to IKE VOR/DME.

Cross IKE R334/18.8DME(VCE R154/20.0 DME) at or above 4000FT.

Note RWY 32 : 5.2% climb gradient required up to 900FT.

OBST ALT 262FT located at 0.2NM 292° FM end of RWY 32.

LAGER FOUR DEPARTURE

RWY 14 : Climb RWY HDG to 900FT, turn left,...

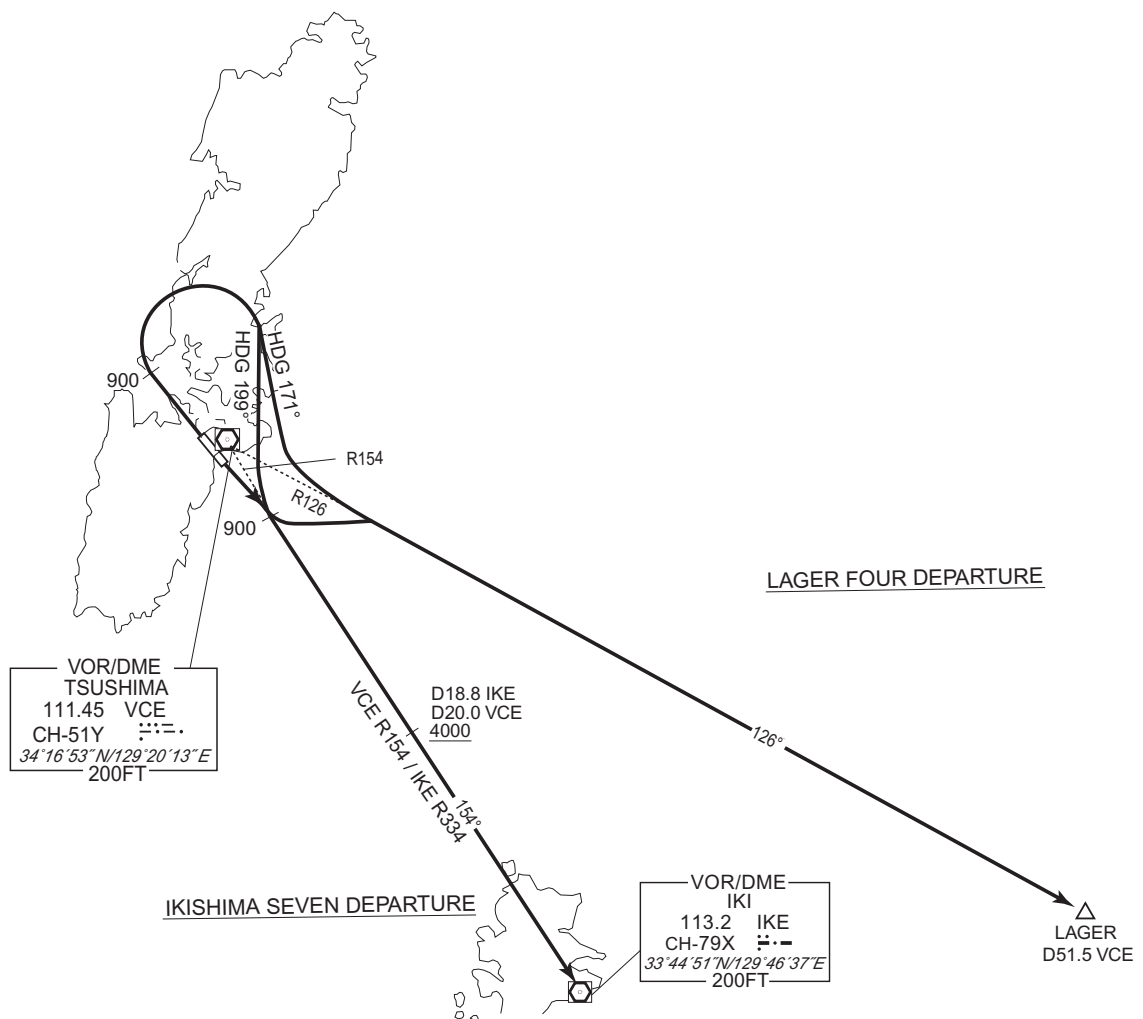
RWY 32 : Climb RWY HDG to 900FT, turn right HDG 171°,...

...to intercept and proceed via VCE R126 to LAGER.

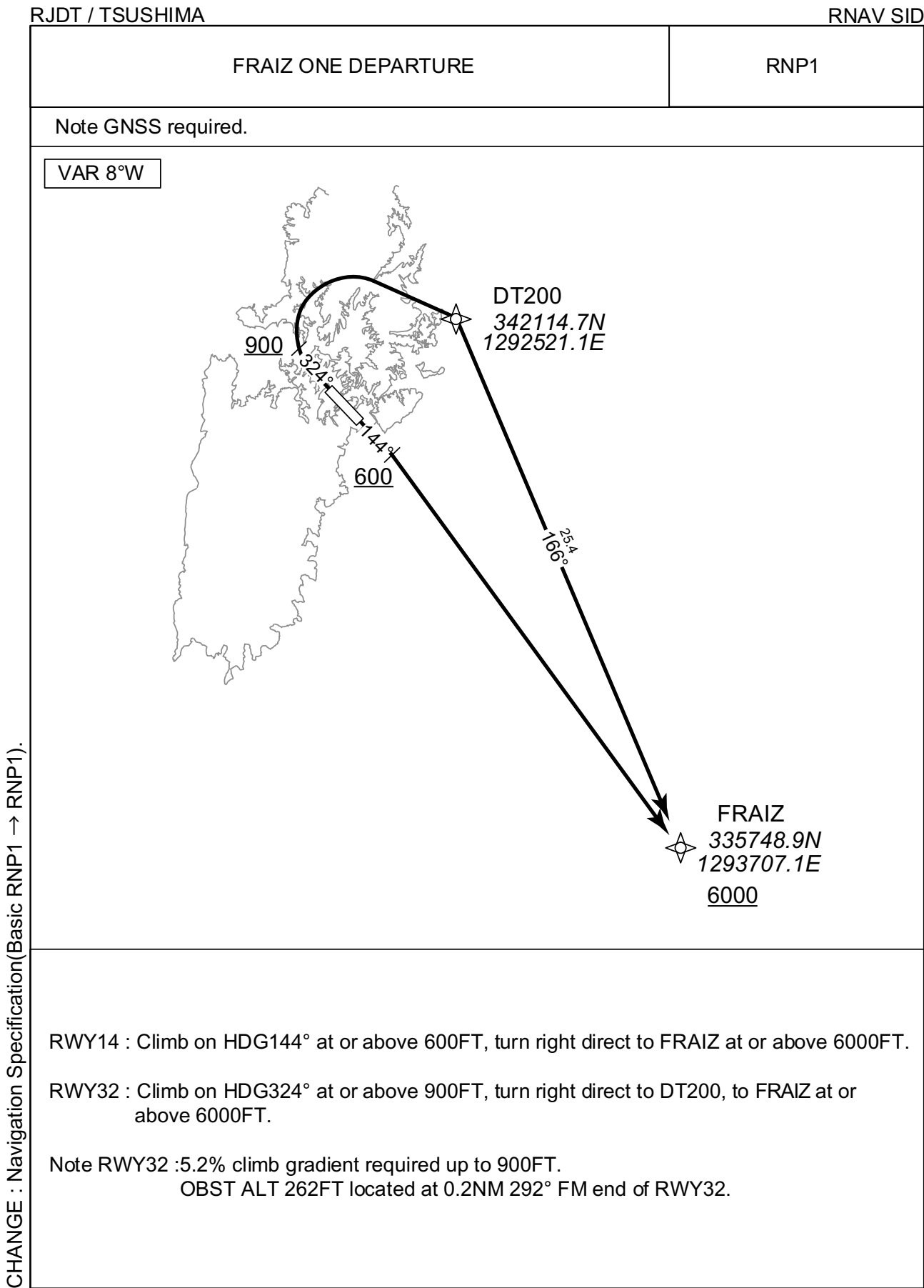
Note RWY 32 : 5.2% climb gradient required up to 900FT.

OBST ALT 262FT located at 0.2NM 292° FM end of RWY 32.

CHANGE : PROC renamed(IKISHIMA SEVEN DEPARTURE, LAGER FOUR DEPARTURE), PROC course.



STANDARD DEPARTURE CHART - INSTRUMENT



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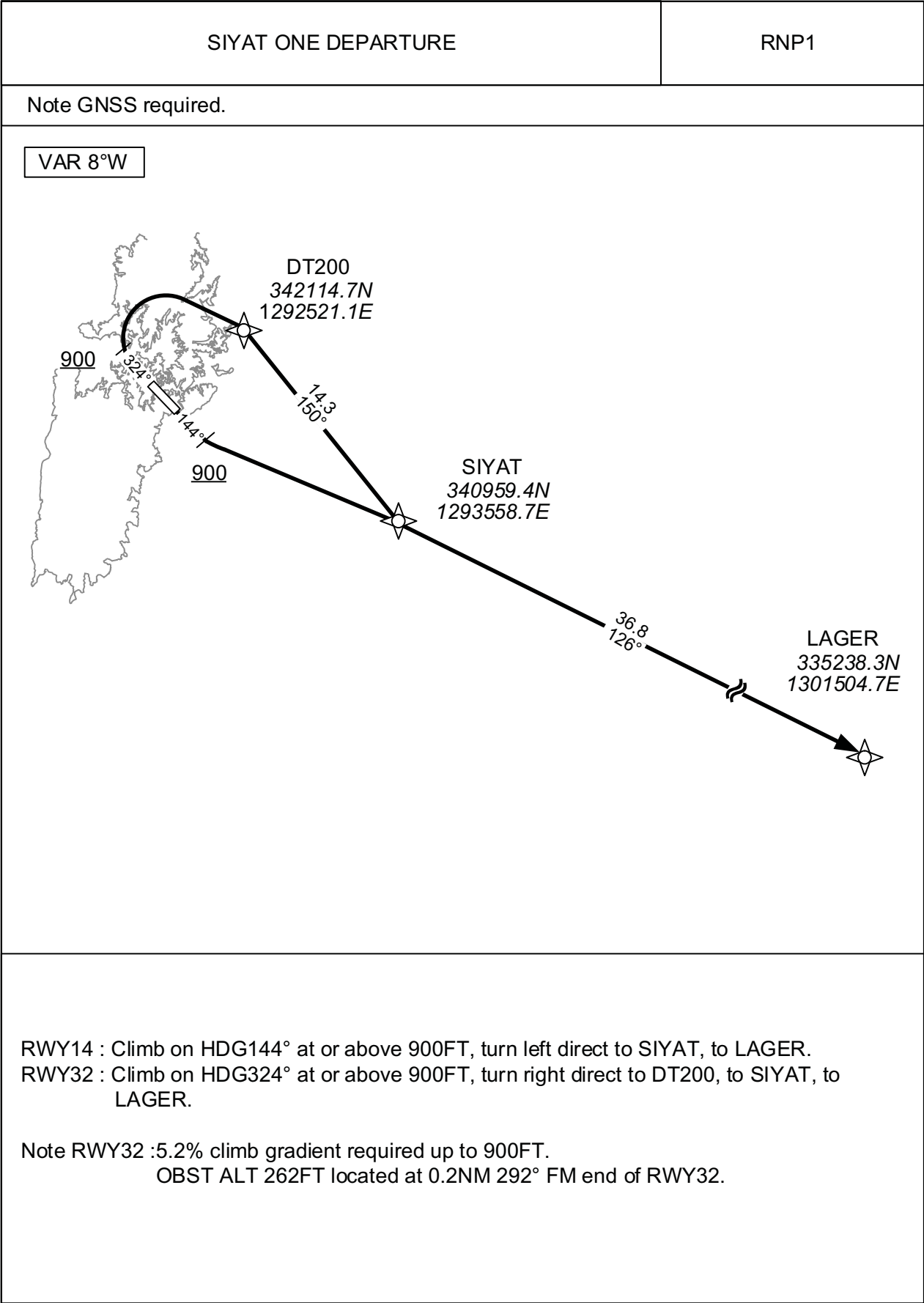
RJDT / TSUSHIMA RNAV SID

FRAIZ ONE DEPARTURE											
RWY14											
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	-	-	144 (136.2)	-8.2	-	-	+600	-	-	RNP1
002	DF	FRAIZ	-	-	-8.2	-	R	+6000	-	-	RNP1
RWY32											
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	-	-	324 (316.2)	-8.2	-	-	+900	-	-	RNP1
002	DF	DT200	-	-	-8.2	-	R	-	-	-	RNP1
003	TF	FRAIZ	-	166 (157.4)	-8.2	25.4	-	+6000	-	-	RNP1
CHANGE : Navigation Specification(Basic RNP1 → RNP1).											

STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

RNAV SID



STANDARD DEPARTURE CHART - INSTRUMENT

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RNAV SID

SIYAT ONE DEPARTURE

RWY14

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	-	-	144 (136.2)	-7.9	-	-	+900	-	-	RNP1
002	DF	SIYAT	-	-	-7.9	-	L	-	-	-	RNP1
003	TF	LAGER	-	126 (118.0)	-7.9	36.8	-	-	-	-	RNP1

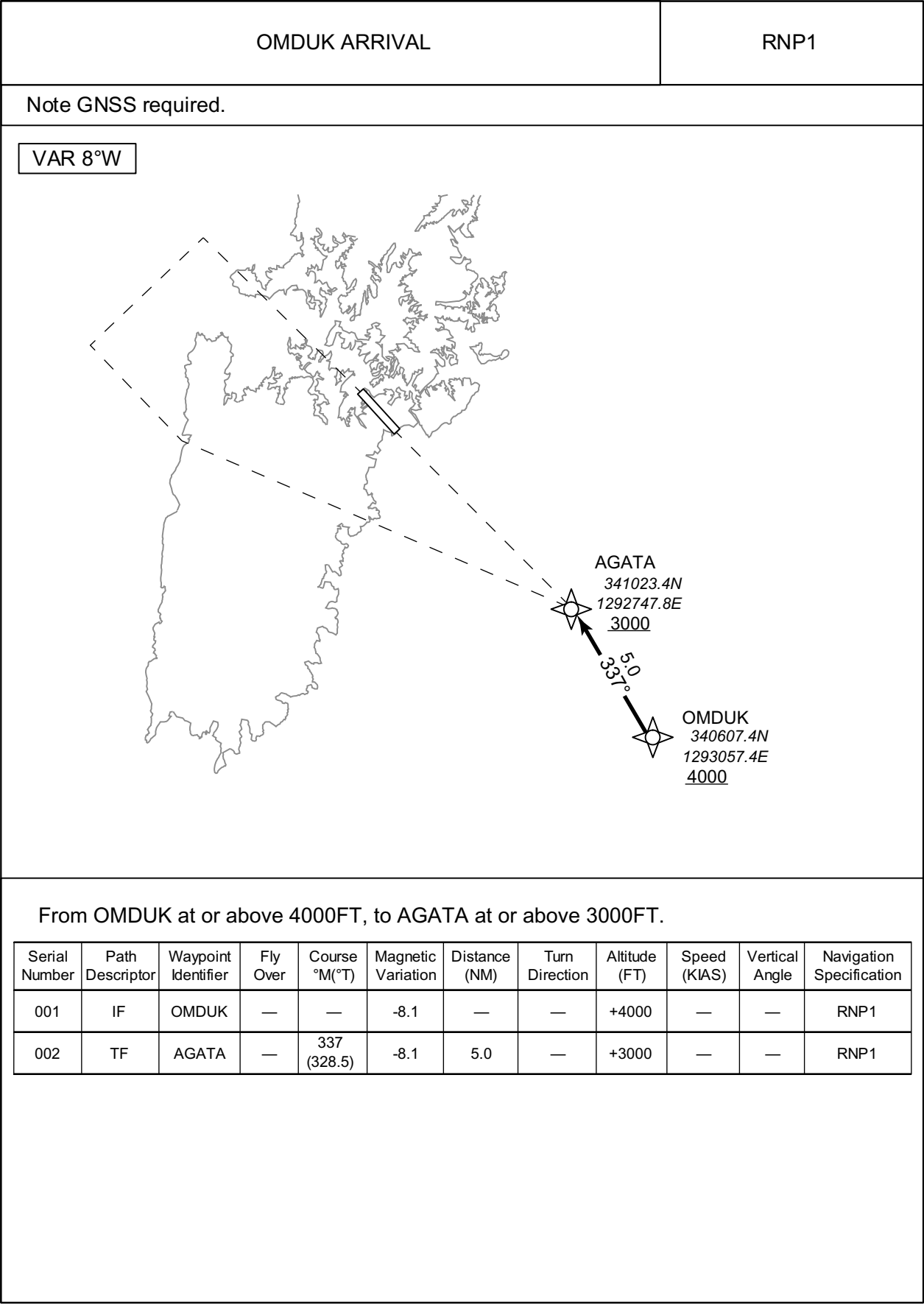
RWY32

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	-	-	324 (316.2)	-7.9	-	-	+900	-	-	RNP1
002	DF	DT200	-	-	-7.9	-	R	-	-	-	RNP1
003	TF	SIYAT	-	150 (142.0)	-7.9	14.3	-	-	-	-	RNP1
004	TF	LAGER	-	126 (118.0)	-7.9	36.8	-	-	-	-	RNP1

STANDARD ARRIVAL CHART - INSTRUMENT

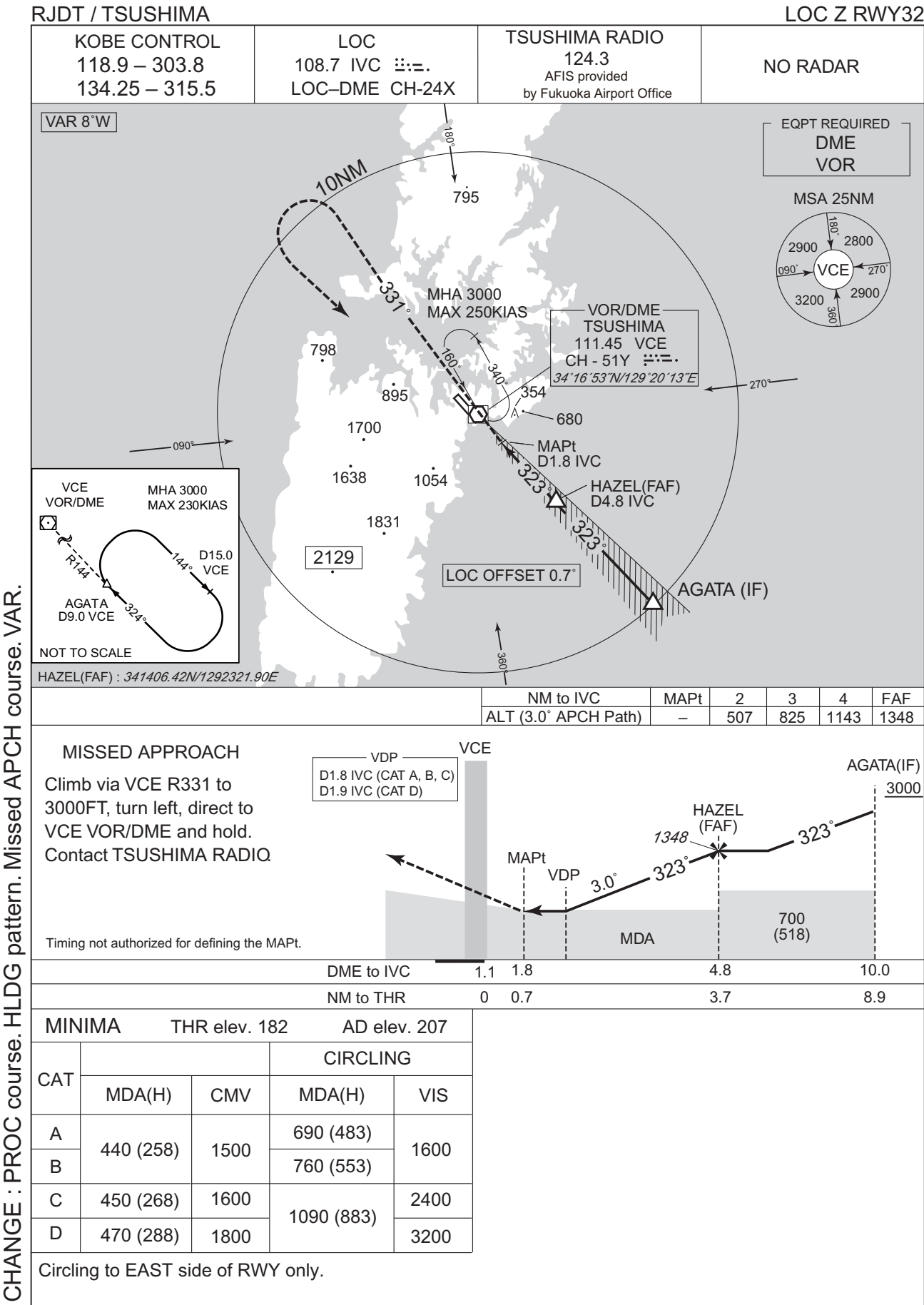
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RNAV STAR



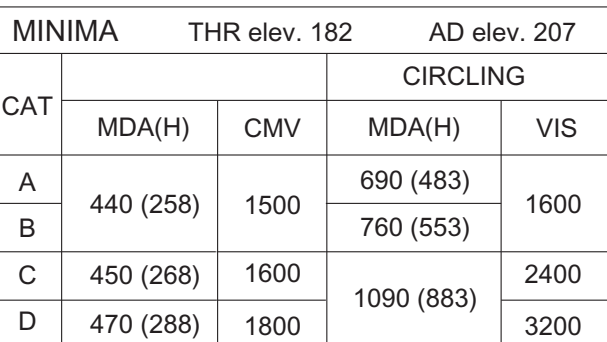
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INSTRUMENT APPROACH CHART



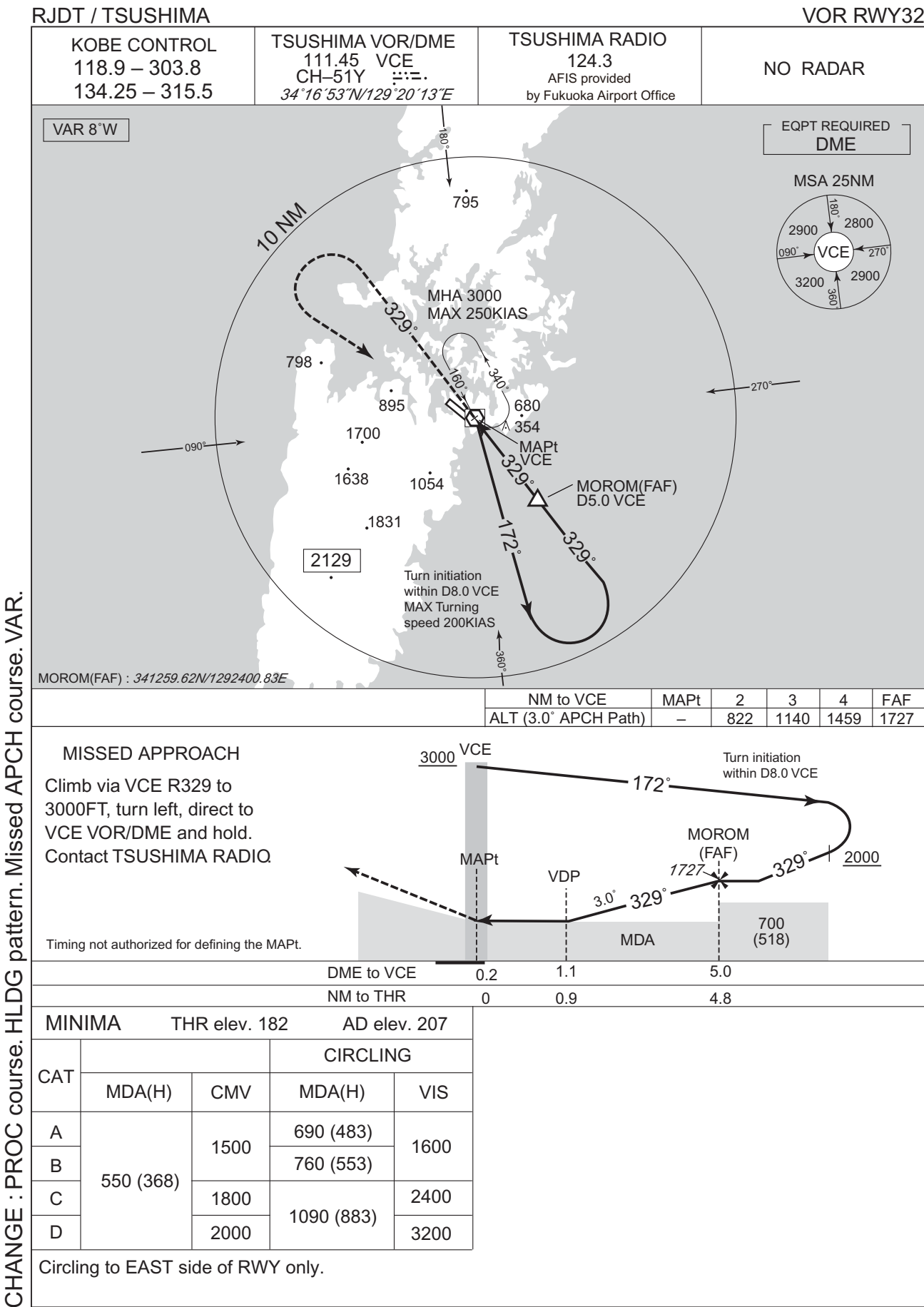
RJDT / TSUSHIMA

LOC Y RWY32

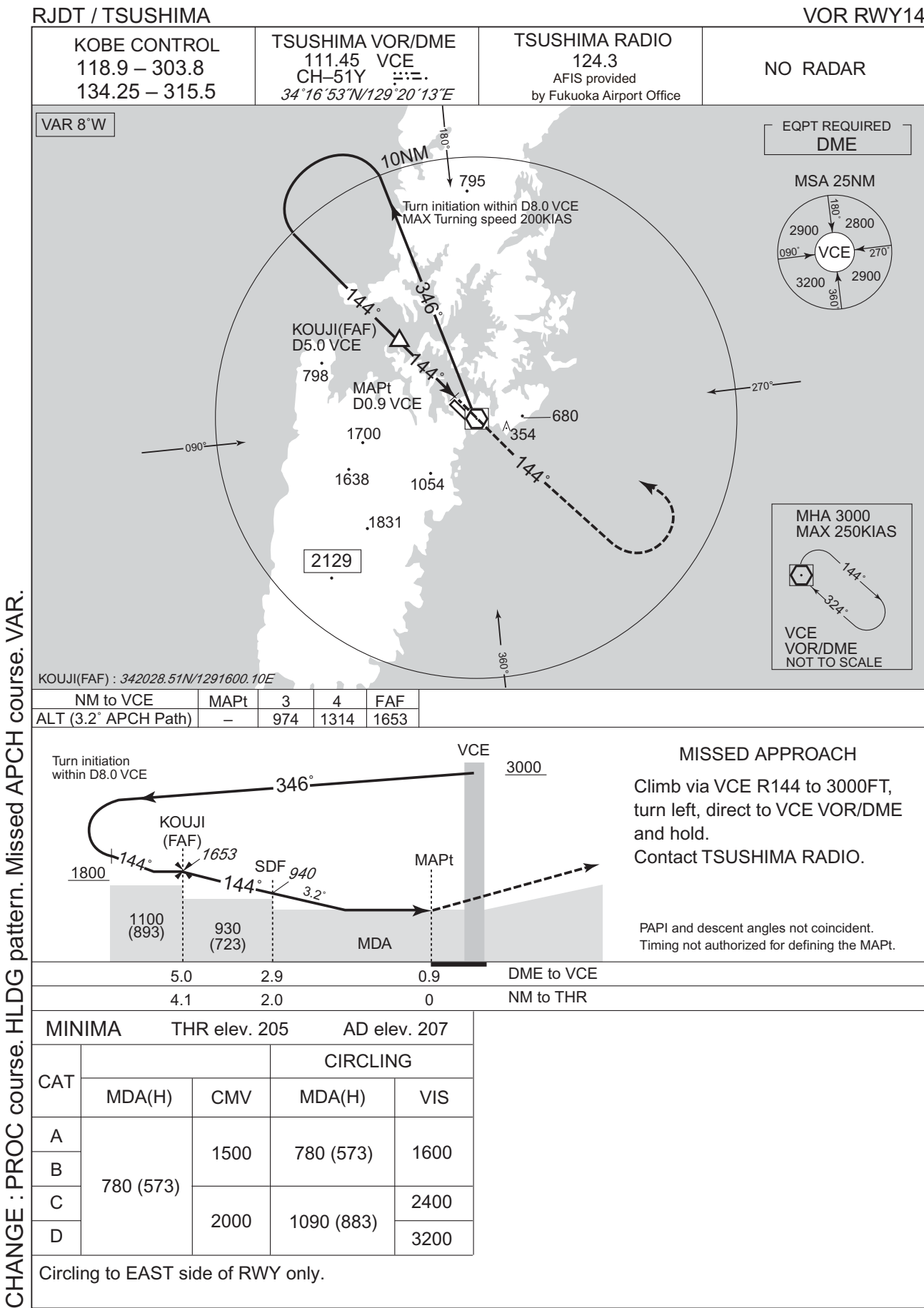


Circling to EAST side of RWY only.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



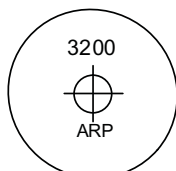
RJD/TSUSHIMA

RNP RWY 32

Baro-VNAV not authorized below 0°C

VAR 8°W

MSA 25NM



ARP:341706N / 1291950E

AGATA 341023.44N
(IAF/MAHF) 1292747.82E

DT250 341221.82N
(IF) 1292519.36E

OMLAK 341431.77N
(FAF) 1292248 63E

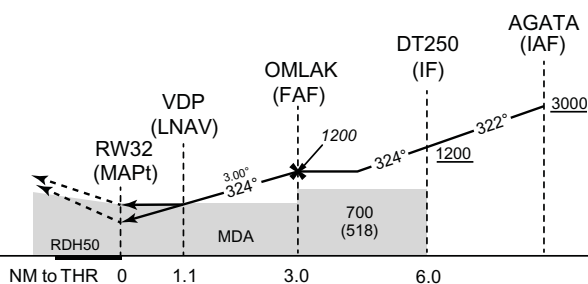
RW32 341643.41N
(MAPt) 1292015.77E

DT251 341853.31N
(MATF) 1291744.74E

NM to Next Fix	MAPt	2	3	FAF
ALT (3.0° APCH Path)	—	868	1186	1200

MISSED APPROACH

Direct to DT251, turn right, direct to
AGATA and hold at 3000FT.
Contact TSUSHIMA RADIO.



Missed APCH climb gradient MNM 5 .0%

MINIMA		THR elev.182	AD elev.207					
CAT	LPV		LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	470(288)	1500	580(398)	1500	580(398)	1500	690(483)	1600
B	480(298)						760(553)	
C	490(308)	1800		1800		1800	1090(883)	2400
D	500(318)	2000		2000		2000		3200

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

Circling to EAST side of RWY only.

CHANGE: HLDG pattern for using NAVAID abolished.

INSTRUMENT APPROACH CHART

RJDT / TSUSHIMA

RNP RW Y32

FAS DATA BLOCK

Operation type	0	LTP/FTP ellipsoidal height	+00861
SBAS service provider identifier	2	FPAP latitude	341727.7595N
Airport identifier	RJDT	FPAP longitude	1291924.2050E
Runway	32	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	M32A	∟ length offset	0000
LTP/FTP latitude	341643.3790N	HAL	40.0
LTP/FTP longitude	1292015.7765E	VAL	50.0
CRC remainder	EA5E957D		

Required additional data

LTP/FTP orthometric height	55.4
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CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).

RJDT / TSUSHIMA

KOBE CONTROL
118.9 - 303.8
134.25 - 315.5

RNP APCH
MSAS CH66690
M14A

TSUSHIMA RADIO
124.3
AFIS provided
by Fukuoka Airport Office

NO RADAR

Baro-VNAV not authorized below 0°C

VAR 8°W

MSA 25NM
3200
ARP

ARP:341706N / 1291950E

NOT TO SCALE

AGATA 3000 / MAX 230KIAS

AGATA 341023.44N
(IAF/MAHF) 1292747.82E

DT452 341605.18N
1291146.41E

DT451 341919.60N
1290759.68E

SARUI 342309.57N
(IF) 1291246.22E

ITTOK 341949.81N
(FAF) 1291638.98E

DT450 341838.75N
1291801.68E

RW14 341727.79N
(MAPt) 1291924.19E

DT453 341457.36N
(MATF) 1292218.93E

NM to Next Fix	FAF	3	2	MAPt
ALT (3.0° APCH Path)	1300	1210	891	—

MISSED APPROACH

Direct to DT453, direct to AGATA
and hold at 3000FT.
Contact TSUSHIMA RADIO.

Missed APCH climb gradient MNM 5.0%

MINIMA	THR elev.205				AD elev.207			
CAT	LPV		LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	469(264)	1500	580(375)	1500	580(373)	1500	690(483)	1600
B	479(274)						760(553)	
C	489(284)	1600		1800		1800	1090(883)	2400
D	499(294)	1800	2000	2000	3200			

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

CHANGE : Missed APCH for using VOR/DME abolished. HLDG pattern for using NAVAID abolished.

INSTRUMENT APPROACH CHART

RJDT / TSUSHIMA

RNP RWY14

FAS DATA BLOCK

Operation type	0	LTP/FTP ellipsoidal height	+00930
SBAS service provider identifier	2	FPAP latitude	341643.3790N
Airport identifier	RJDT	FPAP longitude	1292015.7765E
Runway	14	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	M14A	∟ length offset	0000
LTP/FTP latitude	341727.7595N	HAL	40.0
LTP/FTP longitude	1291924.2050E	VAL	50.0
CRC remainder	1534DDCD		

Required additional data

LTP/FTP orthometric height	62.3
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CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).

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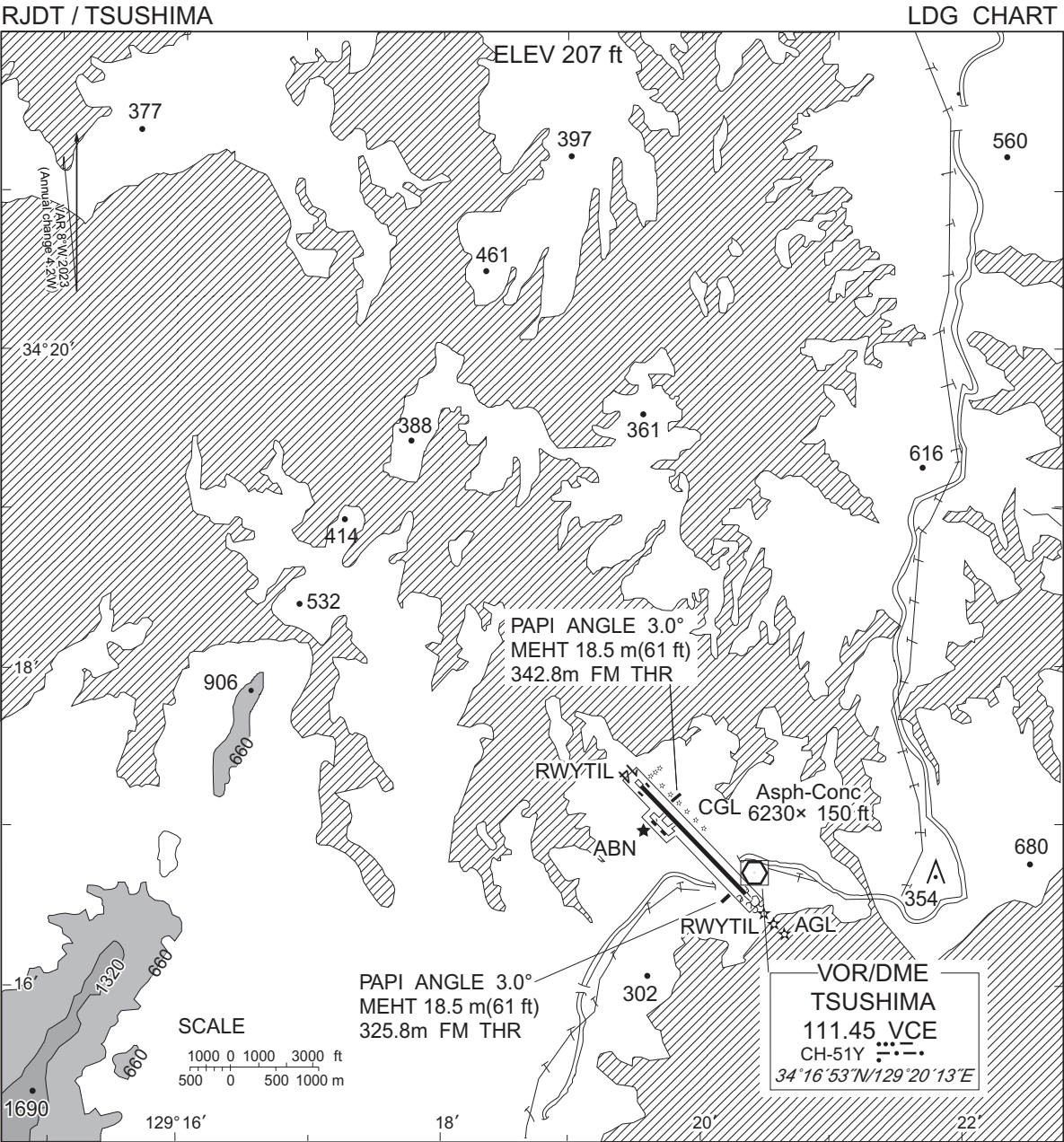
Visual REP



※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
長崎鼻 Nagasakibana	023°T / 8.3NM	灯台 Lighthouse
厳原 Izuhara	200°T / 5.7NM	港 Harbor
10NM SE	135°T / 10.0NM	海上 Over the Sea



CHANGE : VAR.

RJDT / TSUSHIMA

Minimum Vectoring Altitude CHART

