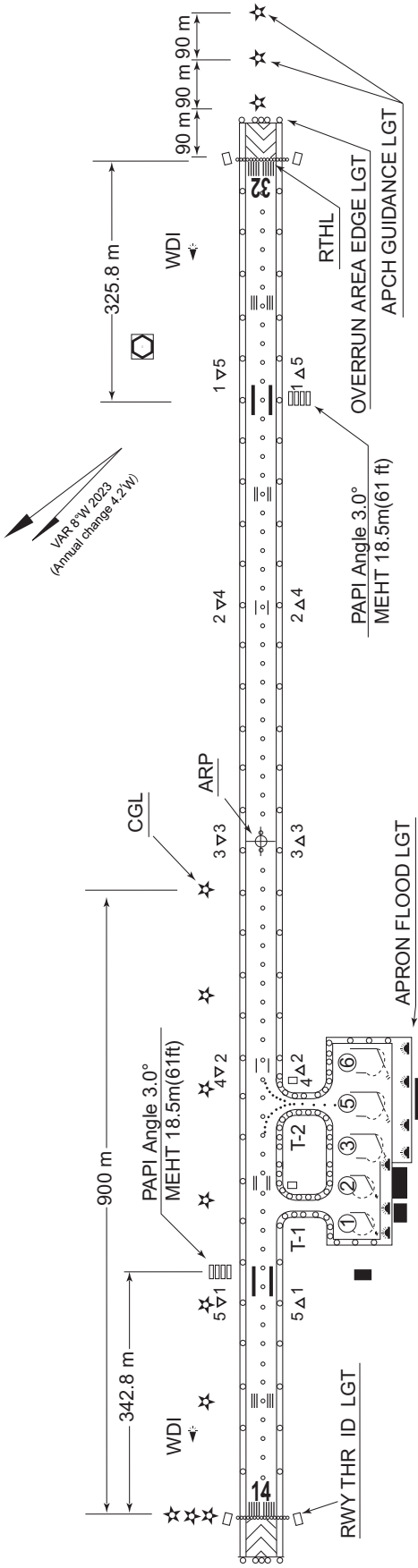


RJDT / TSUSHIMA

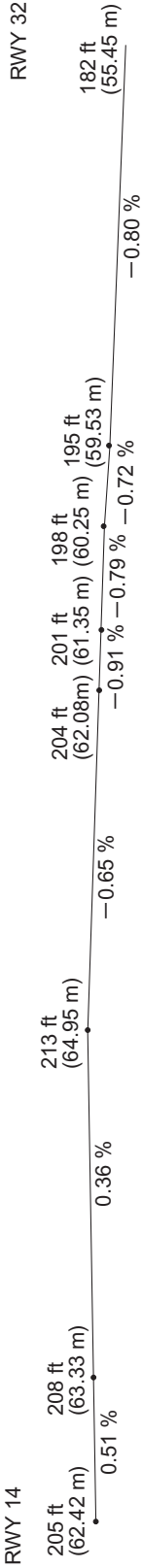
AD CHART

CHANGE : VAR.

TSUSHIMA AP



LONGITUDINAL PROFILE OF RWY



REMARKS RWY GROOVING 30m x 1900m
WIDTH OF TWY T-1 T-2 23m

INTENTIONALLY LEFT BLANK

STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

SID

IKISHIMA SIX DEPARTURE

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

RWY 32 : Climb on HDG 338° to 900FT, turn right HDG 198°,...
...to intercept and proceed via VCE R153 to IKE VOR/DME.
Cross VCE R153/20.0DME 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 THREE DEPARTURE

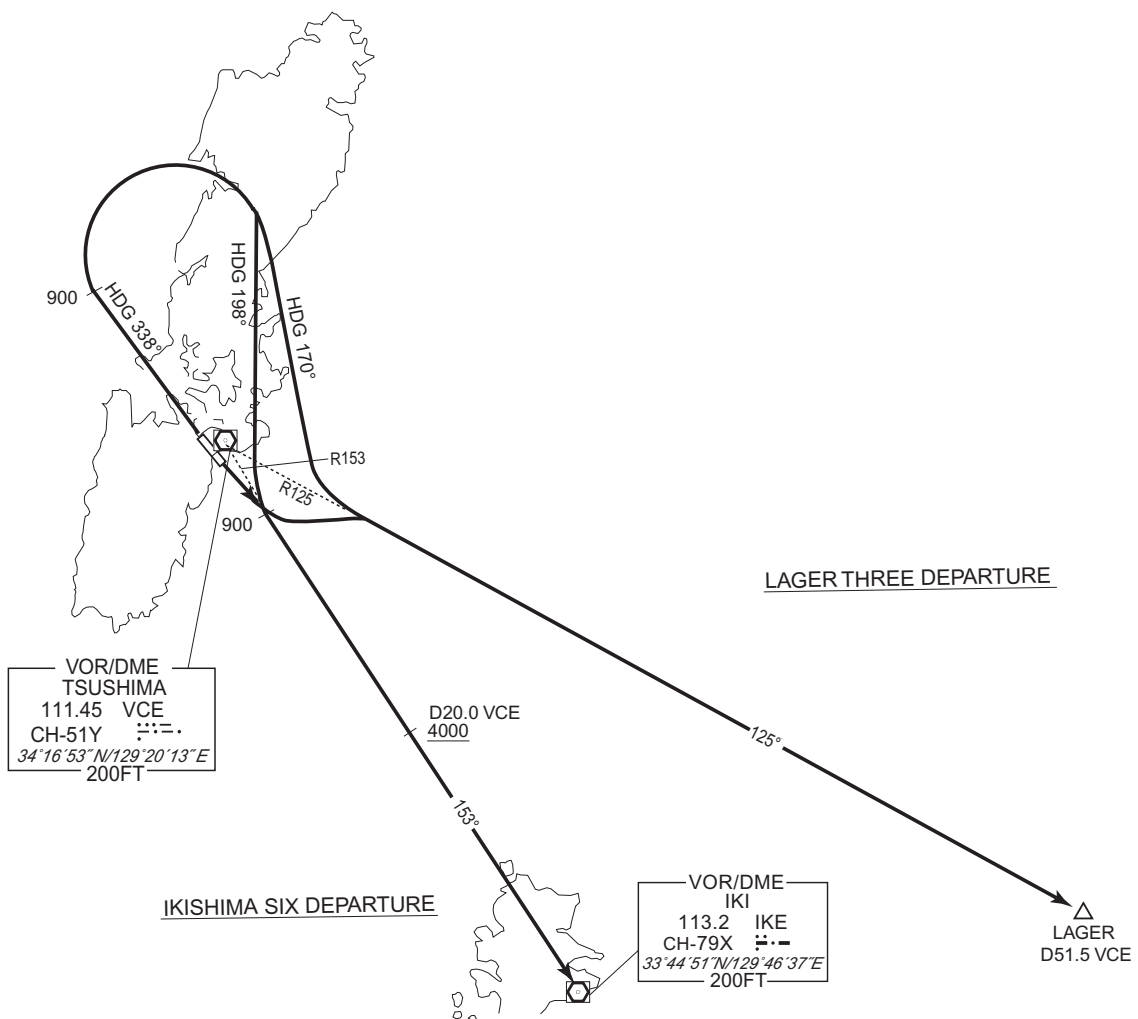
RWY 14 : Climb RWY HDG to 900FT, turn left,...

RWY 32 : Climb on HDG 338° to 900FT, turn right HDG 170°,...
...to intercept and proceed via VCE R125 to LAGER.

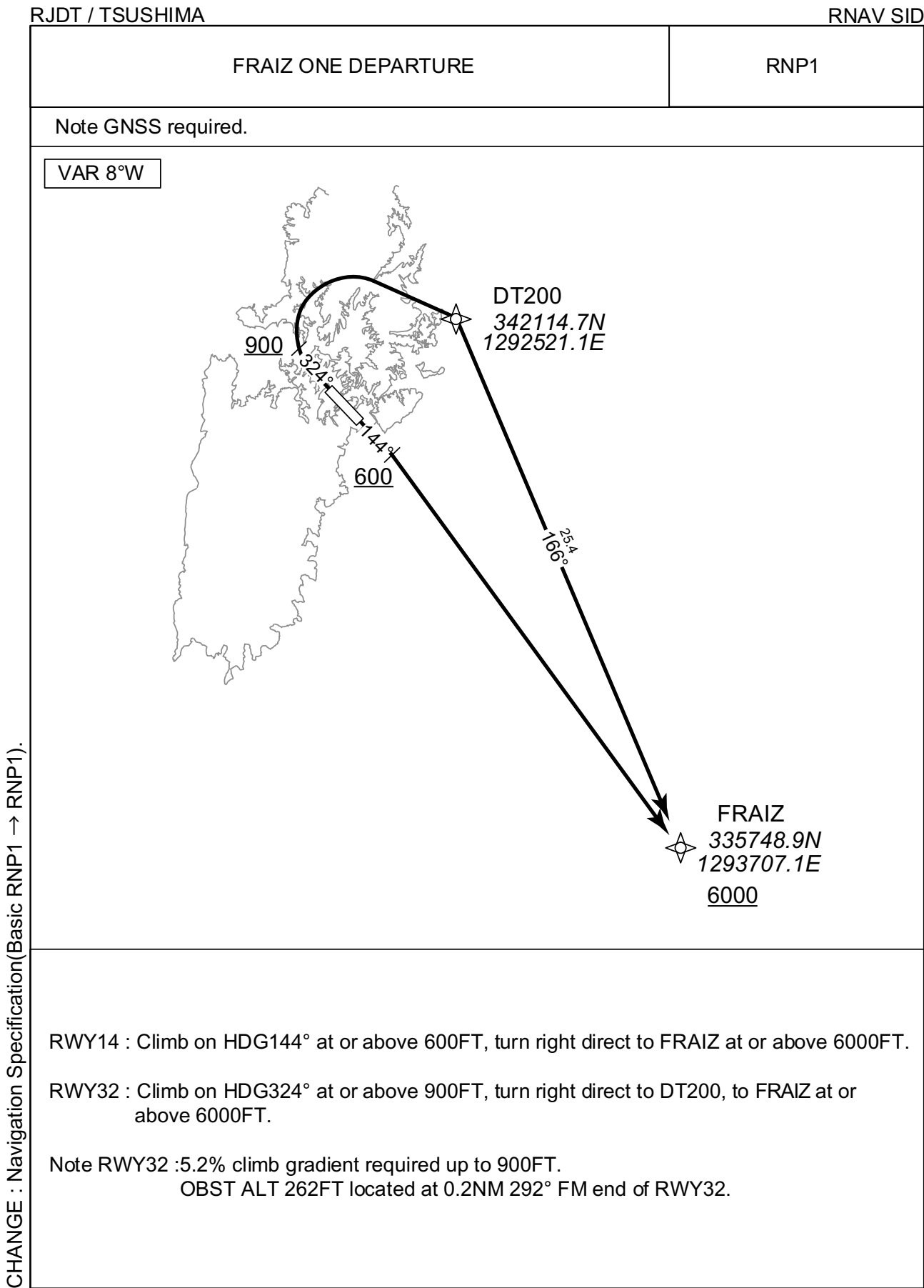
Note RWY 32 : 5.2% climb gradient required up to 900FT.

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

CHANGE : PROC renamed. Note.



STANDARD DEPARTURE CHART - INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT

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

STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

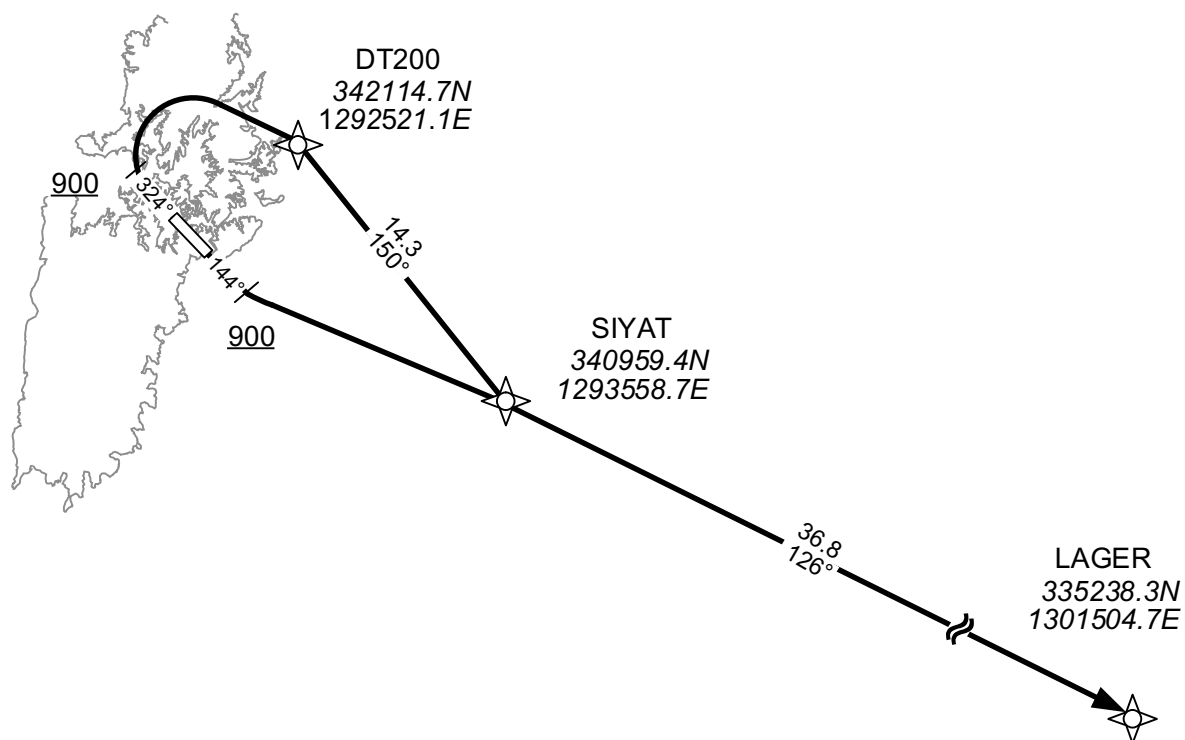
RNAV SID

SIYAT ONE DEPARTURE

RNP1

Note GNSS required.

VAR 8°W (2020)



RWY14 : Climb on HDG144° at or above 900FT, turn left direct to SIYAT, to LAGER.

RWY32 : Climb on HDG324° at or above 900FT, turn right direct to DT200, to SIYAT, to LAGER.

Note RWY32 : 5.2% climb gradient required up to 900FT.

OBST ALT 262FT located at 0.2NM 292° FM end of RWY32.

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

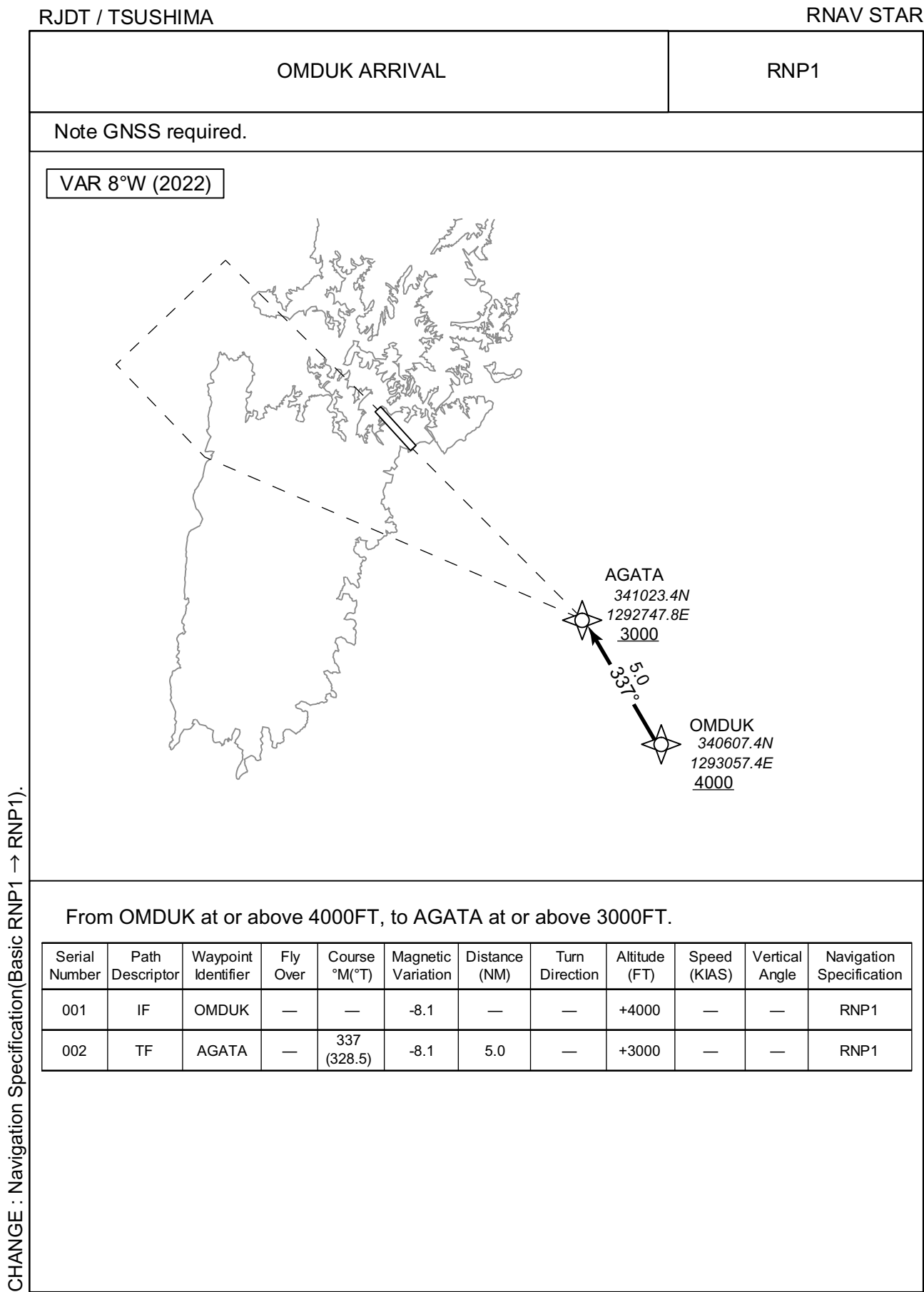
STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

RNAV SID

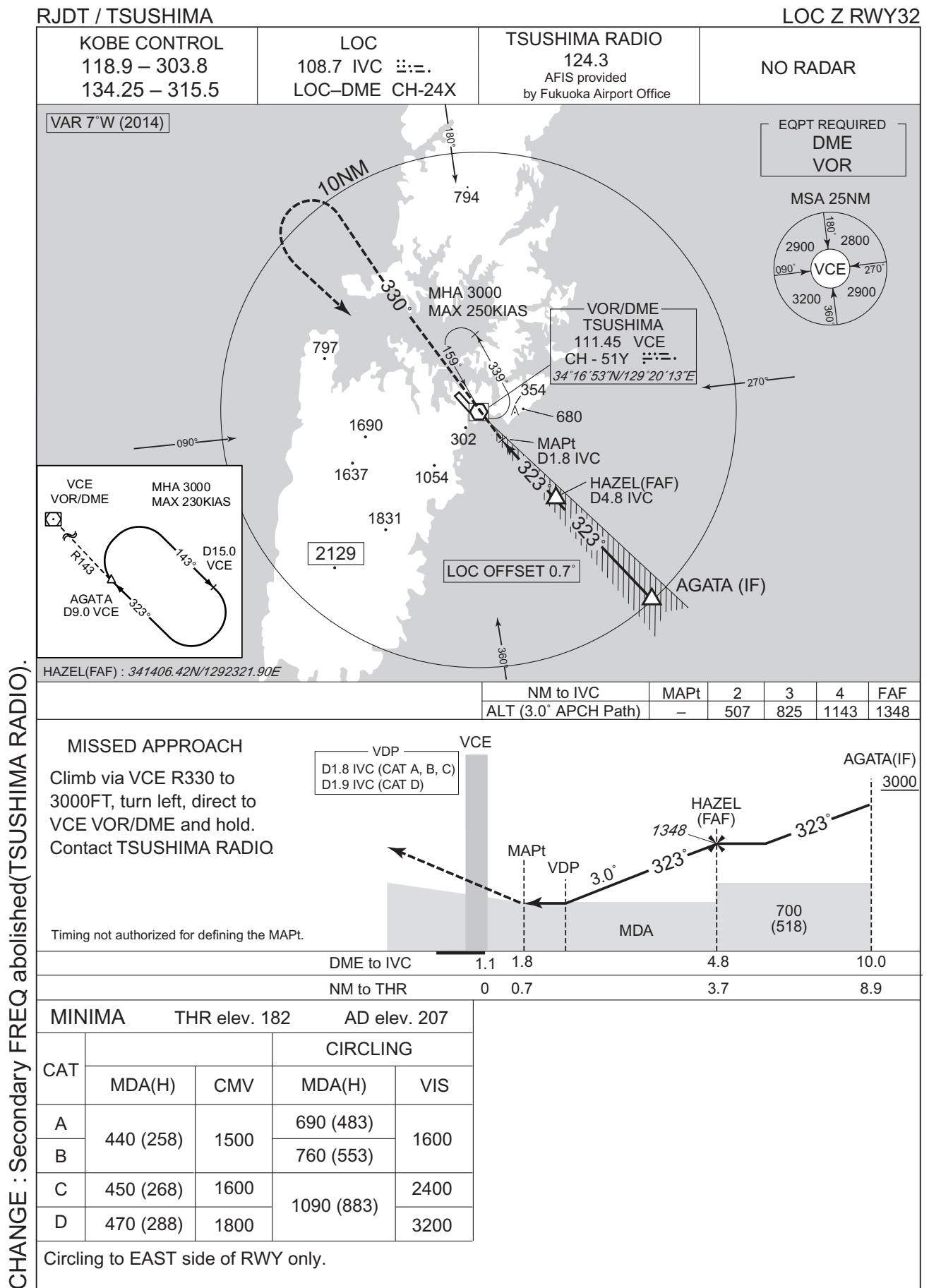
SIYAT ONE DEPARTURE											
RWY14											
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	144 (136.2)	-7.9	-	-	+900	-	-	RNP1
002	DF	SIYAT	-	-	-7.9	-	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
CHANGE : Navigation Specification(Basic RNP1 → RNP1).											

STANDARD ARRIVAL CHART - INSTRUMENT



INTENTIONALLY LEFT BLANK

INSTRUMENT APPROACH CHART



RJDT / TSUSHIMA

LOC Y RWY32



Climb via VCE R330 to 3000FT, turn left, direct to VCE VOR/DME and hold. Contact TSUSHIMA RADIO.



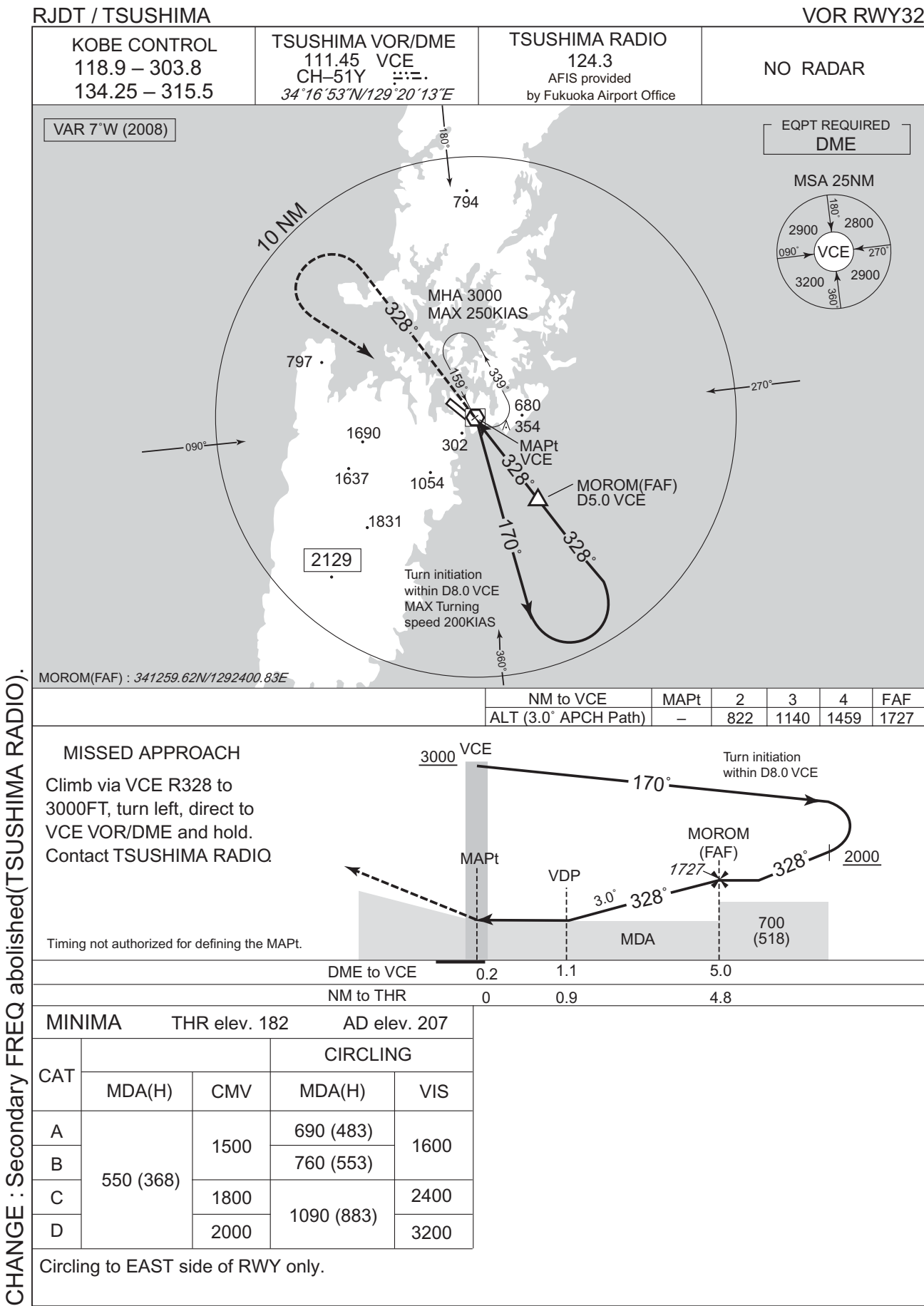
NM to IVC	MAPt	2	3	4	FAF
ALT (3.0° APCH Path)	–	507	825	1143	1348

DME to IVC	1.1	1.8	4.8
NM to THR	0	0.7	3.7

MINIMA		THR elev. 182	AD elev. 207	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	440 (258)	1500	690 (483)	1600
B			760 (553)	
C	450 (268)	1600	1090 (883)	2400
D	470 (288)	1800		3200

Circling to EAST side of RWY only.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJDT / TSUSHIMA

VOR RWY14

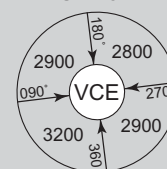
KOBE CONTROL
118.9 – 303.8
134.25 – 315.5TSUSHIMA VOR/DME
111.45 VCE
CH-51Y
34°16'53"N/129°20'13"ETSUSHIMA RADIO
124.3
AFIS provided
by Fukuoka Airport Office

NO RADAR

VAR 7°W (2008)

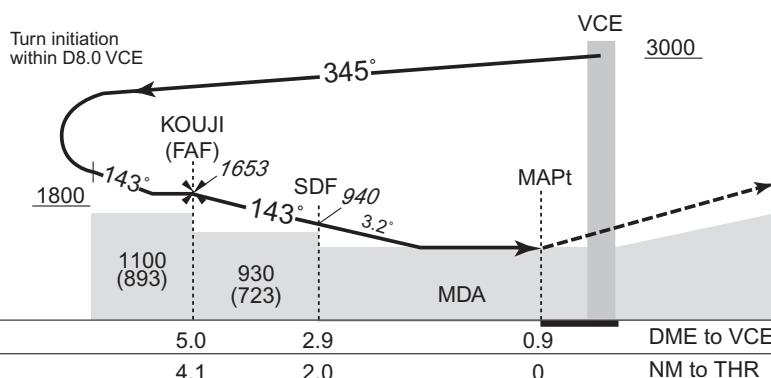
EQPT REQUIRED
DME

MSA 25NM

MHA 3000
MAX 250KIAS

KOUJI (FAF) : 342028.51N/1291600.10E

NM to VCE	MAPt	3	4	FAF
ALT (3.2° APCH Path)	—	974	1314	1653



MISSED APPROACH

Climb via VCE R143 to 3000FT,
turn left, direct to VCE VOR/DME
and hold.
Contact TSUSHIMA RADIO.

PAPI and descent angles not coincident.
Timing not authorized for defining the MAPt.

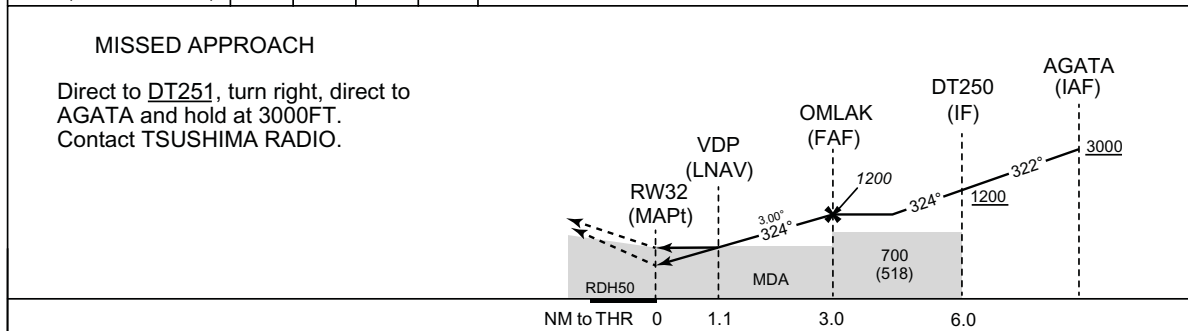
MINIMA		THR elev. 205	AD elev. 207	
CAT	CIRCLING			
	MDA(H)	CMV	MDA(H)	VIS
A	780 (573)	1500	780 (573)	1600
B				
C		2000	1090 (883)	2400
D				
				3200

Circling to EAST side of RWY only.

CHANGE : Secondary FREQ abolished(TSUSHIMA RADIO).

RJDT/TSUSHIMA

RNP RWY 32



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
----------------------------	------

CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).

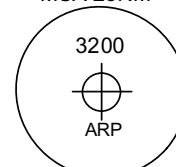
RJDT / TSUSHIMA

RNP RWY 14

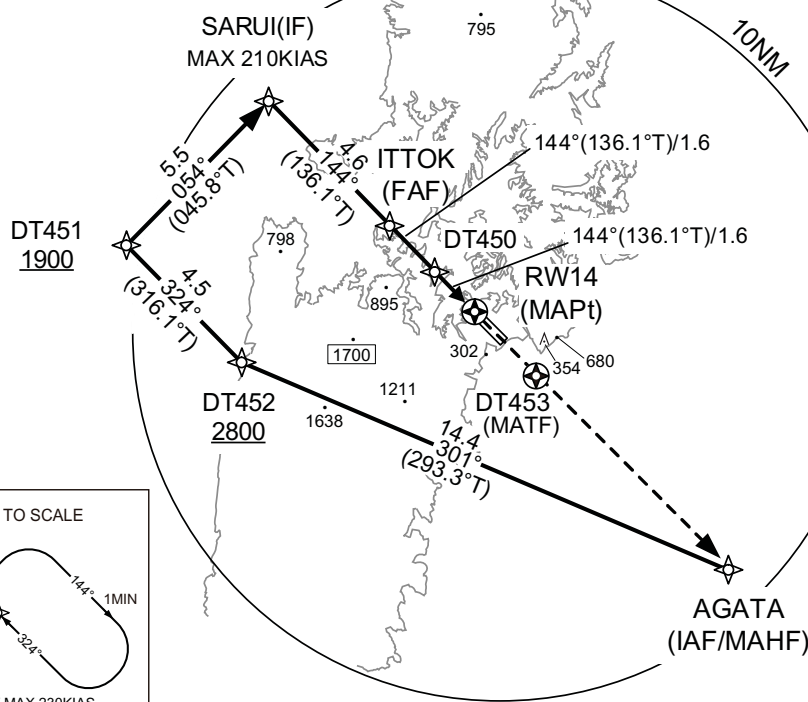
Baro-VNAV not authorized below 0°C

VAR 8°W

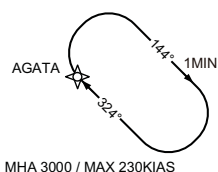
MSA 25NM



ARP:341706N / 1291950E



NOT TO SCALE

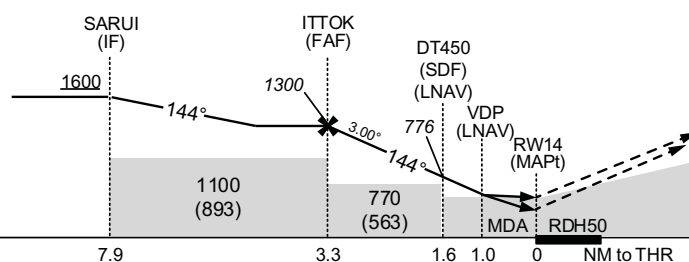


AGATA (IAF/MAHF)	341023.44N 1292747.82E
DT452	341605.18N 1291146.41E
DT451	341919.60N 1290759.68E
SARUI (IF)	342309.57N 1291246.22E
IT TOK (FAF)	341949.81N 1291638.98E
DT450	341838.75N 1291801.68E
RW14 (MAPt)	341727.79N 1291924.19E
DT453 (MATE)	341457.36N 1292218.93E

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
----------------------------	------

CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).

RJDT / TSUSHIMA

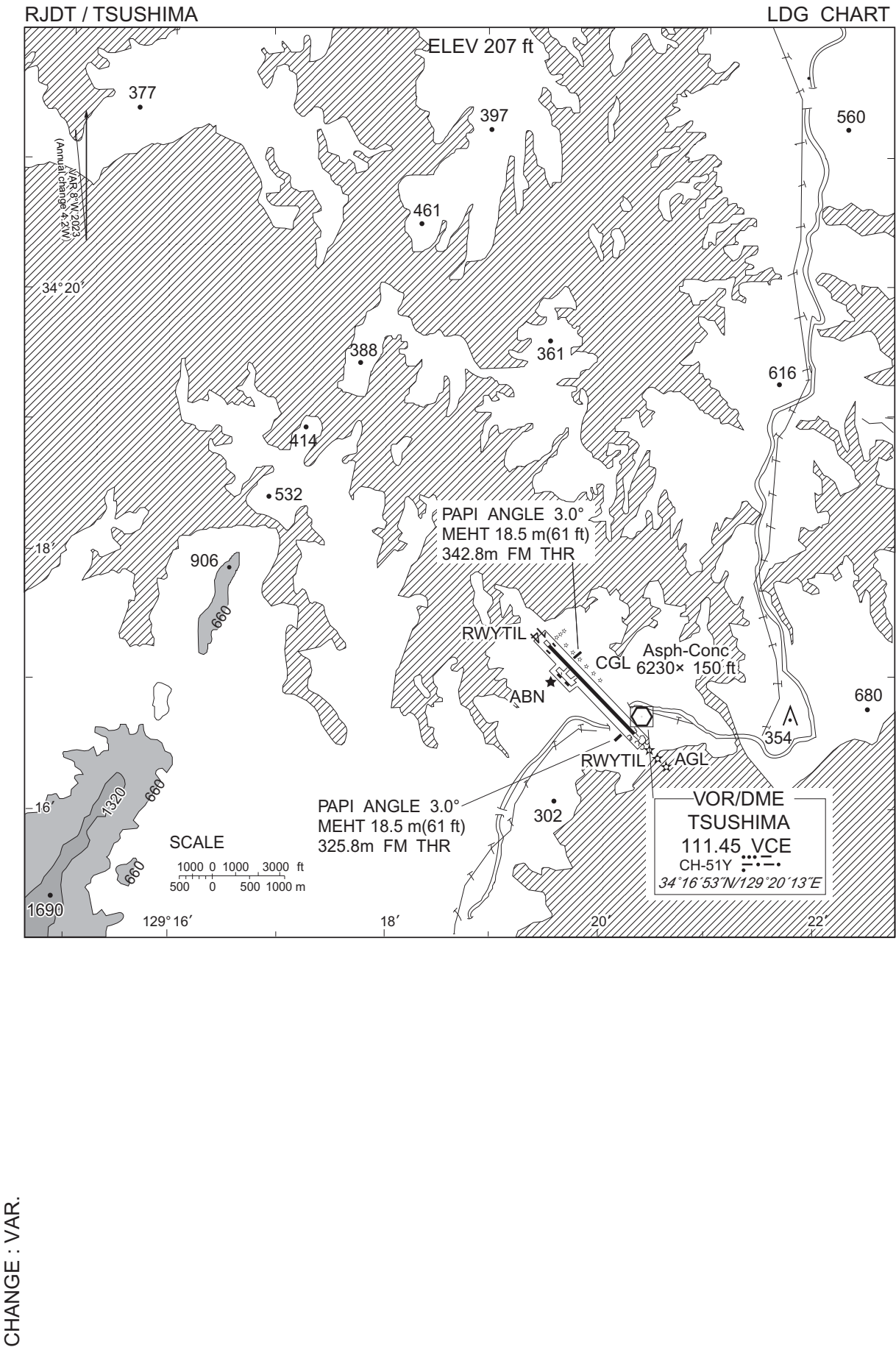
Visual REP



※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



RJDT / TSUSHIMA

Minimum Vectoring Altitude CHART

