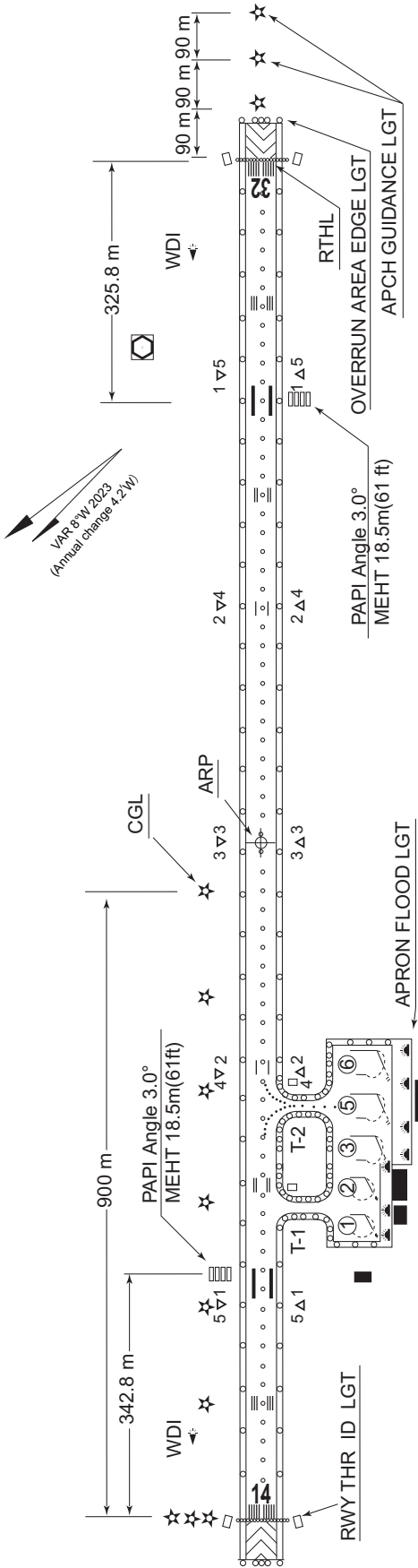


RJDT / TSUSHIMA

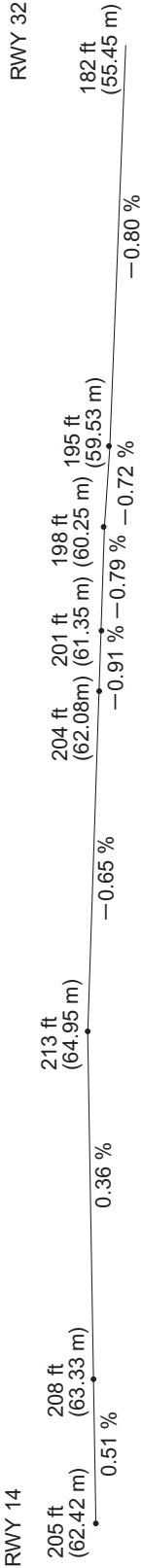
AD CHART

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

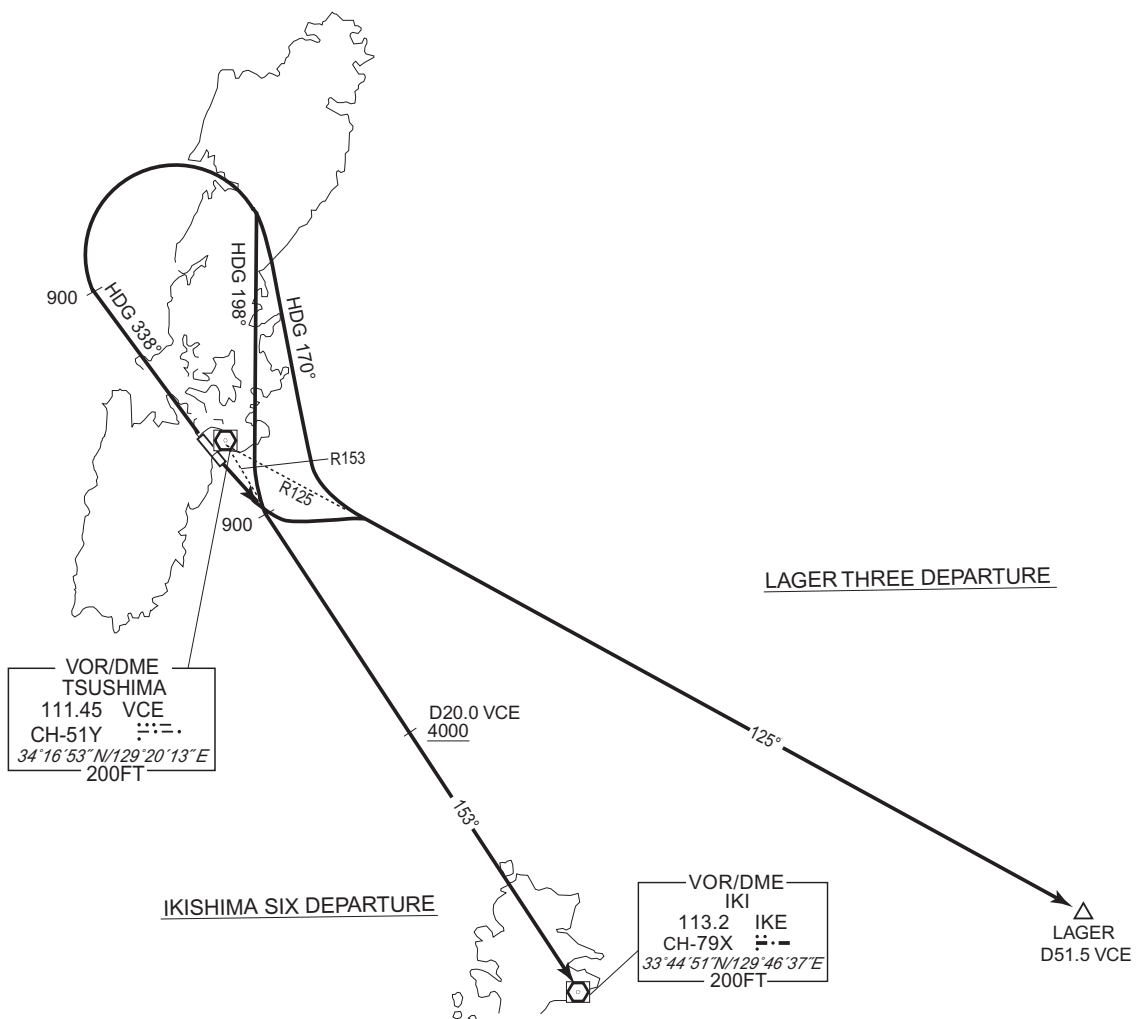
RWY 14 : Climb RWY HDG to 900FT, turn left,...

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

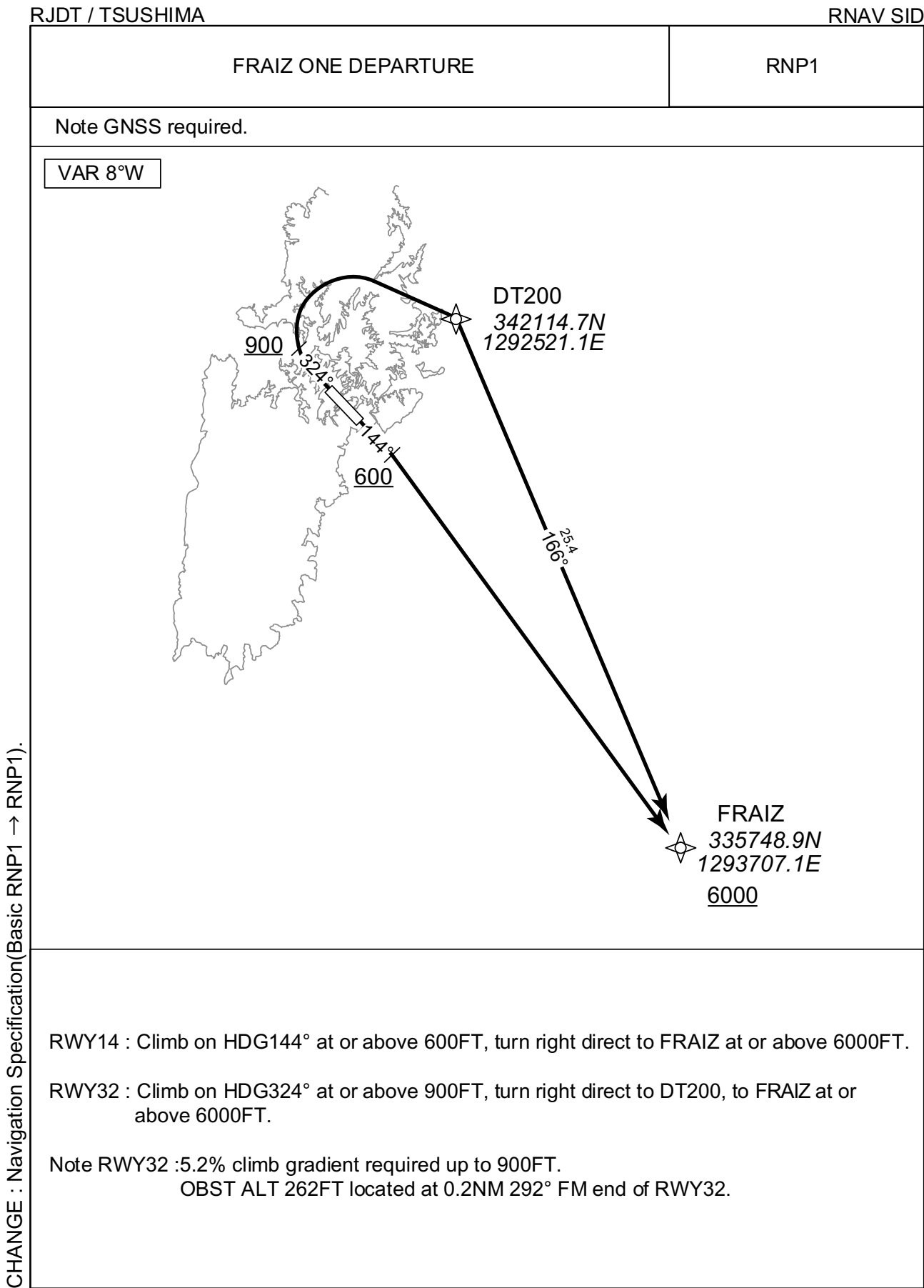
Note RWY 32 : 5.2% climb gradient required up to 900FT.

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
CHANGE : Navigation Specification(Basic RNP1 → RNP1).											

STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

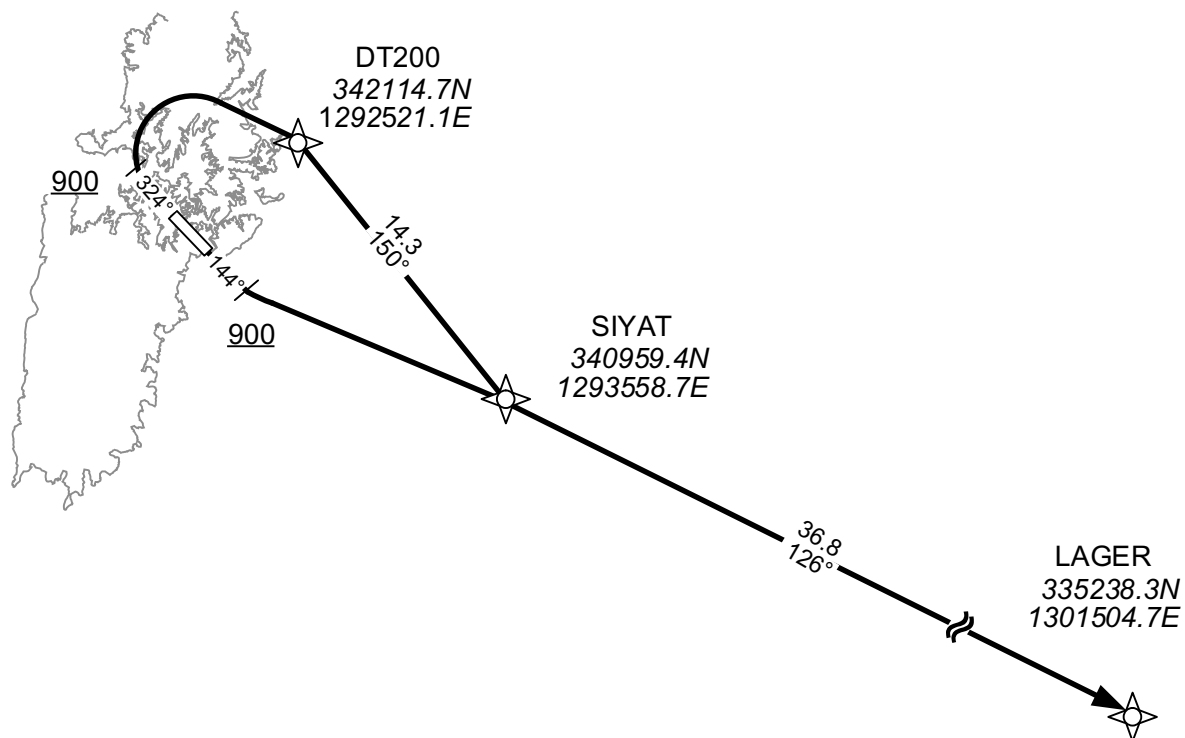
RNAV SID

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

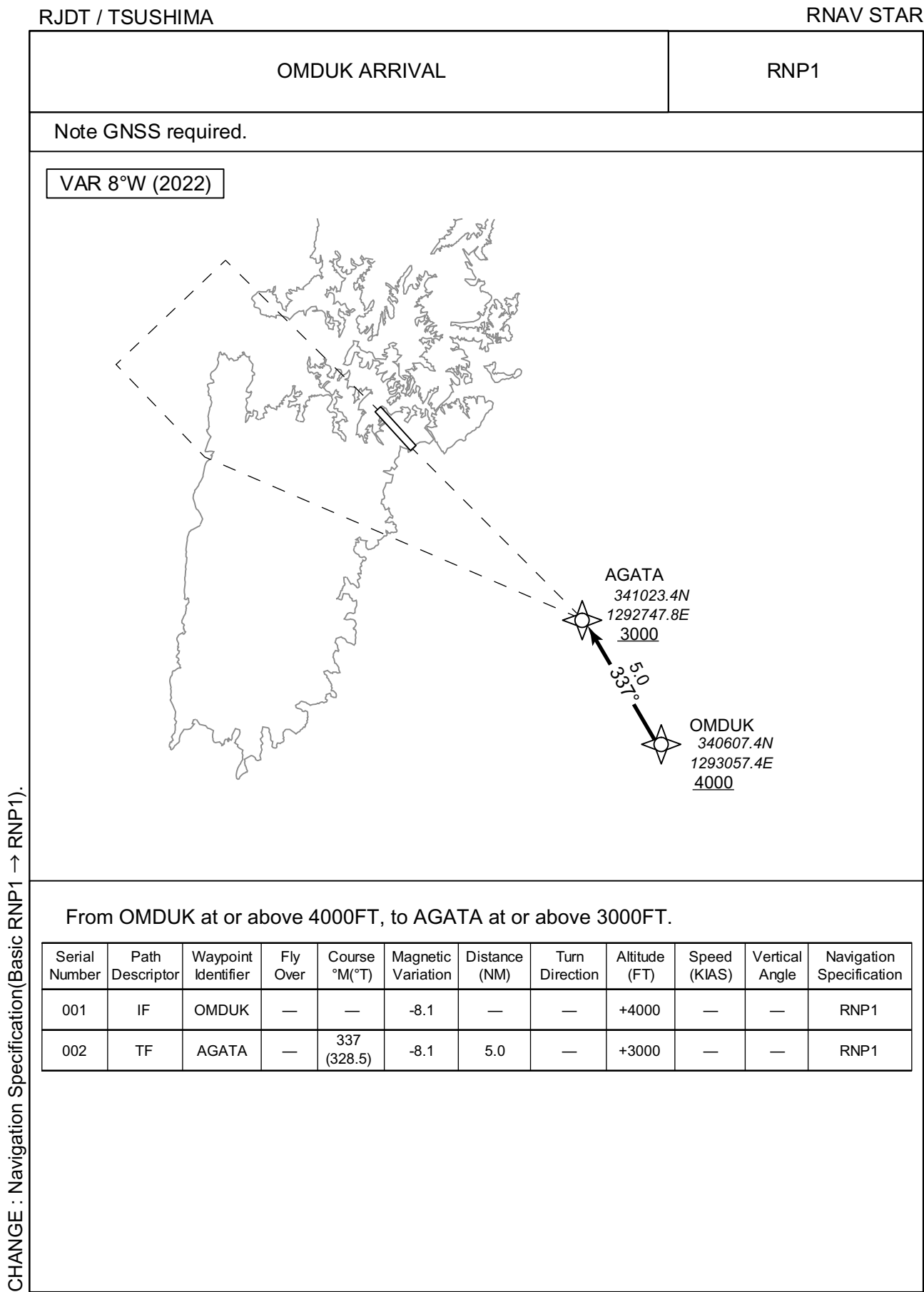
RWY14

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

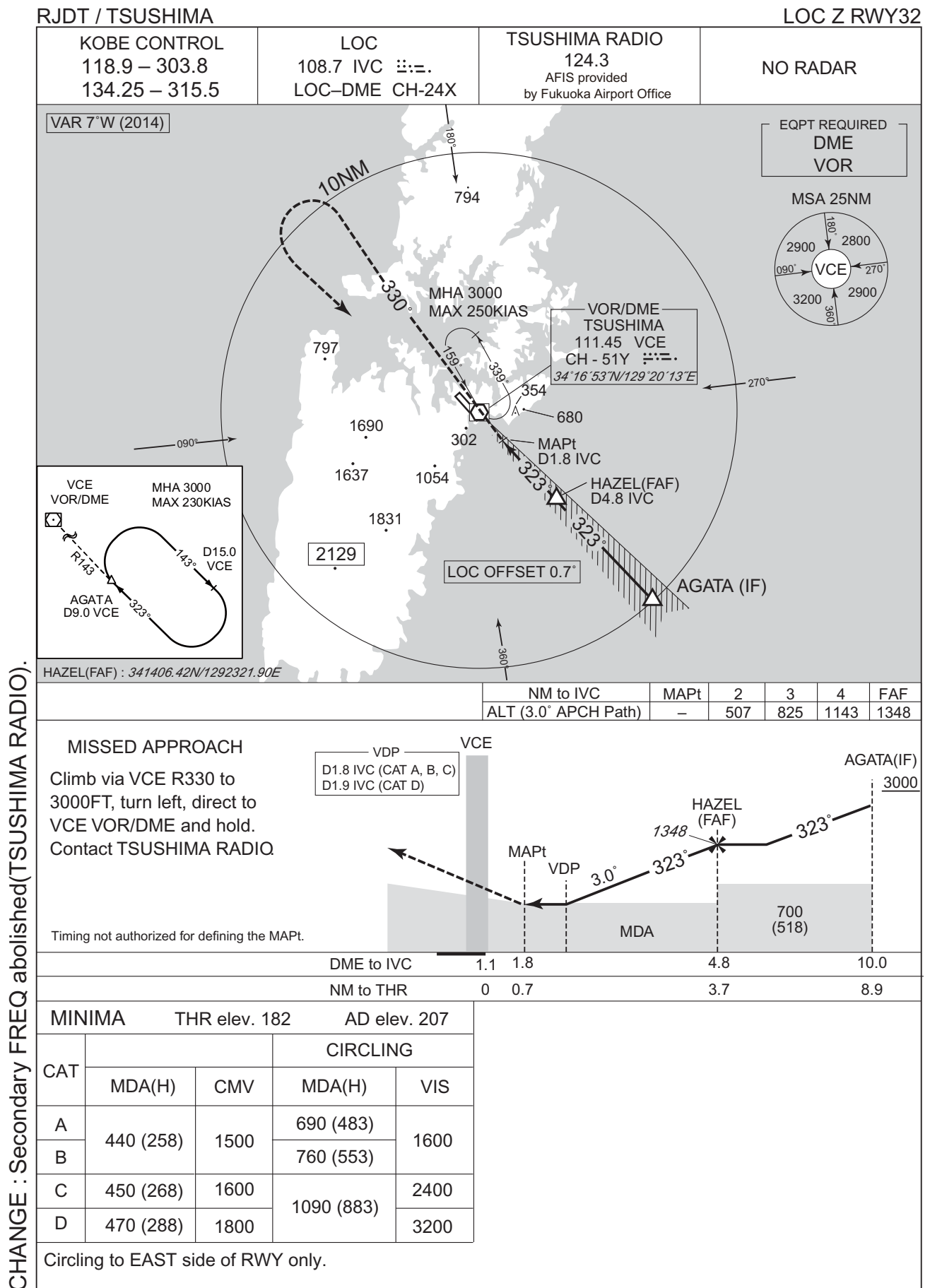
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	324 (316.2)	-7.9	-	-	+900	-	-	RNP1
002	DF	DT200	-	-	-7.9	-	R	-	-	-	RNP1
003	TF	SIYAT	-	150 (142.0)	-7.9	14.3	-	-	-	-	RNP1
004	TF	LAGER	-	126 (118.0)	-7.9	36.8	-	-	-	-	RNP1

STANDARD ARRIVAL CHART - INSTRUMENT



INTENTIONALLY LEFT BLANK

INSTRUMENT APPROACH CHART



RJDT / TSUSHIMA

LOC Y RWY32

KOBE CONTROL

118.9 – 303.8

134.25 – 315.5

LOC

108.7 IVC

LOC-DME CH-24X

TSUSHIMA RADIO

124.3

AFIS provided
by Fukuoka Airport Office

NO RADAR

VAR 7°W (2014)

EQPT REQUIRED

DME

VOR

MSA 25NM

VCE

2900

2800

2700

2600

2500

2400

2300

2200

2100

2000

1900

1800

1700

1600

1500

1400

1300

1200

1100

1000

900

800

700

600

500

400

300

200

100

0

HAZEL(FAF) : 341406.42N/1292321.90E

HAZEL(FAF)

341406.42N/1292321.90E

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

MISSED APPROACH

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

3000 VCE

159°

Turn initiation within D11.0 VCE

HAZEL (FAF)

1348

323°

1800

MDA

700 (518)

3.0°

MAPt

VDP

VDP

D1.8 IVC (CAT A, B, C)

D1.9 IVC (CAT D)

Timing not authorized for defining the MAPt.

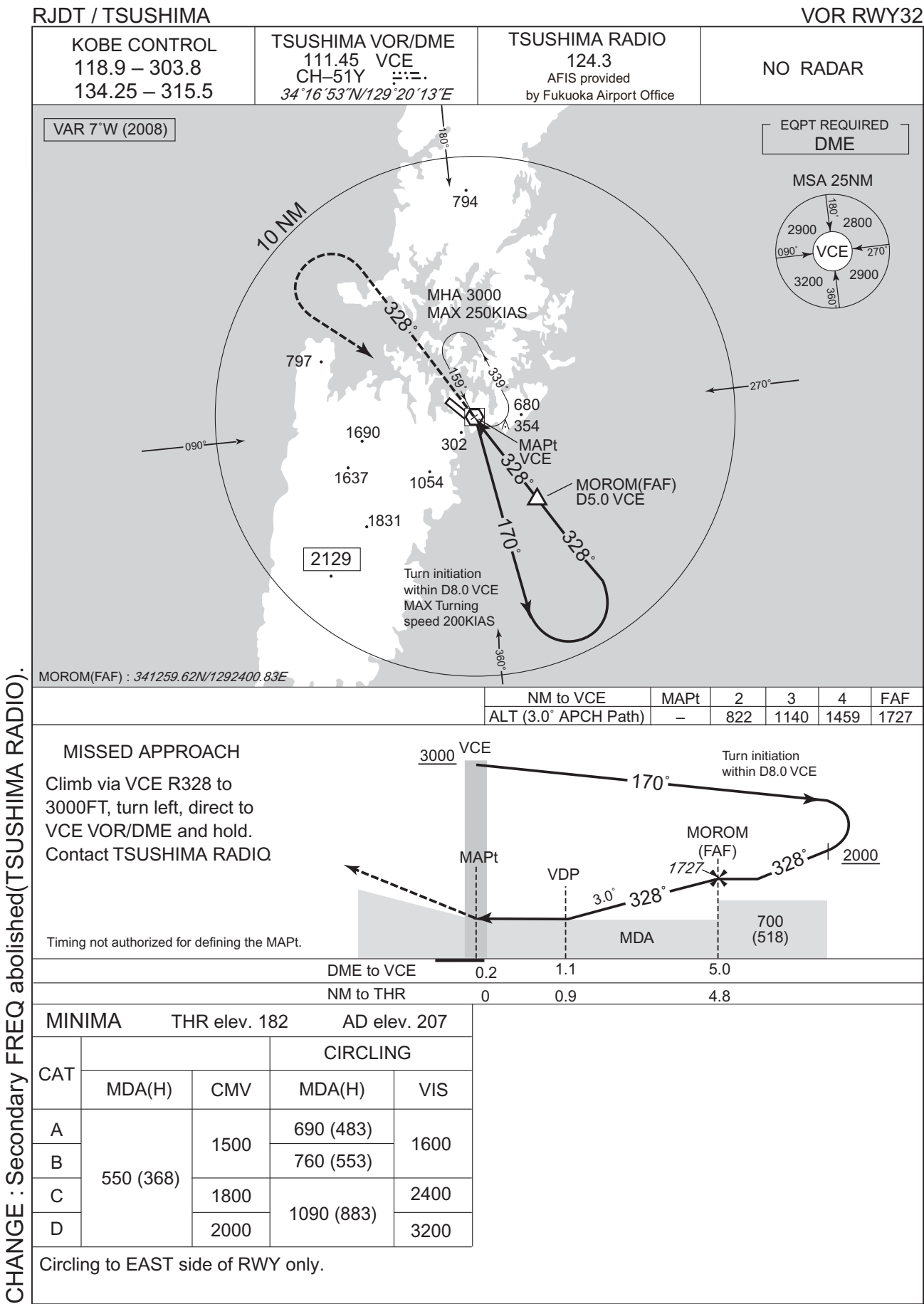
	DME to IVC	1.1	1.8	4.8
	NM to THR	0	0.7	3.7

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.

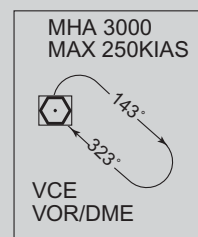
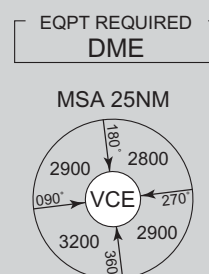
CHANGE : Secondary FREQ abolished(TSUSHIMA RADIO).

INSTRUMENT APPROACH CHART



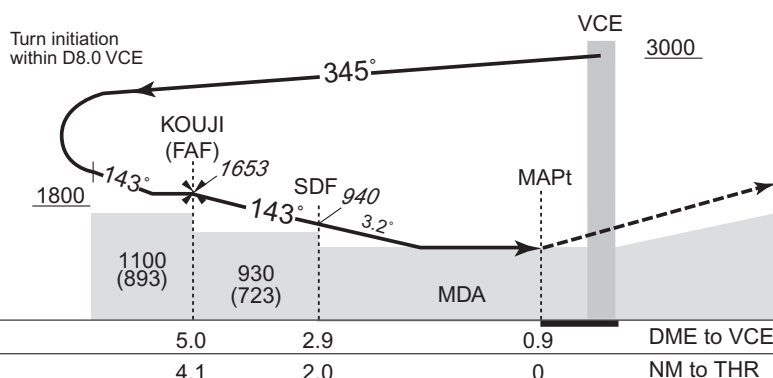
RJDT / TSUSHIMA

VOR RWY14

VAR 7°W (2008)

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.

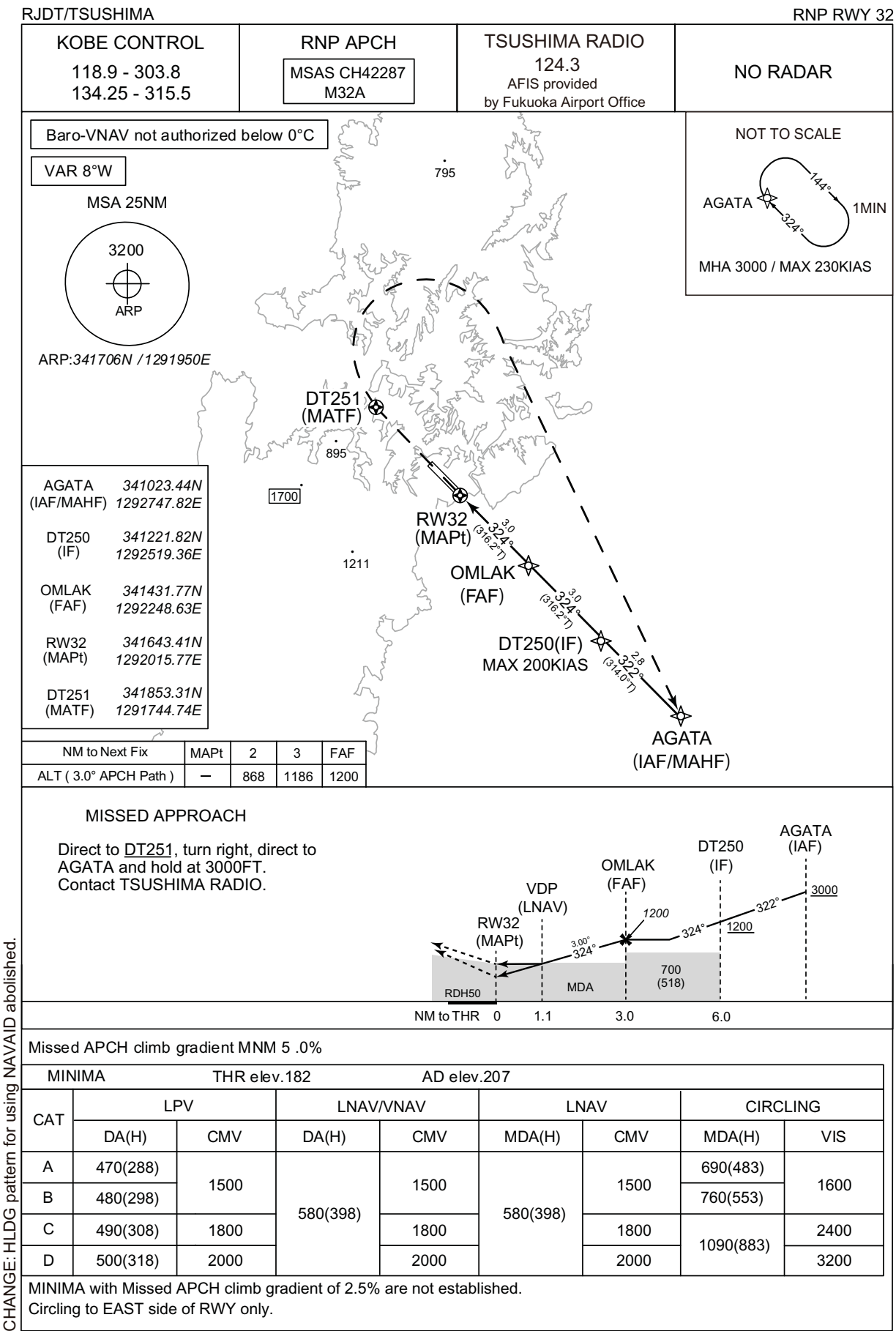
PAPI and descent angles not coincident.
Timing not authorized for defining the MAPt.

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).

INSTRUMENT APPROACH CHART



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

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

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

NOT TO SCALE

AGATA 1MIN 144° 324°

MHA 3000 / MAX 230KIAS

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.

SARUI (IF)

ITTOK (FAF)

DT450 (SDF) (LNAV)

VDP (LNAV)

RW14 (MAPt)

MDA

RDH50

1600

1300

776

770 (563)

1100 (893)

144°

3.00°

144°

7.9

3.3

1.6

1.0

0

NM to THR

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)

1600

1800

1800

1090(883)

2400

C

489(284)

1800

2000

2000

3200

D

499(294)

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

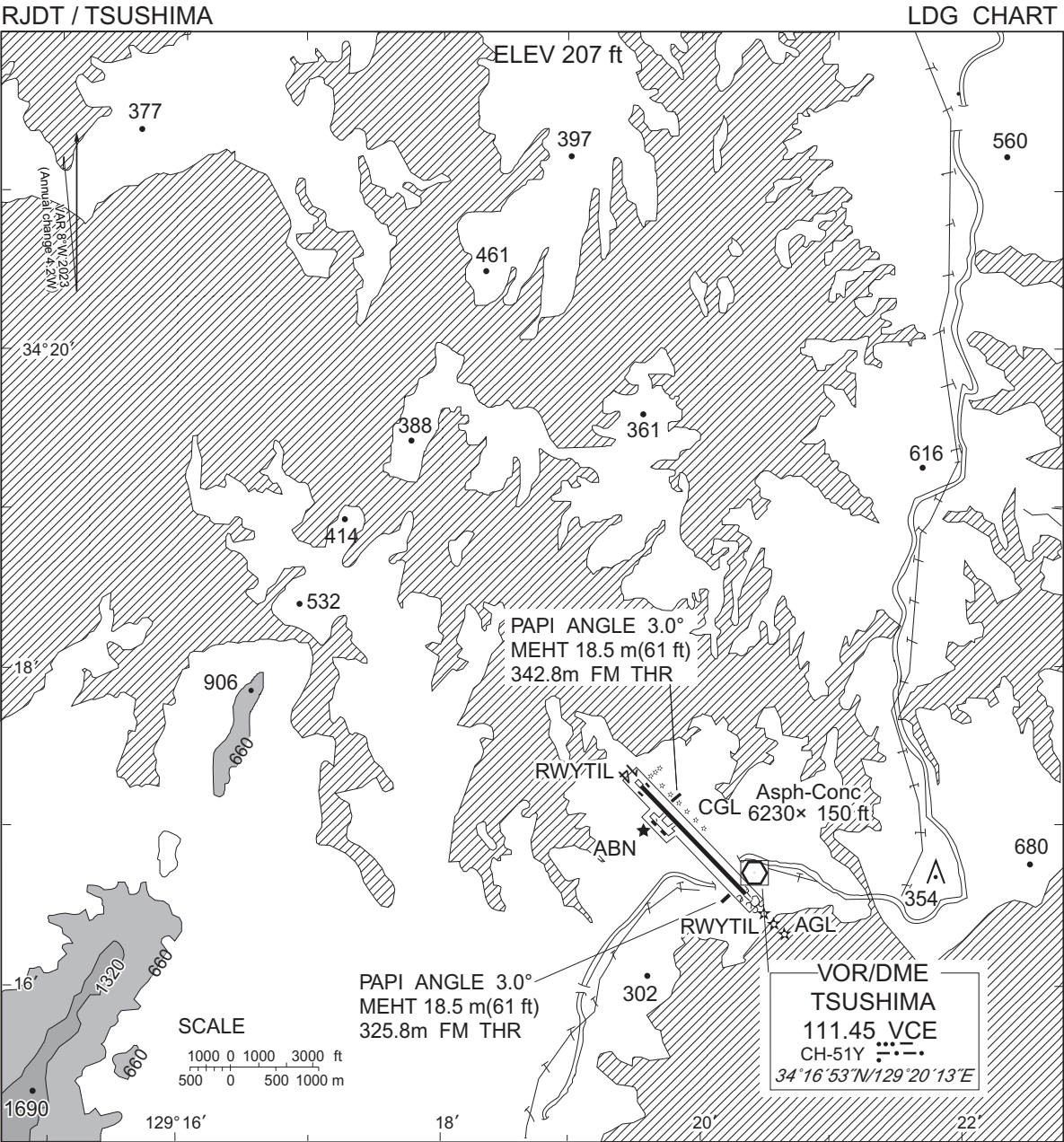
Visual REP



※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



CHANGE : VAR.

RJDT / TSUSHIMA

Minimum Vectoring Altitude CHART

