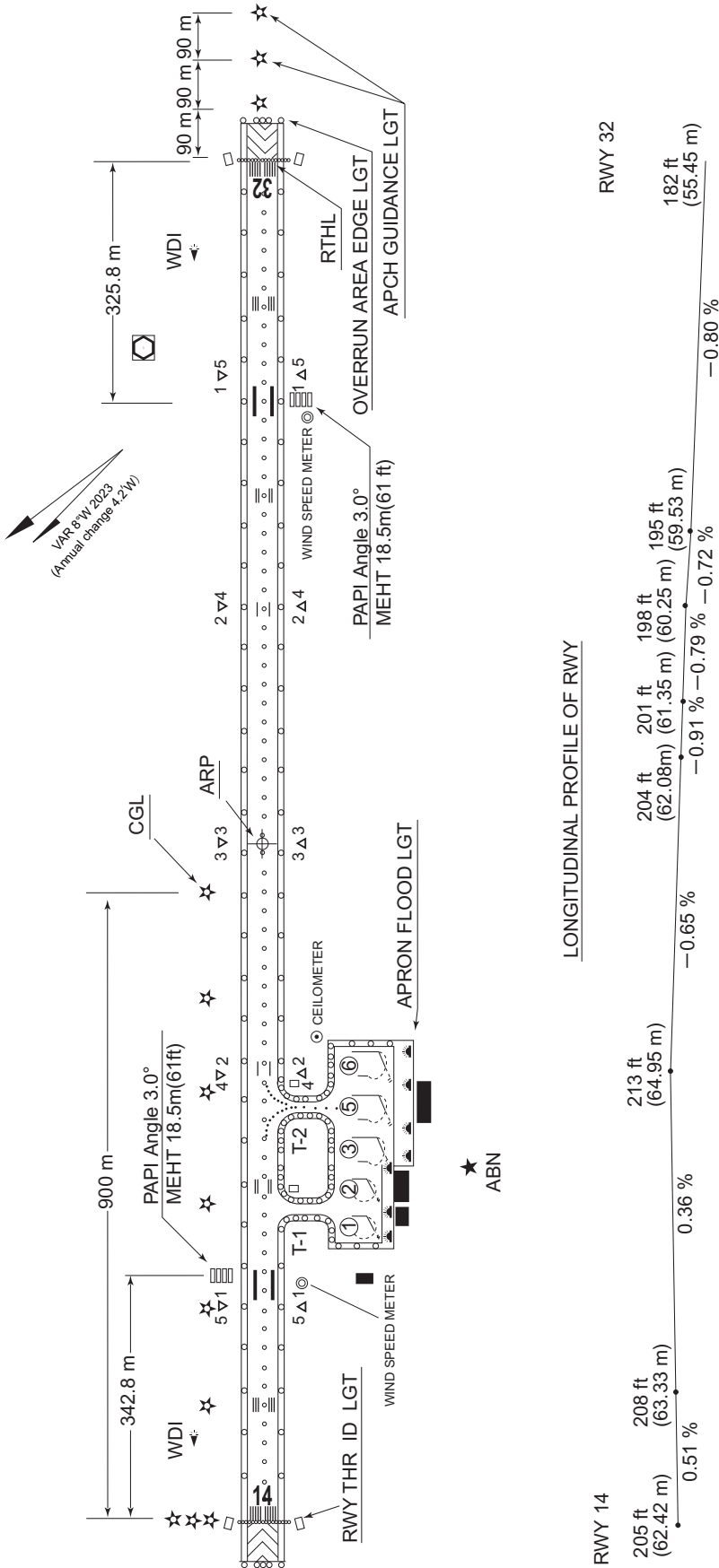


RJDT / TSUSHIMA

AD CHART

CHANGE : WIND SPEED METER, CEILOMETER added.

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 SEVEN DEPARTURE

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

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

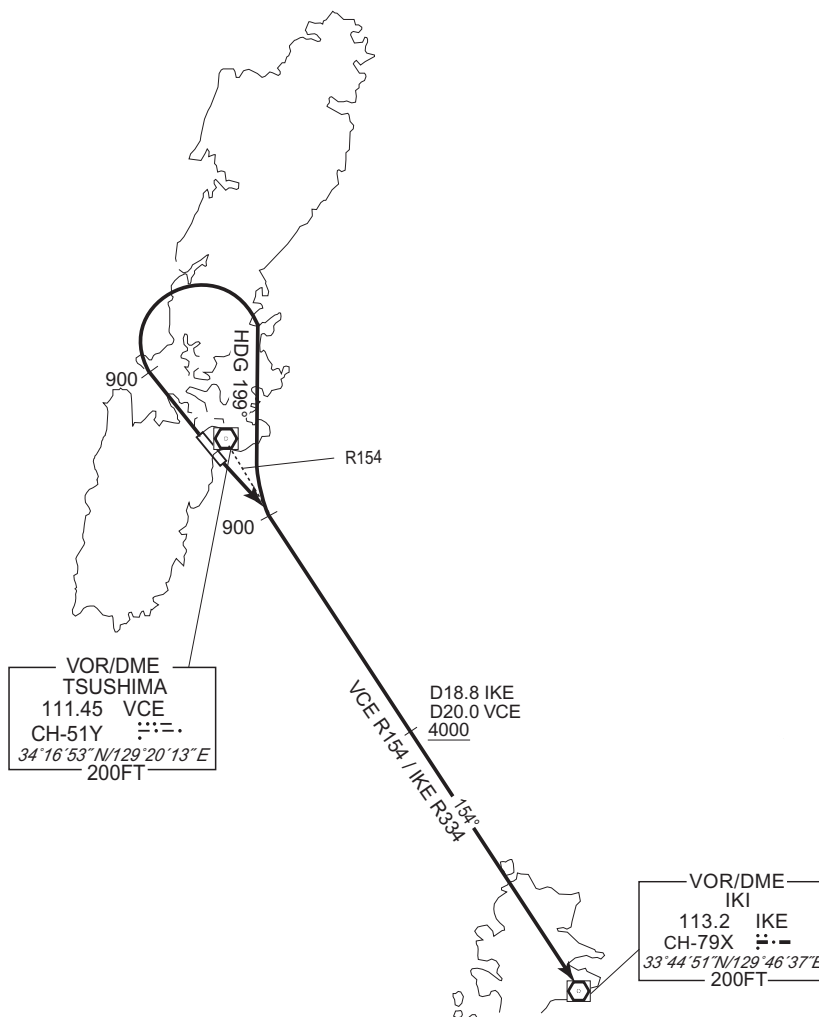
...to intercept and proceed via VCE R154/IKE R334 to IKE VOR/DME.

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.

CHANGE : LAGER FOUR DEPARTURE abolished.



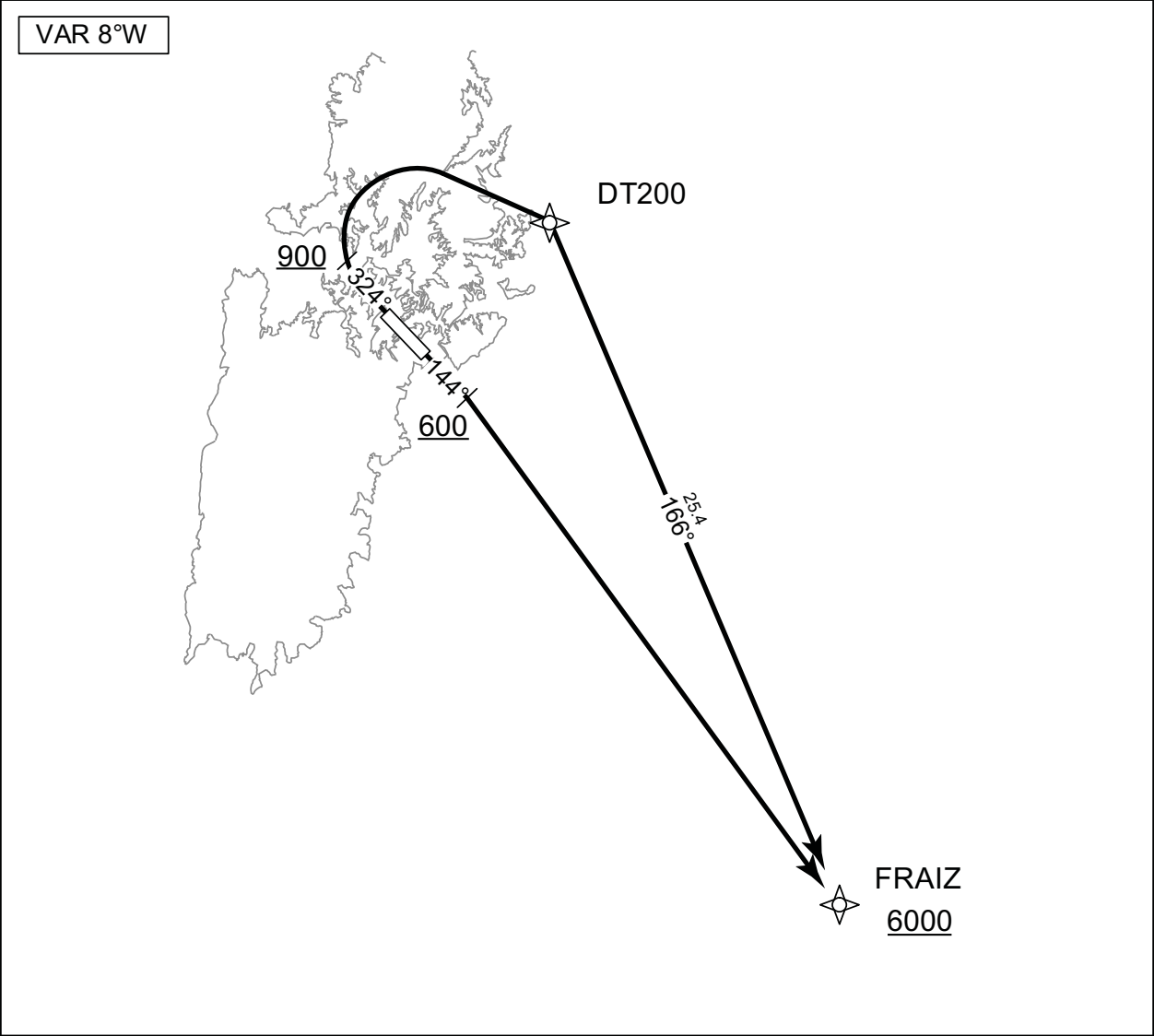
STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

RNAV SID

FRAIZ ONE DEPARTURE	RNP1
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Note GNSS required.



RWY14 : Climb on HDG144° at or above 600FT, turn right direct to FRAIZ at or above 6000FT.

RWY32 : Climb on HDG324° at or above 900FT, turn right direct to DT200, to FRAIZ at or above 6000FT.

Note RWY32 :5.2% climb gradient required up to 900FT.
OBST ALT 262FT located at 0.2NM 292° FM end of RWY32.

CHANGE : Latitude and longitude deleted.

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

Waypoint Coordinates

Waypoint Identifier	Coordinates
DT200	342114.7N / 1292521.1E
FRAIZ	335748.9N / 1293707.1E

CHANGE : Waypoint Coordinates added.

STANDARD ARRIVAL CHART - INSTRUMENT

RJDT / TSUSHIMA

RNAV STAR

OMDUK ARRIVAL	RNP1
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Note GNSS required.

VAR 8°W



From OMDUK at or above 4000FT, to AGATA at or above 3000FT.

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	OMDUK	—	—	-8.1	—	—	+4000	—	—	RNP1
002	TF	AGATA	—	337 (328.5)	-8.1	5.0	—	+3000	—	—	RNP1

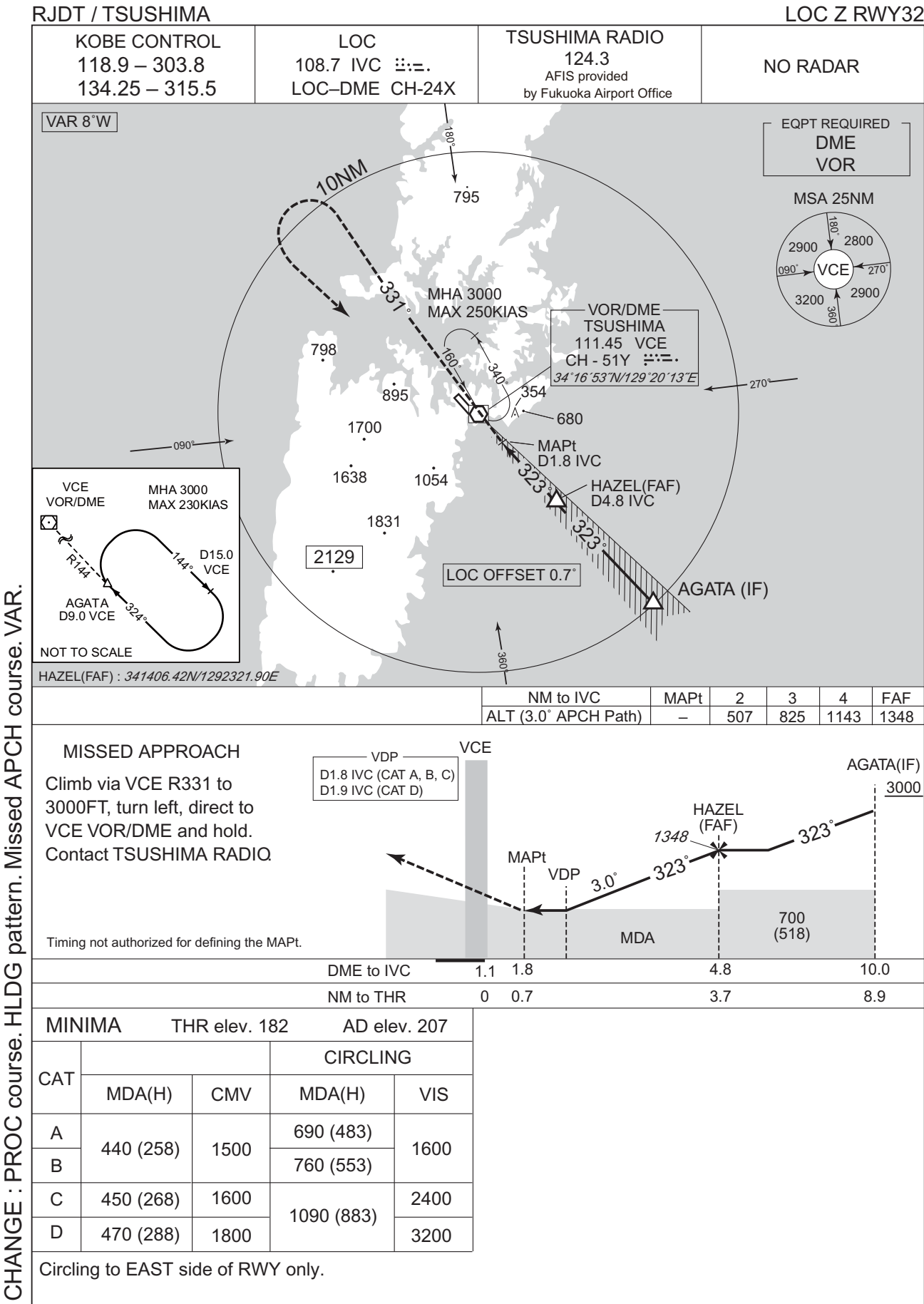
Waypoint Coordinates

Waypoint Identifier	Coordinates
OMDUK	340607.4N / 1293057.4E
AGATA	341023.4N / 1292747.8E

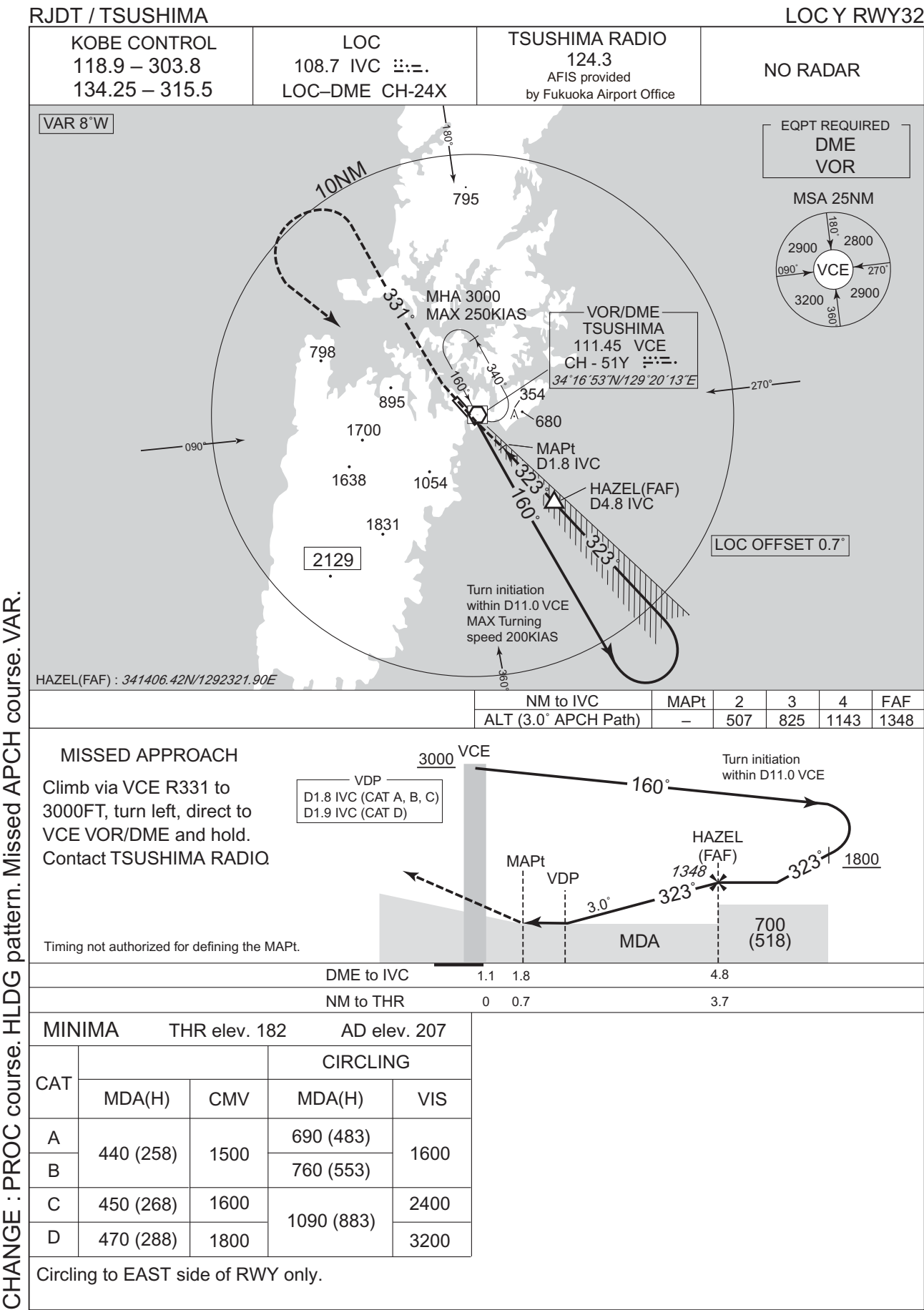
CHANGE : Waypoint Coordinates added.

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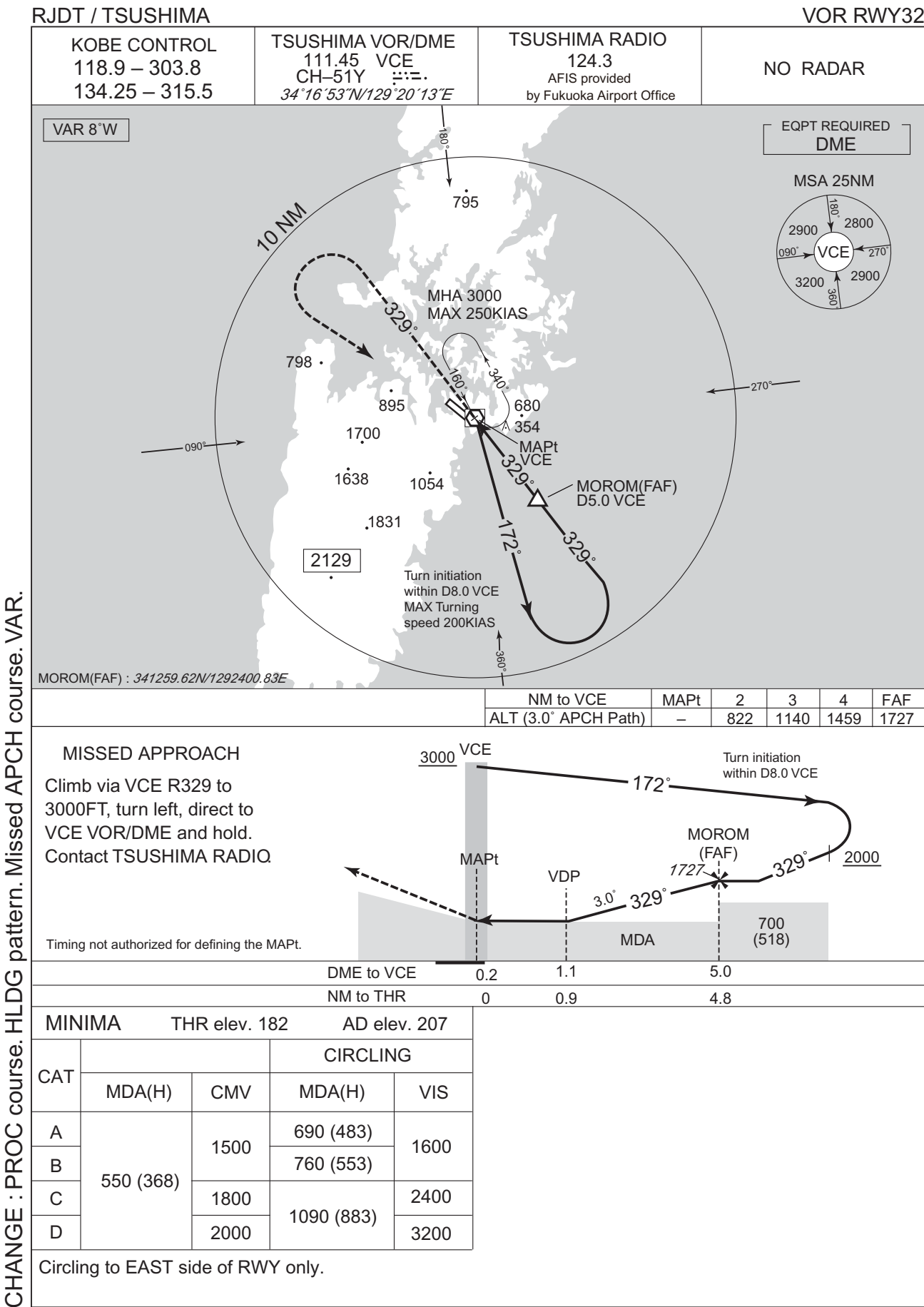
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



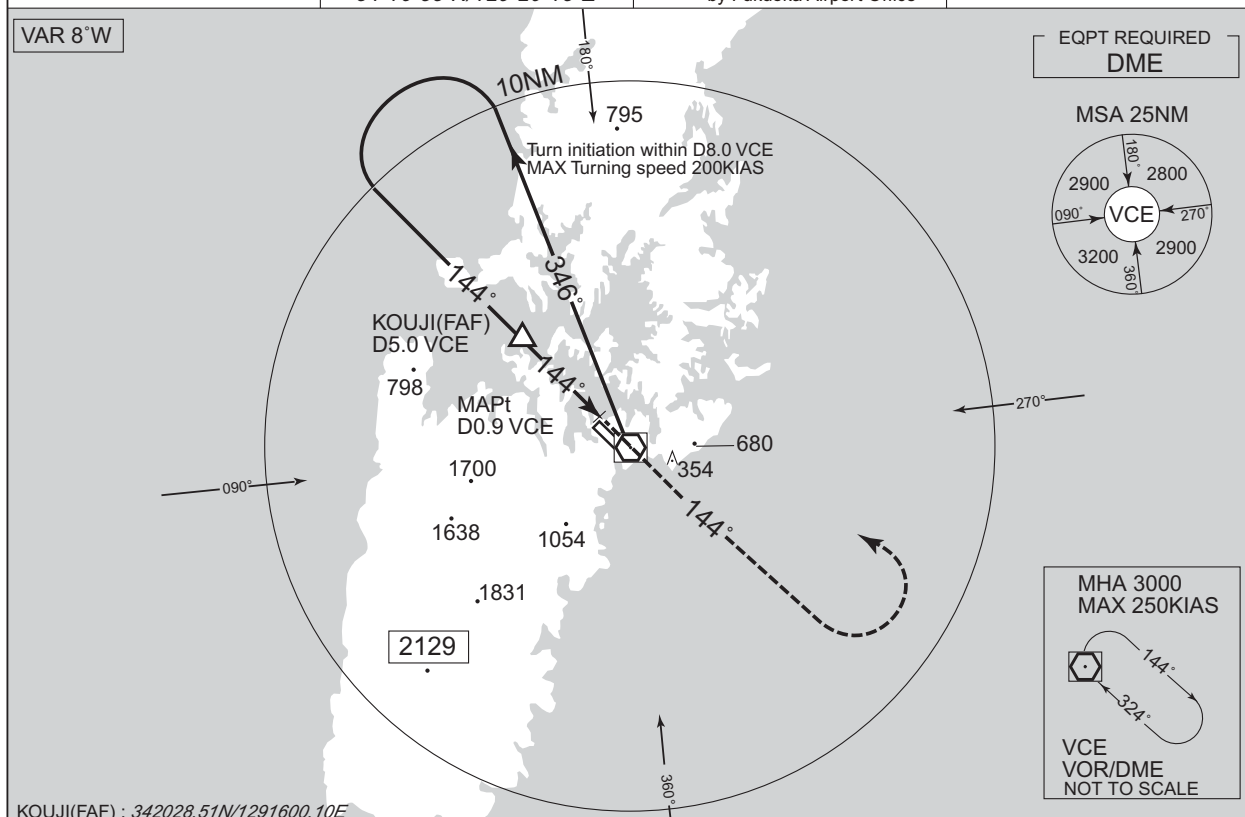
INSTRUMENT APPROACH CHART



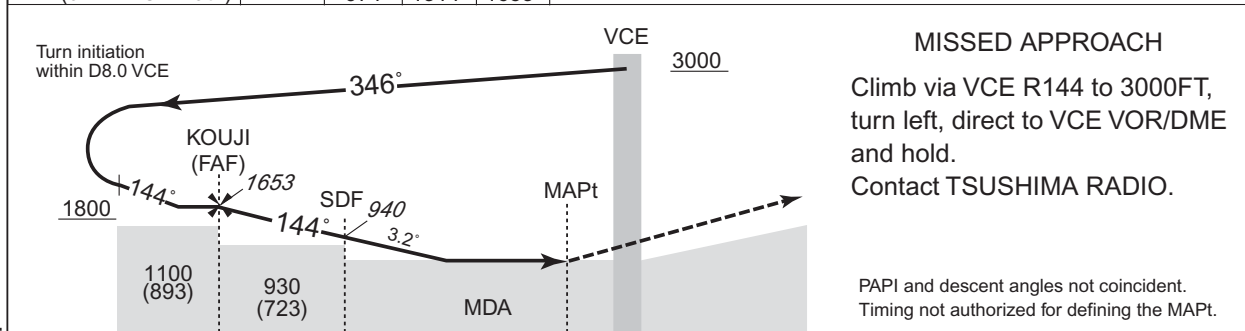
RJDT / TSUSHIMA

VOR RWY14

KOBE CONTROL 118.9 – 303.8 134.25 – 315.5	TSUSHIMA VOR/DME 111.45 VCE CH-51Y 34°16'53"N/129°20'13"E	TSUSHIMA RADIO 124.3 AFIS provided by Fukuoka Airport Office	NO RADAR
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NM to VCE	MAPt	3	4	FAF
ALT (3.2° APCH Path)	—	974	1314	1653



5.0	2.9	0.9	DME to VCE
4.1	2.0	0	NM to THR

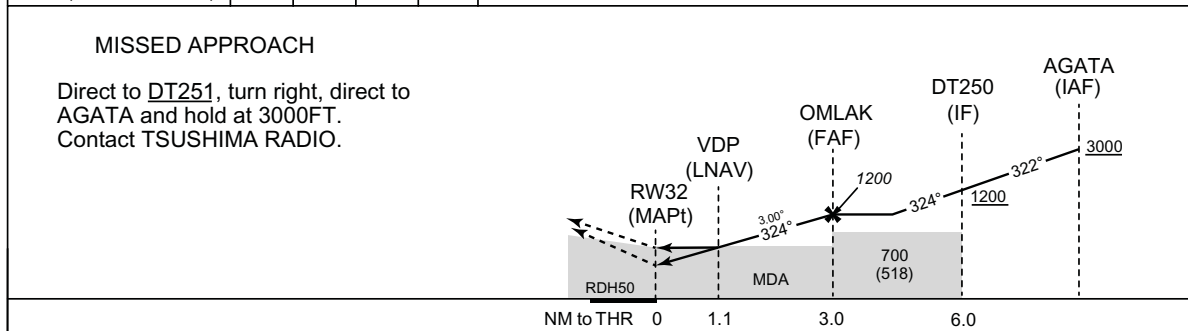
MINIMA		THR elev. 205	AD elev. 207	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	780 (573)	1500	780 (573)	1600
B				
C		2000	1090 (883)	2400
D				3200

Circling to EAST side of RWY only.

CHANGE : PROC course. HLDG pattern. Missed APCH course. VAR.

RJD/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.

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

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

144° 1MIN

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

1100 (893)

770 (563)

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

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).

RJDT / TSUSHIMA

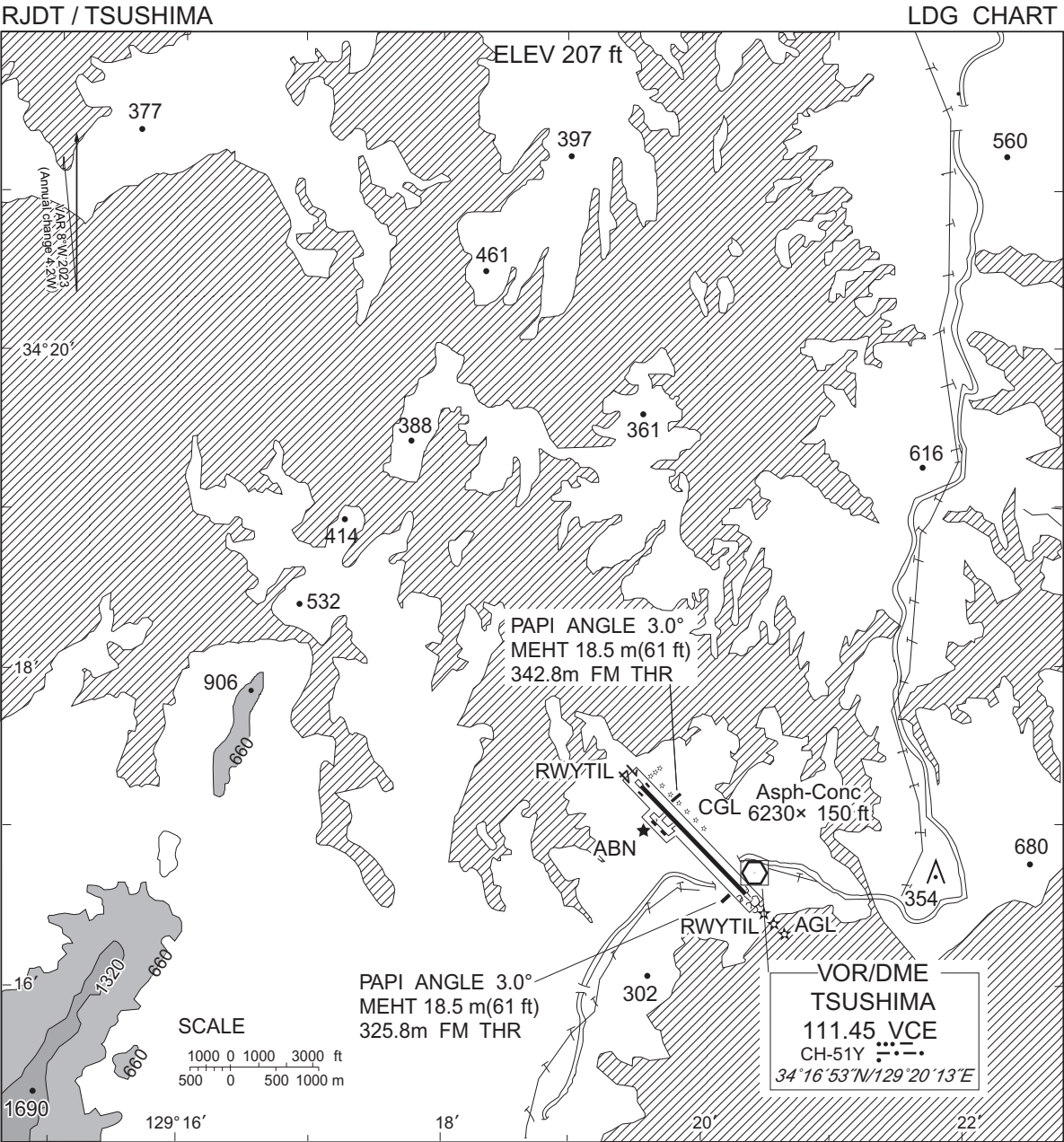
Visual REP



※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

