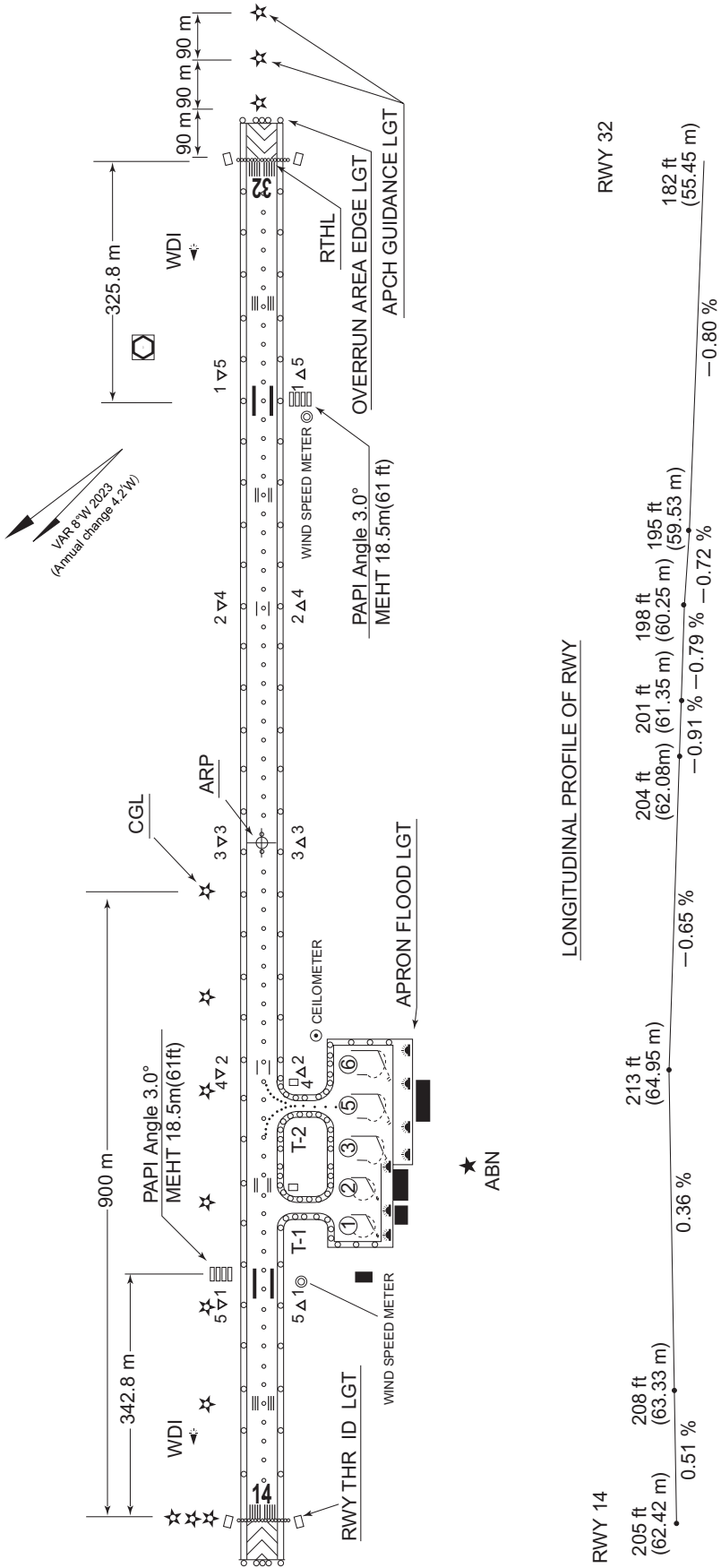


RJDT / TSUSHIMA

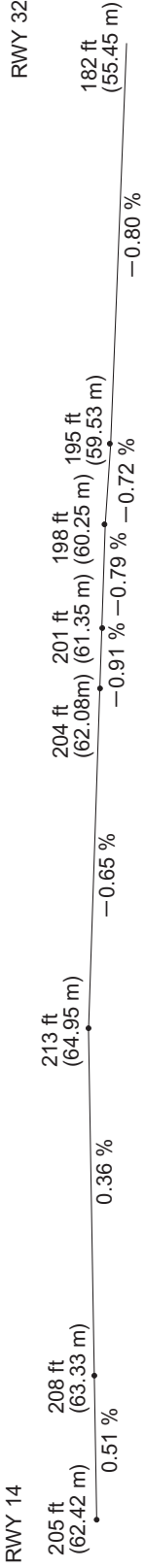
AD CHART

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

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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°,...

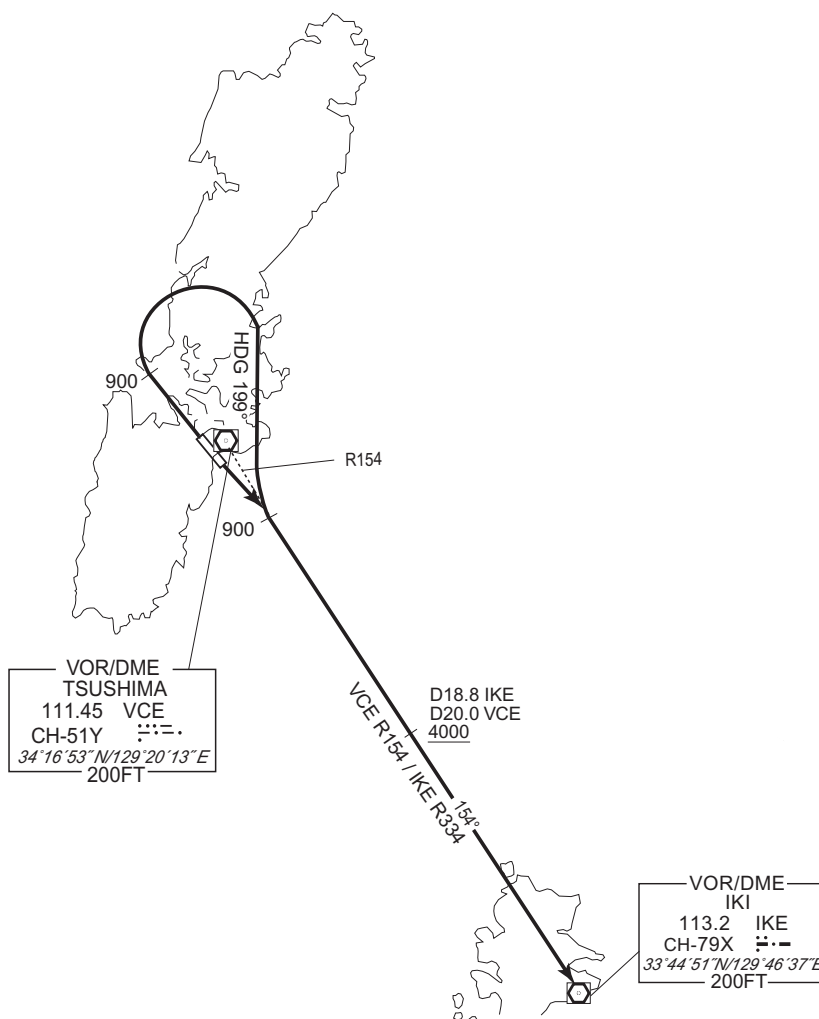
...to intercept and proceed via VCE R154/IKE R334 to IKE VOR/DME.

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.

CHANGE : LAGER FOUR DEPARTURE abolished.



STANDARD DEPARTURE CHART - INSTRUMENT

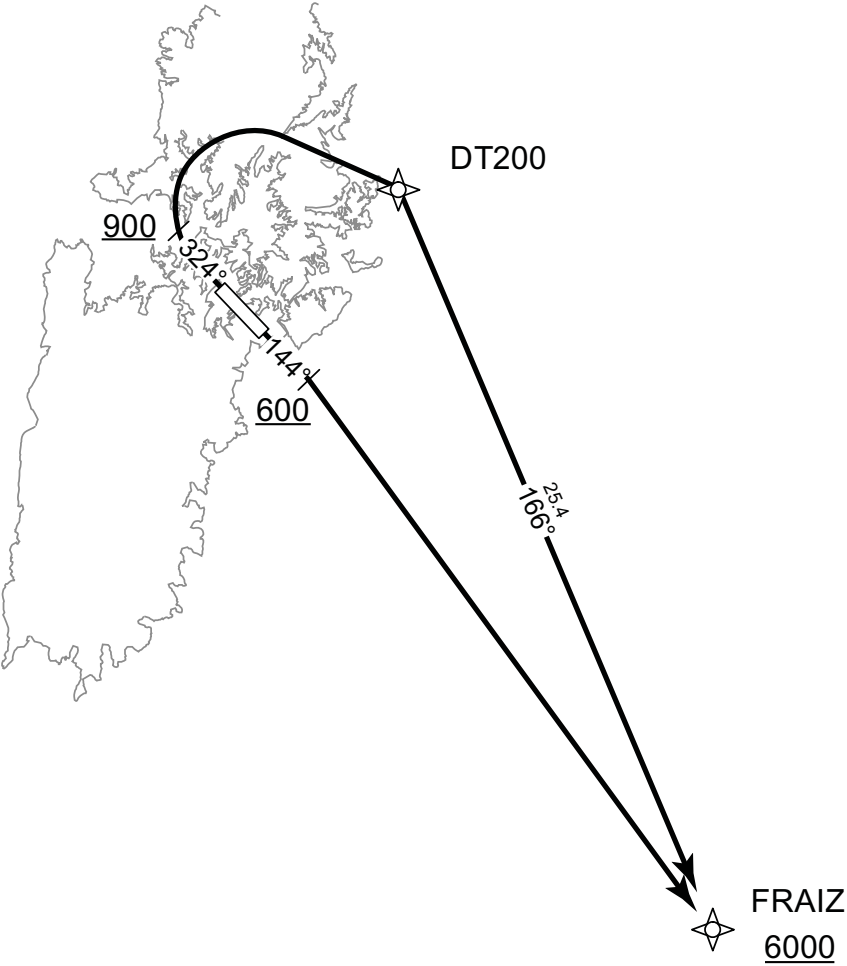
RJDT / TSUSHIMA

RNAV SID

FRAIZ ONE DEPARTURE	RNP1
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Note GNSS required.

VAR 8°W



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

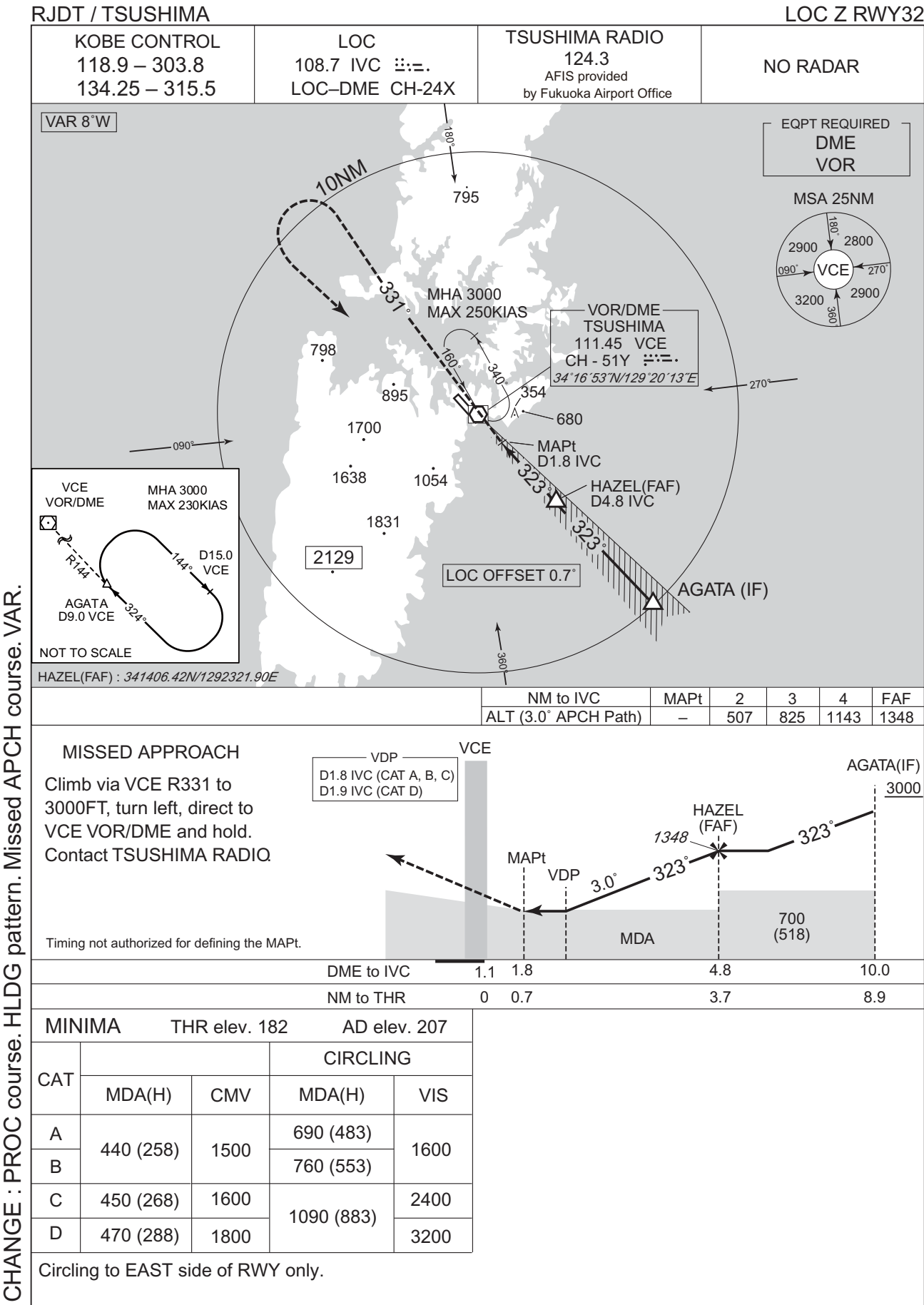
Waypoint Coordinates

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

CHANGE : Waypoint Coordinates added.

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INSTRUMENT APPROACH CHART





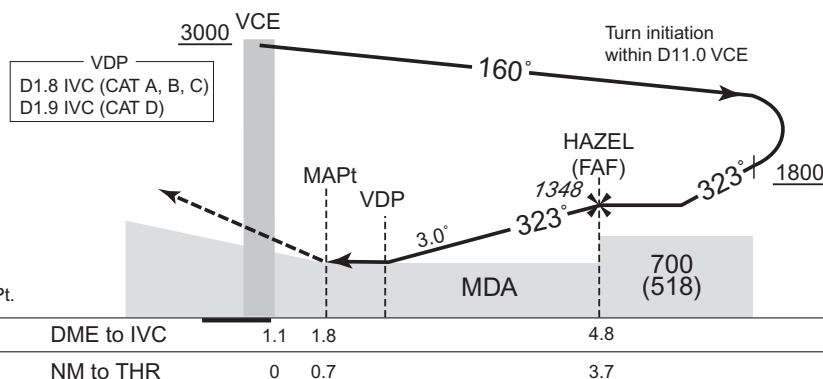
## RJDT / TSUSHIMA

LOC Y RWY32



Climb via VCE R331 to 3000FT, turn left, direct to VCE VOR/DME and hold. Contact TSUSHIMA RADIO.

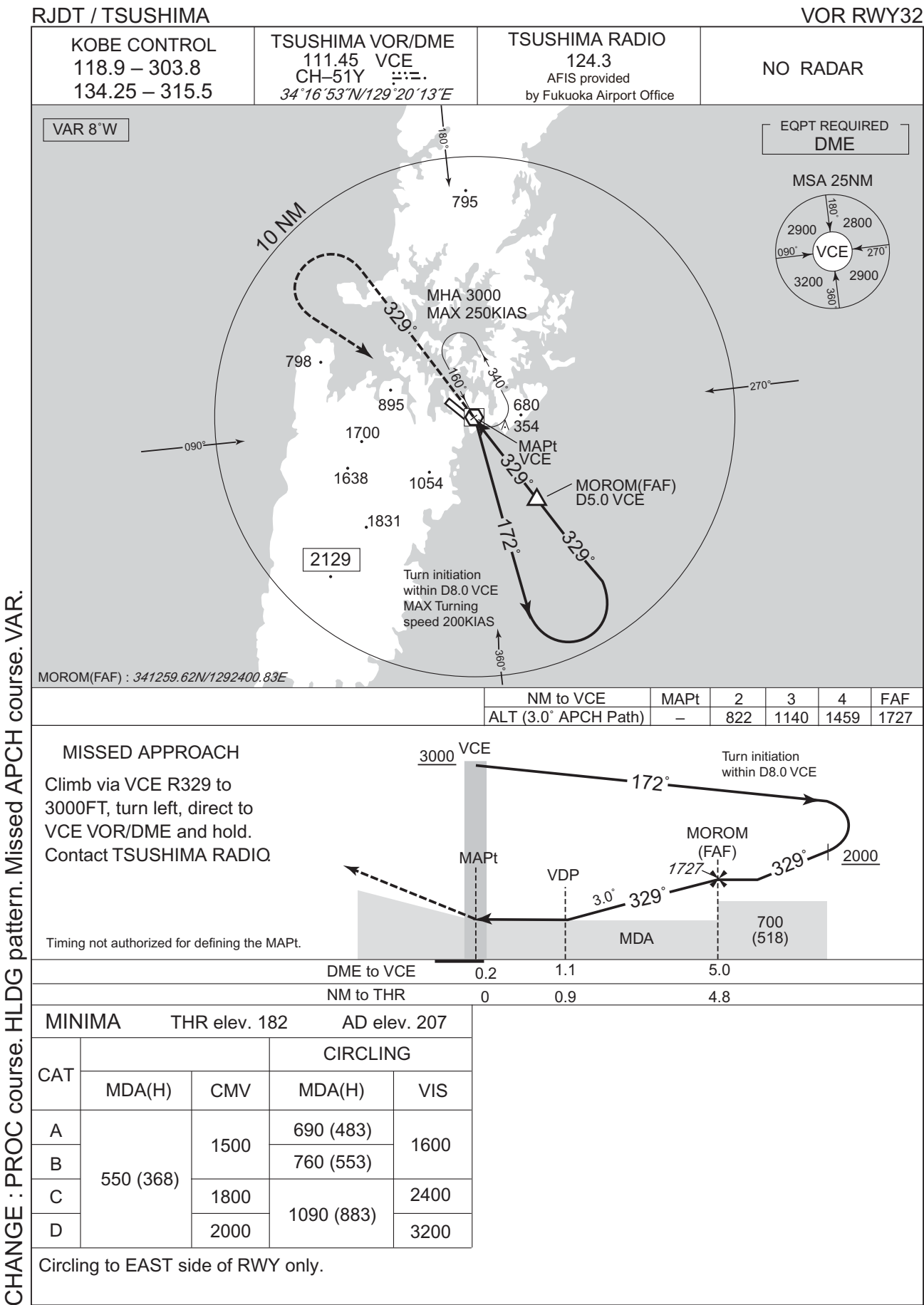
Timing not authorized for defining the MAPt.



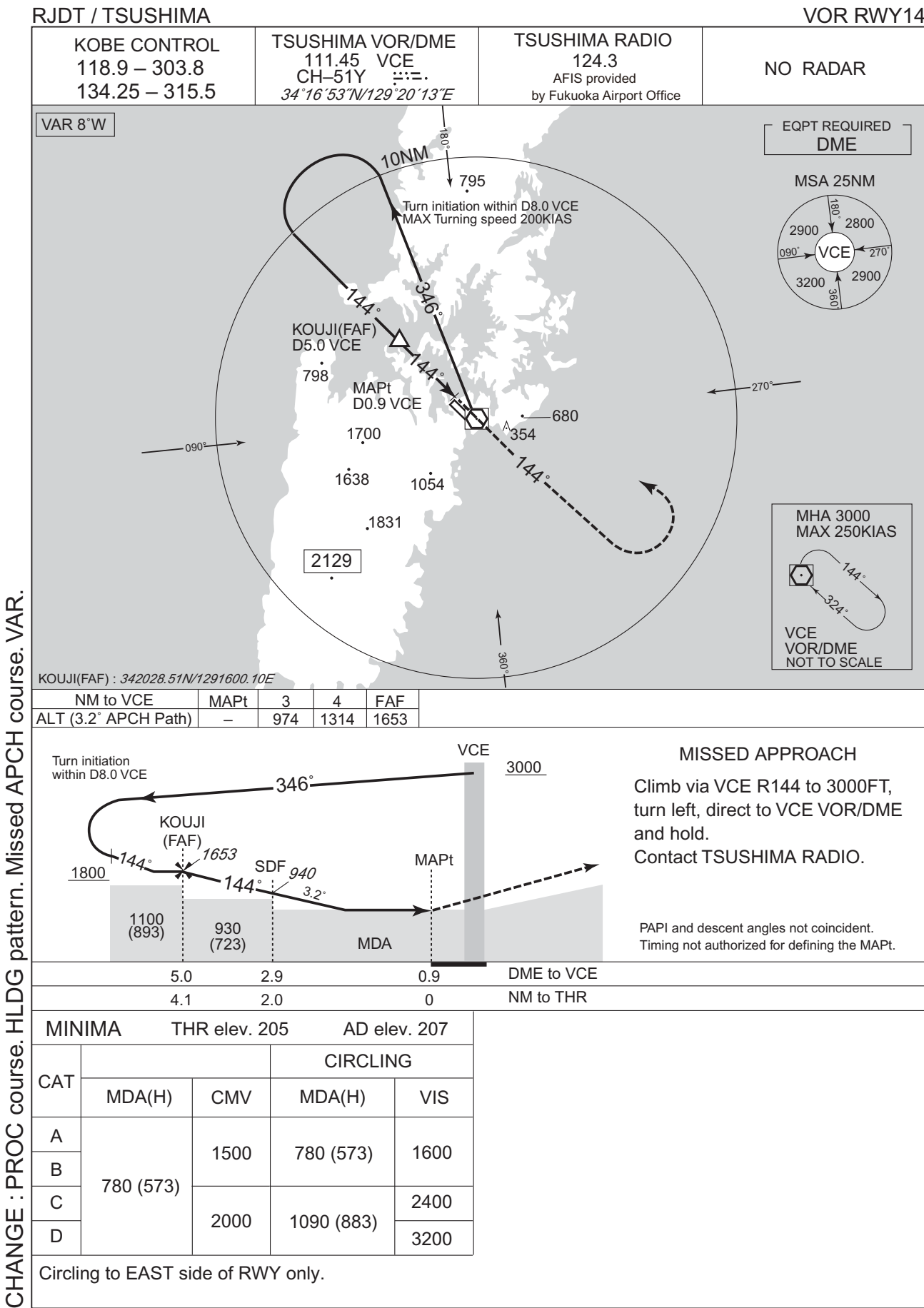
MINIMA		THR elev. 182	AD elev. 207	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	440 (258)	1500	690 (483)	1600
B			760 (553)	
C	450 (268)	1600	1090 (883)	2400
D	470 (288)	1800		3200

Circling to EAST side of RWY only.

INSTRUMENT APPROACH CHART



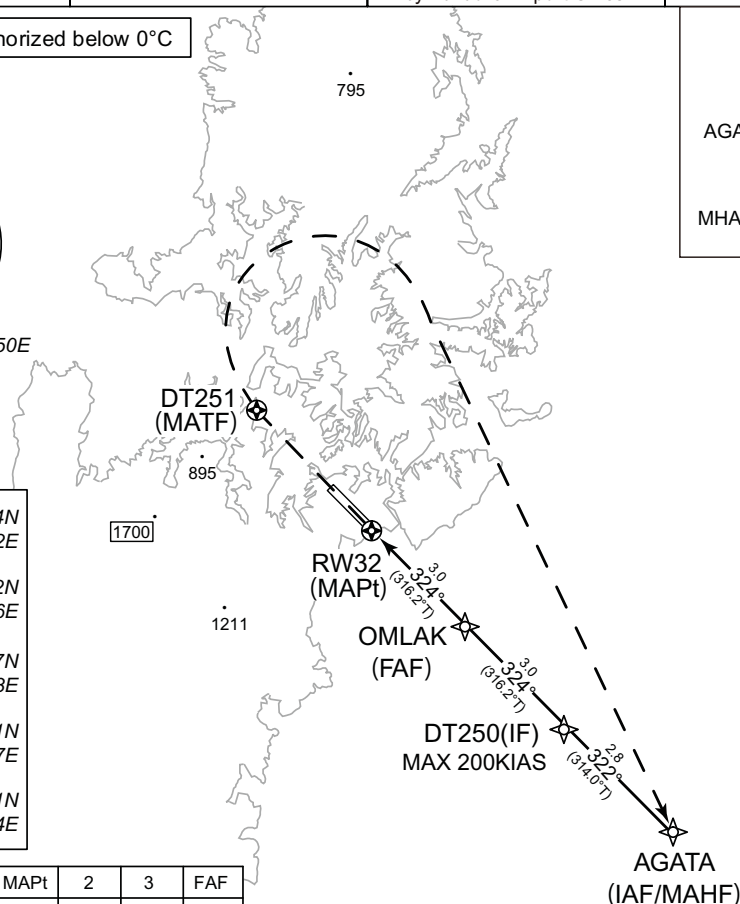
INSTRUMENT APPROACH CHART



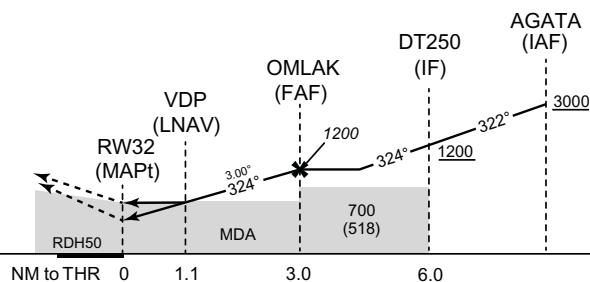
## RJDT/TSUSHIMA

RNP RWY 32

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



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**

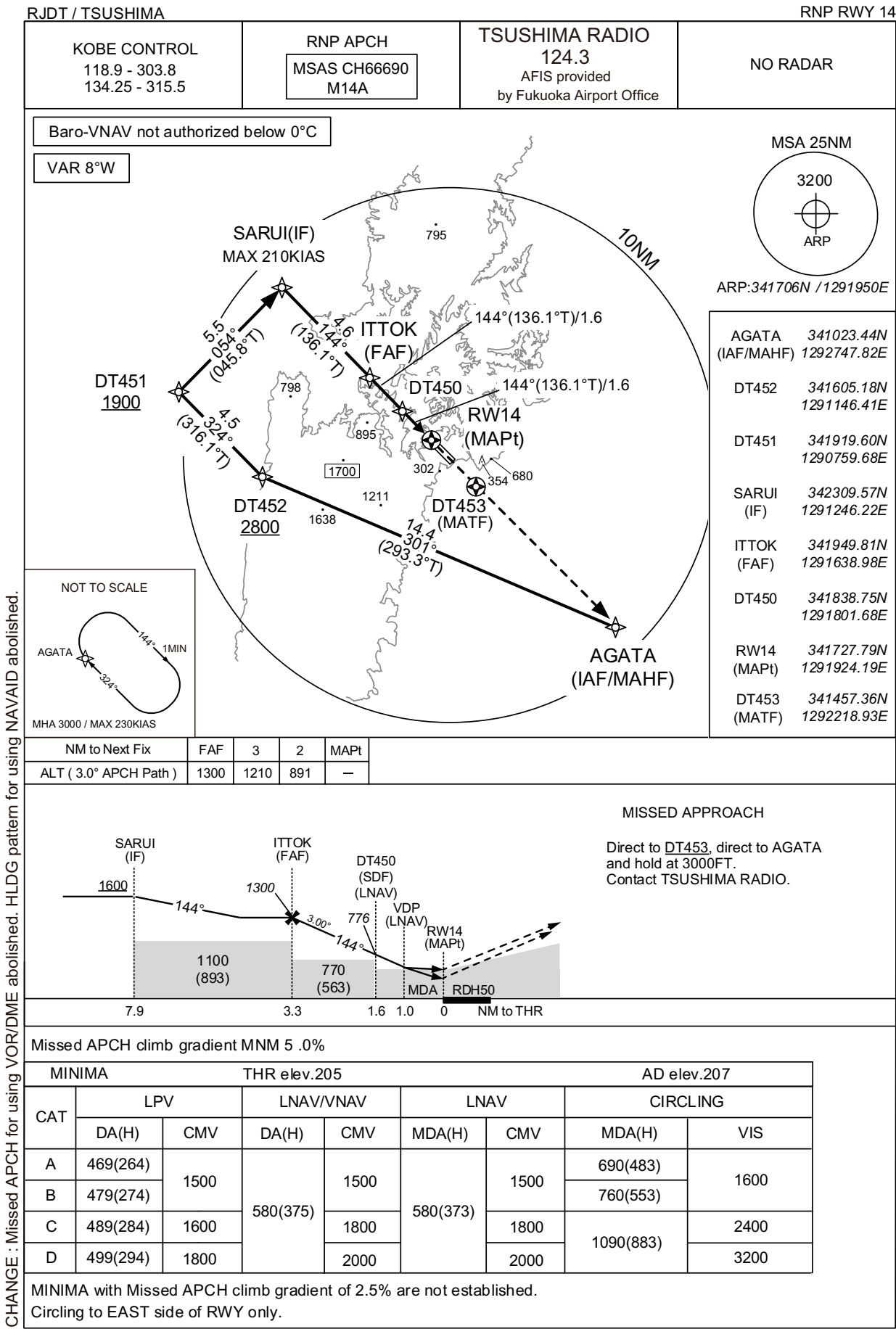
Operation type	0	LTP/FTP ellipsoidal height	+00861
SBAS service provider identifier	2	FPAP latitude	341727.7595N
Airport identifier	RJDT	FPAP longitude	1291924.2050E
Runway	32	Threshold crossing height	00015.0
Approach performance designator	0	TCH units selector	1
Route indicator		Glide path angle	03.00
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).

INSTRUMENT APPROACH CHART



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

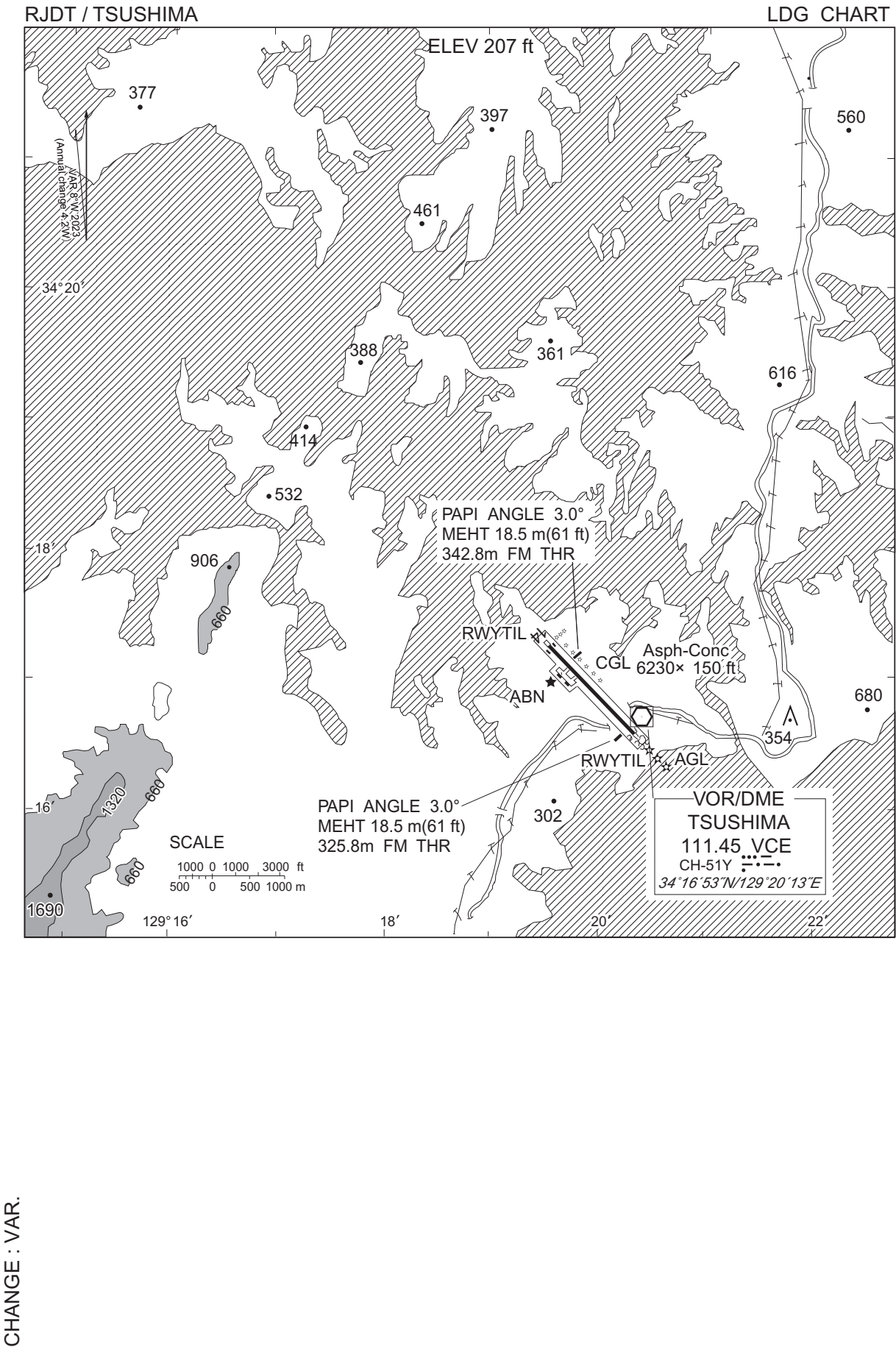


※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

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





RJDT / TSUSHIMA

Minimum Vectoring Altitude CHART

