

RJDT / TSUSHIMA

AD CHART



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STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

SID

IKISHIMA FIVE 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 : 3.9% climb gradient required up to 900FT.

OBST ALT 525FT located at 1.9NM 306° FM end of RWY 32.

LAGER TWO DEPARTURE

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

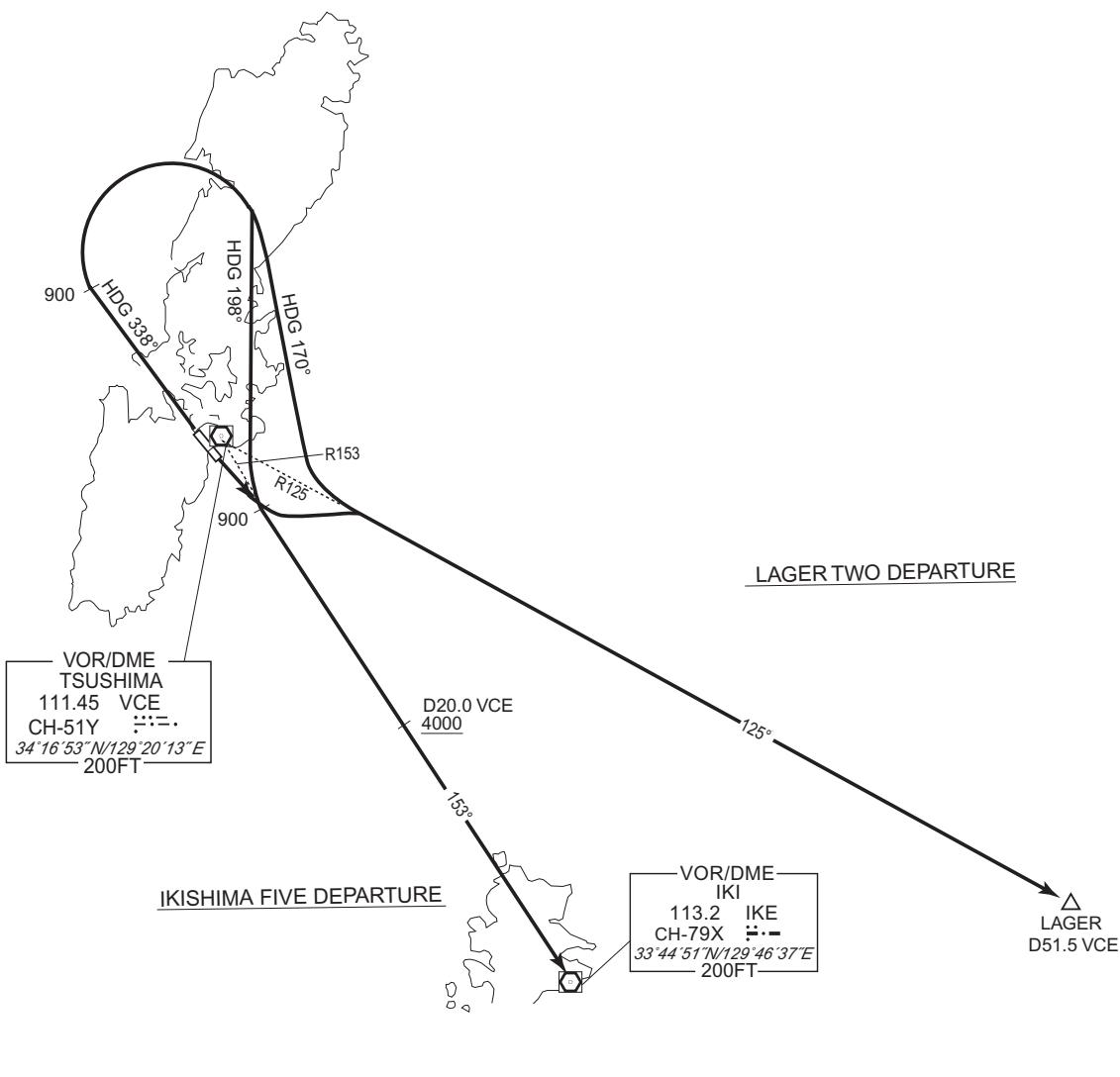
RWY 32 : Climb on HDG 338° to 900FT, turn right HDG 170°,...

...to intercept and proceed via VCE R125 to LAGER.

Note RWY 32 : 3.9% climb gradient required up to 900FT.

OBST ALT 525FT located at 1.9NM 306° FM end of RWY 32.

CHANGE : Distance FM VCE to LAGER added.



## STANDARD DEPARTURE CHART - INSTRUMENT

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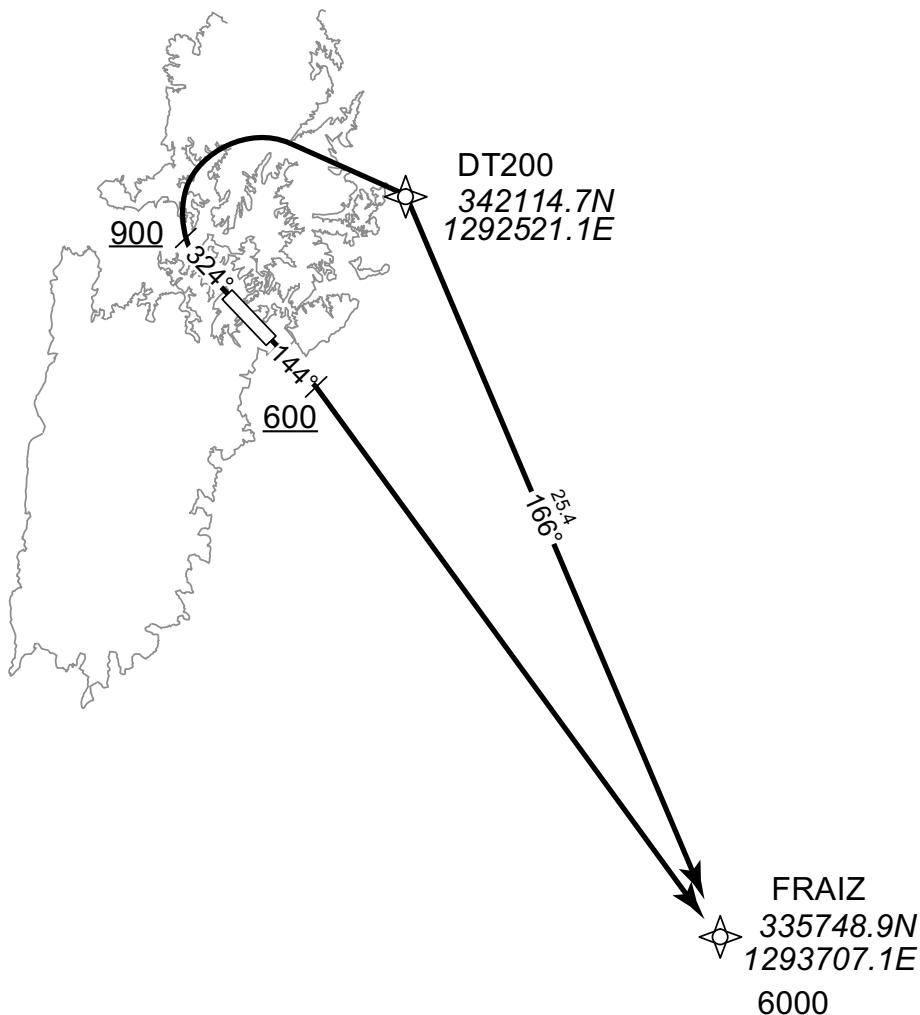
RNAV SID

FRAIZ ONE DEPARTURE

Basic RNP1

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 : New PROC.

## 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	-	-	Basic RNP1
002	DF	FRAIZ	-	-	-8.2	-	R	+6000	-	-	Basic 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	-	-	Basic RNP1
002	DF	DT200	-	-	-8.2	-	R	-	-	-	Basic RNP1
003	TF	FRAIZ	-	166 (157.4)	-8.2	25.4	-	+6000	-	-	Basic RNP1

CHANGE : New PROC.

## STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

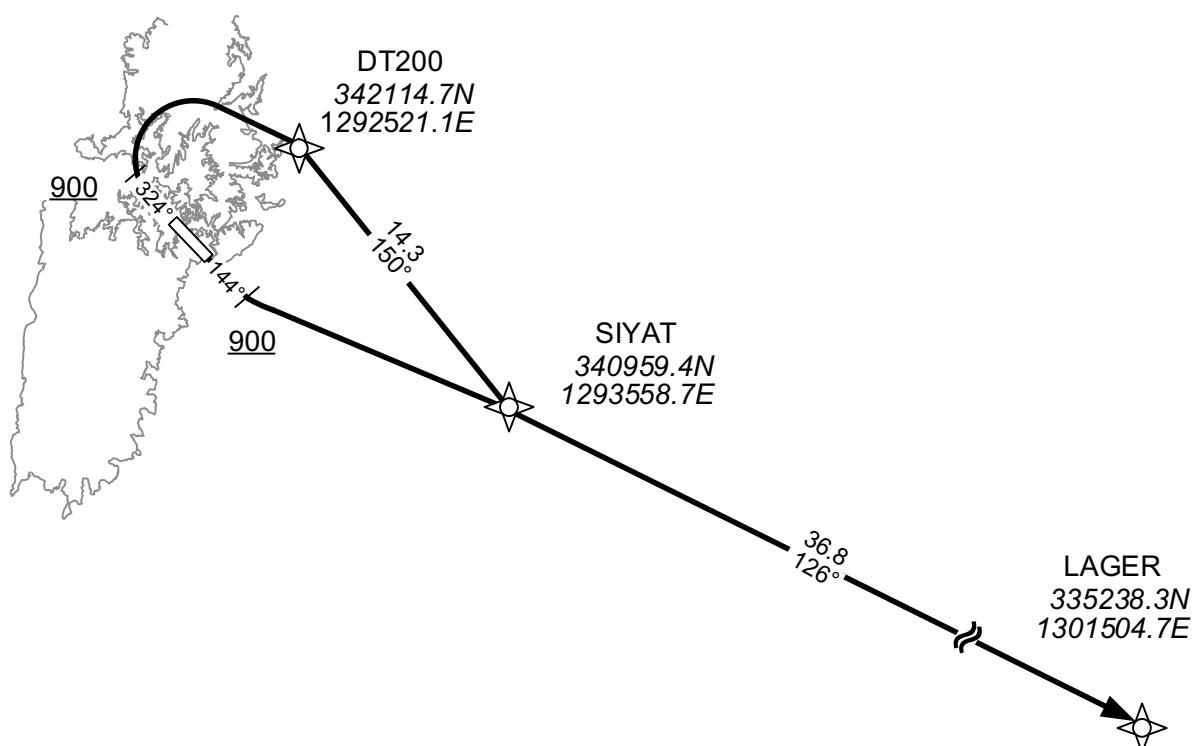
RNAV SID

SIYAT ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 8°W (2020)



CHANGE : Description of PROC name.

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.

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	—	—	Basic RNP1
002	DF	SIYAT	—	—	-7.9	—	L	—	—	—	Basic RNP1
003	TF	LAGER	—	126 (118.0)	-7.9	36.8	—	—	—	—	Basic 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	—	—	Basic RNP1
002	DF	DT200	—	—	-7.9	—	R	—	—	—	Basic RNP1
003	TF	SIYAT	—	150 (142.0)	-7.9	14.3	—	—	—	—	Basic RNP1
004	TF	LAGER	—	126 (118.0)	-7.9	36.8	—	—	—	—	Basic RNP1

CHANGE : New PROC

STANDARD ARRIVAL CHART - INSTRUMENT

RJDT / TSUSHIMA

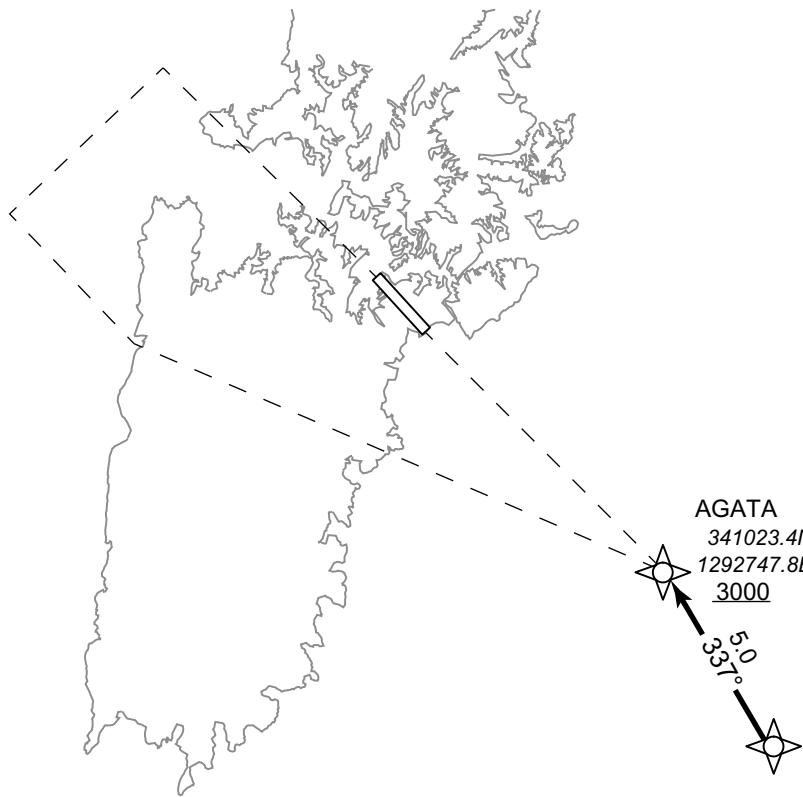
RNAV STAR

OMDUK ARRIVAL

Basic RNP1

Note GNSS required.

VAR 8°W (2022)



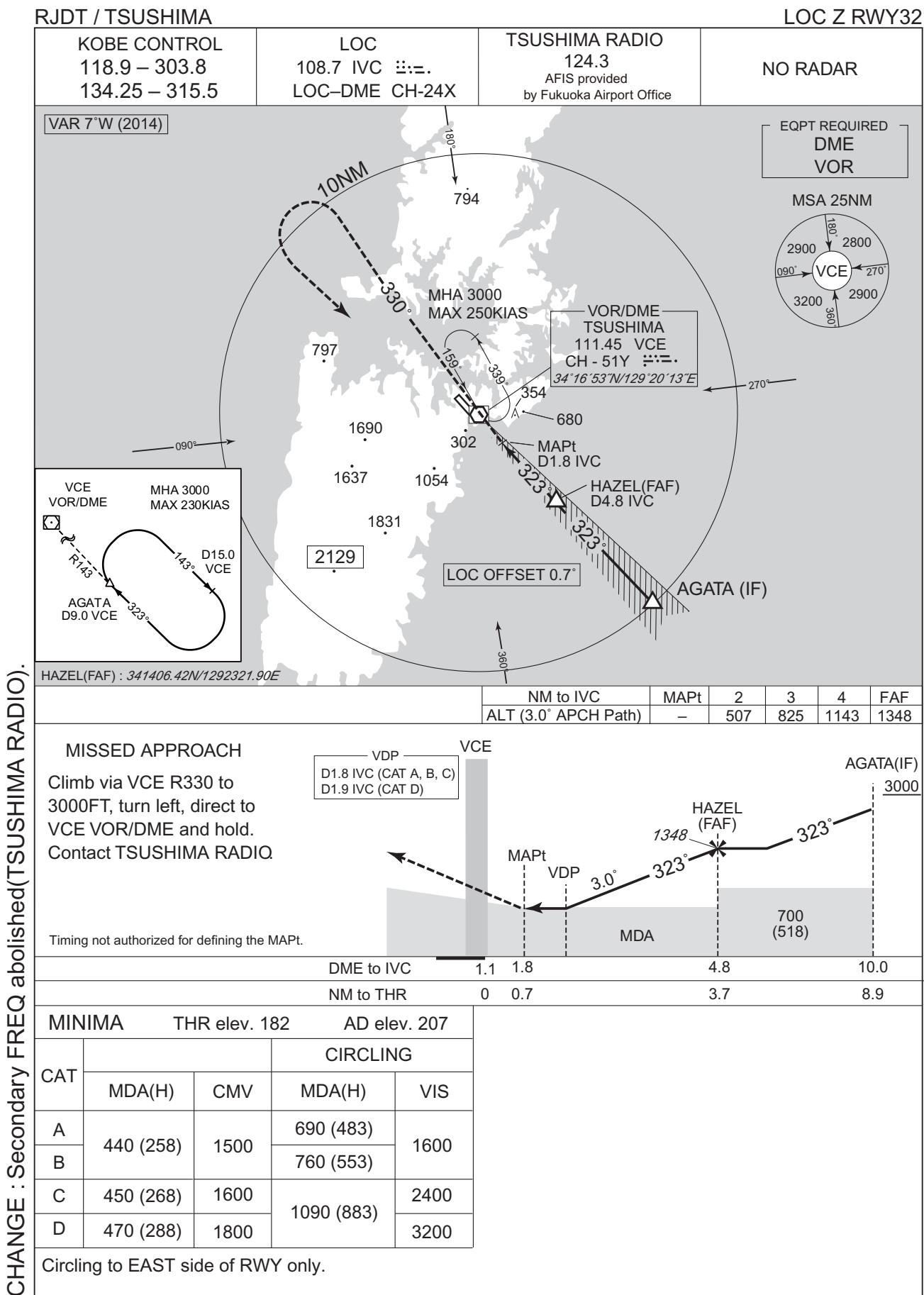
From OMDUK at or above 4000FT, to AGATA at or above 3000FT.

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

CHANGE : New PROC.

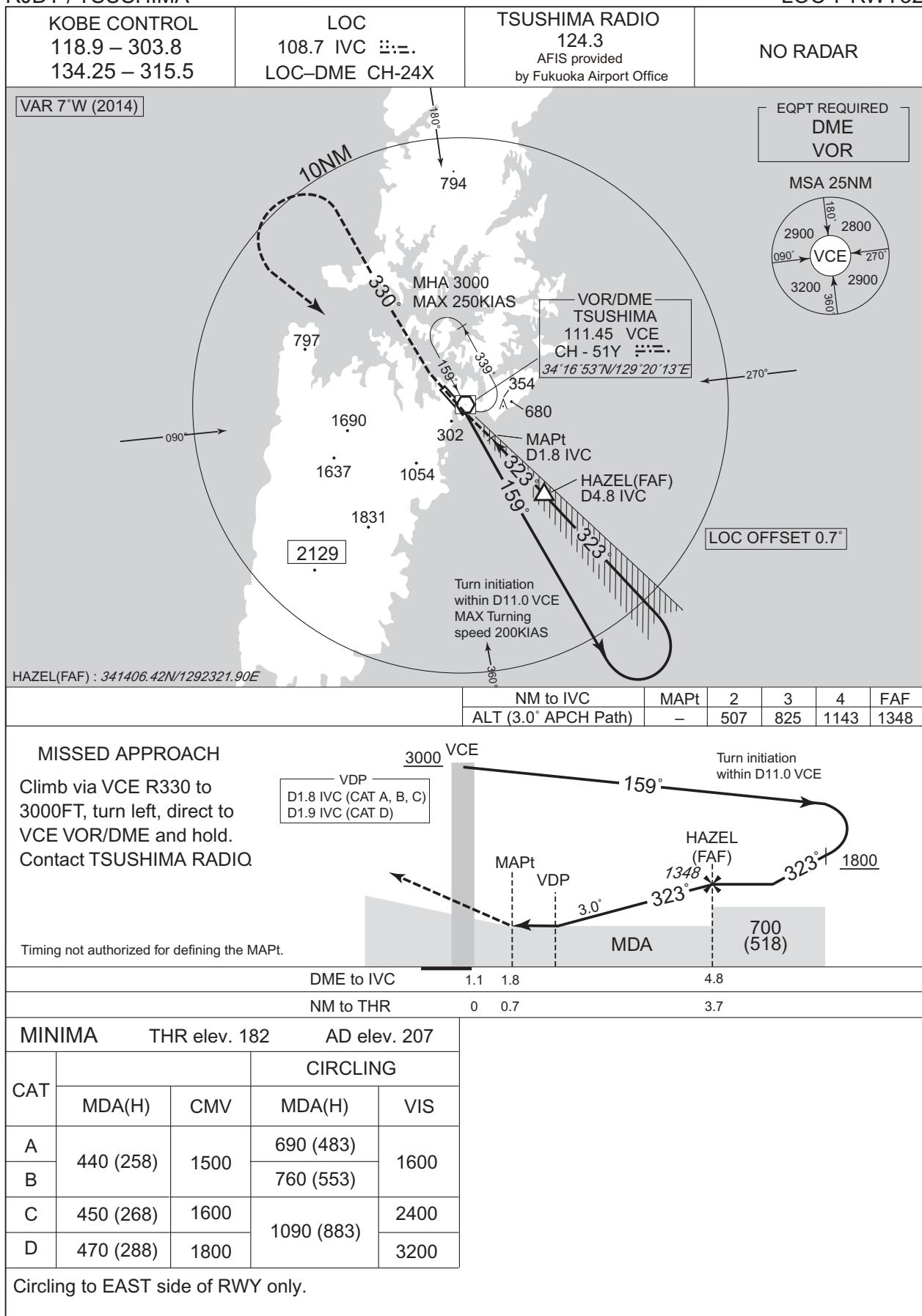
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INSTRUMENT APPROACH CHART



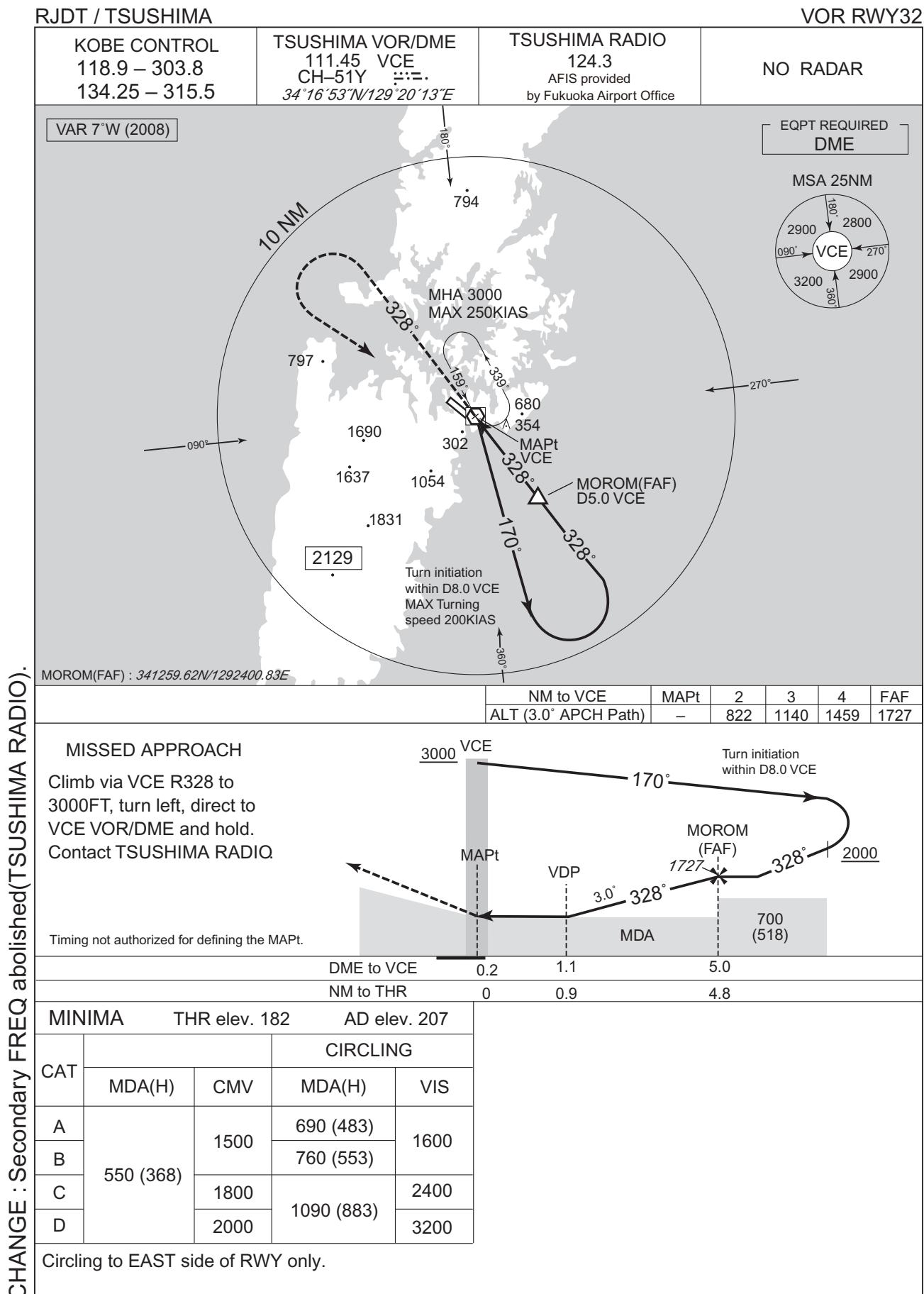
## INSTRUMENT APPROACH CHART

RJDT / TSUSHIMA

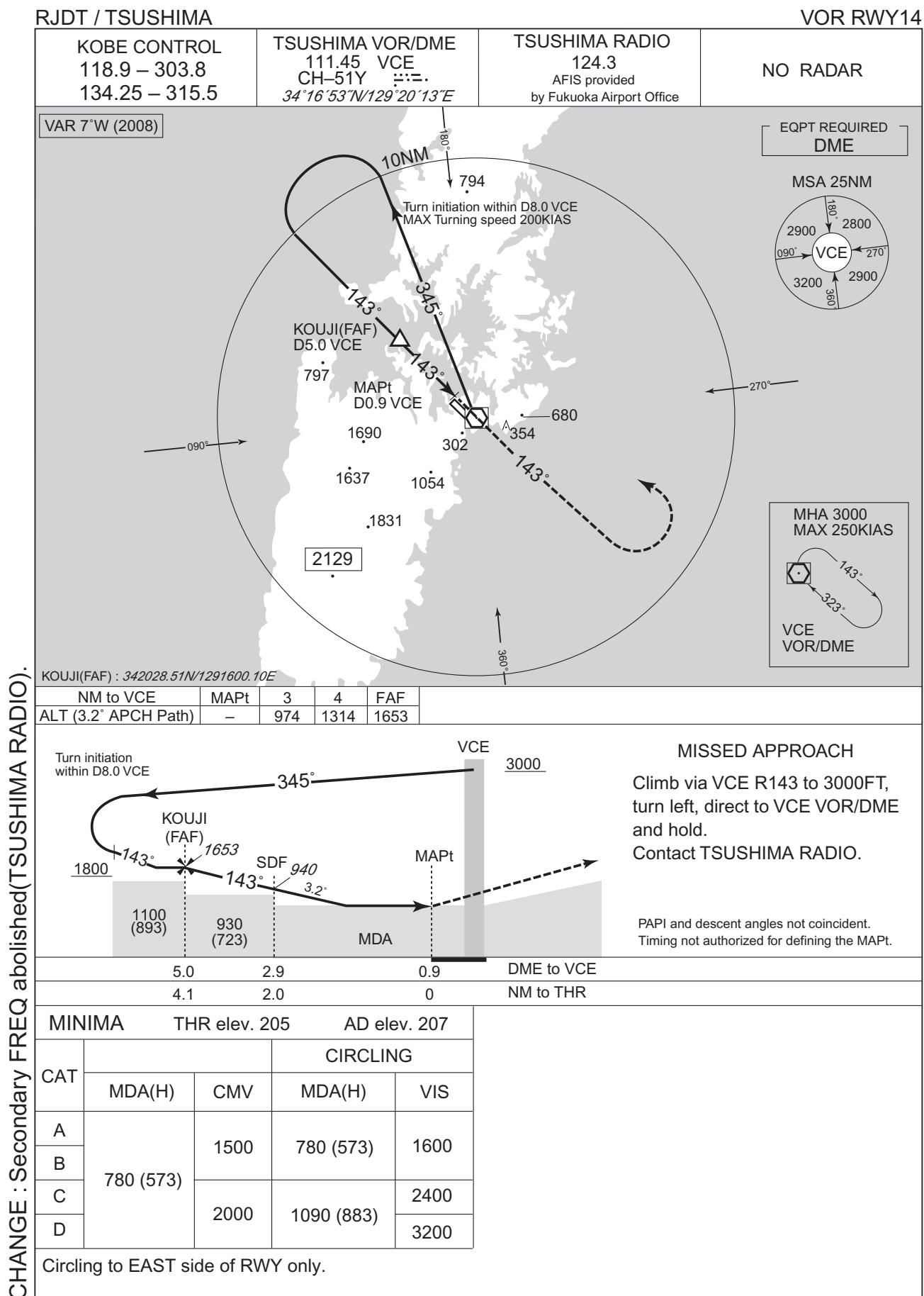


CHANGE : Secondary FREQ abolished(TSUSHIMA RADIO).

INSTRUMENT APPROACH CHART

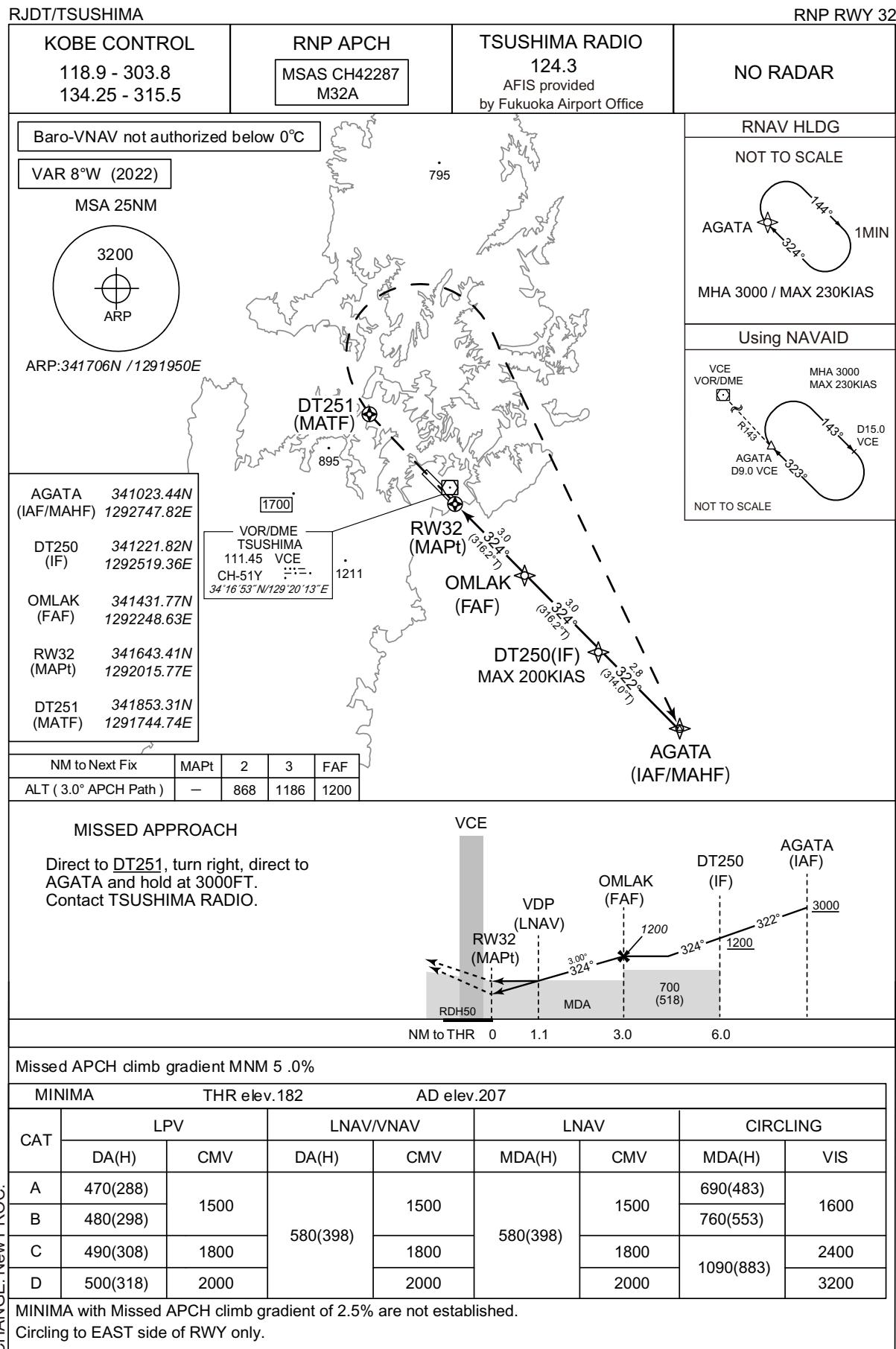


## INSTRUMENT APPROACH CHART



CHANGE : Secondary FREQ abolished(TSUSHIMA RADIO).

INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

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RNP RW Y32

**FAS DATA BLOCK**

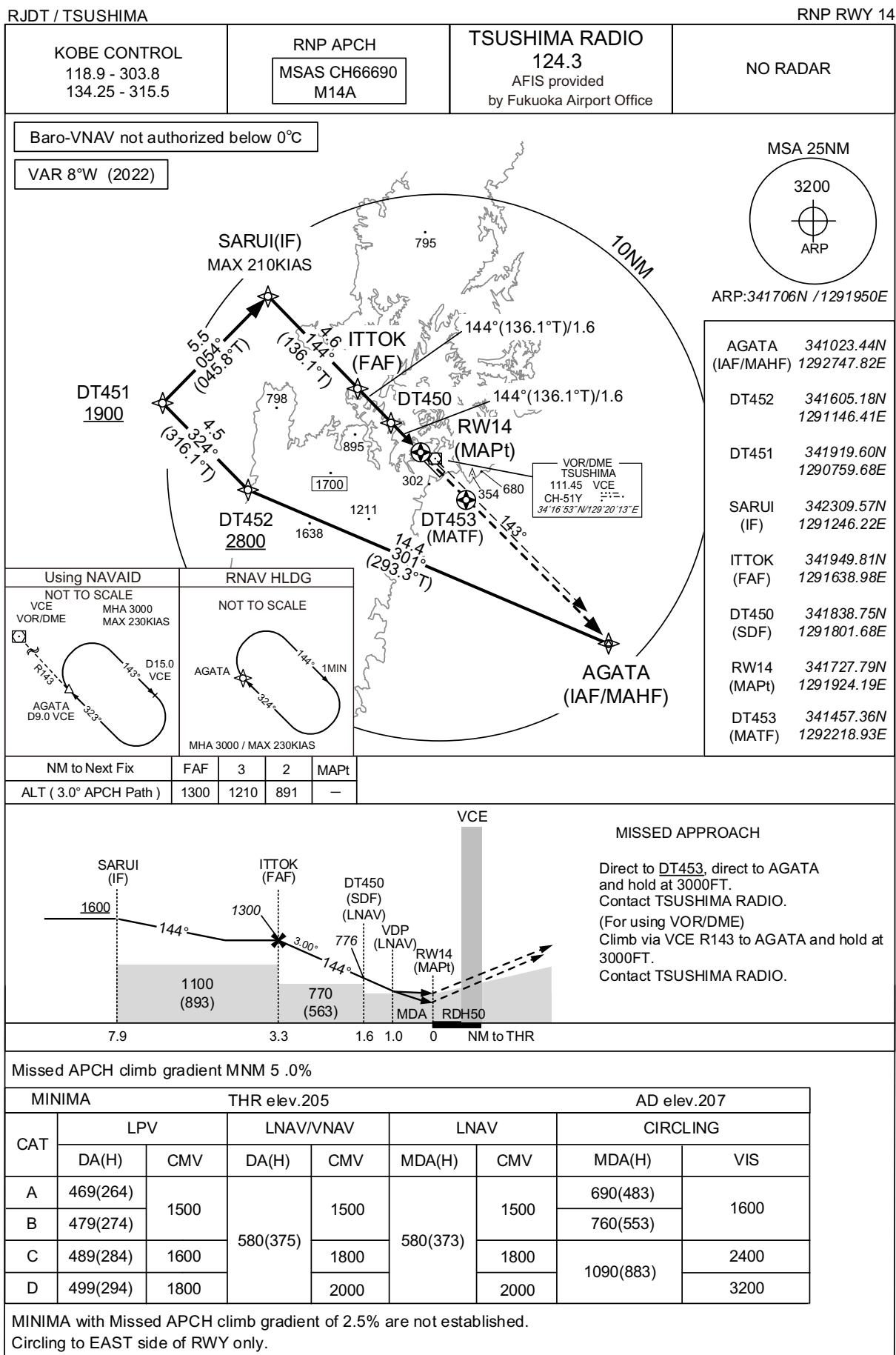
Operation type	0	LTP/FTP ellipsoidal height	+00861
SBAS service provider identifier	2	FPAP latitude	341727.7595N
Airport identifier	RJDT	FPAP longitude	1291924.2050E
Runway	32	Threshold crossing height	00015.0
Approach performance designator	0	TCH units selector	1
Route indicator		Glide path angle	03.00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



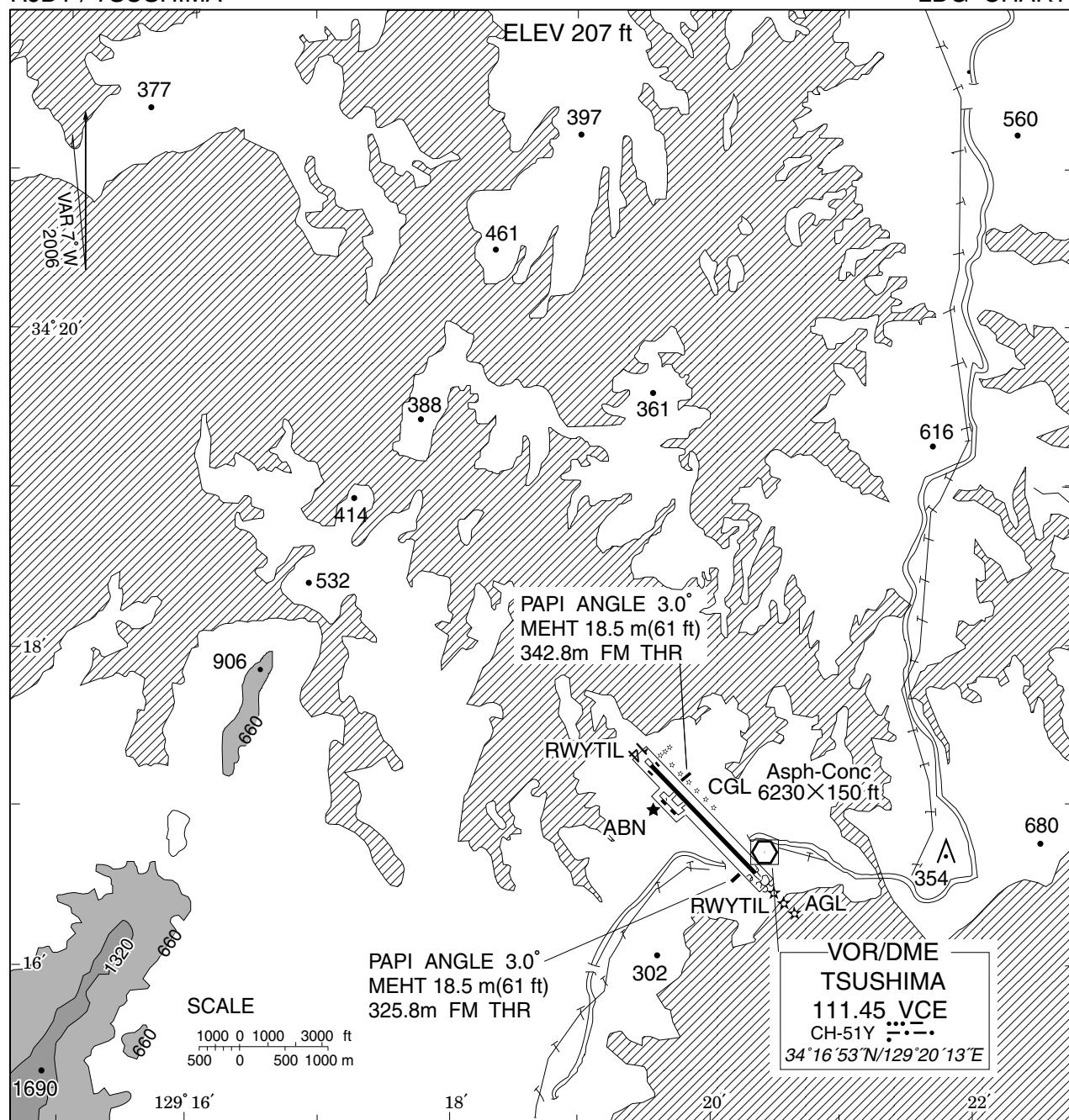
CHANGE : Secondary FREQ abolished.

※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).

Call sign	BRG / DIST from ARP	Remarks
長崎鼻 Nagasakihana	023°T / 8.3NM	灯台 Lighthouse
巣原 Izuhara	200°T / 5.7NM	港 Harbor
10NM SE	135°T / 10.0NM	海上 Over the Sea

RJDT / TSUSHIMA

LDG CHART



RJDT / TSUSHIMA

Minimum Vectoring Altitude CHART

