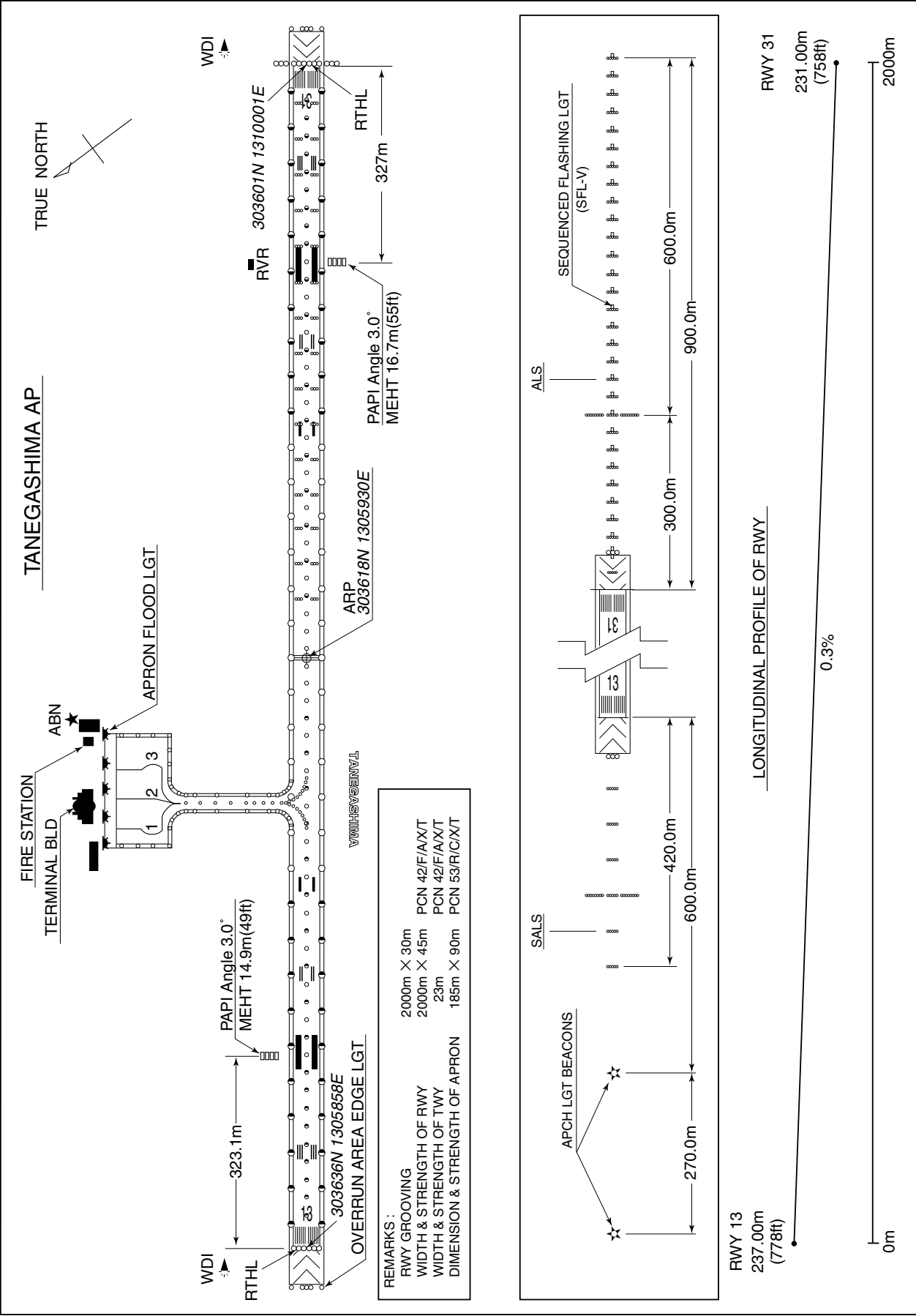


RJFG / TANEGASHIMA

AD CHART



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STANDARD DEPARTURE CHART - INSTRUMENT

RJFG / TANEGASHIMA

SID

QUEEN TWO DEPARTURE

RWY13: Climb RWY HDG until 1NM from RWY end/TGE 1.5DME, turn left,...

RWY31: Climb RWY HDG until 1NM from RWY end/TGE 1.7DME, turn right,...

...Climb via TGE R-045 to QUEEN.

Cross TGE R-045/27DME at or above 7,000ft, cross QUEEN at assigned altitude.

KINKO TWO DEPARTURE

RWY13: Climb RWY HDG until 1NM from RWY end/TGE 1.5DME, turn left,...

RWY31: Climb RWY HDG until 1NM from RWY end/TGE 1.7DME, turn right,...

...Climb via TGE R-349 to KINKO.

Cross TGE R-349/19DME at or above 6,000ft.

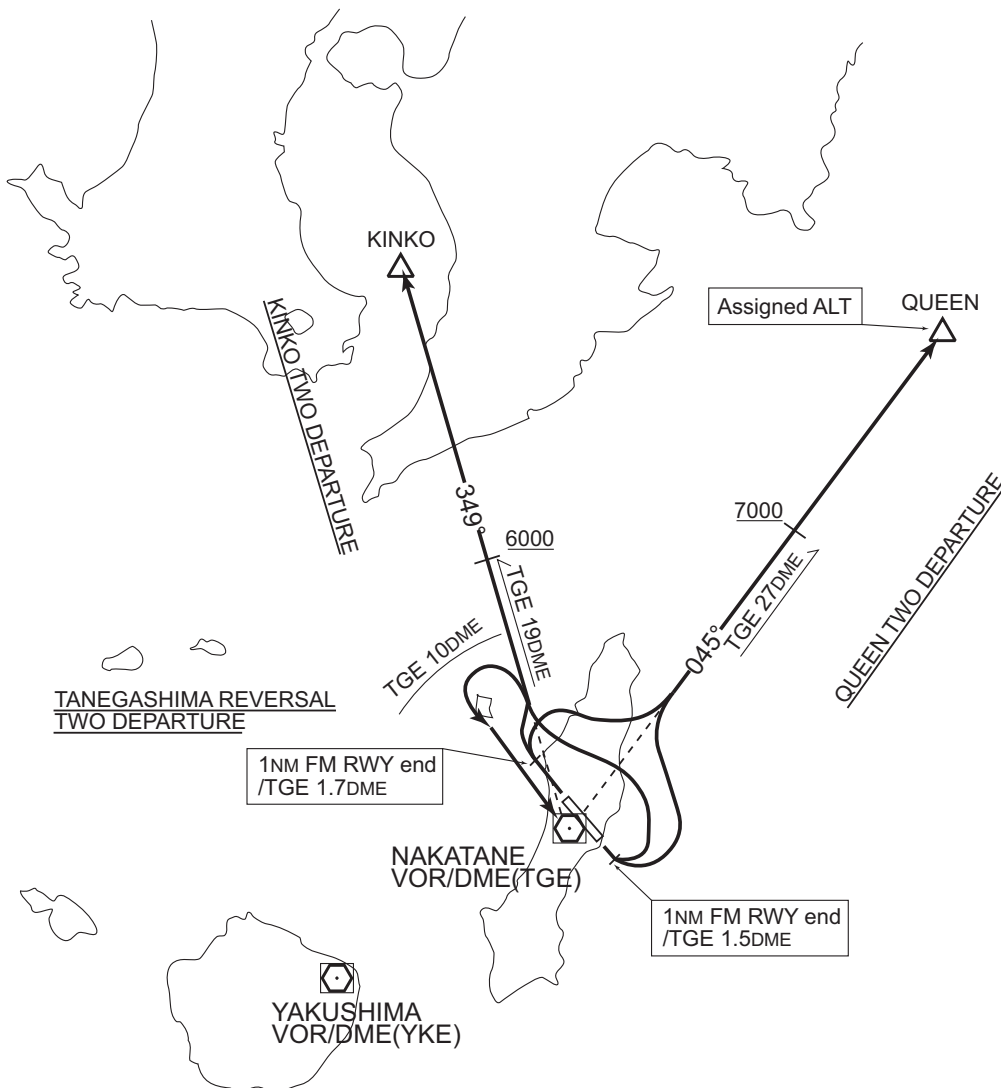
TANEGASHIMA REVERSAL TWO DEPARTURE

RWY13: Climb RWY HDG until 1NM from RWY end/TGE 1.5DME, turn left,...

RWY31: Climb RWY HDG until 1NM from RWY end/TGE 1.7DME, turn right,...

...Climb via TGE R-349, then turn left proceed to TGE VOR/DME within TGE 10DME.

CHANGE: PROC renamed. Radial FM TGE.



STANDARD DEPARTURE CHART -INSTRUMENT

RJFG / TANEGASHIMA

RNAV SID

FREDY ONE RNAV DEPARTURE

Basic RNP1

Note GNSS required.

VAR 6°W (2011)



FREDY ONE RNAV DEPARTURE

RWY13 : Climb on HDG 129° at or above 1200FT, turn left direct to FREDY at or above 7000FT, to QUEEN.

RWY31 : Climb on HDG 309° at or above 1300FT, turn right direct to FREDY at or above 7000FT, to QUEEN.

## STANDARD DEPARTURE CHART -INSTRUMENT

RJFG / TANEGASHIMA

RNAV SID

FREDY ONE RNAV DEPARTURE

## RWY13

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
VA	—	—	—	129° (122.9°)	—	+1200	—	—	Basic RNP1
DF	FREDY	—	—	—	L	+7000	—	—	Basic RNP1
TF	QUEEN	—	24.9	044° (038.0°)	—	—	—	—	Basic RNP1

## RWY31

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
VA	—	—	—	309° (302.9°)	—	+1300	—	—	Basic RNP1
DF	FREDY	—	—	—	R	+7000	—	—	Basic RNP1
TF	QUEEN	—	24.9	044° (038.0°)	—	—	—	—	Basic RNP1

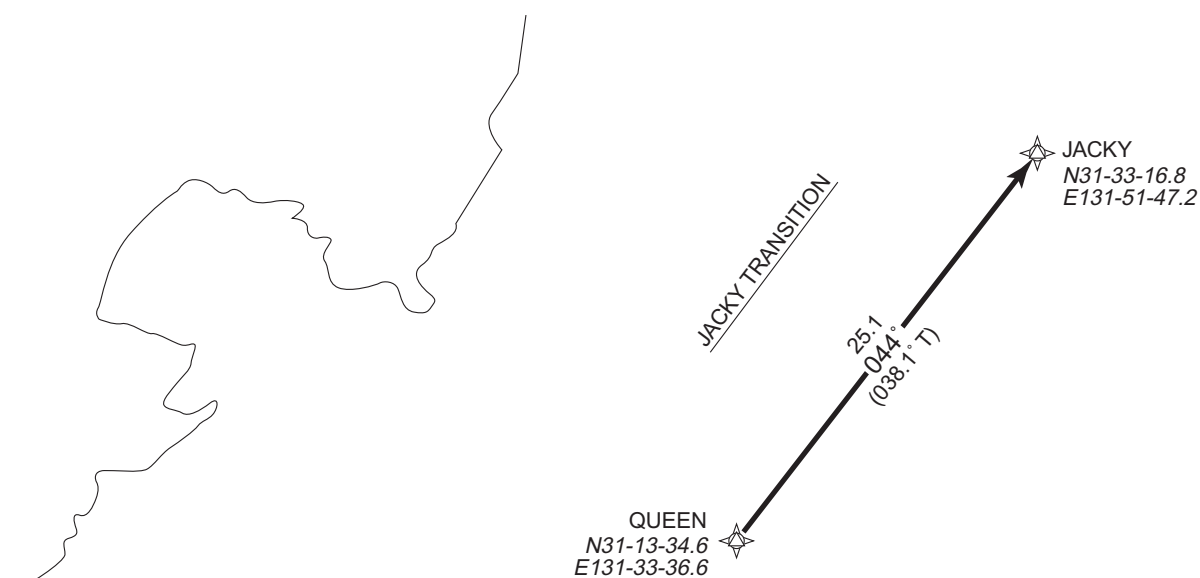
## STANDARD DEPARTURE CHART -INSTRUMENT

RJFG / TANEGASHIMA

RNAV TRANSITION

JACKY TRANSITION			RNAV 1
Note 1 ) DME/DME/IRU or GNSS required. 2 ) RADAR service required.	Critical DME	—	
	DME GAP	—	
	Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

VAR 6°W (2011)

JACKY TRANSITION

From QUEEN to JACKY.

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
IF	QUEEN	—	—	—	—	—	—	—	RNAV1
TF	JACKY	—	25.1	044° (038.1°)	—	—	—	—	RNAV1

STANDARD DEPARTURE CHART -INSTRUMENT

RJFG / TANEGASHIMA

RNAV SID



## STANDARD DEPARTURE CHART -INSTRUMENT

RJFG / TANEGASHIMA

RNAV SID

KAGYA ONE RNAV DEPARTURE

## RWY13

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
VA	—	—	—	129° (122.9°)	—	+1200	—	—	Basic RNP1
DF	KAGYA	—	—	—	L	—	—	—	Basic RNP1
TF	FG801	—	8.3	348° (342.4°)	—	+6000	—	—	Basic RNP1
TF	KINKO	—	25.7	348° (342.3°)	—	—	—	—	Basic RNP1

## RWY31

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (KIAS)	Vertical Angle	Navigation Performance
VA	—	—	—	309° (302.9°)	—	+1300	—	—	Basic RNP1
DF	KAGYA	—	—	—	R	—	—	—	Basic RNP1
TF	FG801	—	8.3	348° (342.4°)	—	+6000	—	—	Basic RNP1
TF	KINKO	—	25.7	348° (342.3°)	—	—	—	—	Basic RNP1



STANDARD ARRIVAL CHART - INSTRUMENT

RJFG / TANEGASHIMA

STAR

KAGYA ARRIVAL

From over TEPPPO, proceed via TGE 12DME counterclockwise ARC to KAGYA.  
Cross KAGYA at or above 6,000ft.

CHANGE: Radial FM TGE. Bearing on HOLD Pattern.



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## RJFG / TANEGASHIMA

VOR/DME/ILS RWY31

NAKATANE VOR/DME

10nm

MNM SECT ALT  
270°-360°  
3400 25nm

VAR 7°W (2020)

VOR/DME  
NAKATANE  
115.4 TGE  
CH-101X F--  
30°36'08"N/130°59'30"E

528  
925  
1093  
A 1087  
310°  
952  
MHA3000  
326°  
633  
645  
A 610  
A 476  
518  
A 454  
940  
310°  
149°  
952  
453  
492  
A 476  
679  
581  
643

090°

270°

180°

360°

MNM SECT ALT  
360°-090°  
3100 25nm

MNM SECT ALT  
180°-270°  
8100 25nm

MNM SECT ALT  
090°-180°  
3100 25nm

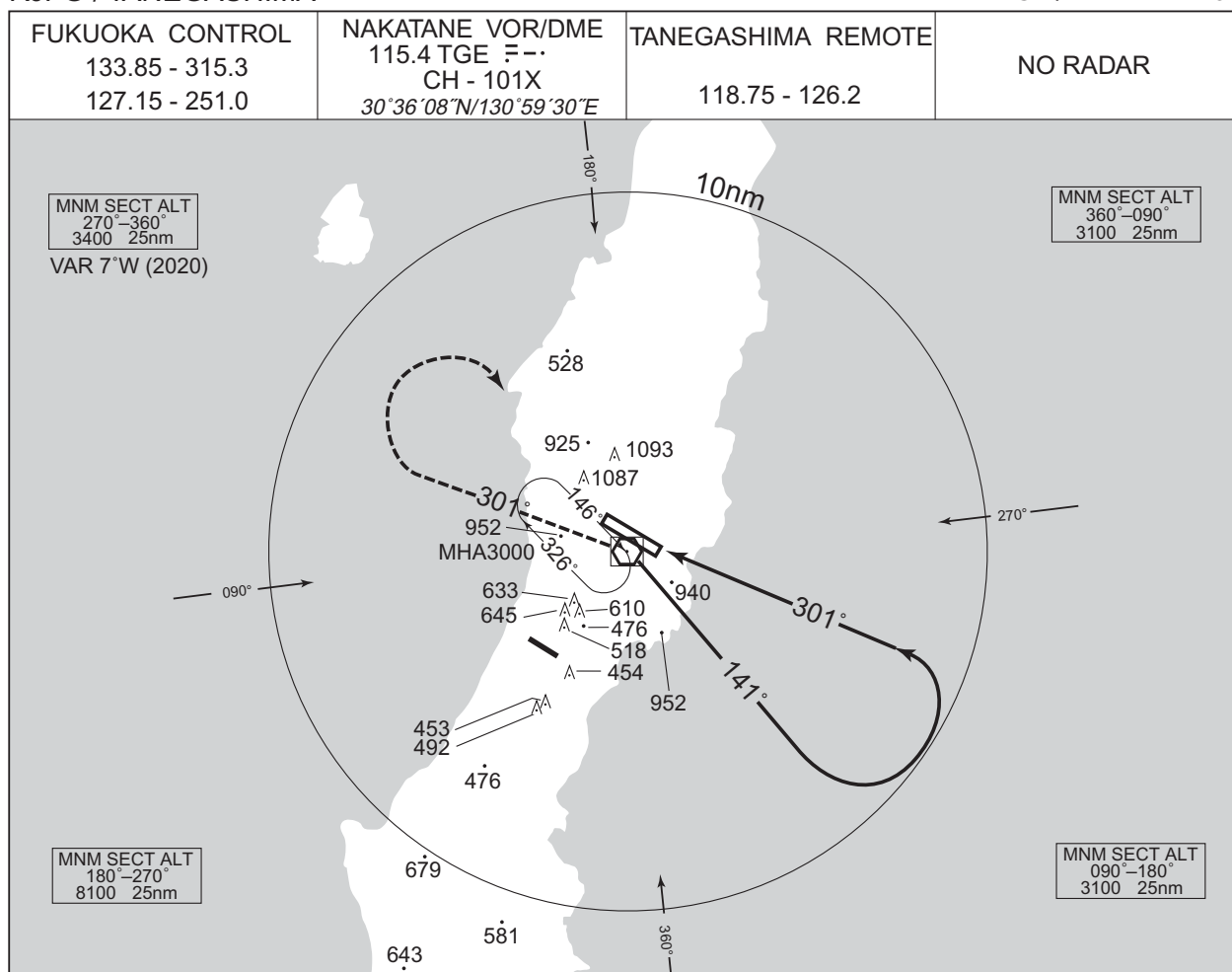
MINIMA		THR elev. 758			AD elev. 768		
CAT	CAT I		LOC		CIRCLING		
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)		VIS
					SOUTH of RWY	NORTH of RWY	
A	967 (209)	600	1220 (462)	1000	1240 (472)	1500 (732)	1600
B				1200			
C					1600	1800 (1032)	2400
D				1320 (552)			

CHANGE: ATC FREQ.

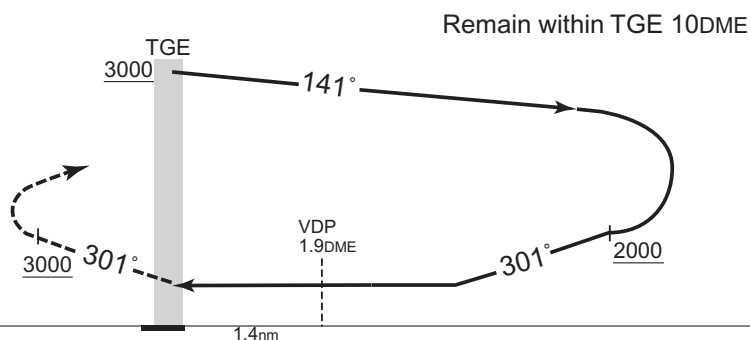
## INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

VOR/DME RWY31

**MISSED APPROACH**

At TGE VOR/DME, climb to 3,000ft, via TGE R-301, then turn right within TGE 10DME proceed to TGE VOR/DME and hold.  
Contact TANEGASHIMA REMOTE.



<b>MINIMA</b>	THR elev. 758	AD elev. 768
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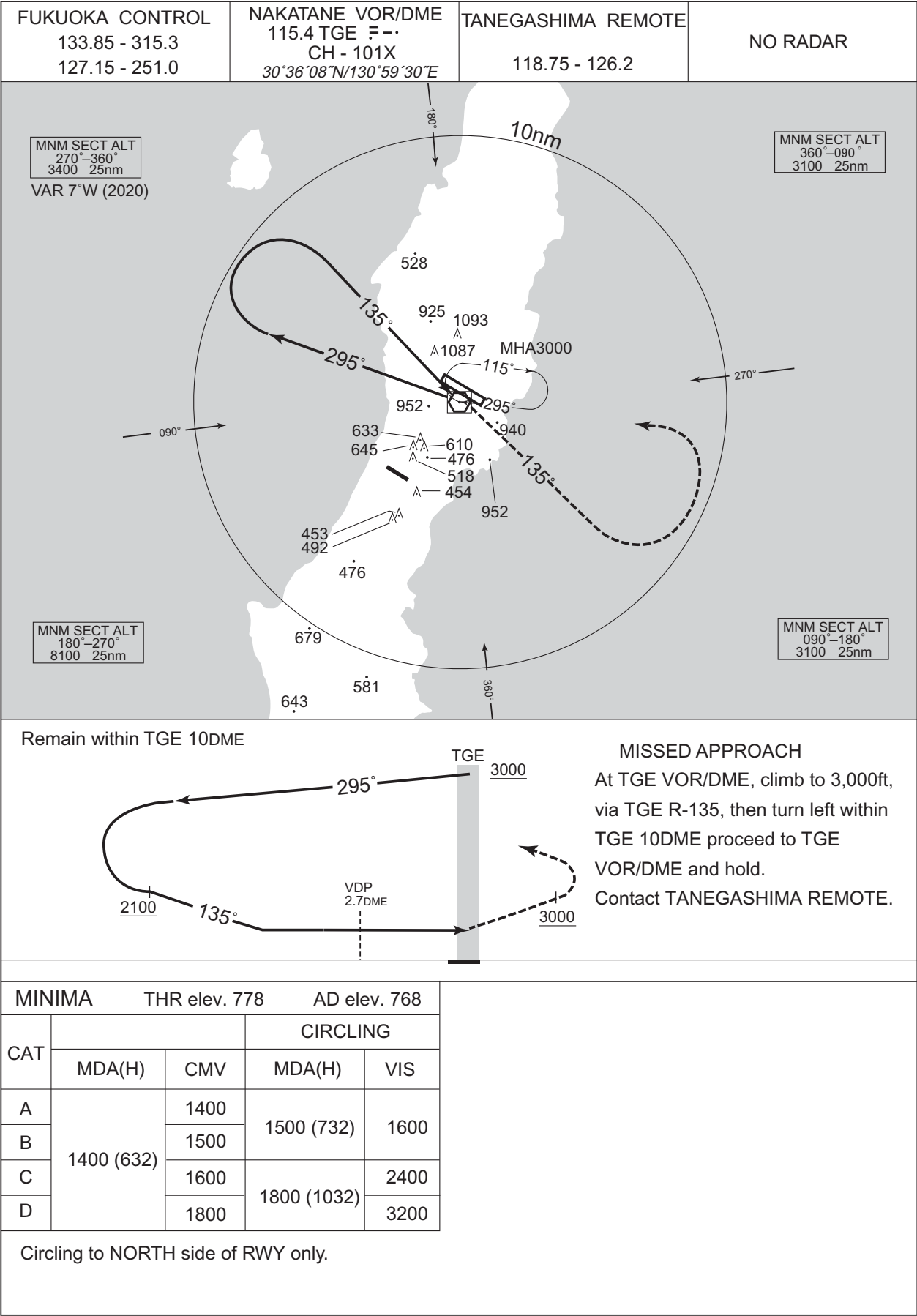
CAT			CIRCLING		
	MDA(H)	RVR/ CMV	MDA(H)		VIS
			SOUTH of RWY	NORTH of RWY	
A	1240 (482)	1000	1240 (472)	1500 (732)	1600
B		1200			
C				1800 (1032)	2400
D		1600	1320 (552)		

CHANGE: ATC FREQ.

INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

VOR/DME RWY13



CHANGE: ATC FREQ.

## RJFG / TANEGASHIMA

<b>FUKUOKA CONTROL</b> 133.85 - 315.3 127.15 - 251.0		1. DME/DME RNP0.3 not authorized. 2. RNP0.3 required. 3. GNSS required.		<b>TANEGASHIMA REMOTE</b> 118.75 - 126.2		<b>NO RADAR</b>	
<b>BARO VNAV NA below 0°C</b> <b>VAR 6°W (2011)</b>							
<b>KAGYA 304735.17N</b> (IAF) 1305515.40E <b>OKINA 304115.59N</b> (IF) 1305033.73E <b>FAF 303835.59N</b> 1305522.53E <b>MAPt 303636.00N</b> (RWY13) 1305858.00E <b>KAGYA 304735.17N</b> (MAHF) 1305515.40E							
<b>MHA 6000</b> <b>MAX 230KIAS</b> D18.0 TGE 169° 349° KAGYA (MAHF) D12.0 TGE TGE VOR/DME							
<b>NM to Next Fix</b> <b>ALT (3.0° APCH Path)</b>							
<b>FAF</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>MAPt</b>			
2000	1782	1464	1145	-			

CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	1140 (362)	1200	1140 (372)	1200	1500 (732)	1600
B		1300		1300		
C		1400		1400	1800 (1032)	2400
D		1600		1600		

CHANGE: ATC FREQ.

RJFG / TANEGASHIMA

Visual REP



Call sign	BRG / DIST from ARP	Remarks
喜志鹿崎 Kishigazaki	014°/14.6NM	灯台 Lighthouse
西之表 Nishinoomote	359°/ 7.5NM	西之表港 Harbor
10NM W	270°/10.0NM	海上 Over the sea
島間 Shimama	219°/10.5NM	港 Harbor
竹崎 Takezaki	187°/12.9NM	灯台 Lighthouse

RJFG / TANEGASHIMA

Minimum Vectoring Altitude CHART



\*1 : 302013N/1302957E RADIUS : 10NM

CENTER: 303618N/1305930E (ARP)