

## AD 2 AERODROMES

## RJFG AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RJFG - TANEGASHIMA

## RJFG AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	303618N/1305930E 123°/1.0km FM RWY13 THR
2	Direction and distance from (city)	7.6nm S FM Nishinoomote City
3	Elevation/ Reference temperature	768ft / -
4	Geoid undulation at AD ELEV PSN	29.4m(96ft)
5	MAG VAR/ Annual change	5° 47'W (2005) / Annual Change 2'W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	KAGOSHIMA PREF Nakatane-Town, Kagoshima Pref. 891-3603 Japan Tel: 0997-27-5111, Fax: 0997-27-7373 E-mail:tane-kanri@ever.ocn.ne.jp
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

## RJFG AD 2.3 OPERATIONAL HOURS

1	AD Administration	2330-0930
2	Customs and immigration	On request Customs: 099-260-3125 Immigration: 099-222-5658
3	Health and sanitation	Quarantine(human): On request(099-222-8670) Quarantine(animal, plant): Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (FUKUOKA)
7	ATS	2330-0930 Remarks: Airport Remote Mobile Communication Service provided by Kagoshima FSC.
8	Fuelling	2330-0930
9	Handling	2330-0930
10	Security	2330-0930
11	De-icing	Nil
12	Remarks	Nil

**RJFG AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	Nil
2	Fuel/ oil types	Fuel grades: Jet A1, AVGAS
3	Fuelling facilities/ capacity	Fuel Truck / ASK AD Administration
4	De-icing facilities	Not available
5	Hangar space for visiting aircraft	Not available
6	Repair facilities for visiting aircraft	Not available
7	Remarks	Nil

**RJFG AD 2.5 PASSENGER FACILITIES**

1	Hotels	Hotels in Nishinoomote city
2	Restaurants	At Airport
3	Transportation	Buses and Taxi
4	Medical facilities	Hospital in Nishinoomote city 14km
5	Bank and Post Office	Bank and Post Office in Nishinoomote city
6	Tourist Office	Not available
7	Remarks	Nil

**RJFG AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1	AD category for fire fighting	CAT 7
2	Rescue equipment	Chemical fire fighting truck × 2
3	Capability for removal of disabled aircraft	to be developed
4	Remarks	Nil

**RJFG AD 2.7 SEASONAL AVAILABILITY-CLEARING**

1	Types of clearing equipment	Not available
2	Clearance priorities	Nil
3	Remarks	Nil

## RJFG AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface: cement-concrete      Strength: PCN 53/R/C/X/T
2	Taxiway width, surface and strength	Width: 23m, Surface: asphalt-concrete      Strength: PCN 42/F/A/X/T
3	ACL and elevation	Not available
4	VOR checkpoints	Not available
5	INS checkpoints	(Spot NR) 1 303632N 1305927E 2 303631N 1305929E 3 303630N 1305930E
6	Remarks	Nil

## RJFG AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and Visual docking/ parking guidance system of aircraft stands	Nil
2	RWY and TWY markings and LGT	RWY: (RWY 13/31) (Marking): RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe (LGT): RCLL, REDL, RTHL, RENL, RTZL(RWY31), WBAR(RWY31)  TWY: All TWY (Marking): TWY CL, RWY HLDG PSN, TWY side stripe (LGT): TWY edge LGT, TWY CL LGT
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area marking (LGT) Apron flood LGT

## RJFG AD 2.10 AERODROME OBSTACLES

- In Area2 Nil
- In Area3 To be developed

## RJFG AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	FUKUOKA
2	Hours of service MET Office outside hours	H24 (FUKUOKA)
3	Office responsible for TAF preparation Periods of validity	Nil
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Briefing is available upon inquiry at FUKUOKA
6	Flight documentation Language(s) used	C En
7	Charts and other information available for briefing or consultation	S <sub>6</sub> , U <sub>85</sub> , U <sub>7</sub> , U <sub>5</sub> , U <sub>3</sub> , U <sub>25</sub> , U <sub>2/T</sub> , P <sub>S</sub> , P <sub>5</sub> , P <sub>3</sub> , P <sub>25</sub> , P <sub>SWE</sub> , P <sub>SWF</sub> , P <sub>SWG</sub> , P <sub>SWI</sub> , P <sub>SWM</sub> , P <sub>SW(domestic)</sub> , E, C, W <sub>E</sub> , W <sub>F</sub> , W <sub>G</sub> , W <sub>I</sub> , W, N
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	REMOTE
10	Additional information(limitation of service, etc.)	Nil

## RJFG AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY(M)	Strength(PCN) and surface of RWY	THR coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
13	122.91°	2000×45	PCN42/F/A/X/T Asphalt Concrete	303636N/1305858E 97ft	THR ELEV:778ft
31	302.91°	2000×45	PCN42/F/A/X/T Asphalt Concrete	303601N/1310001E 96ft	THR ELEV:758ft TDZ ELEV:766.7ft
Slope of RWY		Strip Dimensions(M)	RESA(Overrun) Dimensions(M)		Remarks
7		10	11		14
See below figure		2120×300	40×300		RWY grooving: 2000×30m
See below figure		2120×300	190x(MNM:160 MAX:300)*		RWY grooving: 2000×30m
*For detail, ask airport administrator					
<div><div><div>RWY 13</div><div>778ft</div></div><div><div></div><div>0.30%</div></div><div><div></div><div>0m</div></div><div><div></div><div>2000m</div></div><div><div></div><div>RWY 31</div><div>758ft</div></div></div>					

## RJFG AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
13	2000	2000	2000	2000	Nil
31	2000	2000	2000	2000	Nil

## RJFG AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL Color WBAR	PAPI (VASIS) Angle DIST FM THR MEHT	RTZL LEN	RCLL LEN Spacing Color INTST	REDL LEN Spacing Color INTST	RENL Color WBAR	STWL LEN Color
1	2	3	4	5	6	7	8	9
13	SALS (*1) 420m LIH	Green -	PAPI 3.0°/LEFT 323m 49ft	-	2,000m 30m Coded color (White/Red) LIH	2,000m 60m Coded color (White/Yellow) LIH	Red	Nil(*2)
31	PALS (CAT I) 900m LIH	Green Green	PAPI 3.0°/LEFT 327m 55ft	900m	2,000m 30m Coded color (White/Red) LIH	2,000m 60m Coded color (White/Yellow) LIH	Red	Nil(*2)
Remarks								
10								
SALS with APCH LGT beacon(600m and 870m FM RWY THR)(*1) Overrun area edge LGT(LEN:60m Color:Red)(*2)								

## RJFG AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: 303631N/1305935E White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	Nil
3	TWY edge and centerline lighting	TWY edge LGT: Blue TWY centerline LGT: ALTN Green/Yellow FM RWY leaving report point, other Green
4	Secondary power supply/ switch-over time	Within 1sec: REDL, RENL, RTHL, WBAR, RCLL and Overrun area edge LGT Within 15sec: Other Lights
5	Remarks	WDI LGT

**RJFG AD 2.16 HELICOPTER LANDING AREA**

Nil

**RJFG AD 2.17 ATS AIRSPACE**

Designation and lateral limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
1		2	3	4	6
Tanegashima Information zone	Area within a radius of 5nm of Tanegashima ARP (30° 36'N130° 59'E).	----- 3000	E	TANEGASHIMA REMOTE En	

**RJFG AD 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
A/G	Tanegashima Remote	118.75MHz(1) 126.2MHz	2330 - 0930	Remote air-ground facilities controlled by Kagoshima FSC (1)Primary

RJFG AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid (VOR declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR (7° W/2019)	TGE	115.4MHz	H24	303607.76N/ 1305929.52E		
DME	TGE	1188MHz (CH-101X)	H24	303607.76N/ 1305929.52E	810.4ft	DME Unusable: 130°-160° beyond 15nm BLW 3000ft.
ILS-LOC 31 (CAT-I)	ITN	108.95MHz	2330-0930	303640.08N/ 1305850.76E		BRG(MAG) 310° 235m away FM RWY13 THR
ILS-GP 31		329.15MHz	2330-0930	303602.61N/ 1305949.42E		GP angle 3.0° HGT of ILS Ref datum 54ft. 297.8m inside FM RWY31 THR 120m SW of RCL
ILS-DME 31	ITN	1113MHz (CH-26Y)	2330-0930	303602.49N/ 1305949.29E	777ft	297.8m inside FM RWY31 THR 125m SW of RCL
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based



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**RJFG AD 2.20 LOCAL TRAFFIC REGULATIONS**

## 1. Airport regulations

Nil
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## 2. Taxiing to and from stands

Nil
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## 3. Parking area for small aircraft(General aviation)

Nil
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## 4. Parking area for helicopters

Nil
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## 5. Apron - taxiing during winter conditions

Nil
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## 6. Taxiing - limitations

Nil
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## 7. School and training flights - technical test flights - use of runways

Nil
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## 8. Helicopter traffic - limitation

Nil
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## 9. Removal of disabled aircraft from runways

Nil
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**RJFG AD 2.21 NOISE ABATEMENT PROCEDURES**

Nil
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## RJFG AD 2.22 FLIGHT PROCEDURES

## 1. TAKE OFF MINIMA

	RWY	REDL & RCLL AVBL		REDL or RCLL AVBL		REDL & RCLL OUT	
		CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS
TKOF ALTN AP FILED	13	-	0 - 400m	-	0 - 600m	-	0 - 800m
	31	0 - 500m	0 - 400m	0 - 600m	0 - 600m	-	0 - 800m
OTHER	13	AVBL LDG MINIMA					
	31						

NOTE: SIDs are designed in accordance with provisional standards for FLIGHT PROCEDURE DESIGN.

## 2. TAKE OFF MINIMA for RNAV DEPARTURE

	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAYTIME ONLY)	
			RVR	VIS	RVR	VIS	RVR	VIS
Multi-Engine ACFT with TKOF ALTN AP FILED	13	A,B,C,D	-	400m	-	400m	-	500m
	31	A,B,C,D	400m	400m	400m	400m	-	500m
OTHER	13	A,B,C,D	AVBL LDG MINIMA					
	31							

## RJFG AD 2.23 ADDITIONAL INFORMATION

Nil

## RJFG AD 2.24 CHARTS RELATED TO AN AERODROME

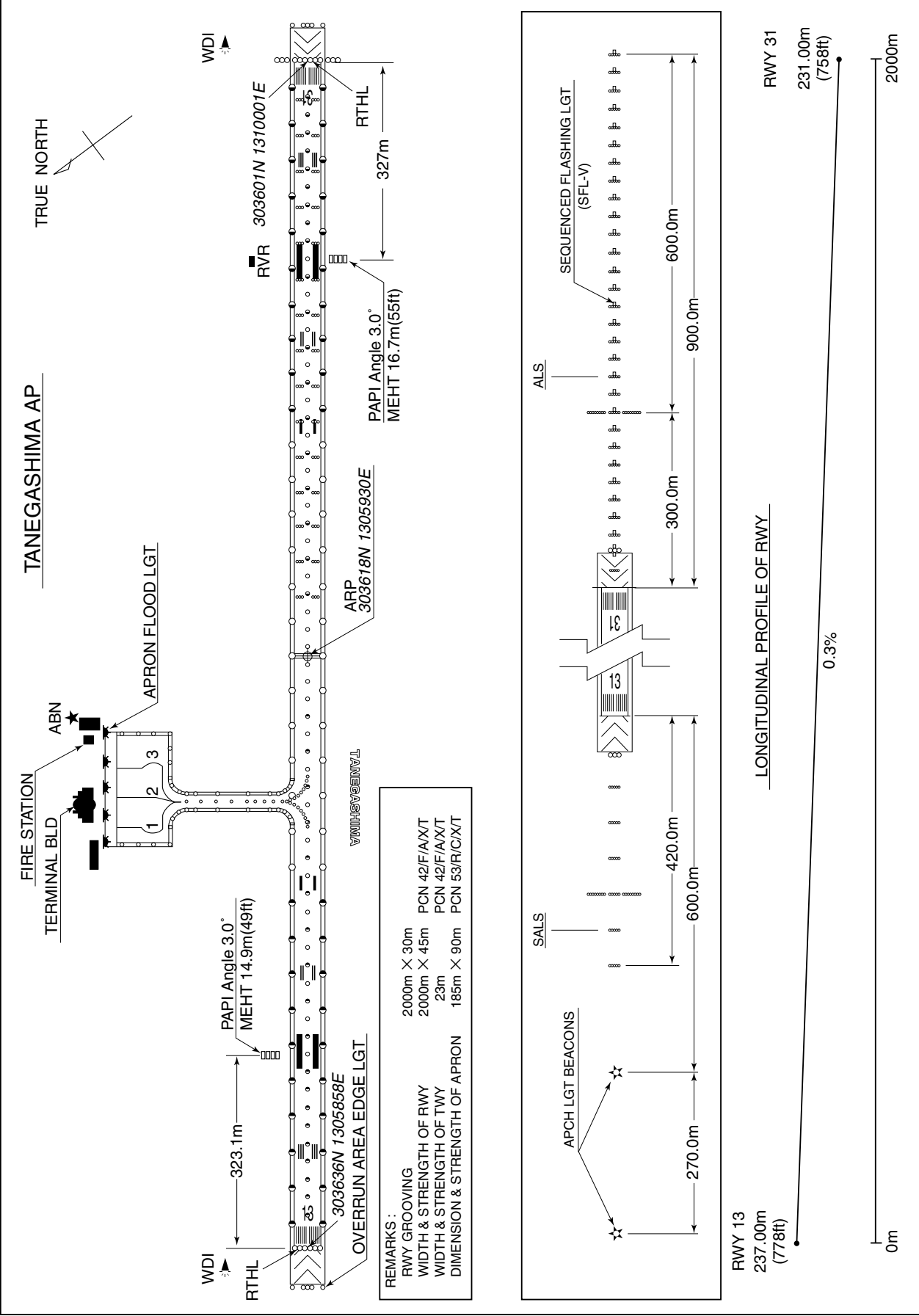
Aerodrome/Heliport Chart  
 Standard Departure Chart - Instrument (QUEEN, KINKO, TANEGASHIMA-REVERSAL)\*  
 Standard Departure Chart - Instrument (FREDY-RNAV)  
 Standard Departure Chart - Instrument (KAGYA-RNAV)  
 Standard Arrival Chart - Instrument)\*  
 Instrument Approach Chart (VOR/DME/ILS RWY 31)\*  
 Instrument Approach Chart (VOR/DME RWY 31)\*  
 Instrument Approach Chart (VOR/DME RWY 13)\*  
 Instrument Approach Chart (RNAV(GNSS) RWY 13)  
 Other Chart (Visual REP)  
 Other Chart (MVA CHART)

\*: Designed in accordance with provisional standards for FLIGHT PROCEDURE DESIGN.

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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.

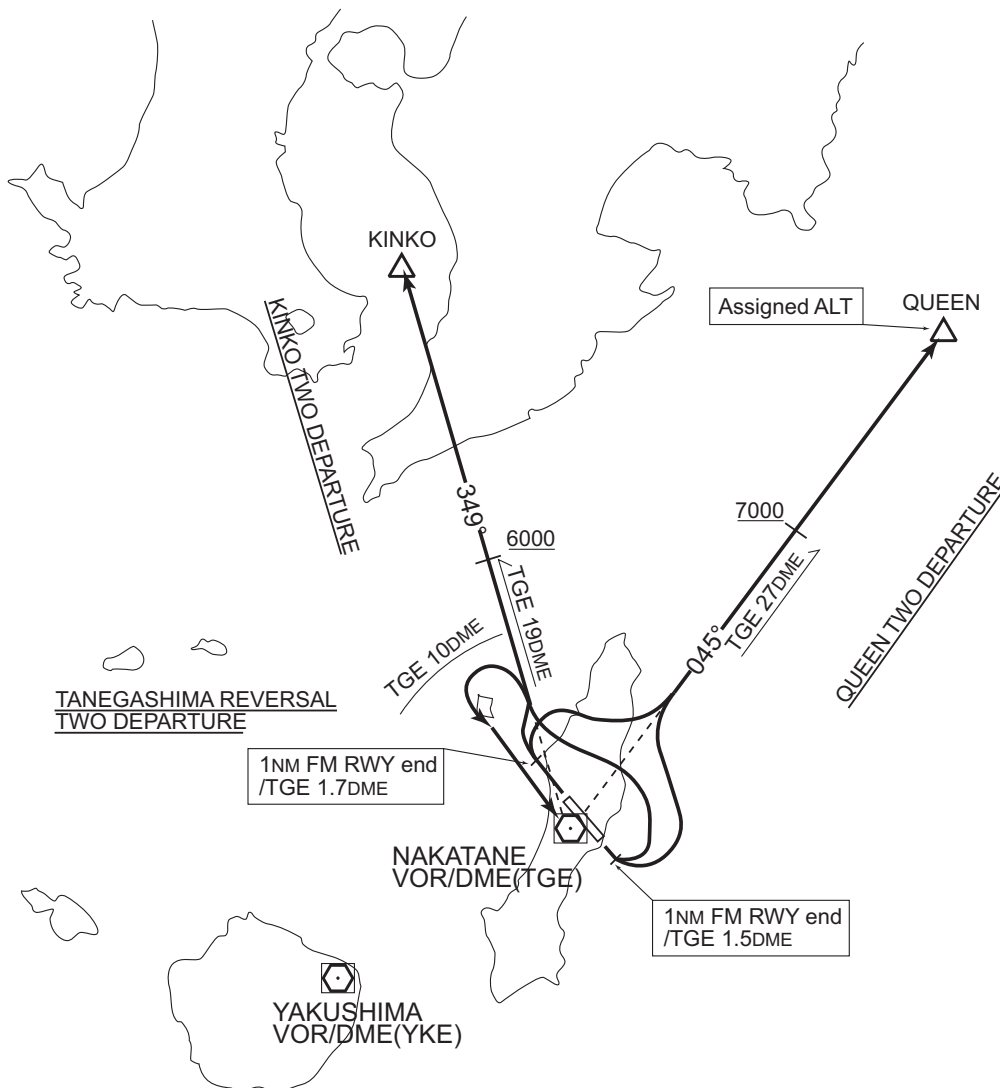
TANEGASHIMA REVERSAL TWO DEPARTURE

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

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RNAV TRANSITION





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

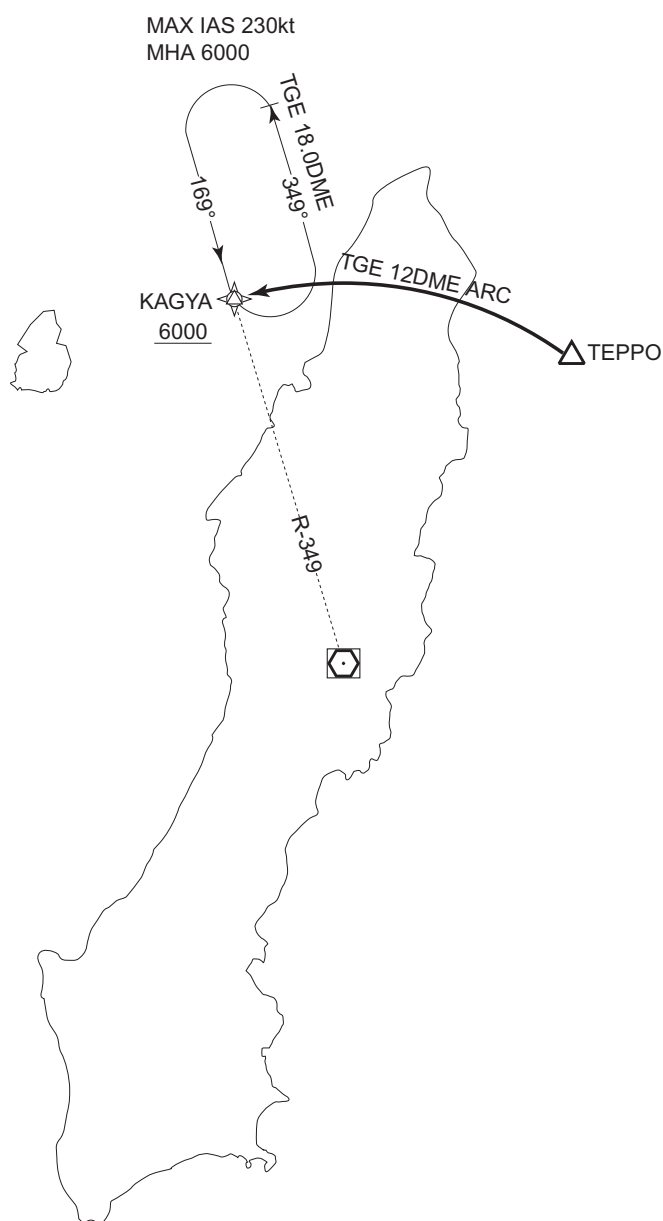
RJFG / TANEGASHIMA

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.

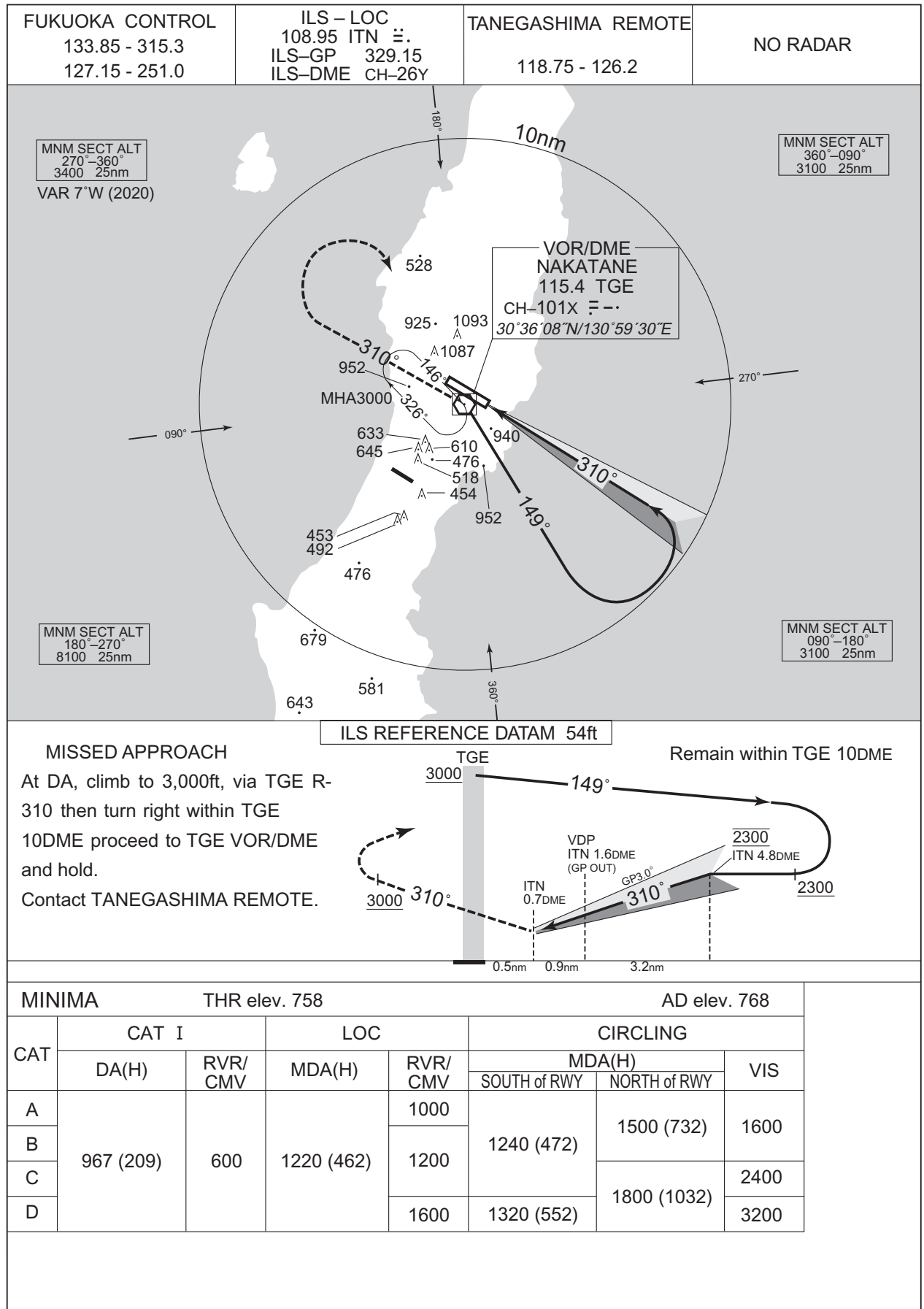


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INSTRUMENT APPROACH CHART

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VOR/DME/ILS RWY31

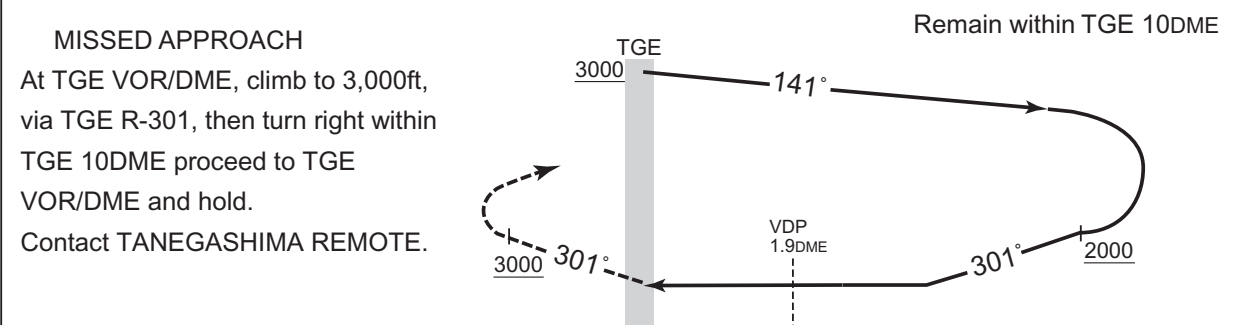
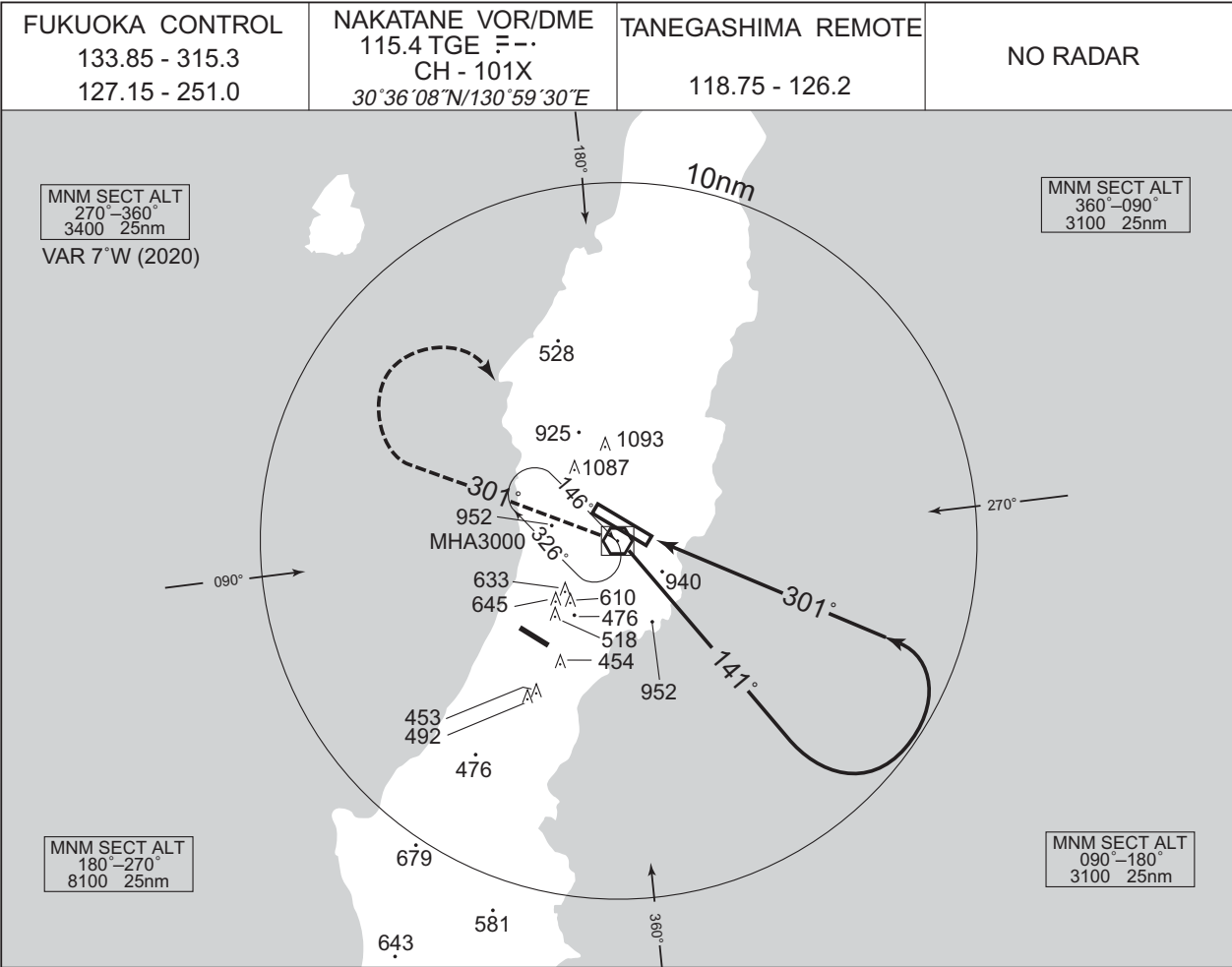


CHANGE: ATC FREQ.

INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

VOR/DME RWY31



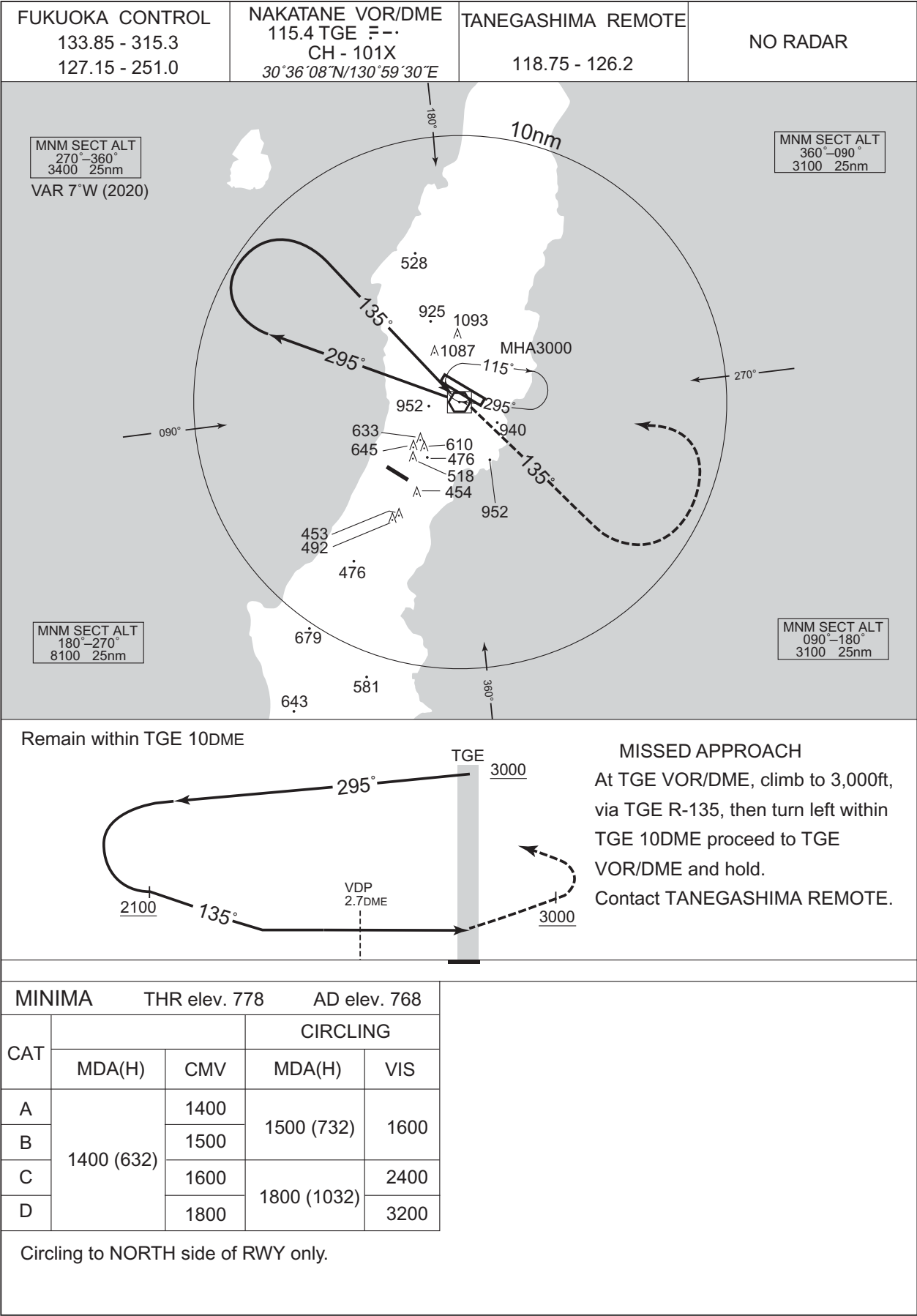
MINIMA		THR elev. 758		AD elev. 768	
CAT			CIRCLING		
			MDA(H)		VIS
	MDA(H)	RVR/ CMV	SOUTH of RWY	NORTH of RWY	
A	1240 (482)	1000	1240 (472)	1500 (732)	1600
B		1200		1800 (1032)	2400
C					
D		1600	1320 (552)		3200

CHANGE: ATC FREQ.

INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

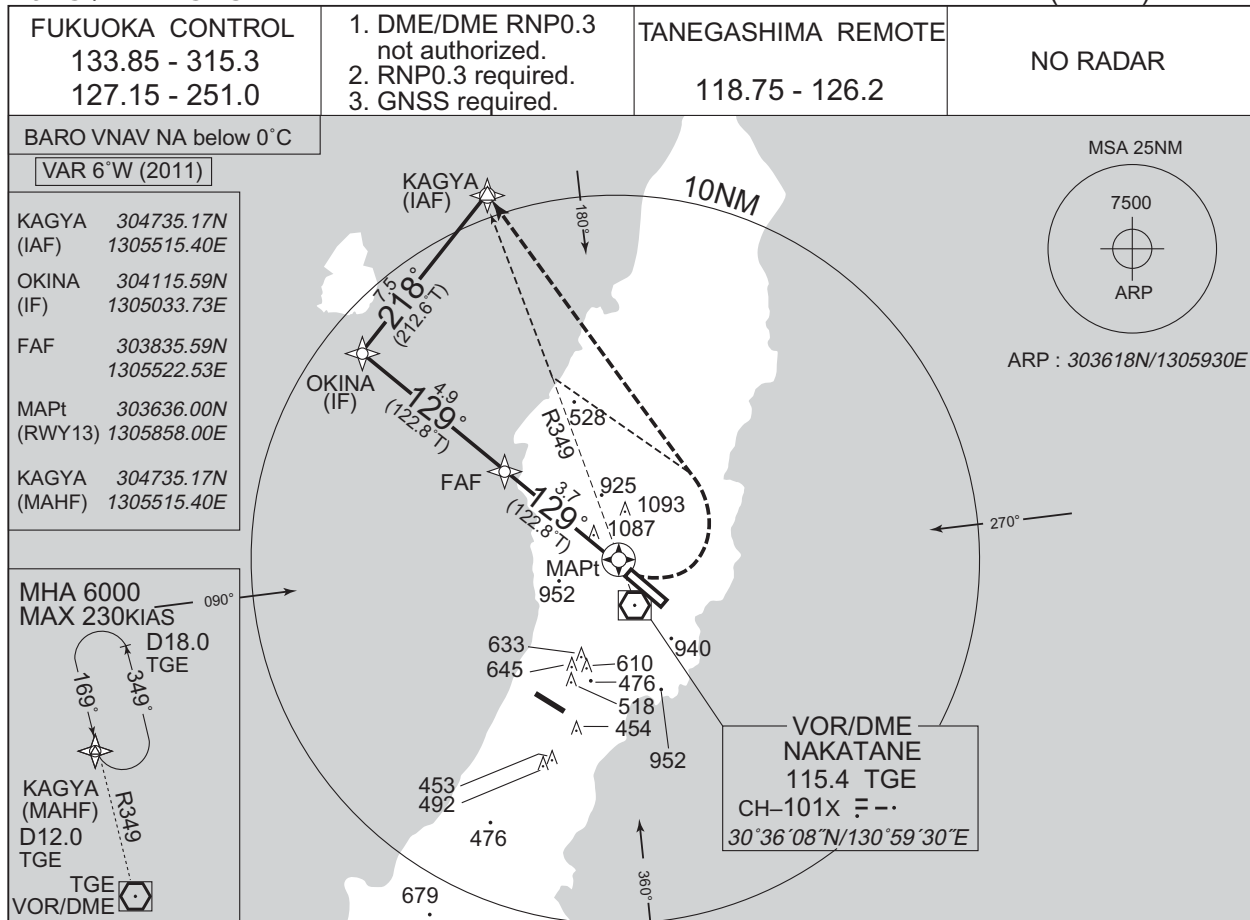
VOR/DME RWY13



## INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

RNAV(GNSS) RWY13

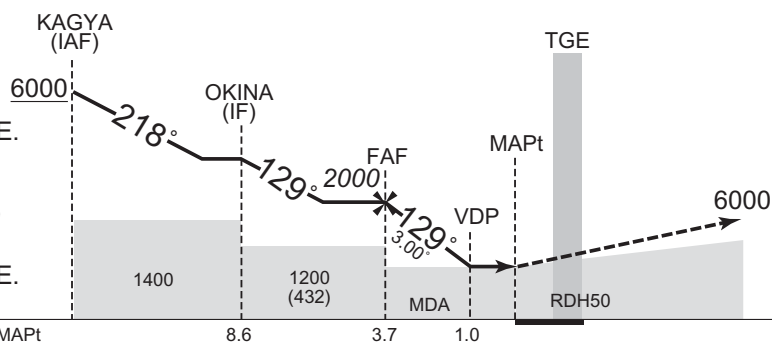


NM to Next Fix	FAF	3	2	1	MAPt
ALT (3.0° APCH Path)	2000	1782	1464	1145	-

## MISSED APPROACH

Climb to 6000FT, direct to KAGYA and hold.  
Contact TANEGASHIMA REMOTE.

(For using VOR/DME)  
Climb to 6000FT, via TGE R349 to KAGYA and hold.  
Contact TANEGASHIMA REMOTE.



MINIMA		THR elev. 778		AD elev. 768		
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		

Circling to NORTH side of RWY only.

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)