

## 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	7°W (2021) / 5°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: AFIS provided by Kagoshima Airport Office.
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	JET A-1
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	RADIO
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	303635.93N/1305858.18E 97ft	THR ELEV:778ft
31	302.91°	2000×45	PCN42/F/A/X/T Asphalt Concrete	303600.65N/1310001.23E 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>0m</div></div><div><div>0.30%</div></div><div><div>RWY 31</div><div>758ft</div><div>2000m</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	LDI: Nil Anemometer: RWY13: 300m from RWY13 THR, LGTD RWY31: 294m from RWY31 THR, LGTD
3	TWY edge and centerline lighting	TWY edge and center line lights installed, see AD2.9
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
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**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 RADIO En	

**RJFG AD 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	Tanegashima Radio	118.75MHz	2330 - 0930	Operated by Kagoshima Airport Office.

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
-----

## 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

## TAKE OFF MINIMA

	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 (TANEGASHIMA-REVERSAL)  
Standard Departure Chart - Instrument (FREDY-RNAV)  
Standard Departure Chart - Instrument (KAGYA-RNAV)  
Standard Arrival Chart - Instrument (TEPPO-RNAV)

Instrument Approach Chart (ILS or LOC RWY 31)  
Instrument Approach Chart (VOR RWY 13)  
Instrument Approach Chart (RNP RWY 31)  
Instrument Approach Chart (RNP RWY 13)  
Other Chart (Visual REP)  
Other Chart (MVA CHART)

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## AD CHART

**TANEGASHIMA AP**

TRUE NORTH

FIRE STATION  
TERMINAL BLD  
ABN

APRON FLOOD LGT

WIND SPEED METER  
WDI  
RVR 303601N 1310001E  
CEILO METER

PAPI Angle 3.0°  
MEHT 16.7m(55ft)

RTHL

ARP 303618N 1305930E

303636N 1305858E

OVERRUN AREA EDGE LGT.

303636N 1305858E

WIND SPEED METER  
WDI  
PAPI Angle 3.0°  
MEHT 14.9m(49ft)

RTHL

1  
2  
3

REMARKS :

RWY GROOVING	2000m x 30m	PCN 42/F/A/X/T
WIDTH & STRENGTH OF RWY	2000m x 45m	PCN 42/F/A/X/T
WIDTH & STRENGTH OF TWY	23m	PCN 53/R/C/X/T
DIMENSION & STRENGTH OF APRON	185m x 90m	PCN 53/R/C/X/T

LONGITUDINAL PROFILE OF RWY

RWY 13  
237.00m  
(778ft)

SALS

APCH LGT BEACONS

270.0m

600.0m

420.0m

300.0m

900.0m

600.0m

SEQUENCED FLASHING LGT  
(SFL-V)

ALS

RWY 31  
231.00m  
(758ft)

0.3%

2000m

0m

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STANDARD DEPARTURE CHART - INSTRUMENT

RJFG / TANEGASHIMA

SID

CHANGE : PROC renamed. QUEEN TWO DEPARTURE, KINKO TWO DEPARTURE abolished. PROC course.

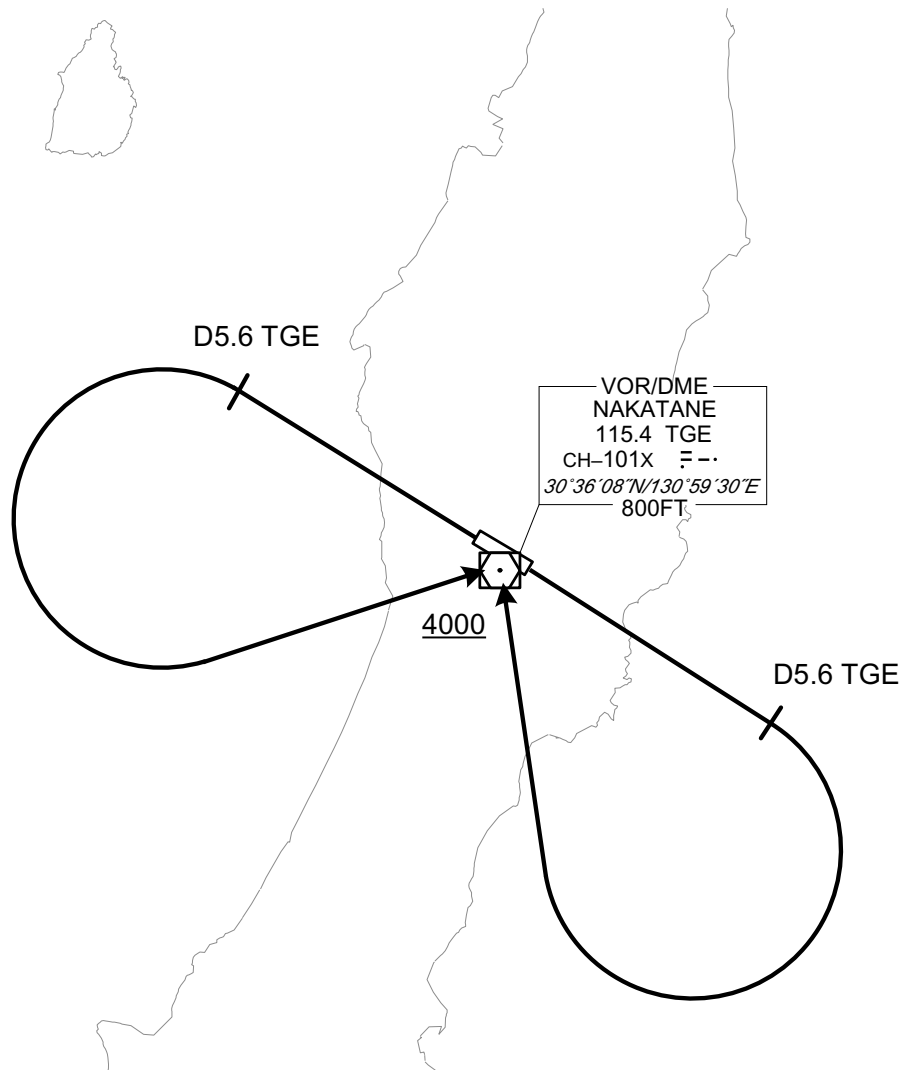
TANEGASHIMA REVERSAL THREE DEPARTURE

RWY 13 : Climb RWY HDG to TGE 5.6DME, turn right,...

RWY 31 : Climb RWY HDG to TGE 5.6DME, turn left,...

... direct to TGE VOR/DME.

Cross TGE VOR/DME at or above 4000FT.



STANDARD DEPARTURE CHART -INSTRUMENT

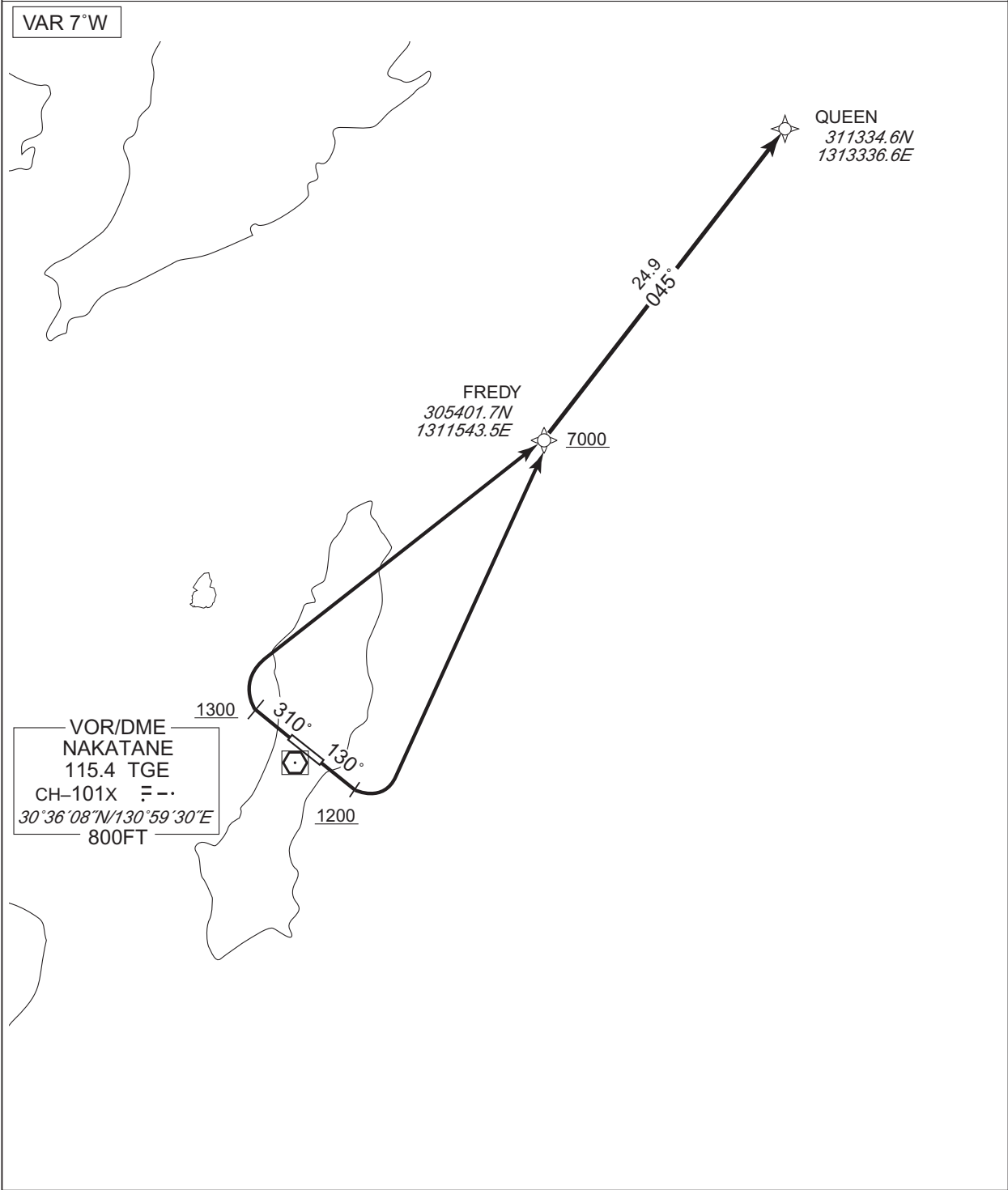
RJFG / TANEGASHIMA

RNAV SID

FREDY TWO DEPARTURE

Basic RNP1

Note GNSS required.



RWY13 : Climb on HDG 130° at or above 1200FT, turn left direct to FREDY at or above 7000FT, to QUEEN.

RWY31 : Climb on HDG 310° at or above 1300FT, turn right direct to FREDY at or above 7000FT, to QUEEN.

CHANGE : VAR. PROC renamed. PROC course.

STANDARD DEPARTURE CHART -INSTRUMENT

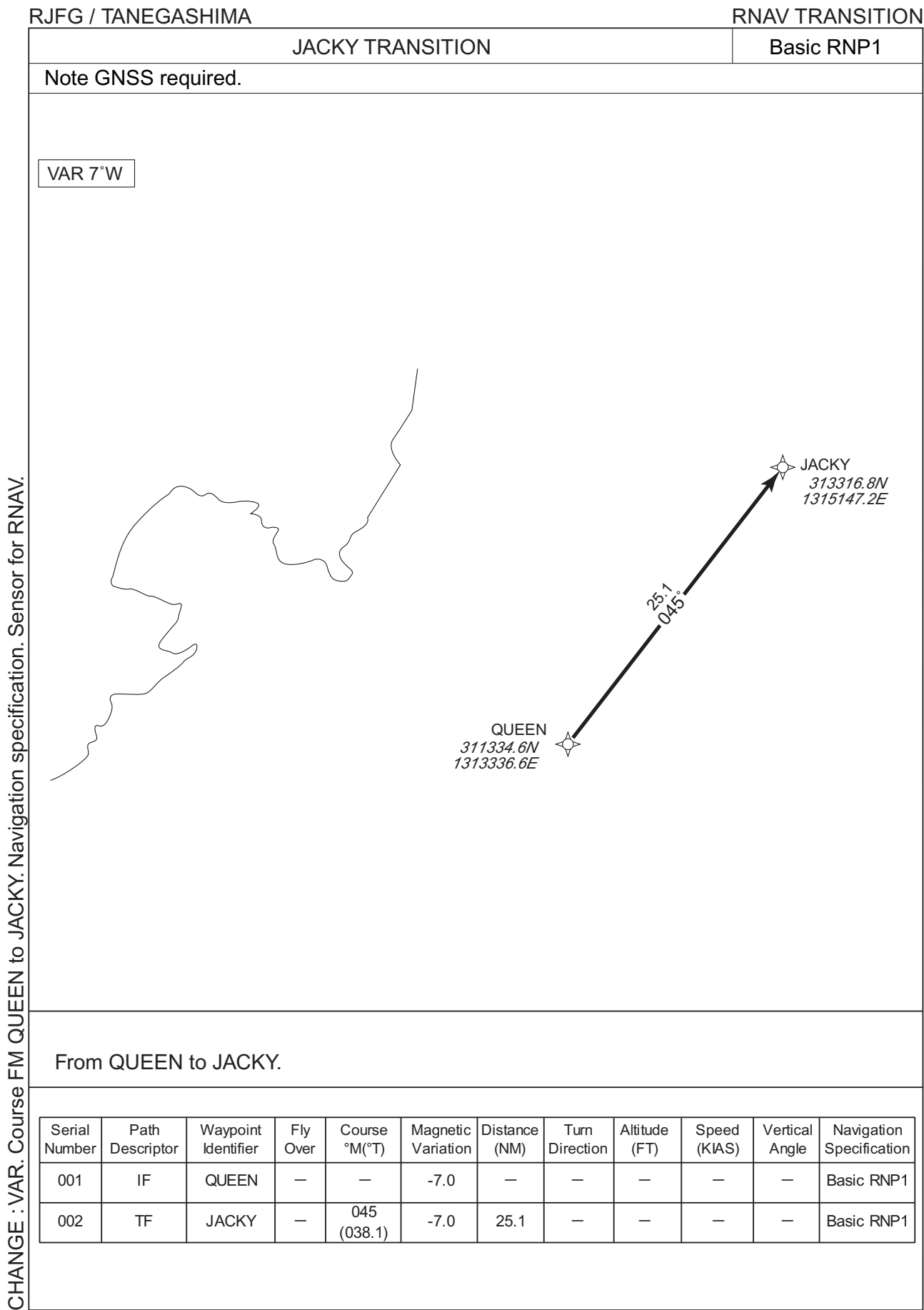
RJFG / TANEGASHIMA

RNAV SID

FREDY TWO DEPARTURE											
RWY13											
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	—	—	130 (123.0)	-7.0	—	—	+1200	—	—	Basic RNP1
002	DF	FREDY	—	—	-7.0	—	L	+7000	—	—	Basic RNP1
003	TF	QUEEN	—	045 (038.0)	-7.0	24.9	—	—	—	—	Basic RNP1
RWY31											
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	—	—	310 (303.0)	-7.0	—	—	+1300	—	—	Basic RNP1
002	DF	FREDY	—	—	-7.0	—	R	+7000	—	—	Basic RNP1
003	TF	QUEEN	—	045 (038.0)	-7.0	24.9	—	—	—	—	Basic RNP1

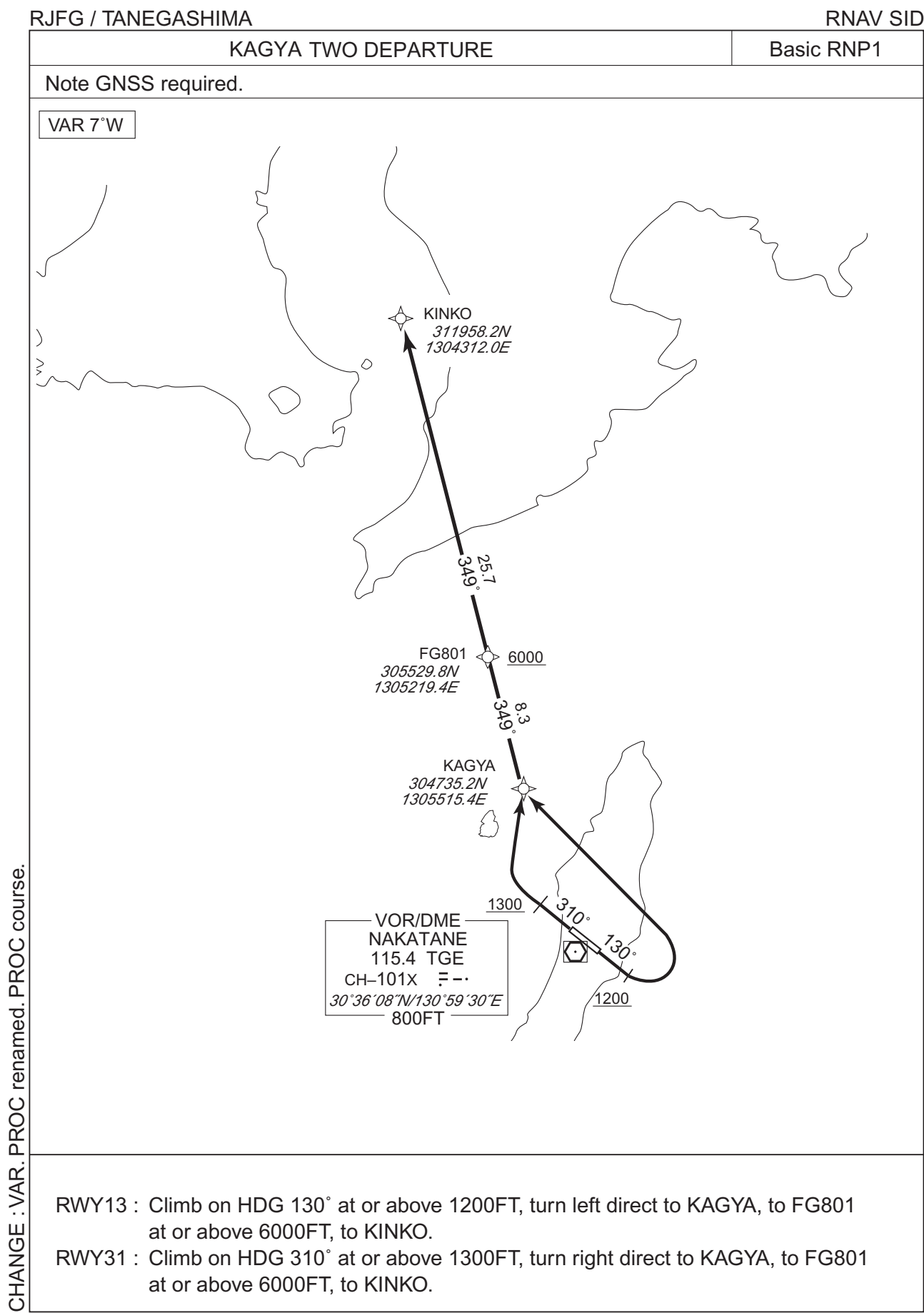
CHANGE : VAR. PROC renamed. PROC course.

STANDARD DEPARTURE CHART -INSTRUMENT





STANDARD DEPARTURE CHART -INSTRUMENT



## STANDARD DEPARTURE CHART -INSTRUMENT

RJFG / TANEGASHIMA

RNAV SID

KAGYA TWO DEPARTURE

## RWY13

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	—	—	130 (123.0)	-7.0	—	—	+1200	—	—	Basic RNP1
002	DF	KAGYA	—	—	-7.0	—	L	—	—	—	Basic RNP1
003	TF	FG801	—	349 (342.4)	-7.0	8.3	—	+6000	—	—	Basic RNP1
004	TF	KINKO	—	349 (342.3)	-7.0	25.7	—	—	—	—	Basic RNP1

## RWY31

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	—	—	310 (303.0)	-7.0	—	—	+1300	—	—	Basic RNP1
002	DF	KAGYA	—	—	-7.0	—	R	—	—	—	Basic RNP1
003	TF	FG801	—	349 (342.4)	-7.0	8.3	—	+6000	—	—	Basic RNP1
004	TF	KINKO	—	349 (342.3)	-7.0	25.7	—	—	—	—	Basic RNP1

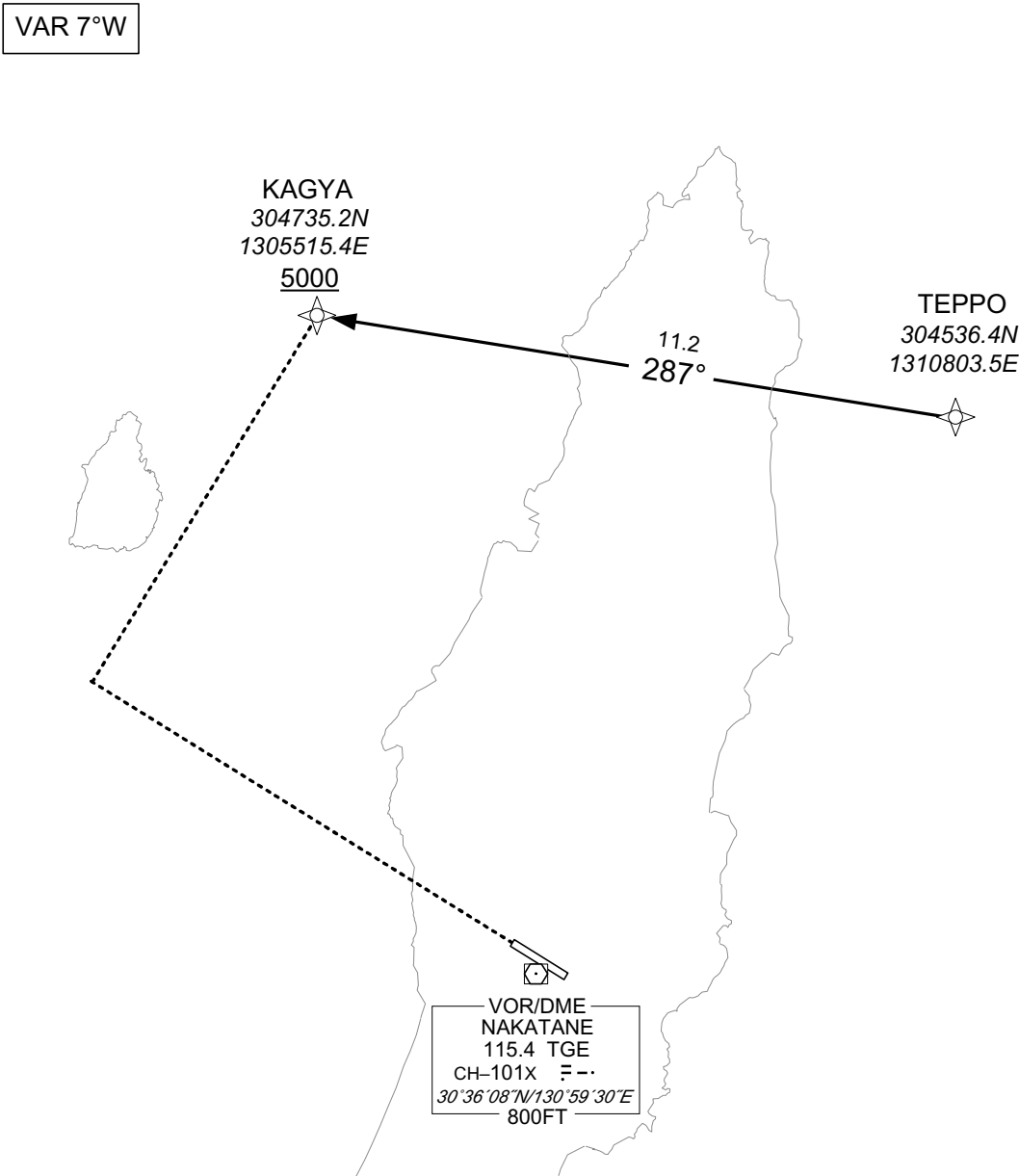
CHANGE : VAR. PROC renamed. PROC course.

STANDARD ARRIVAL CHART - INSTRUMENT

RJFG / TANEGASHIMA RNAV STAR RWY13

TEPPO ARRIVAL	Basic RNP1
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Note GNSS required.



From TEPPO, to KAGYA at or above 5000FT.

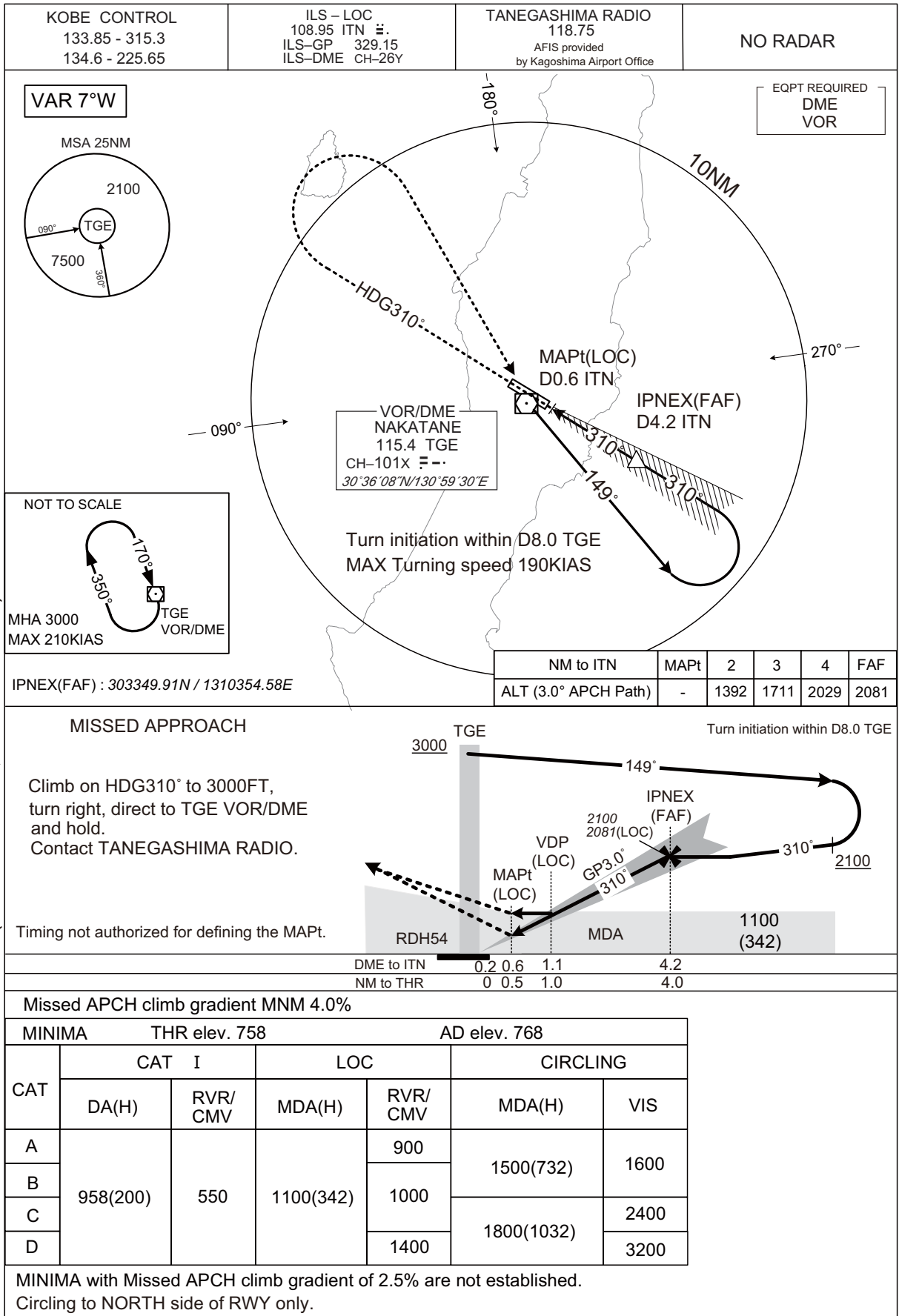
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	TEPPO	—	—	-7.0	—	—	—	—	—	Basic RNP1
002	TF	KAGYA	—	287 (280.3)	-7.0	11.2	—	+5000	—	—	Basic RNP1

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INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

ILS or LOC RWY31



CHANGE : FREQ of KOBE CONTROL(127.15 → 134.6, 251.0 → 225.65).

## INSTRUMENT APPROACH CHART

## RJFG / TANEGASHIMA

## VOR RWY13

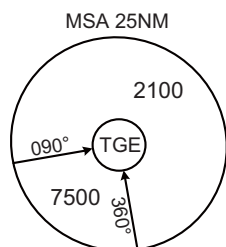
KOBE CONTROL  
133.85 - 315.3  
134.6 - 225.65

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

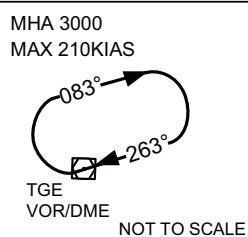
TANEGASHIMA RADIO  
118.75  
AFIS provided  
by Kagoshima Airport Office

NO RADAR

VAR 7°W

EQPT REQUIRED  
DME

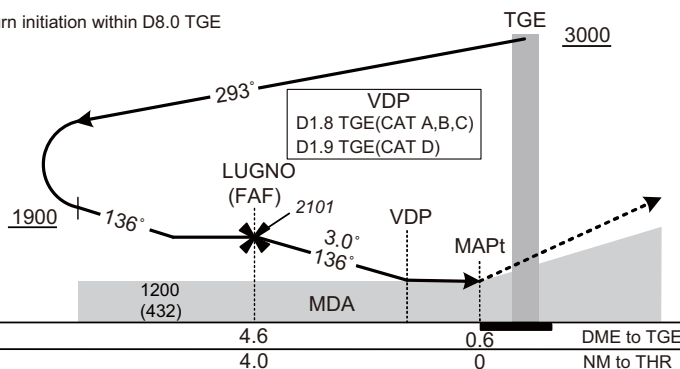
Turn initiation within D8.0 TGE  
MAX Turning speed 200KIAS



NM to TGE	FAF	4	3	2	MAPt
ALT (3.0° APCH Path)	2101	1896	1578	1260	-

LUGNO(FAF) : 303903.36N / 1305518.69E

Turn initiation within D8.0 TGE



## MISSED APPROACH

Climb via TGE R136 to 3000FT,  
turn left, direct to TGE VOR/DME  
and hold.  
Contact TANEGASHIMA RADIO.

Timing not authorized for defining the MAPt.

Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 778 AD elev. 768

CAT	MDA(H)		CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	1160(392)	1200	1500(732)	1600
B		1300		
C	1180(412)	1400	1800(1032)	2400
D	1200(432)	1600		3200

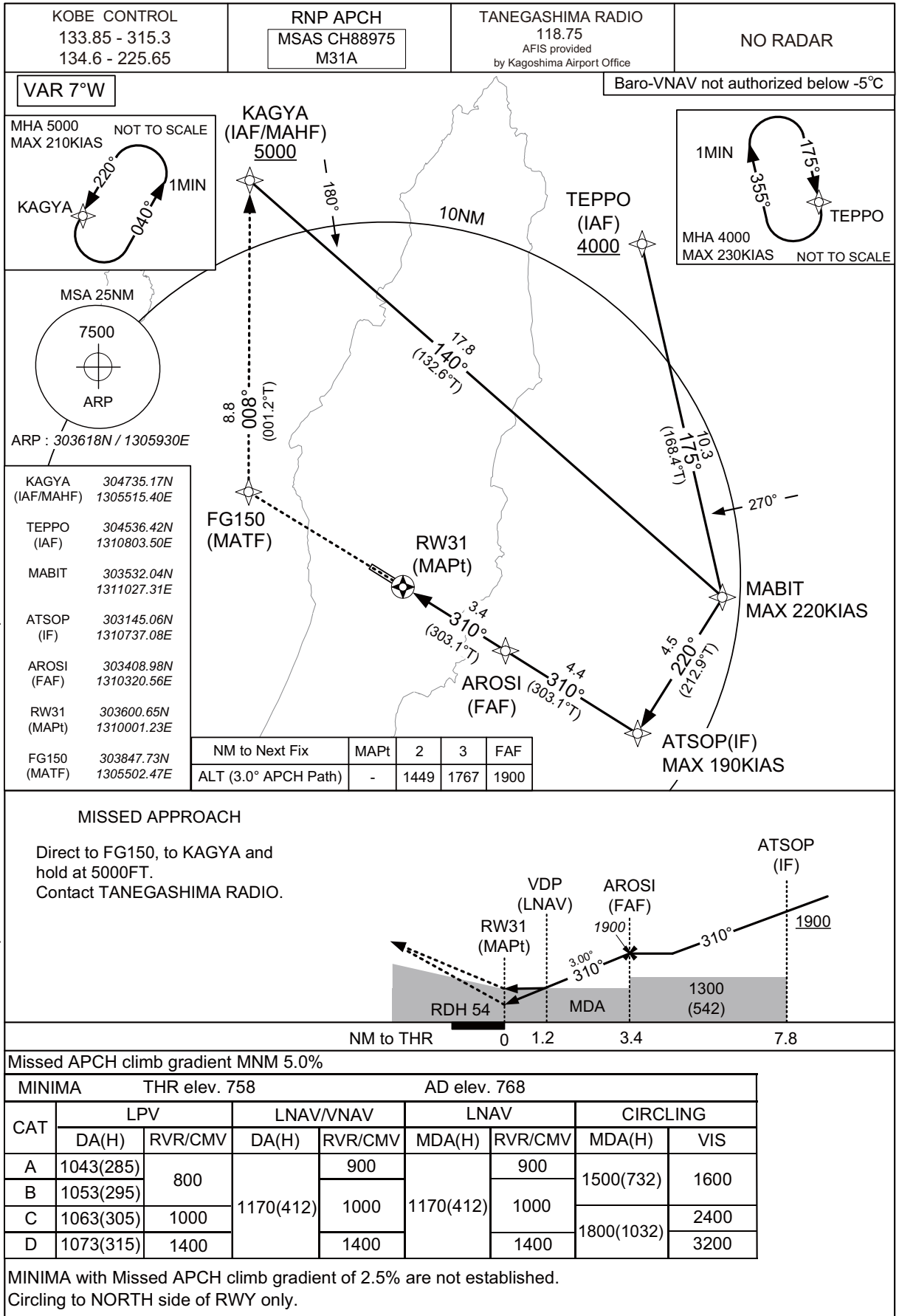
MINIMA with Missed APCH climb gradient of 2.5% are not established.  
Circling to NORTH side of RWY only.

CHANGE : FREQ of KOBE CONTROL(127.15 → 134.6, 251.0 → 225.65).

INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

RNP RWY31



CHANGE : FREQ of KOBE CONTROL(127.15 → 134.6, 251.0 → 225.65).

## INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

RNP RWY31

**FAS DATA BLOCK**

Operation type	0	LTP/FTP ellipsoidal height	+02605
SBAS service provider identifier	2	FPAP latitude	303635.9110N
Airport identifier	RJFG	FPAP longitude	1305858.2130E
Runway	31	Threshold crossing height	00016.5
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	M31A	∠ length offset	0000
LTP/FTP latitude	303600.6245N	HAL	40.0
LTP/FTP longitude	1310001.2545E	VAL	50.0
CRC remainder	2EE6E3AF		

**Required additional data**

LTP/FTP orthometric height	231.2
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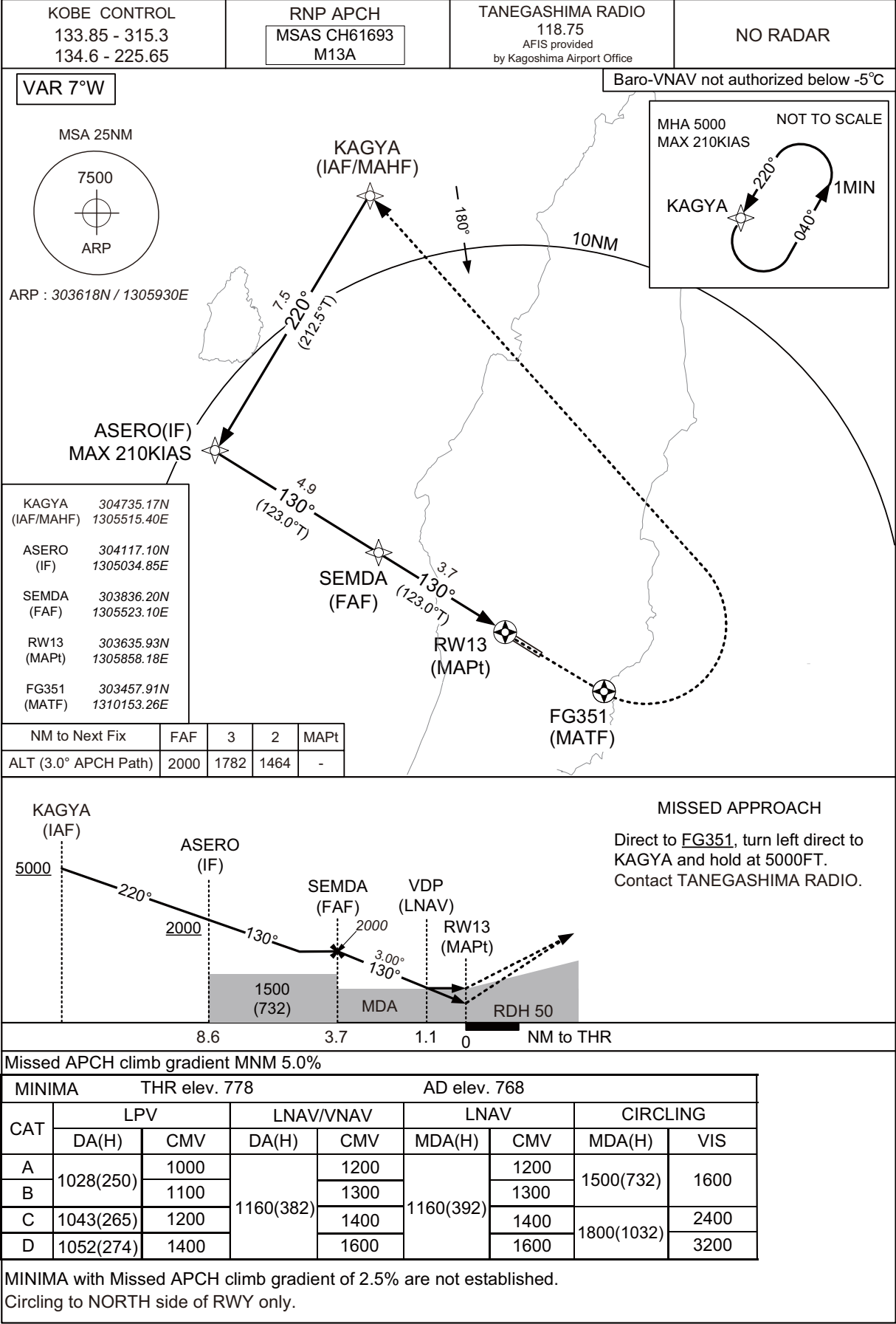
CHANGE : New PROC.



INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

RNP RWY13



## INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

RNP RWY13

**FAS DATA BLOCK**

Operation type	0	LTP/FTP ellipsoidal height	+02666
SBAS service provider identifier	2	FPAP latitude	303600.6245N
Airport identifier	RJFG	FPAP longitude	1310001.2545E
Runway	13	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	M13A	∠ length offset	0000
LTP/FTP latitude	303635.9110N	HAL	40.0
LTP/FTP longitude	1305858.2130E	VAL	50.0
CRC remainder	1527D649		

**Required additional data**

LTP/FTP orthometric height	237.1
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CHANGE : FAS DATA BLOCK, Required additional data established.

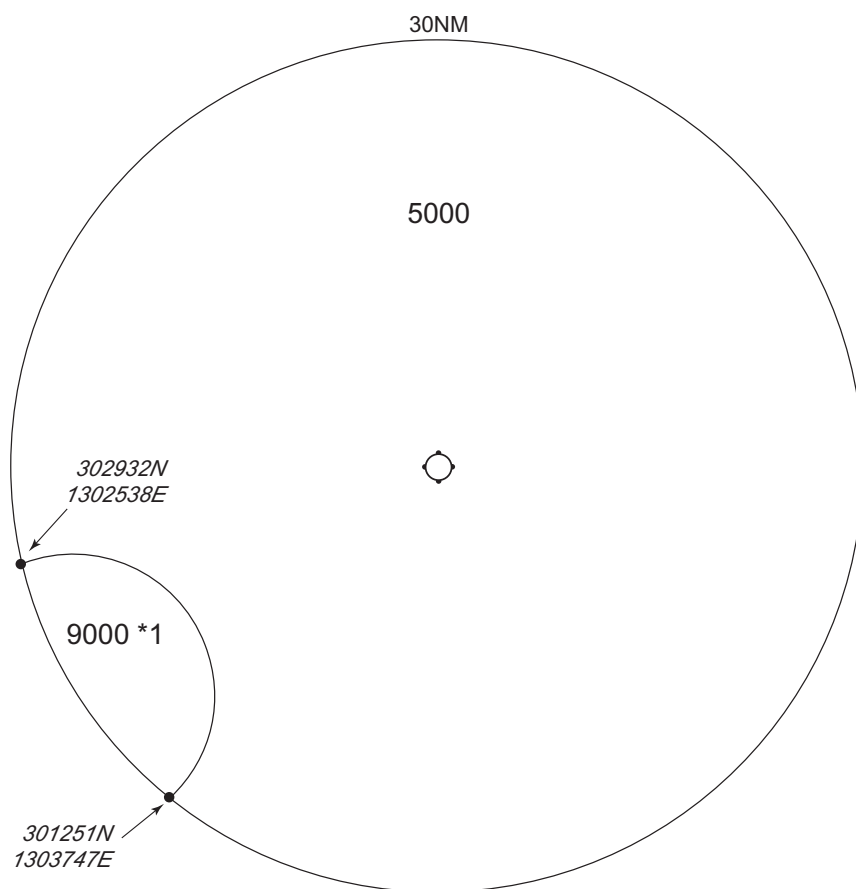
## Visual REP

CHANGE : VAR.

RJFG / TANEGASHIMA

Minimum Vectoring Altitude CHART

CHANGE : Minimum vectoring altitude(6000→5000).



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

CENTER : 303618N/1305930E (ARP)