

## AD CHART

**TANEGASHIMA AP**

TRUE NORTH

FIRE STATION  
TERMINAL BLD  
ABN

APRON FLOOD LGT

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

RTHL

303636N 1305858E

OVERRUN AREA EDGE LGT

ARP  
303618N 1305930E

PAPI Angle 3.0°  
MEHT 16.7m(55ft)

RTHL

303601N 1310001E

WIND SPEED METER  
WDI  
RVR

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

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	

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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,...

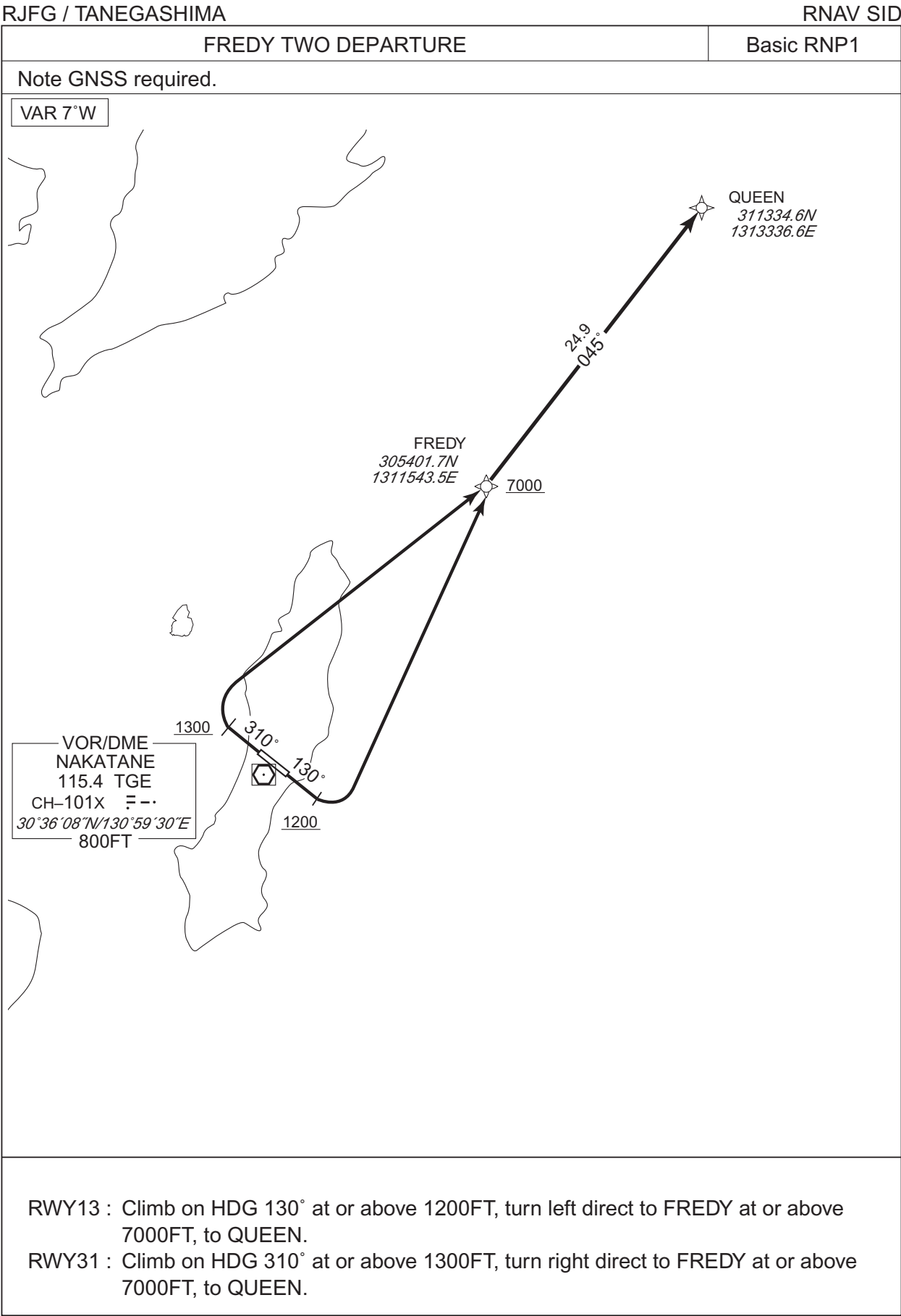
RWY 31 : Climb RWY HDG to TGE 5.6DME, turn left,...

... direct to TGE VOR/DME.

Cross TGE VOR/DME at or above 4000FT.



STANDARD DEPARTURE CHART -INSTRUMENT



CHANGE : VAR. PROC renamed. PROC course.

STANDARD DEPARTURE CHART -INSTRUMENT

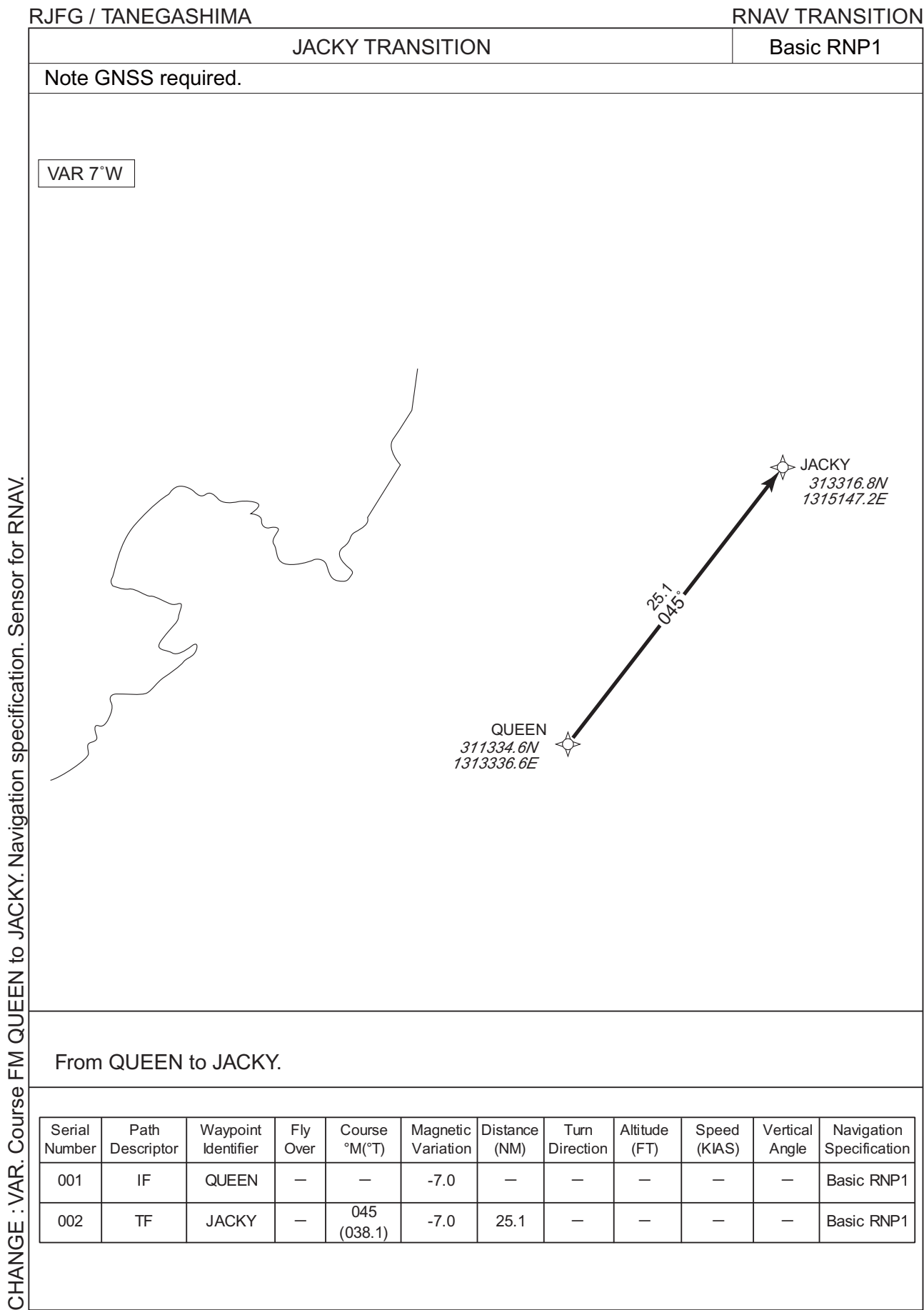
RJFG / TANEGASHIMA

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

RJFG / TANEGASHIMA

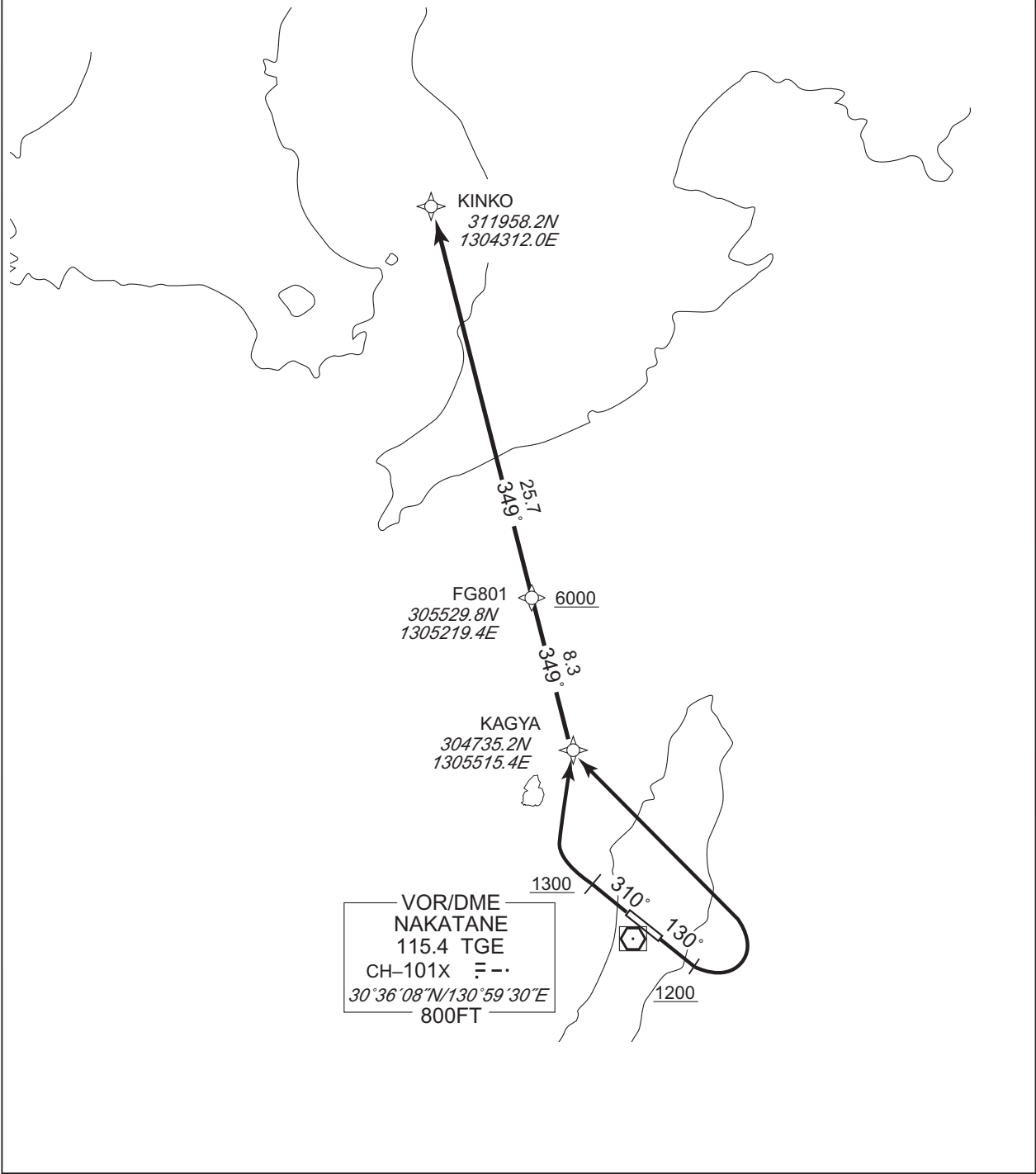
RNAV SID

KAGYA TWO DEPARTURE

Basic RNP1

Note GNSS required.

VAR 7°W



CHANGE : VAR. PROC renamed. PROC course.

- RWY13 : Climb on HDG 130° at or above 1200FT, turn left direct to KAGYA, to FG801 at or above 6000FT, to KINKO.
- RWY31 : Climb on HDG 310° at or above 1300FT, turn right direct to KAGYA, to FG801 at or above 6000FT, to KINKO.

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

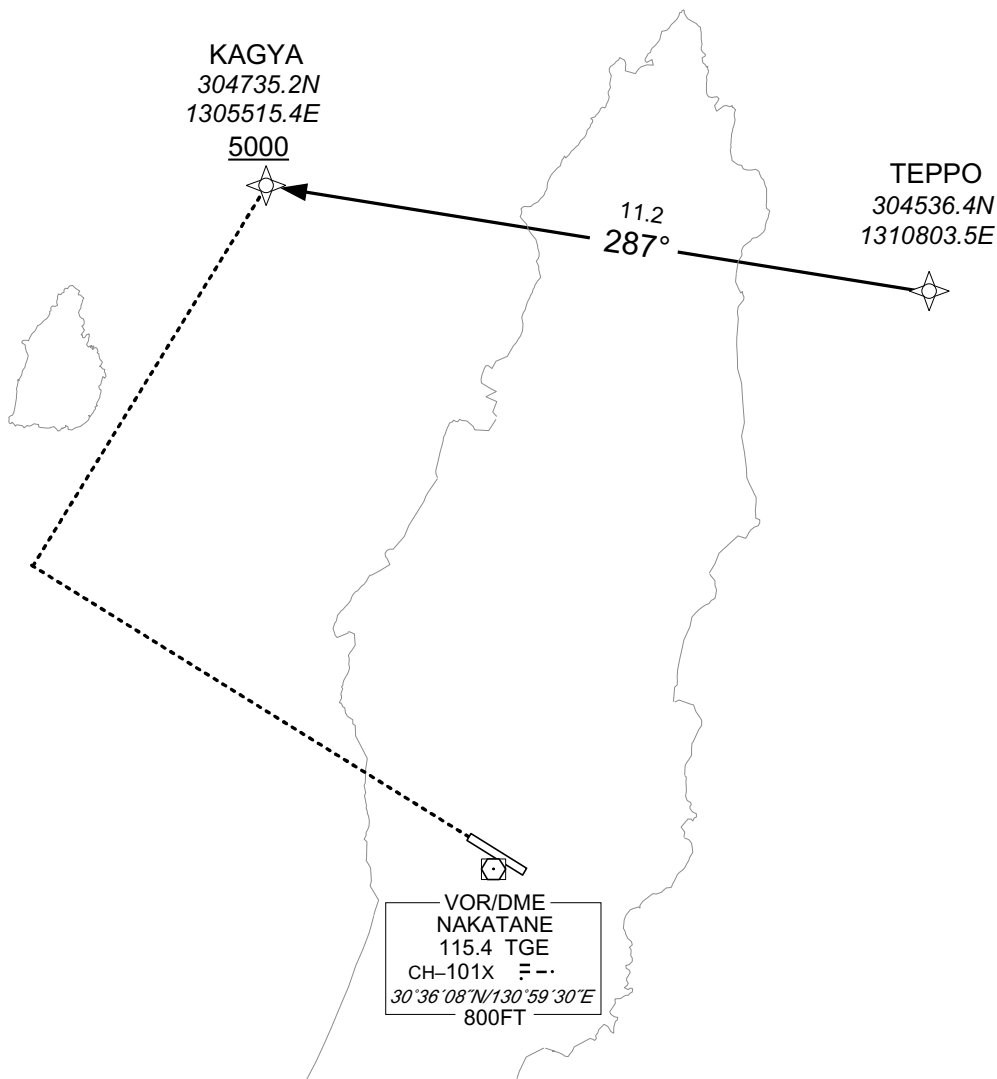
RJFG / TANEGASHIMA

RNAV STAR RWY13

TEPPO ARRIVAL	Basic RNP1
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Note GNSS required.

VAR 7°W



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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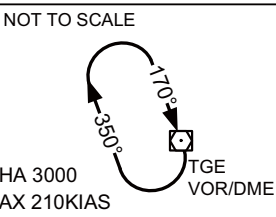
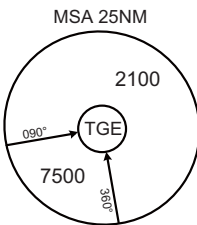
INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

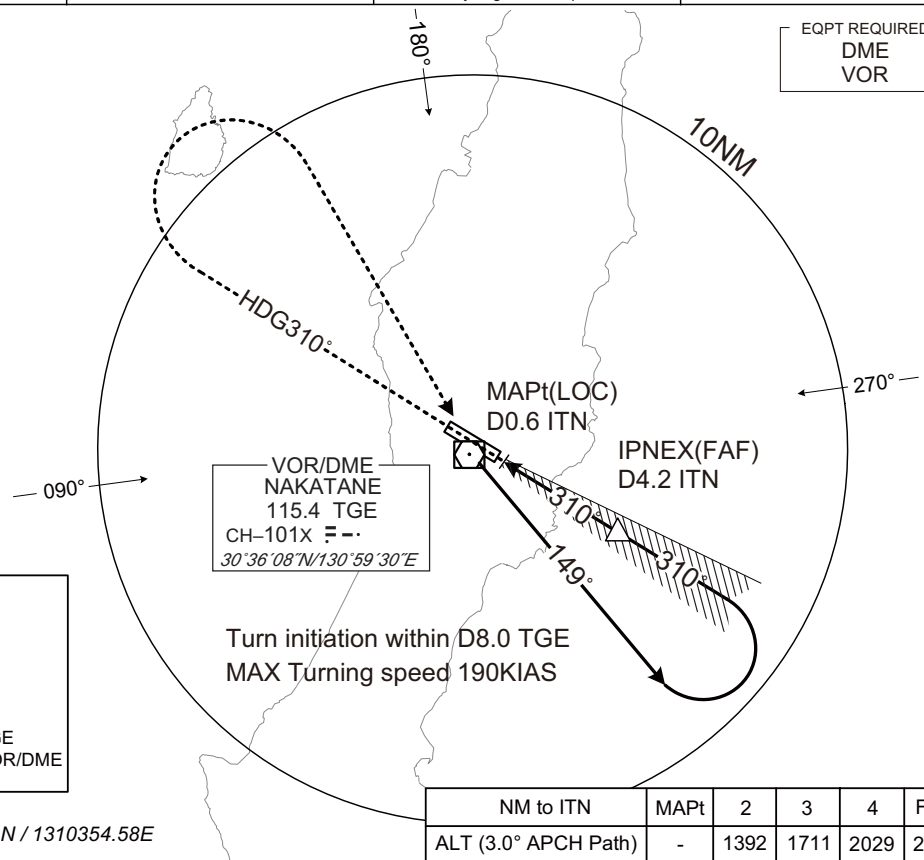
ILS or LOC RWY31

KOBE CONTROL 133.85 - 315.3 134.6 - 225.65	ILS - LOC 108.95 ITN 310° ILS-GP 329.15 ILS-DME CH-26Y	TANEGASHIMA RADIO 118.75 AFIS provided by Kagoshima Airport Office	NO RADAR
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VAR 7°W



IPNEX(FAF) : 303349.91N / 1310354.58E

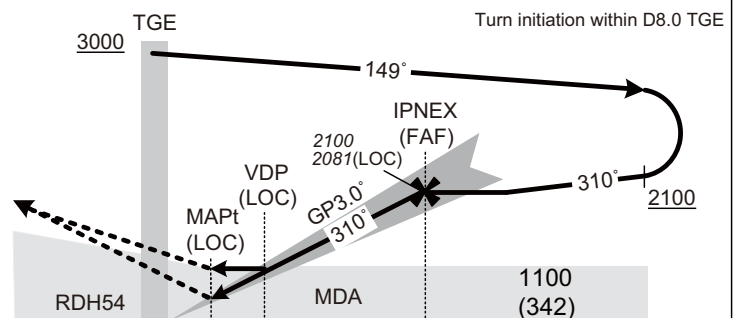


NM to ITN	MAPt	2	3	4	FAF
ALT (3.0° APCH Path)	-	1392	1711	2029	2081

MISSED APPROACH

Climb on HDG310° to 3000FT,  
turn right, direct to TGE VOR/DME  
and hold.  
Contact TANEGASHIMA RADIO.

Timing not authorized for defining the MAPt.



DME to ITN	0.2	0.6	1.1	4.2
NM to THR	0	0.5	1.0	4.0

Missed APCH climb gradient MNM 4.0%

MINIMA		THR elev. 758		AD elev. 768		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	958(200)	550	1100(342)	900	1500(732)	1600
B				1000		
C				1400	1800(1032)	2400
D						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

## VOR RWY13

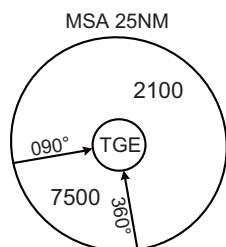
KOBE CONTROL  
133.85 - 315.3  
134.6 - 225.65

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

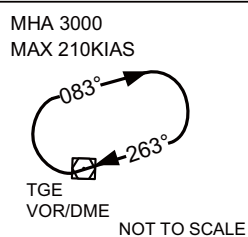
TANEGASHIMA RADIO  
118.75  
AFIS provided  
by Kagoshima Airport Office

NO RADAR

VAR 7°W

EQPT REQUIRED  
DME

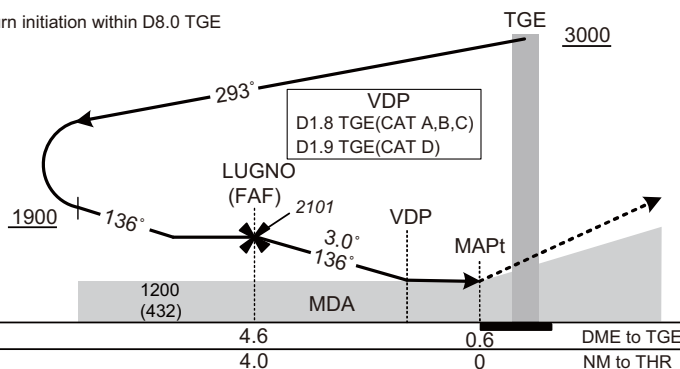
Turn initiation within D8.0 TGE  
MAX Turning speed 200KIAS



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

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

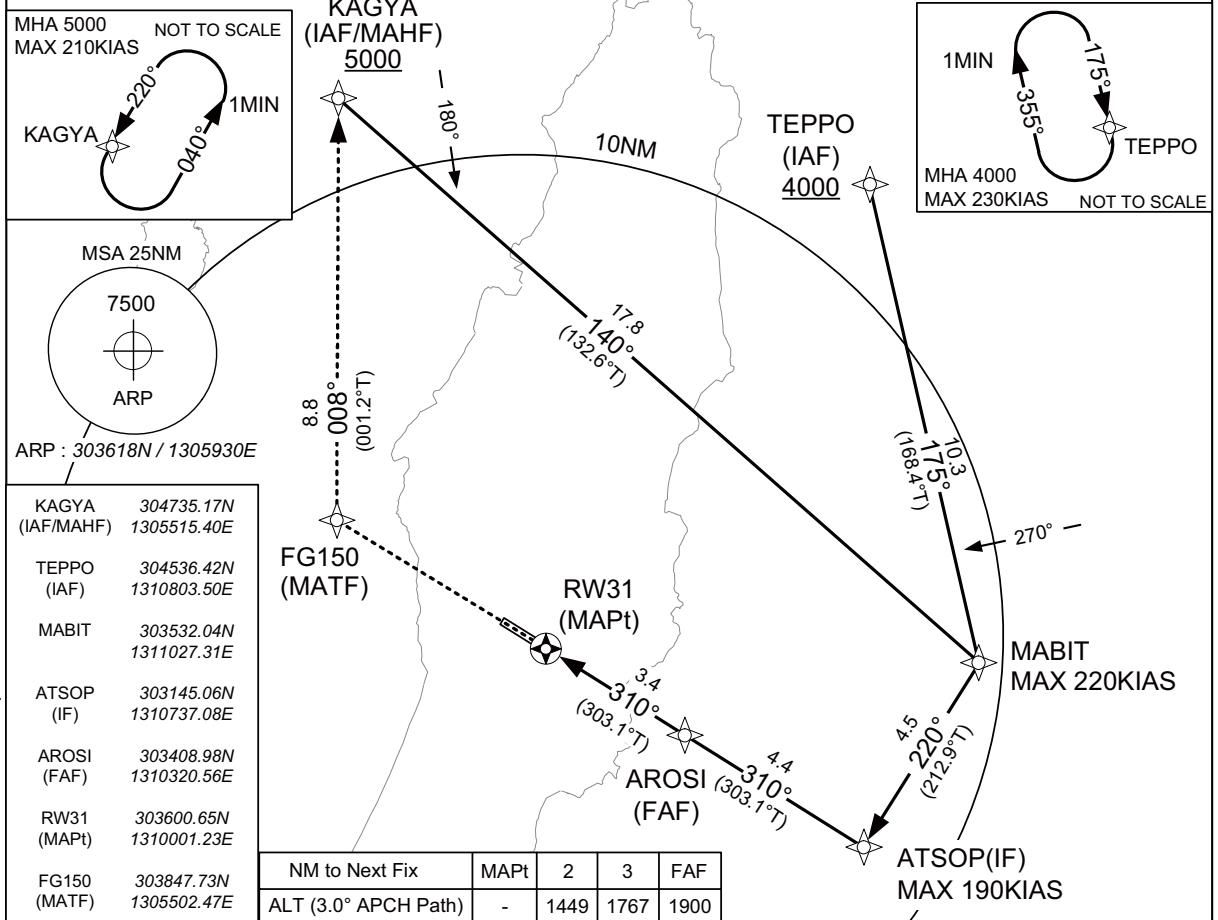
RJFG / TANEGASHIMA

RNP RWY31

KOBE CONTROL 133.85 - 315.3 134.6 - 225.65	RNP APCH MSAS CH88975 M31A	TANEGASHIMA RADIO 118.75 AFIS provided by Kagoshima Airport Office	NO RADAR
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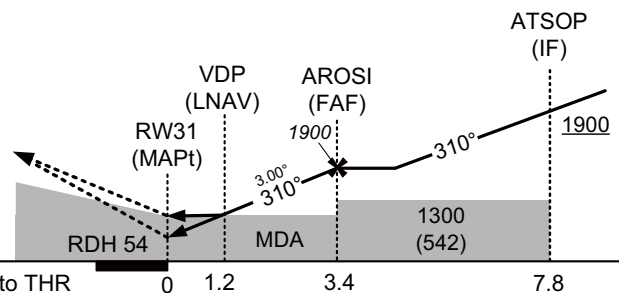
VAR 7°W

Baro-VNAV not authorized below -5°C



MISSED APPROACH

Direct to FG150, to KAGYA and hold at 5000FT.  
Contact TANEGASHIMA RADIO.



Missed APCH climb gradient MNM 5.0%

MINIMA		THR elev. 758		AD elev. 768					
CAT	LPV		LNAV/VNAV		LNAV		CIRCLING		
	DA(H)	RVR/CMV	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS	
A	1043(285)	800	1170(412)	900	1170(412)	900	1500(732)	1600	
B	1053(295)			1000		1000			
C	1063(305)	1000		1400		1400	1400	1800(1032)	2400
D	1073(315)	1400				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

**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**

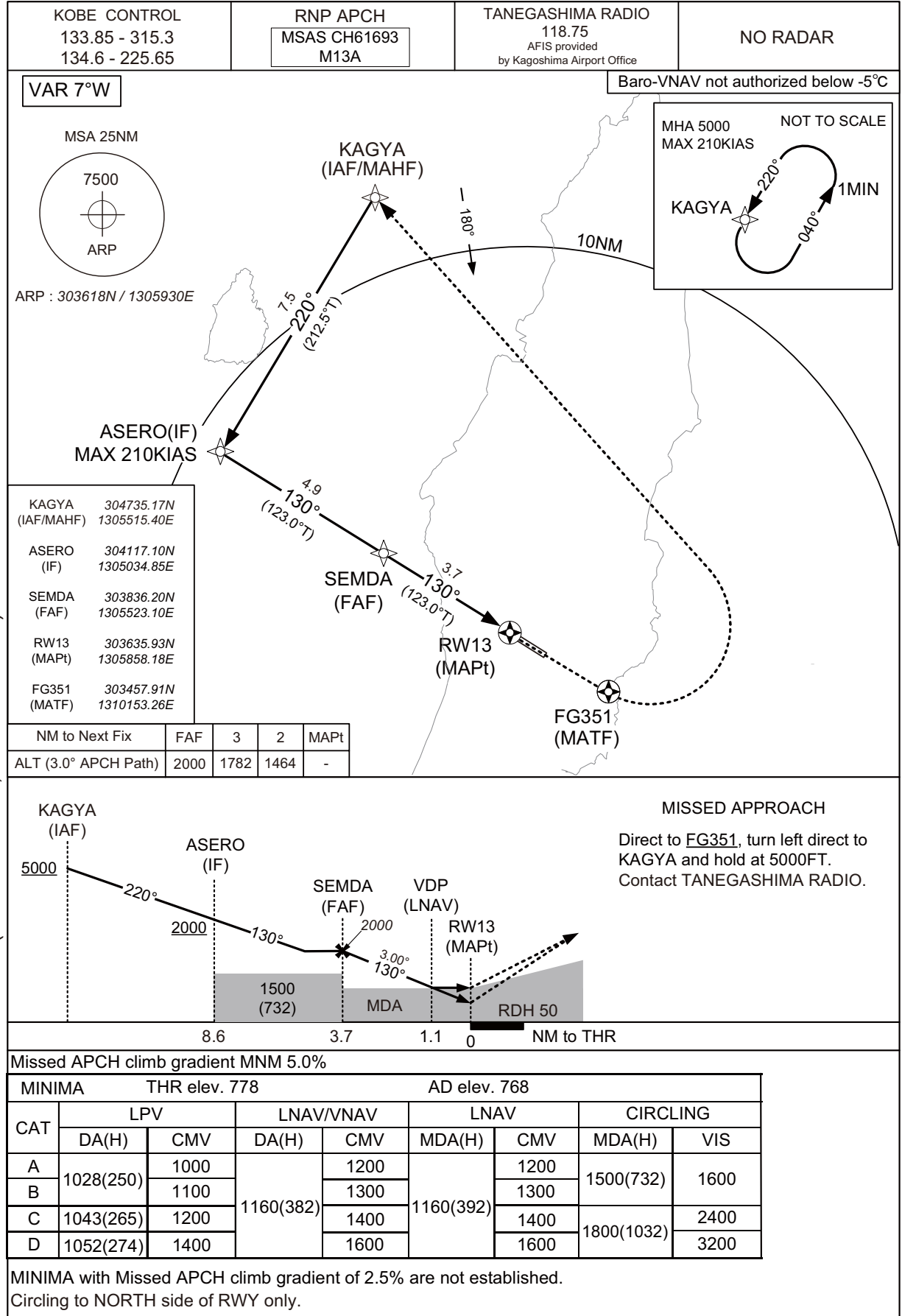
LTP/FTP orthometric height	231.2
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CHANGE : New PROC.

INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

RNP RWY13



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

RJFG / TANEGASHIMA

RNP RWY13

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		

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



RJFG / TANEGASHIMA

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
喜志鹿崎 Kishigazaki	014°T / 14.2NM	灯台 Lighthouse
西之表 Nishinoomote	359°T / 7.5NM	西之表港 Harbor
10NM W	270°T / 10.0NM	海上 Over the sea
島間 Shimama	219°T / 10.6NM	港 Harbor
竹崎 Takezaki	187°T / 13.2NM	灯台 Lighthouse

RJFG / TANEGASHIMA

Minimum Vectoring Altitude CHART

CHANGE : Minimum vectoring altitude(6000→5000).



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

CENTER : 303618N/1305930E (ARP)