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STANDARD DEPARTURE CHART - INSTRUMENT

RJFG / TANEGASHIMA

SID

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

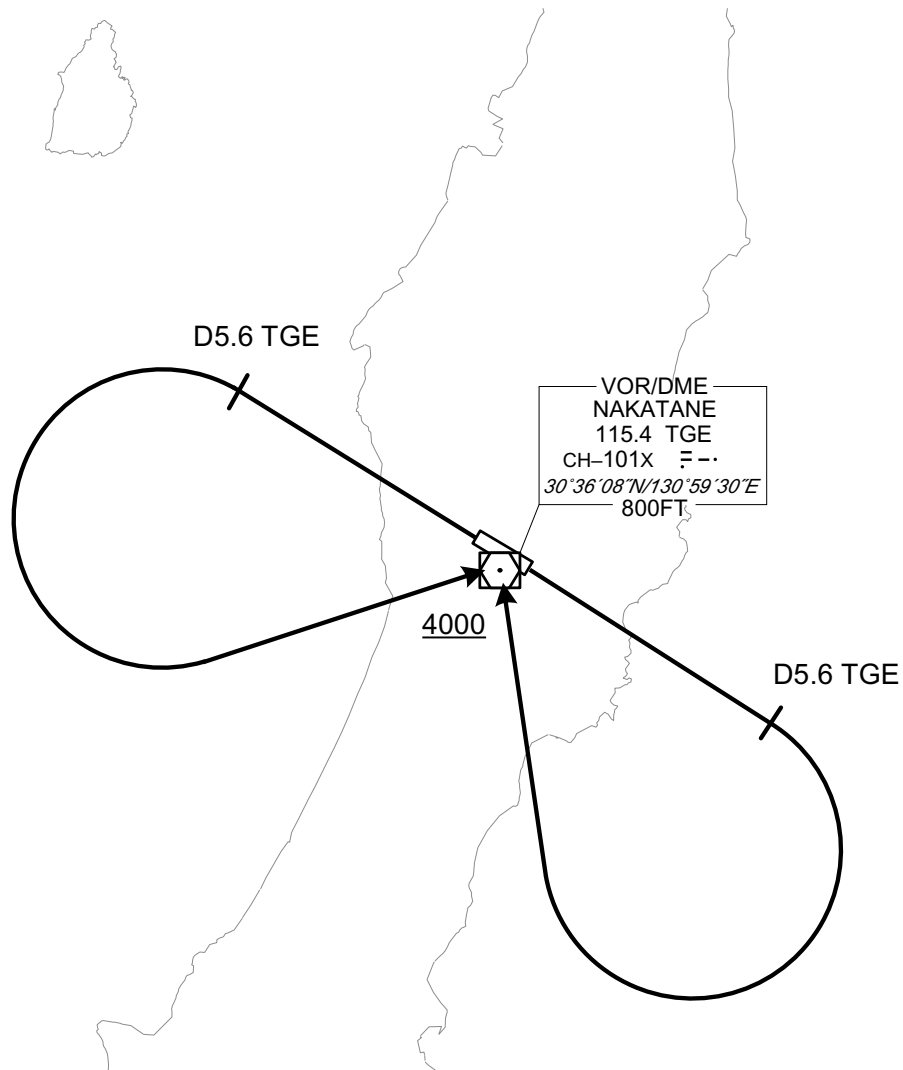
TANEGASHIMA REVERSAL THREE DEPARTURE

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

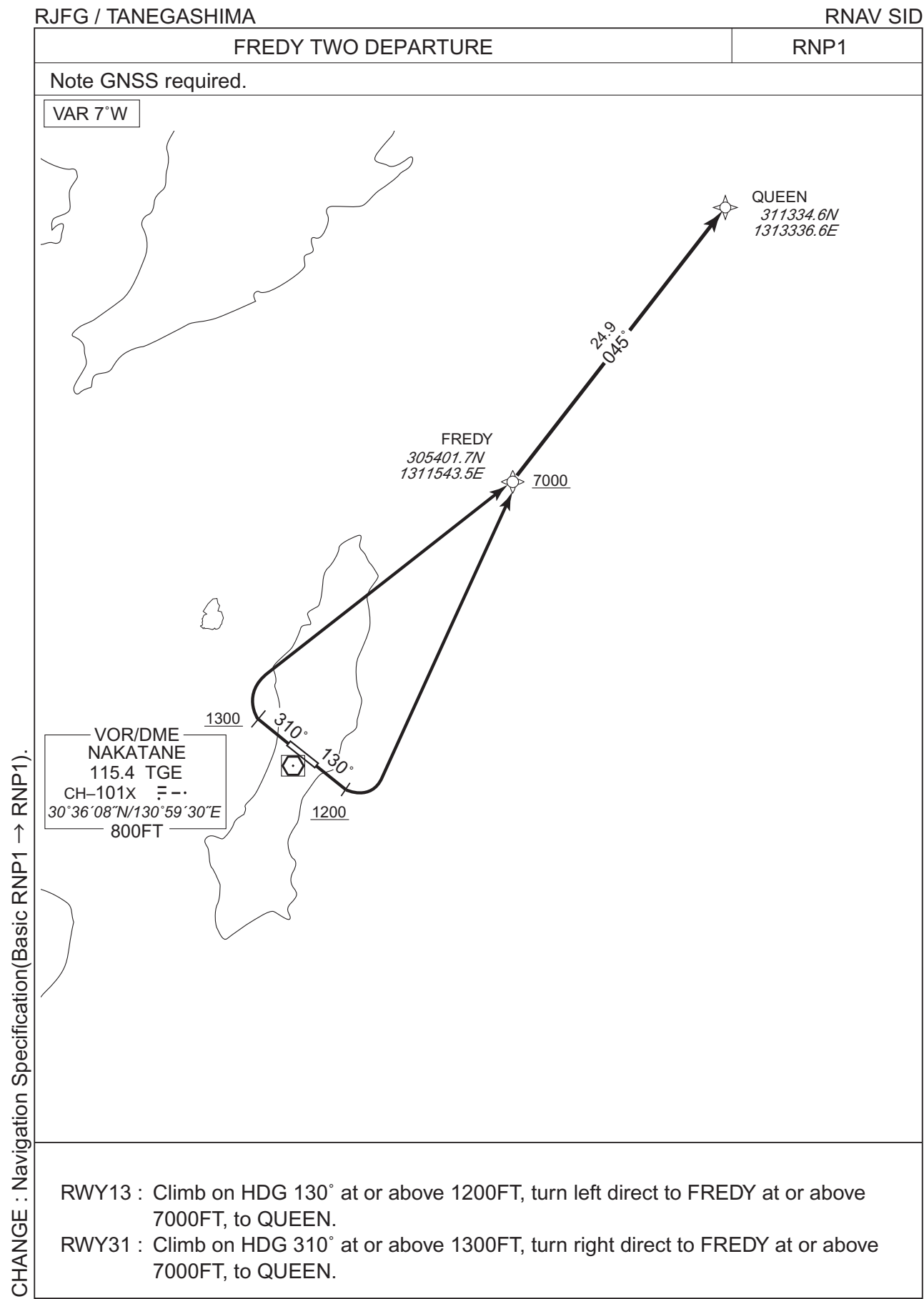
RWY 31 : Climb RWY HDG to TGE 5.6DME, turn left,...

... direct to TGE VOR/DME.

Cross TGE VOR/DME at or above 4000FT.



STANDARD DEPARTURE CHART -INSTRUMENT



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	-	-	RNP1
002	DF	FREDY	-	-	-7.0	-	L	+7000	-	-	RNP1
003	TF	QUEEN	-	045 (038.0)	-7.0	24.9	-	-	-	-	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	-	-	RNP1
002	DF	FREDY	-	-	-7.0	-	R	+7000	-	-	RNP1
003	TF	QUEEN	-	045 (038.0)	-7.0	24.9	-	-	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART -INSTRUMENT

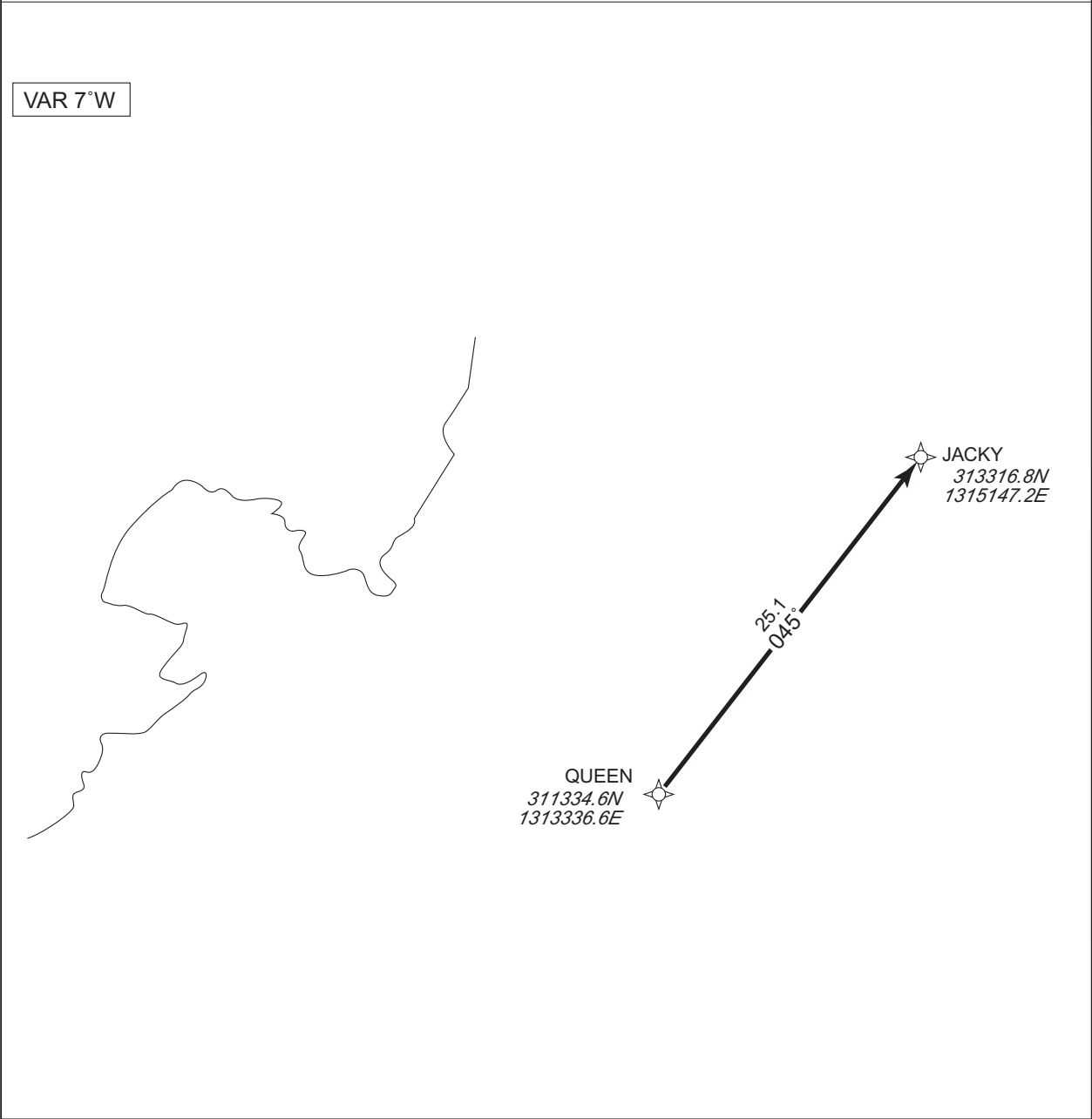
RJFG / TANEGASHIMA

RNAV TRANSITION

JACKY TRANSITION

RNP1

Note GNSS required.

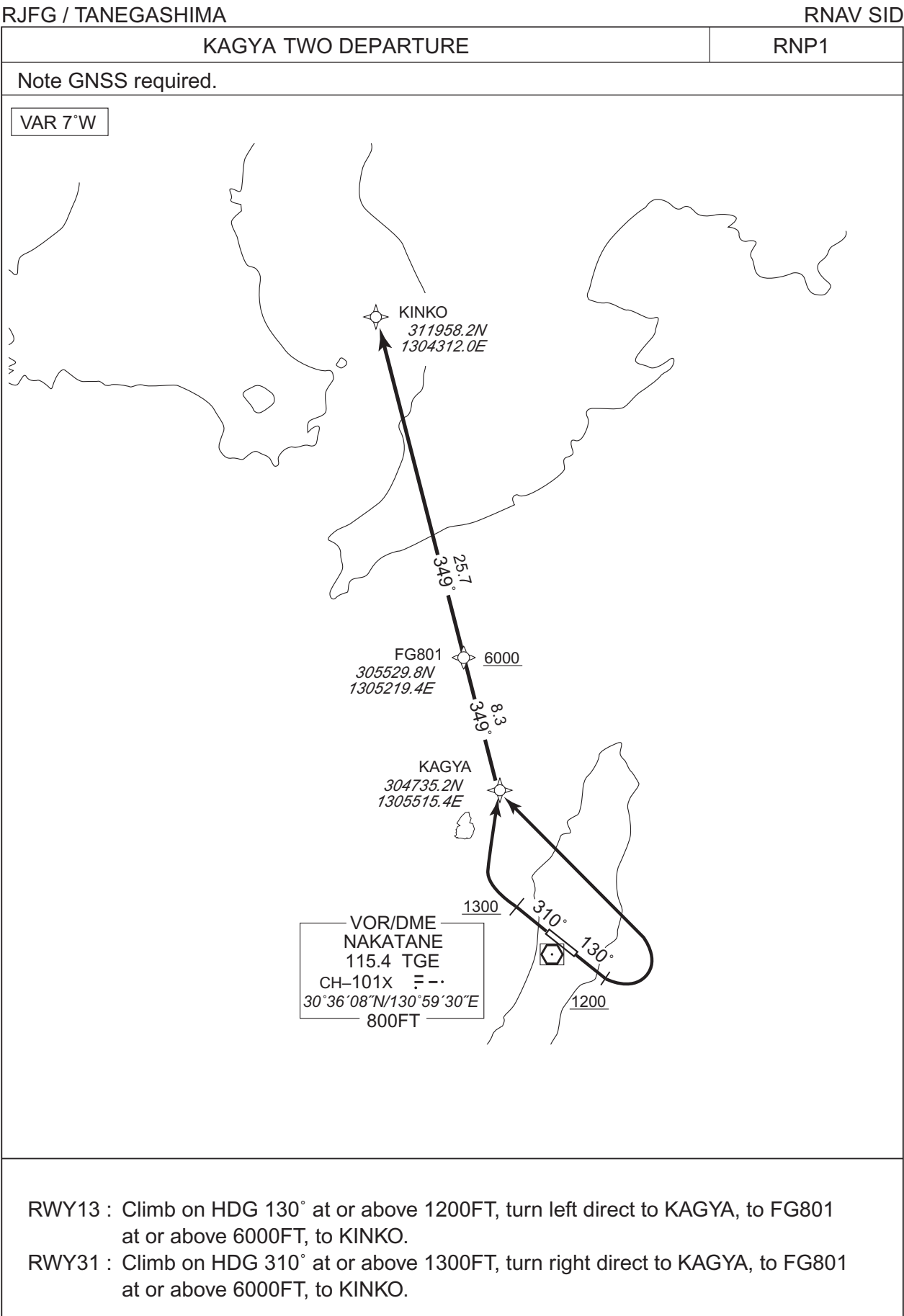


From QUEEN to JACKY.

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	QUEEN	—	—	-7.0	—	—	—	—	—	RNP1
002	TF	JACKY	—	045 (038.1)	-7.0	25.1	—	—	—	—	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART -INSTRUMENT



STANDARD DEPARTURE CHART -INSTRUMENT

RJFG / TANEGASHIMA

RNAV SID

KAGYA TWO DEPARTURE

RWY13

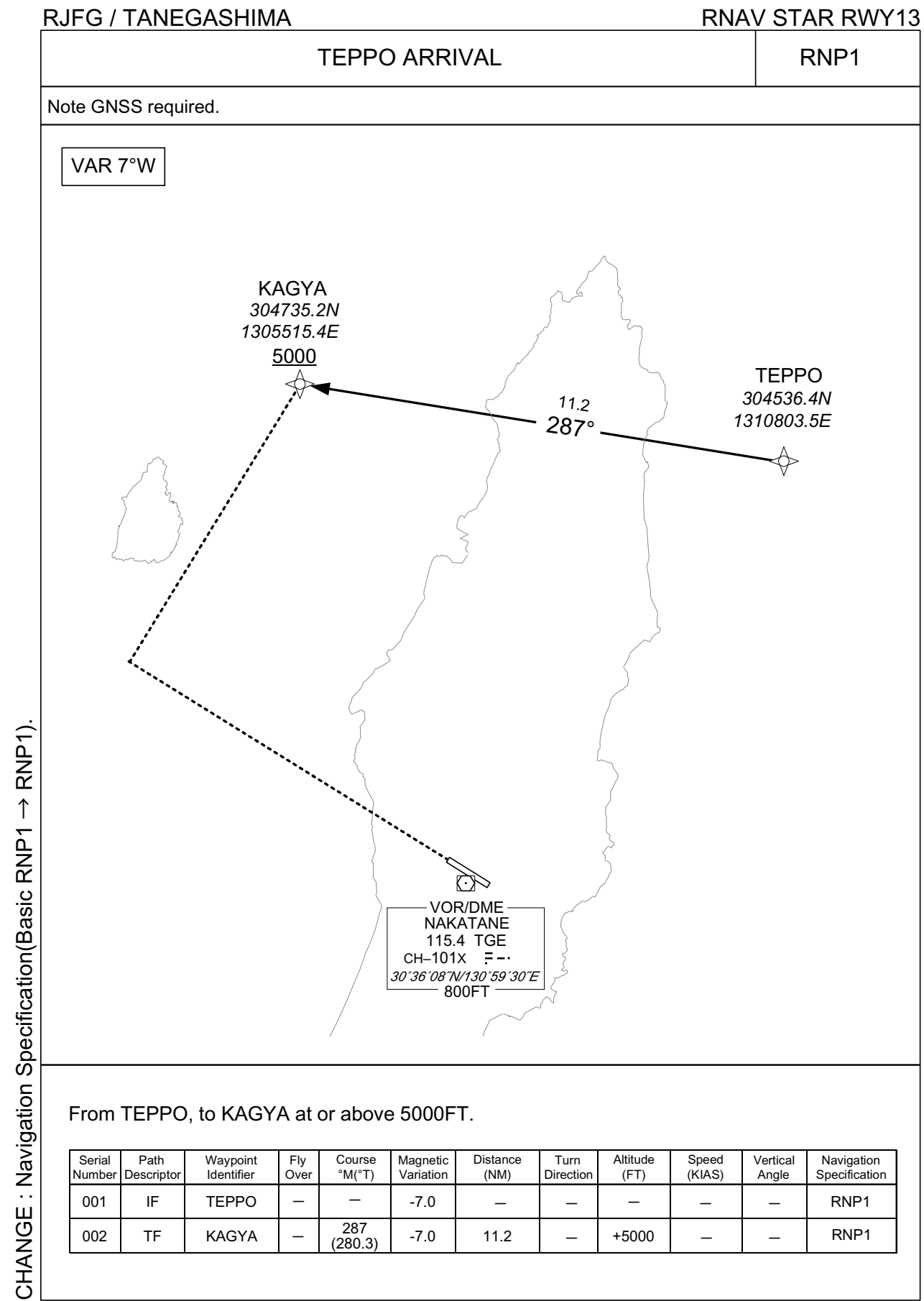
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	130 (123.0)	-7.0	-	-	+1200	-	-	RNP1
002	DF	KAGYA	-	-	-7.0	-	L	-	-	-	RNP1
003	TF	FG801	-	349 (342.4)	-7.0	8.3	-	+6000	-	-	RNP1
004	TF	KINKO	-	349 (342.3)	-7.0	25.7	-	-	-	-	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	-	-	RNP1
002	DF	KAGYA	-	-	-7.0	-	R	-	-	-	RNP1
003	TF	FG801	-	349 (342.4)	-7.0	8.3	-	+6000	-	-	RNP1
004	TF	KINKO	-	349 (342.3)	-7.0	25.7	-	-	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD ARRIVAL CHART - INSTRUMENT

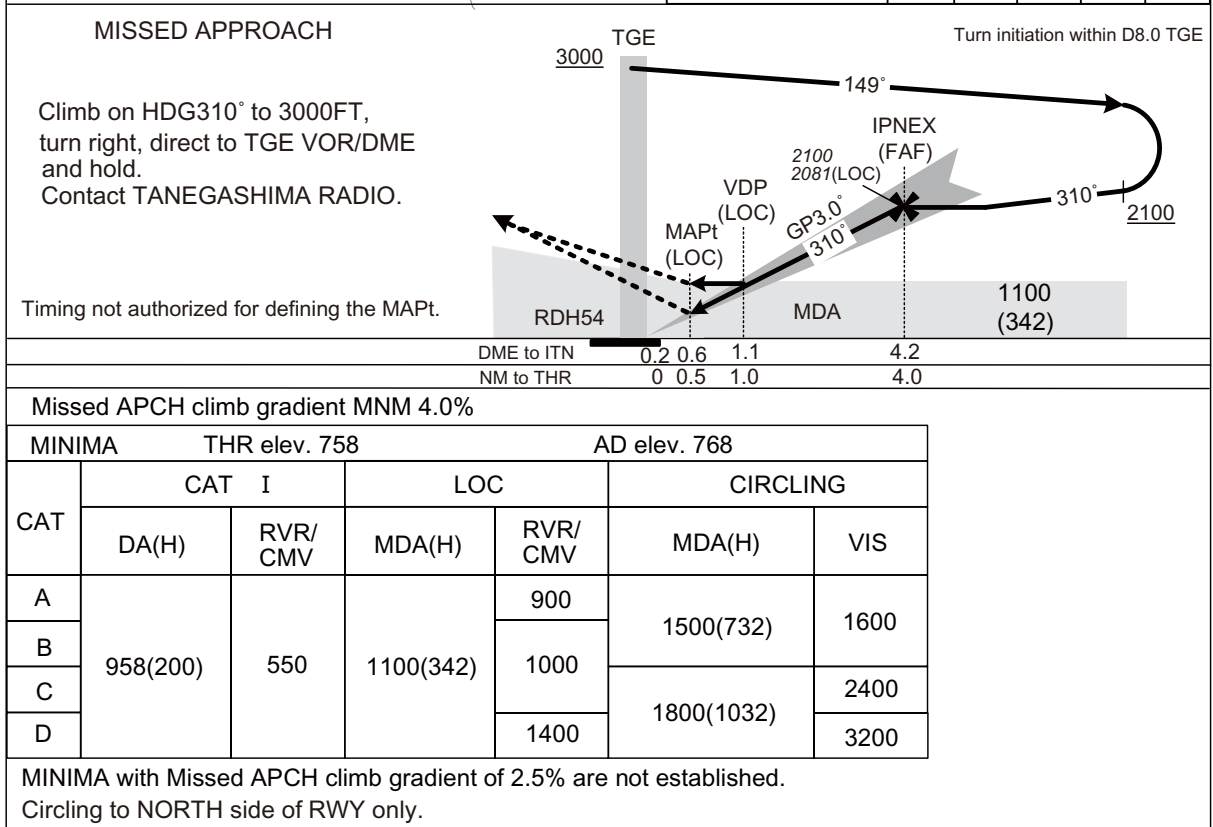
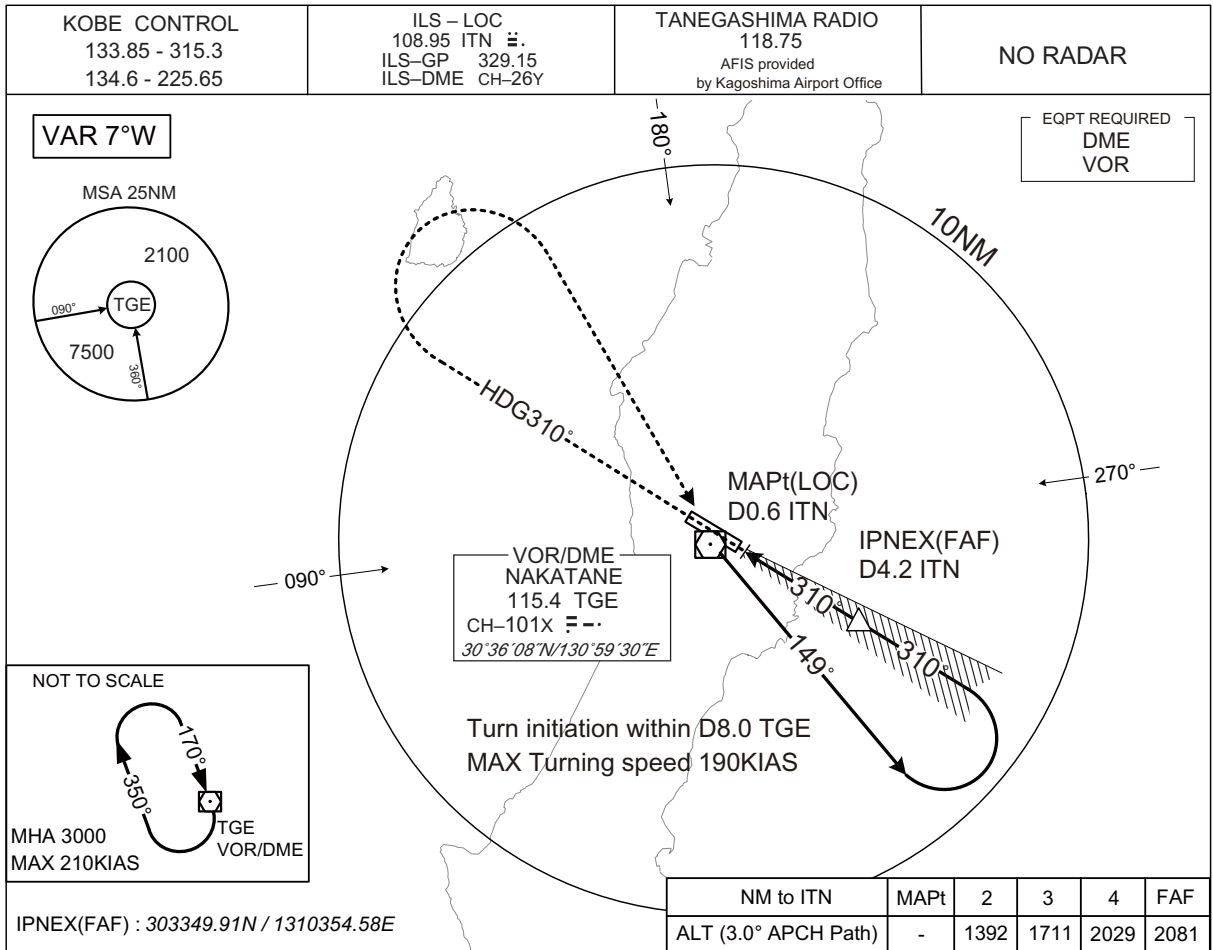


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INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

ILS Z or LOC RWY31



RJFG / TANEGASHIMA

ILS Y RWY31

VAR 7°W

MSA 25NM

7500
ARP

ARP : 303618N / 1305930E

RNAV HLDG
NOT TO SCALE

1MIN
MHA 3000
MAX 210KIAS

NAKATANE (TGE)

RNAV HLDG
NOT TO SCALE

1MIN
MHA 4000
MAX 230KIAS

TEPPO (IAF)

10NM

180°

3000

310°

NAKATANE (TGE) (MAHF)

IPNEX (FAF) D4.2 ITN

FG 153 D5.7 ITN

IPNEX(FAF) : 303349.91N/1310354.58E

5.8

270°

FG152(IF) MAX 200KIAS

10.2

178°

EQPT REQUIRED—
DME

RNP1
RF required.

RNAV HLDG
NOT TO SCALE

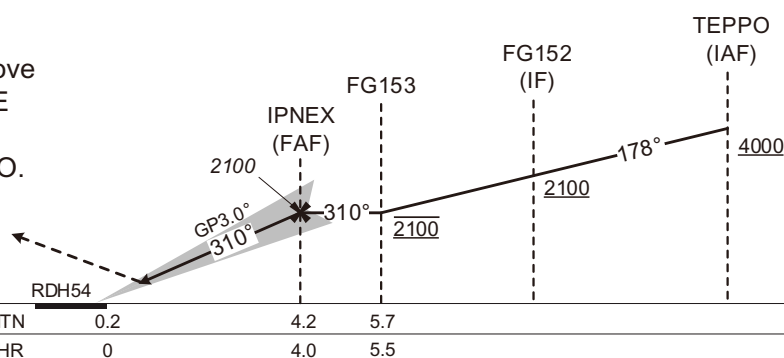
1MIN

175°

355°

TEPPO

Climb on course 310°, at or above
3000FT turn right, direct to TGE
and hold at 3000FT.
Contact TANEGASHIMA RADIO.



Missed APCH climb gradient MNM 4.0%

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

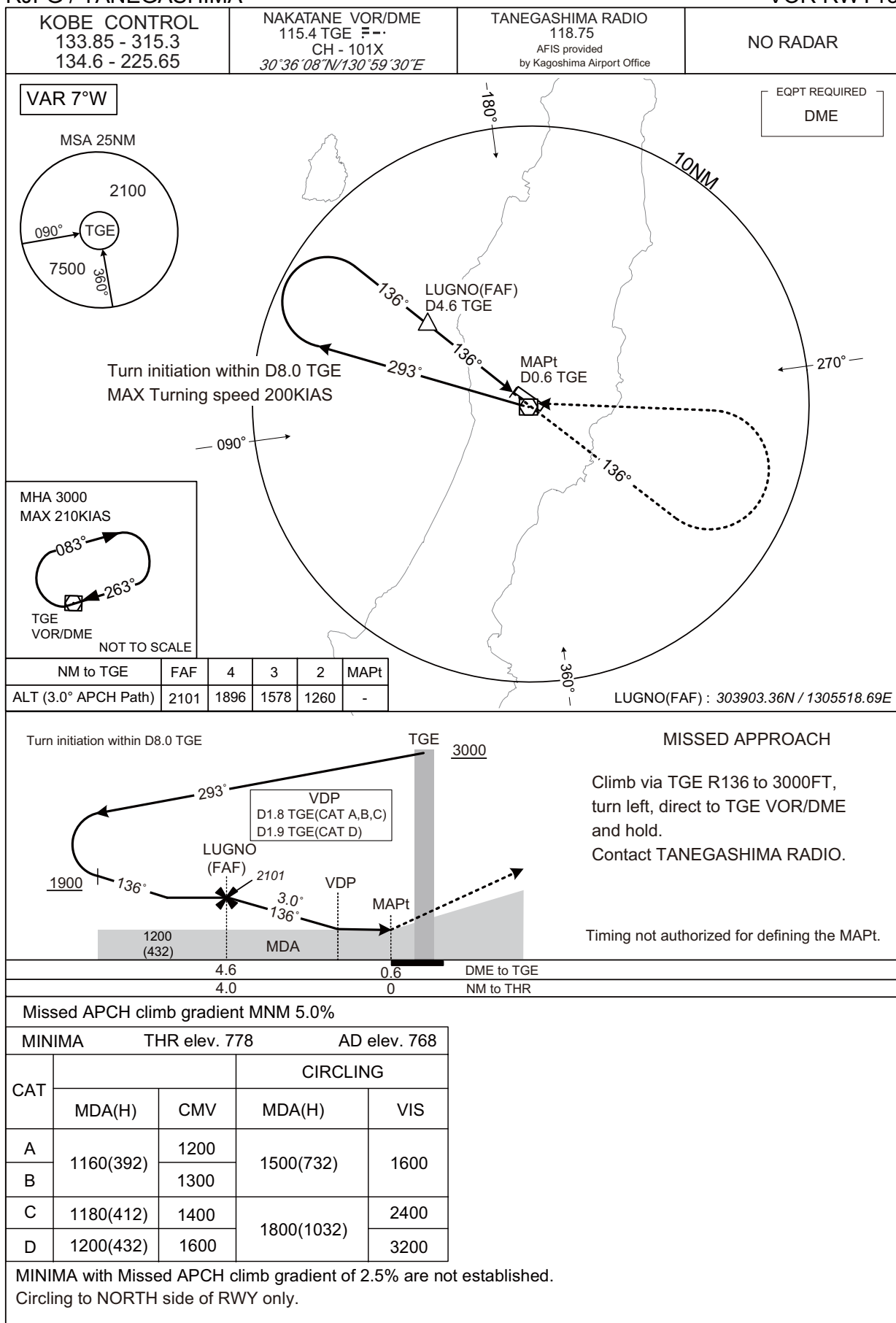
MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to NORTH side of RWY only.

CHANGE : Navigation Specification(Basic RNP1 \rightarrow RNP1).

INSTRUMENT APPROACH CHART

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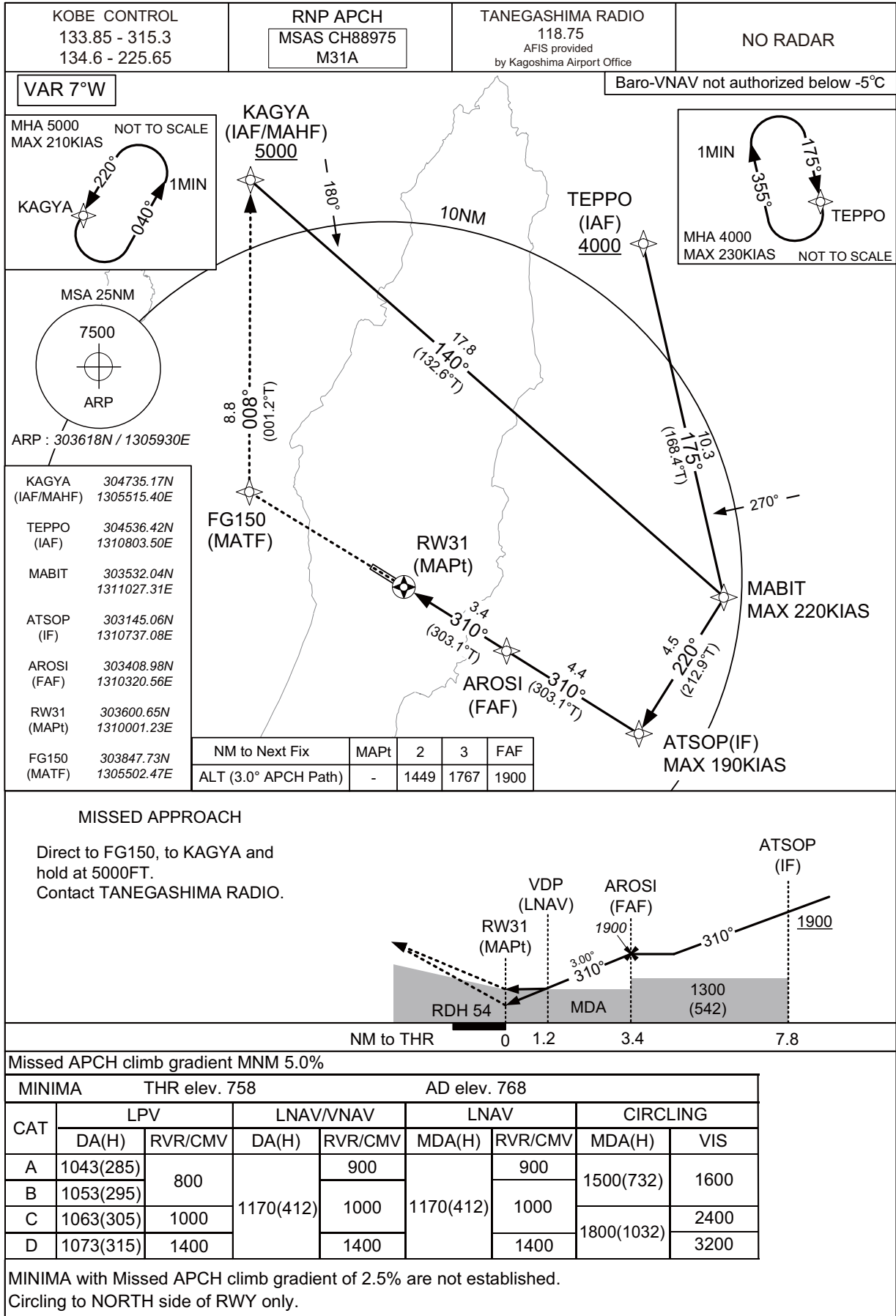
VOR RWY13



INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

RNP RWY31



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		

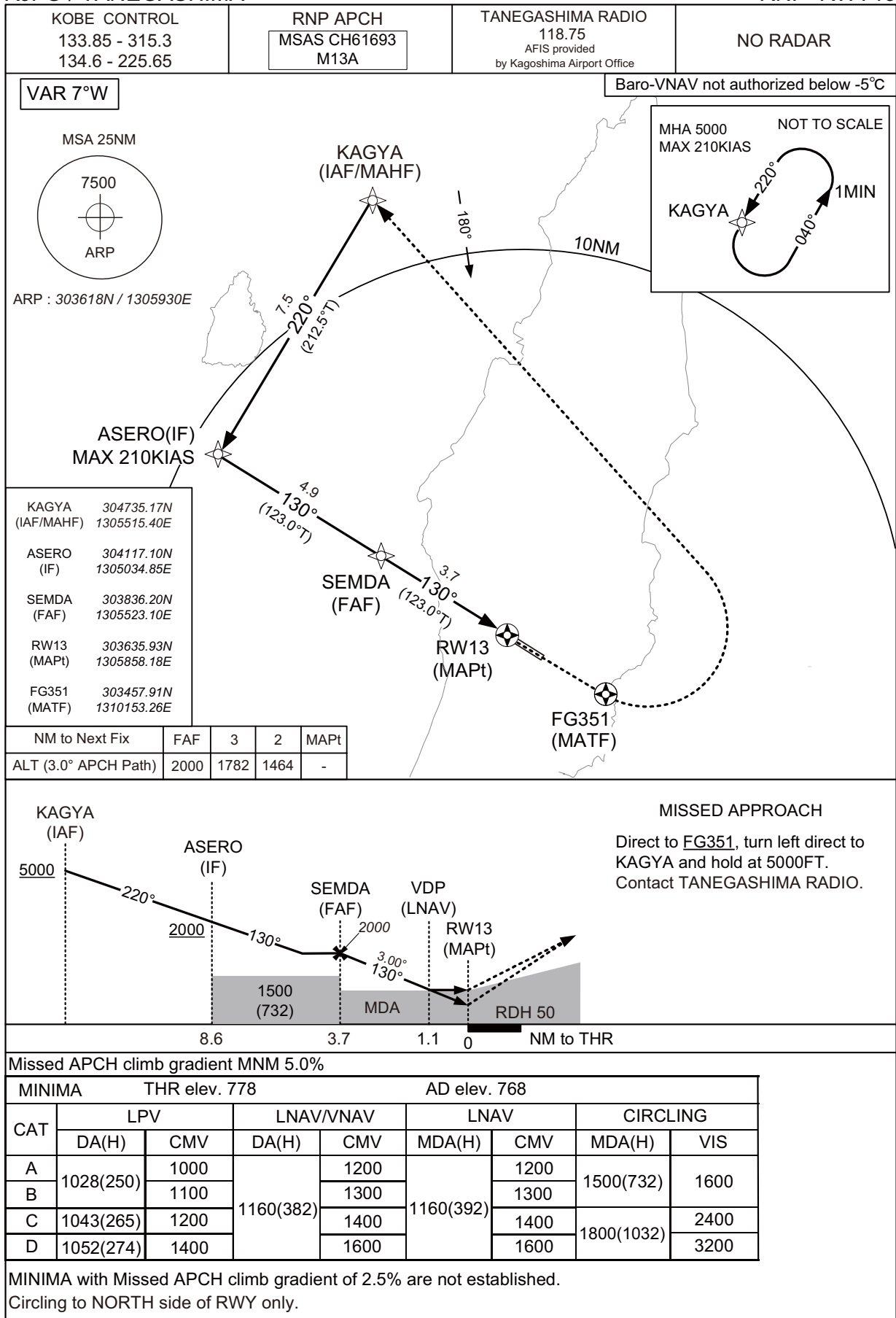
Required additional data

LTP/FTP orthometric height	231.2
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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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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).

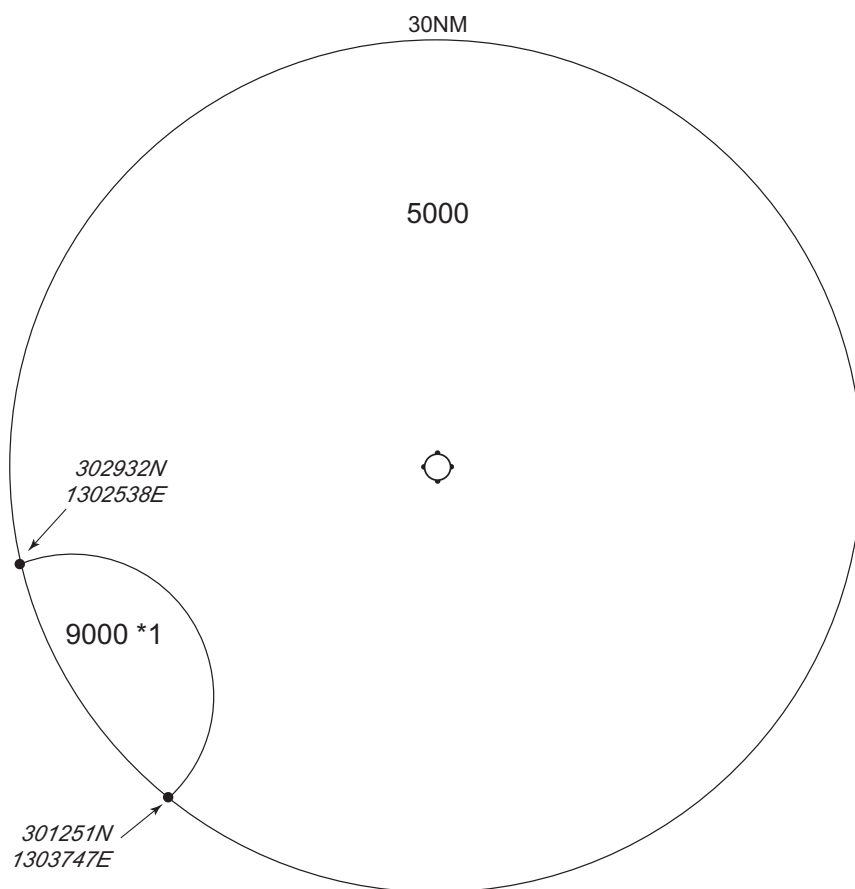
CHANGE : VAR.

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)