

AD CHART

TANEGASHIMA AP

TRUE NORTH

FIRE STATION

TERMINAL BLD

ABN

APRON FLOOD LGT

WDI

WIND SPEED METER

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

RVR

WDI

CELLO METER

327m

323.1m

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	

SALS

APCH LGT BEACONS

270.0m

600.0m

420.0m

300.0m

900.0m

600.0m

SEQUENCED FLASHING LGT (SFL-V)

ALS

RWY 13
237.00m
(778ft)

RWY 31
231.00m
(758ft)

LONGITUDINAL PROFILE OF RWY

0.3%

2000m

0m

INTENTIONALLY LEFT BLANK

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.

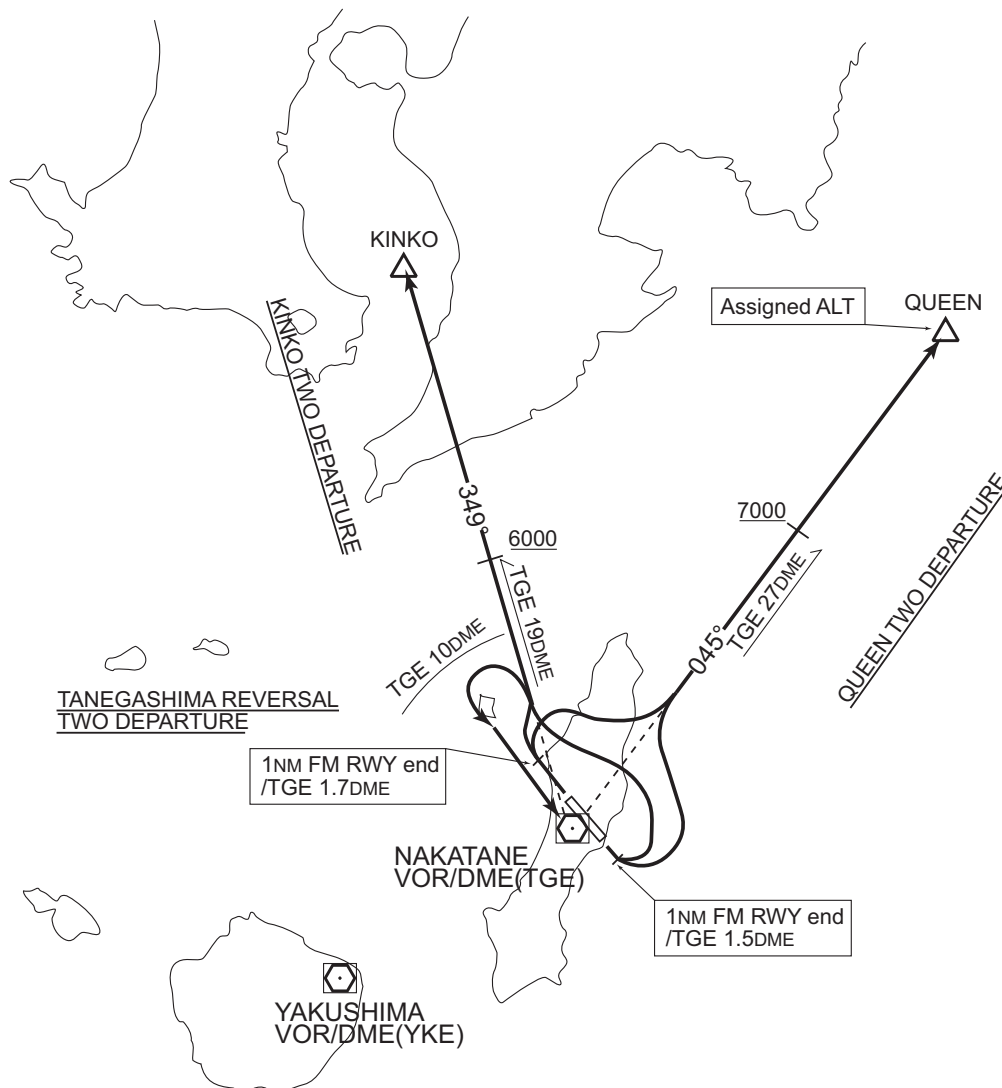
TANEGASHIMA REVERSAL TWO DEPARTURE

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



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.



INTENTIONALLY LEFT BLANK

INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

VOR/DME/ILS RWY31



CHANGE : Secondary FREQ abolished(TANEGASHIMA RADIO).

RJFG / TANEGASHIMA

KOBE CONTROL
133.85 - 315.3
127.15 - 251.0

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



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 RADIO.

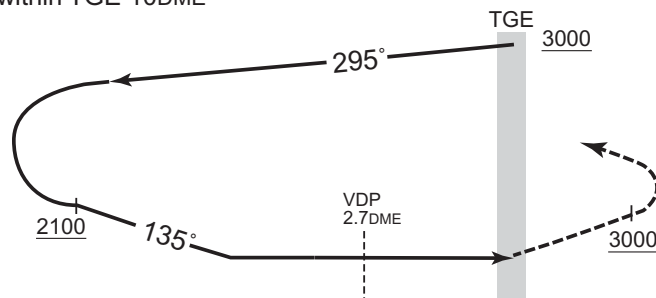
The schematic shows a cross-section of the experimental setup. A vertical grey bar labeled "TGE" is positioned at the left. A horizontal dashed line represents the "VDP" (Virtual Dipole Plane) at a distance of "1.9 DEME" from the TGE. The bottom boundary is a solid black line representing the electrode, with a width of "1.4 nm". Ion trajectories are shown as curved arrows. Solid arrows represent positive ions moving from the TGE towards the right, with angles of "141°" and "301°" indicated relative to the horizontal. Dashed arrows represent negative ions moving from the right towards the TGE, also with angles of "141°" and "301°" indicated. Numerical values "3000" and "2000" are placed near the top and bottom boundaries respectively.

MINIMA		THR elev. 758		AD elev. 768	
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				1600	1800 (1032)
D		1320 (552)	3200		

RJFG / TANEGASHIMA

VOR/DME RWY13

CHANGE : Secondary FREQ abolished(TANEGASHIMA RADIO).



MISSED APPROACH
At TGE VOR/DME, climb to 3,000ft,
via TGE R-135, then turn left within
TGE 10DME proceed to TGE
VOR/DME and hold.
Contact TANEGASHIMA RADIO.

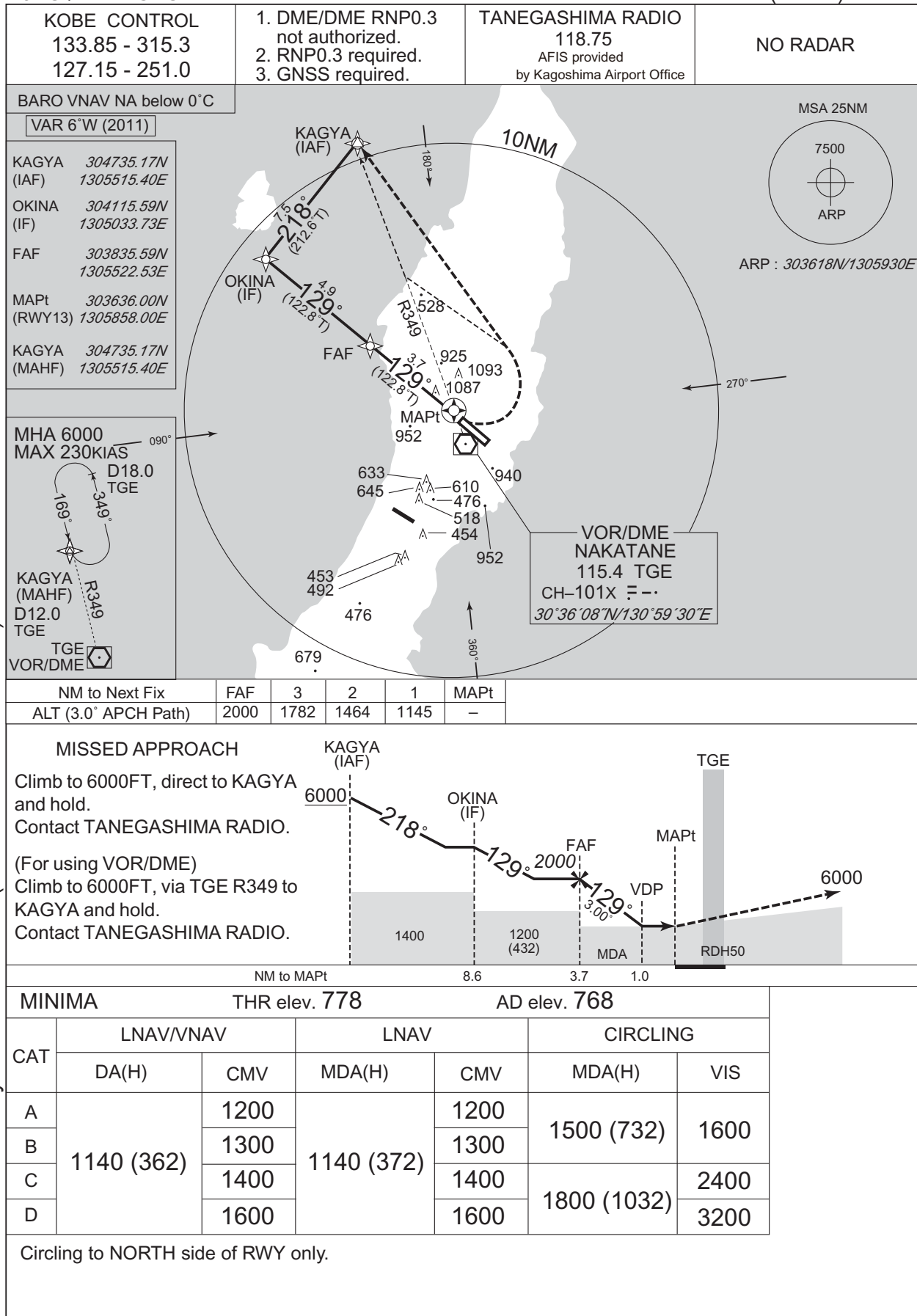
MINIMA		THR elev. 778	AD elev. 768	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	1400 (632)	1400	1500 (732)	1600
B		1500		
C		1600	1800 (1032)	2400
D		1800		3200

Circling to NORTH side of RWY only.

INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

RNAV(GNSS) RWY13



CHANGE : Secondary FREQ abolished(TANEGASHIMA RADIO).

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)