

## AD 2 AERODROMES

## RJKI AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RJKI - KIKAI

## RJKI AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	281917N/1295541E 063° / 0.6km FM RWY 07 THR
2	Direction and distance from (city)	23nm E from NAZE city
3	Elevation/ Reference temperature	15.26ft / 32°C(2004-2008)
4	Geoid undulation at AD ELEV PSN	Nil
5	MAG VAR/ Annual change	6°W(2021)/5°W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	KAGOSHIMA Pref. Public AP. 201-9, Nakasato, Kikai-cho, Oshima-gun, Kagoshima Pref. 891-6203 JAPAN. Tel:0997-65-4318 Fax:0997-65-4323
7	Types of traffic permitted (IFR/ VFR)	IFR/VFR
8	Remarks	Nil

## RJKI AD 2.3 OPERATIONAL HOURS

1	AD Administration	2330 - 0930(APR -SEP) 2330 - 0830(OCT -MAR)
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(APR - SEP) 2330 - 0830(OCT - MAR) Remarks:AFIS provided by Kagoshima Airport Office.
8	Fuelling	Nil
9	Handling	2330 - 0930(APR - SEP) 2330 - 0830(OCT - MAR)
10	Security	2330 - 0930(APR - SEP) 2330 - 0830(OCT - MAR)
11	De-icing	Nil
12	Remarks	Nil

**RJKI AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	Nil
2	Fuel/ oil types	Nil
3	Fuelling facilities/ capacity	Nil
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

**RJKI AD 2.5 PASSENGER FACILITIES**

1	Hotels	Hotels in the city.
2	Restaurants	Available, not continuous
3	Transportation	Buses, taxis
4	Medical facilities	Hospitals in the city.
5	Bank and Post Office	Bank in the city. Post office in the city.
6	Tourist Office	Nil
7	Remarks	Nil

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

1	AD category for fire fighting	CAT 4
2	Rescue equipment	Chemical fire fighting truck x 1
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

**RJKI AD 2.7 SEASONAL AVAILABILITY-CLEARING**

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

**RJKI AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

1	Apron surface and strength	Surface : Asphalt-concrete, Strength :Nil
2	Taxiway width, surface and strength	Width : 18m, Surface : Asphalt-concrete, Strength :Nil
3	ACL and elevation	Not available
4	VOR checkpoints	Nil
5	INS checkpoints	Nil
6	Remarks	Nil

**RJKI 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	RWY07/25: (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe (LGT) Nil TWY: (Marking) TWY CL, RWY HLDG PSN, TWY side stripe (LGT) Nil
3	Stop bars	Nil
4	Remarks	Nil

**RJKI AD 2.10 AERODROME OBSTACLES**

In Area2 See Obstacle data

In Area3 To be developed

## RJKI 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>1</sub></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

## RJKI 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
07	63.17°	1200x30	PCN 12/F/A/Y/T Asphalt	Nil	THR ELEV : 21ft
25	243.17°	1200x30	PCN 12/F/A/Y/T Asphalt	Nil	THR ELEV : 18ft
Slope of RWY	Strip Dimensions (M)	RESA (Overrun) Dimensions(M)	Remarks		
7	10	11	14		
See AD2.24 AD chart	1320x100 1320x100	10 x 100 9 x 100	RWY Grooving : 1200mx20m		

**RJKI AD 2.13 DECLARED DISTANCES**

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
07	1200	1200	1200	1200	Nil
25	1200	1200	1200	1200	Nil

**RJKI 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
07	Nil	Nil	PAPI 3.0°/Left 270m 45ft	Nil	Nil	Nil	Nil	Nil
25	Nil	Nil	PAPI 3.0°/Left 282m 45ft	Nil	Nil	Nil	Nil	Nil
Remarks								
10								
RWY THR ID LGT for RWY 07/25 THR(Color : White)								

**RJKI AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

1	ABN/IBN location, characteristics and hours of operation	Nil
2	LDI location and LGT Anemometer location and LGT	LDI : Nil Anemometer : In the center of RWY, LGTD
3	TWY edge and center line lighting	Nil
4	Secondary power supply/ switch-over time	Within 15 sec : PAPI, RWY THR ID LGT
5	Remarks	WDI : AVBL

**RJKI AD 2.16 HELICOPTER LANDING AREA**

Nil
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**RJKI 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
Kikai Information Zone	Area within a radius of 5nm(9km) of Kikai ARP	3,000 or below	E	KIKAI RADIO En	
Naha ACA	See ROAH attached chart		E	NAHA APP En	

**RJKI AD 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	NAHA APPROACH	124.95MHz 280.1MHz	2330 - 0930 (1APR - 30SEP) 2330 - 0830 (1OCT - 31MAR)	
AFIS	KIKAI RADIO	118.0MHz	2330 - 0930 (1APR - 30SEP) 2330 - 0830 (1OCT - 31MAR)	Operated by Kagoshima Airport Office.

**RJKI AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

Type of aid	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
Nil						

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**RJKI AD 2.20 LOCAL TRAFFIC REGULATIONS**

1. Airport regulations

Nil

2. Taxiing to and from stands

Nil

3. Parking area for small aircraft(General aviation)

Nil

4. Parking area for helicopters

Nil

5. Apron - taxiing during winter conditions

Nil

6. Taxiing - limitations

Nil

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

Nil

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

**RJKI AD 2.21 NOISE ABATEMENT PROCEDURES**

Nil

**RJKI AD 2.22 FLIGHT PROCEDURES**

**1.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	07	A, B, C	-	-	-	400	-	500
	25							
OTHER	07	A, B, C	AVBL LDG MINIMA					
	25							

**2.Lost communication procedures for arrival aircraft under radar navigational guidance**

If radio communications with Naha Approach are lost for one minute, squawk Mode A/3 Code 7600 and;

- 1) Contact Kikai Radio.
- 2) If unable, proceed in accordance with Visual Flight Rules.
- 3) If unable, proceed to Kasari VOR at the last assigned altitude, or 3,000 feet whichever is higher, and execute instrument approach.

NOTE: Procedures other than above will be issued when situation requires.

**RJKI AD 2.23 ADDITIONAL INFORMATION**

Nil

**RJKI AD 2.24 CHARTS RELATED TO AN AERODROME**

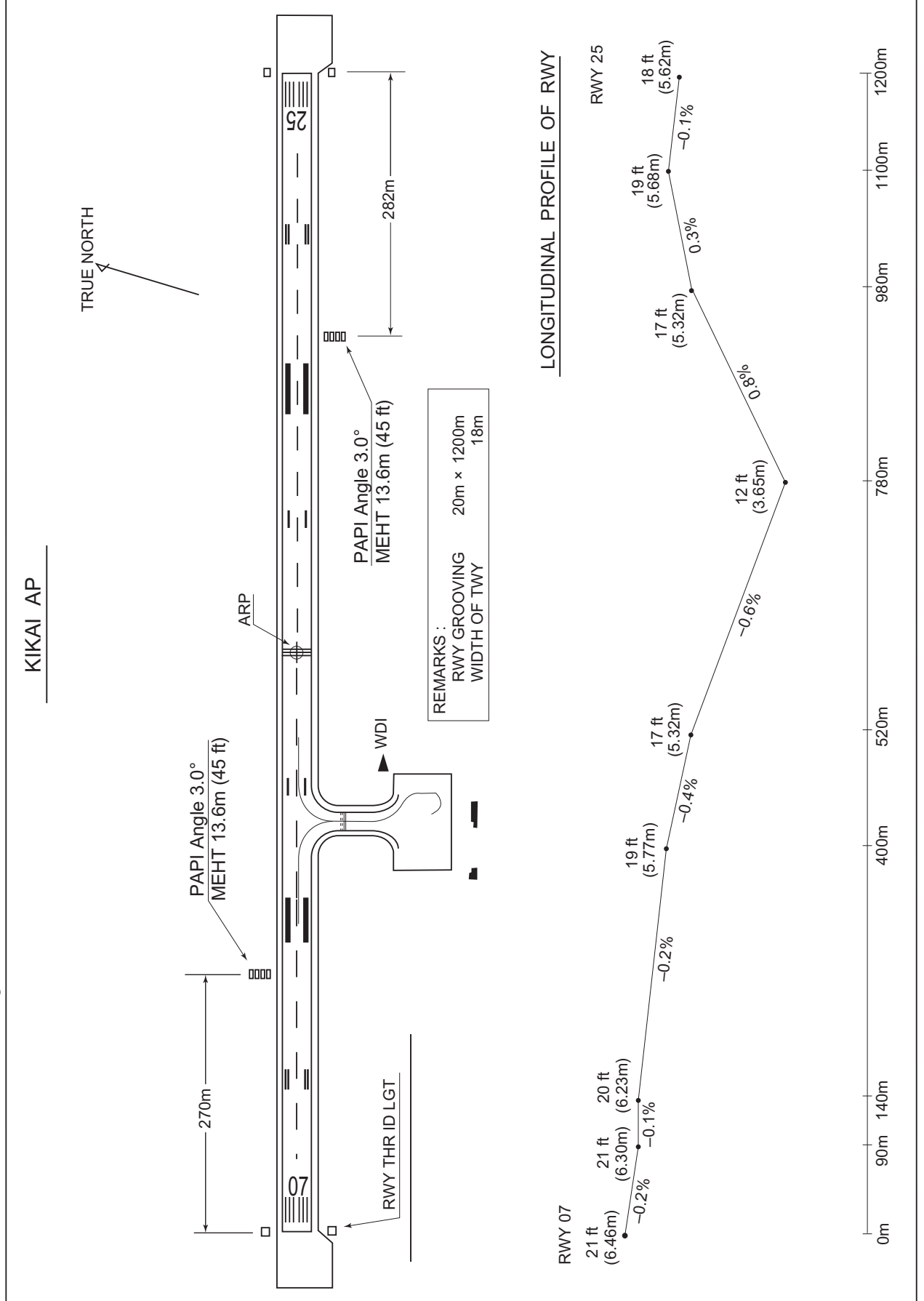
- Aerodrome/Heliport Chart
- Standard Departure Chart - Instrument (KASARI)
- Standard Departure Chart - Instrument (POMAS-RNAV)
- Standard Departure Chart - Instrument (BOROS-RNAV)
- Standard Departure Chart - Instrument (IKYUN-RNAV)
- Instrument Approach Chart (VOR A)
- Instrument Approach Chart (RNP RWY07)
- Instrument Approach Chart (RNP Z RWY25)
- Instrument Approach Chart (RNP Y RWY25 (LPV only))
- Other Chart (Visual REP)
- Other Chart (MVA CHART)



RJKI / KIKAI

AD CHART

CHANGE : Overrun area marking erased.



STANDARD DEPARTURE CHART -INSTRUMENT

RJKI / KIKAI

SID

KASARI TWO DEPARTURE

RWY07 : Turn left,...

RWY25 : Turn right,...

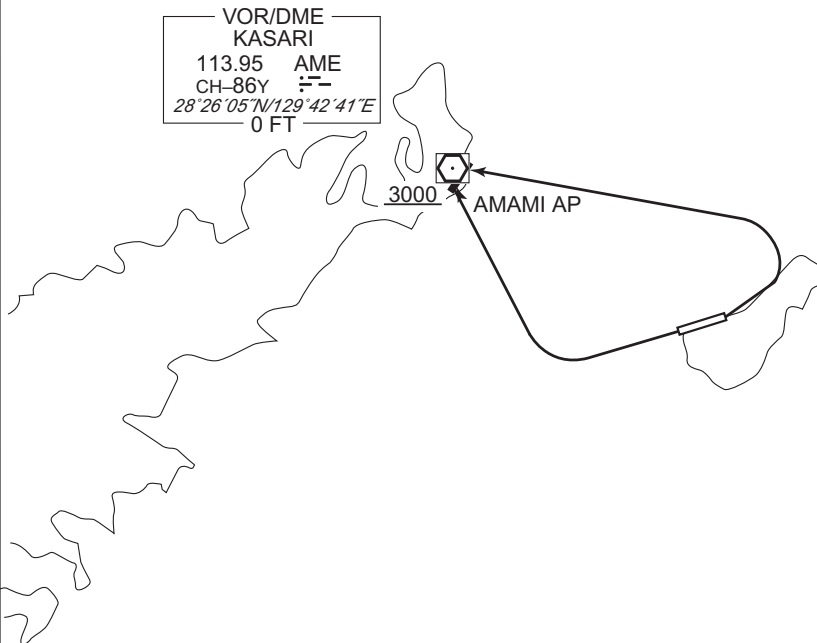
...direct to AME VOR/DME.

Cross AME VOR/DME at or above 3000FT.

Note RWY07 : 5.0% climb gradient required up to 700FT.

OBST ALT 558FT located at 2.4NM 088° FM end of RWY07.

CHANGE : Description of PROC name.



STANDARD DEPARTURE CHART -INSTRUMENT

RJKI / KIKAI

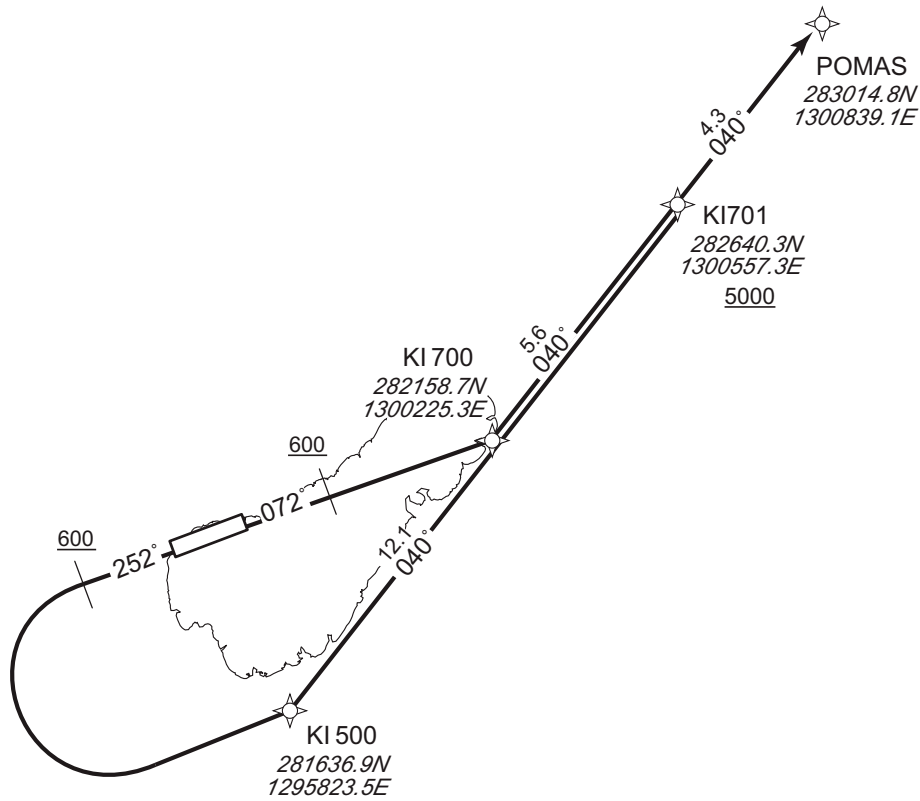
RNAV SID

POMAS TWO DEPARTURE

RNP1

Note GNSS required.

VAR 6°W



CHANGE : Description of PROC name and VAR.

- RWY07 : Climb on HDG072° at or above 600FT,  
direct to KI700, to KI701 at or above 5000FT, to POMAS.
- RWY25 : Climb on HDG252° at or above 600FT,  
turn left direct to KI500, to KI701 at or above 5000FT, to POMAS.
- Note RWY07 : 5.0% climb gradient required up to 600FT.  
OBST ALT 558FT located at 2.4NM 089° FM end of RWY07.
- RWY25 : 5.0% climb gradient required up to 600FT.  
OBST ALT 844FT located at 3.1NM 095° FM end of RWY25.

STANDARD DEPARTURE CHART -INSTRUMENT

RJKI / KIKAI

RNAV SID

POMAS TWO DEPARTURE

RWY07

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	-	-	072 (065.7)	-6.1	-	-	+600	-	-	RNP1
002	DF	KI700	-	-	-6.1	-	-	-	-	-	RNP1
003	TF	KI701	-	040 (033.5)	-6.1	5.6	-	+5000	-	-	RNP1
004	TF	POMAS	-	040 (033.5)	-6.1	4.3	-	-	-	-	RNP1

RWY25

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	-	-	252 (245.7)	-6.1	-	-	+600	-	-	RNP1
002	DF	KI500	-	-	-6.1	-	L	-	-	-	RNP1
003	TF	KI701	-	040 (033.5)	-6.1	12.1	-	+5000	-	-	RNP1
004	TF	POMAS	-	040 (033.5)	-6.1	4.3	-	-	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART -INSTRUMENT

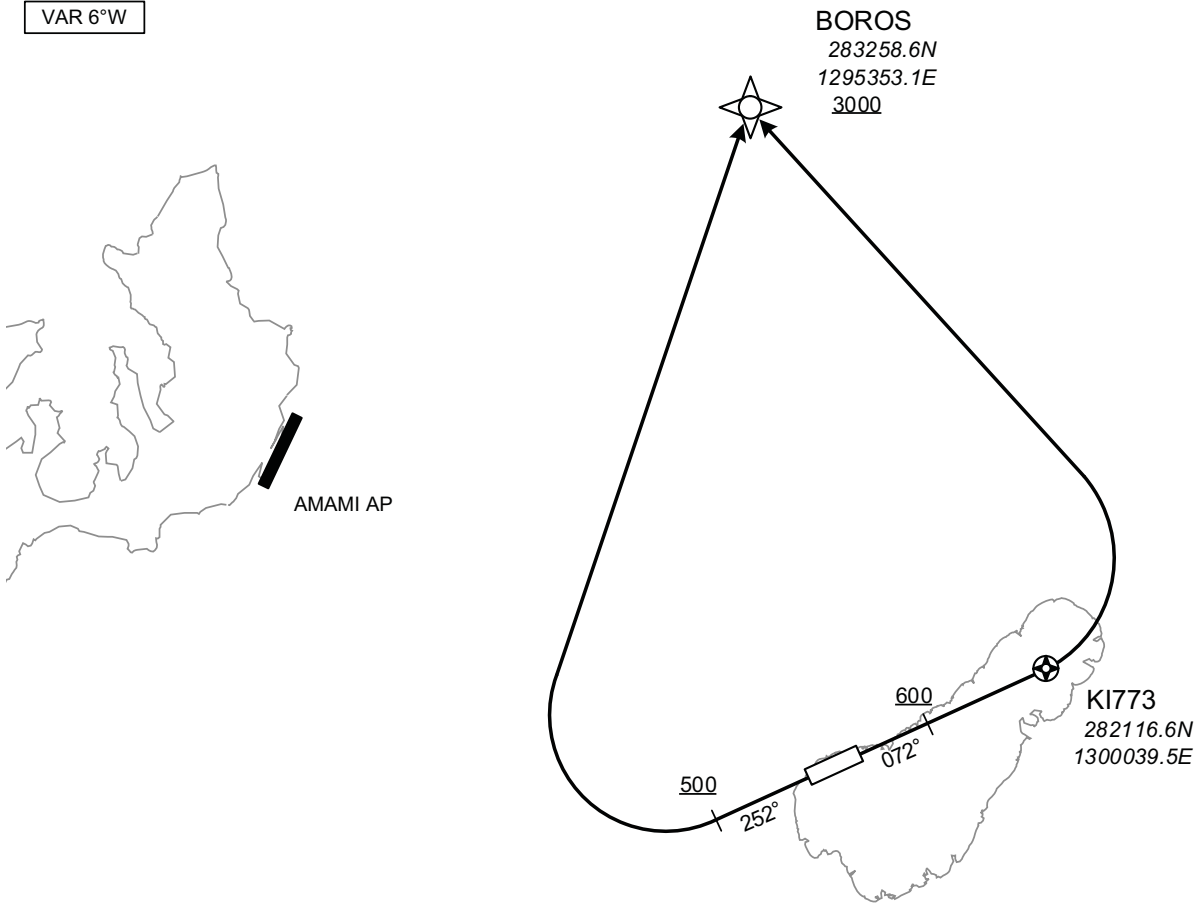
RJKI / KIKAI

RNAV SID

BOROS ONE DEPARTURE

RNP1

Note GNSS required.



CHANGE : Description of PROC name and VAR.

RWY07 : Climb on HDG072° at or above 600FT, direct to KI773, turn left direct to BOROS at or above 3000FT.

RWY25 : Climb on HDG252° at or above 500FT, turn right direct to BOROS at or above 3000FT.

NOTE RWY07 : 5.0% climb gradient required up to 600FT.  
OBST ALT 558FT located at 2.4NM 089° FM end of RWY07.

STANDARD DEPARTURE CHART -INSTRUMENT

RJKI / KIKAI

RNAV SID

BOROS ONE DEPARTURE

RWY07

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	-	-	072 (065.7)	-6.1	-	-	+600	-	-	RNP1
002	DF	KI773	Y	-	-6.1	-	-	-	-	-	RNP1
003	DF	BOROS	-	-	-6.1	-	L	+3000	-	-	RNP1

RWY25

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	-	-	252 (245.7)	-6.1	-	-	+500	-	-	RNP1
002	DF	BOROS	-	-	-6.1	-	R	+3000	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART -INSTRUMENT

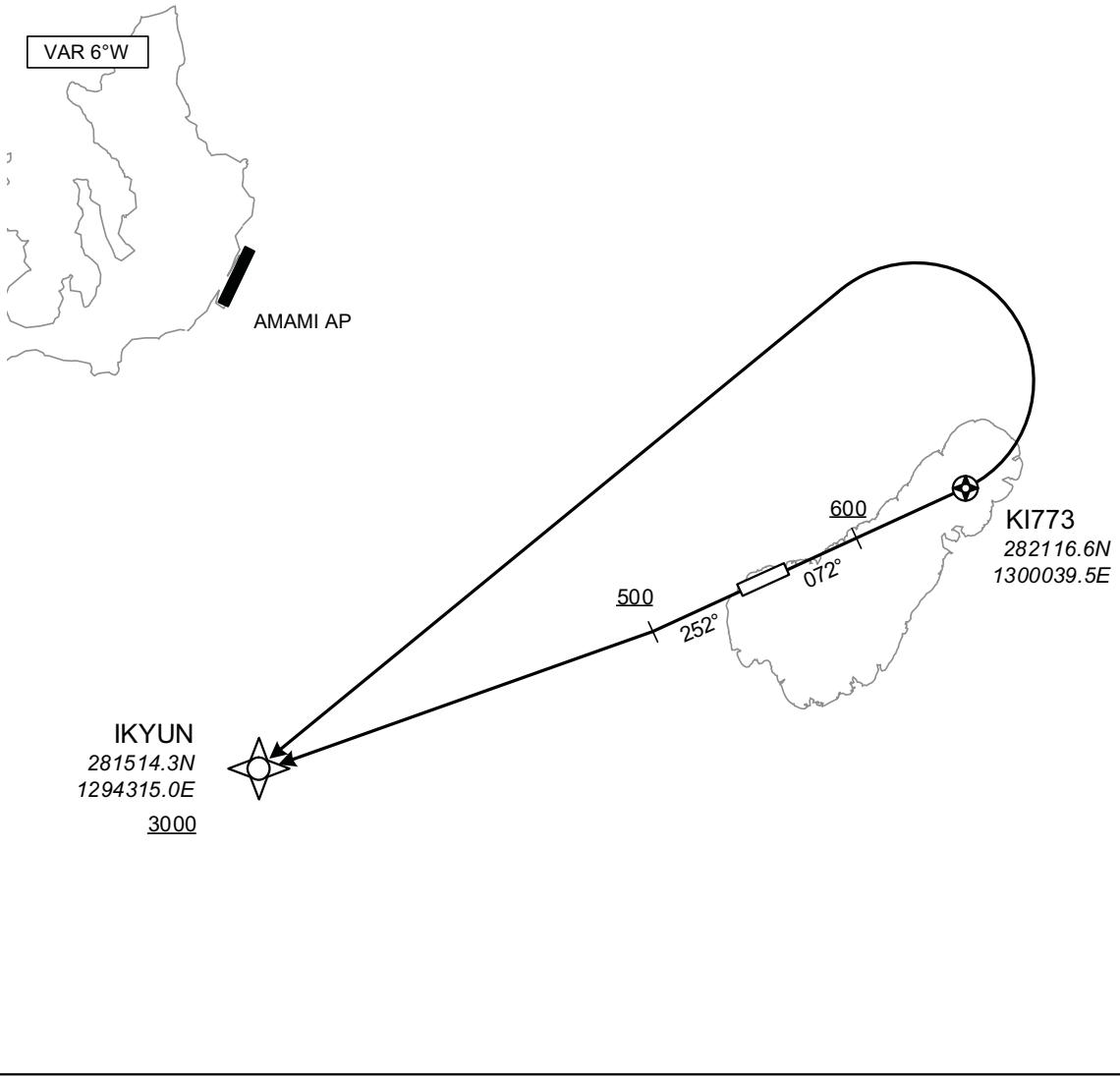
RJKI / KIKAI

RNAV SID

IKYUN ONE DEPARTURE

RNP1

Note GNSS required.



CHANGE : Description of PROC name and VAR.

RWY07 : Climb on HDG072° at or above 600FT, direct to KI773, turn left direct to IKYUN at or above 3000FT.

RWY25 : Climb on HDG252° at or above 500FT, direct to IKYUN at or above 3000FT.

NOTE RWY07 : 5.0% climb gradient required up to 600FT.  
OBST ALT 558FT located at 2.4NM 089° FM end of RWY07.

STANDARD DEPARTURE CHART -INSTRUMENT

RJKI / KIKAI

RNAV SID

IKYUN ONE DEPARTURE

RWY07

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	-	-	072 (065.7)	-6.1	-	-	+600	-	-	RNP1
002	DF	KI773	Y	-	-6.1	-	-	-	-	-	RNP1
003	DF	IKYUN	-	-	-6.1	-	L	+3000	-	-	RNP1

RWY25

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	-	-	252 (245.7)	-6.1	-	-	+500	-	-	RNP1
002	DF	IKYUN	-	-	-6.1	-	-	+3000	-	-	RNP1

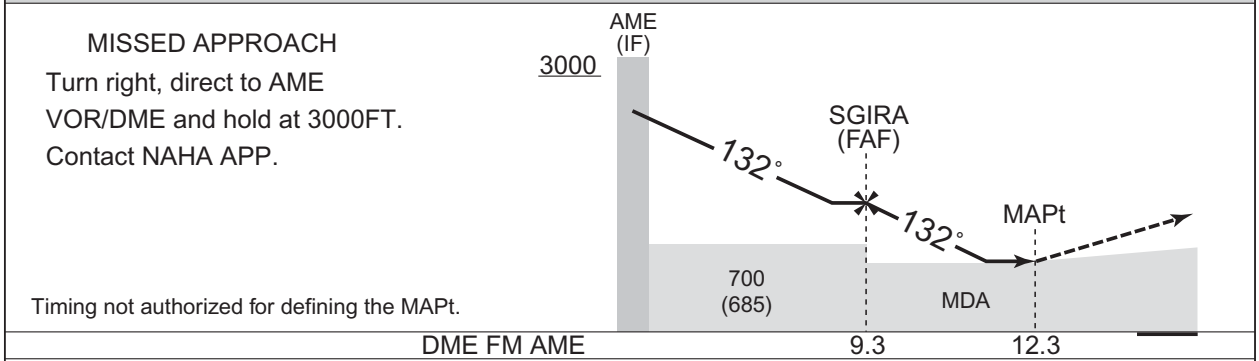
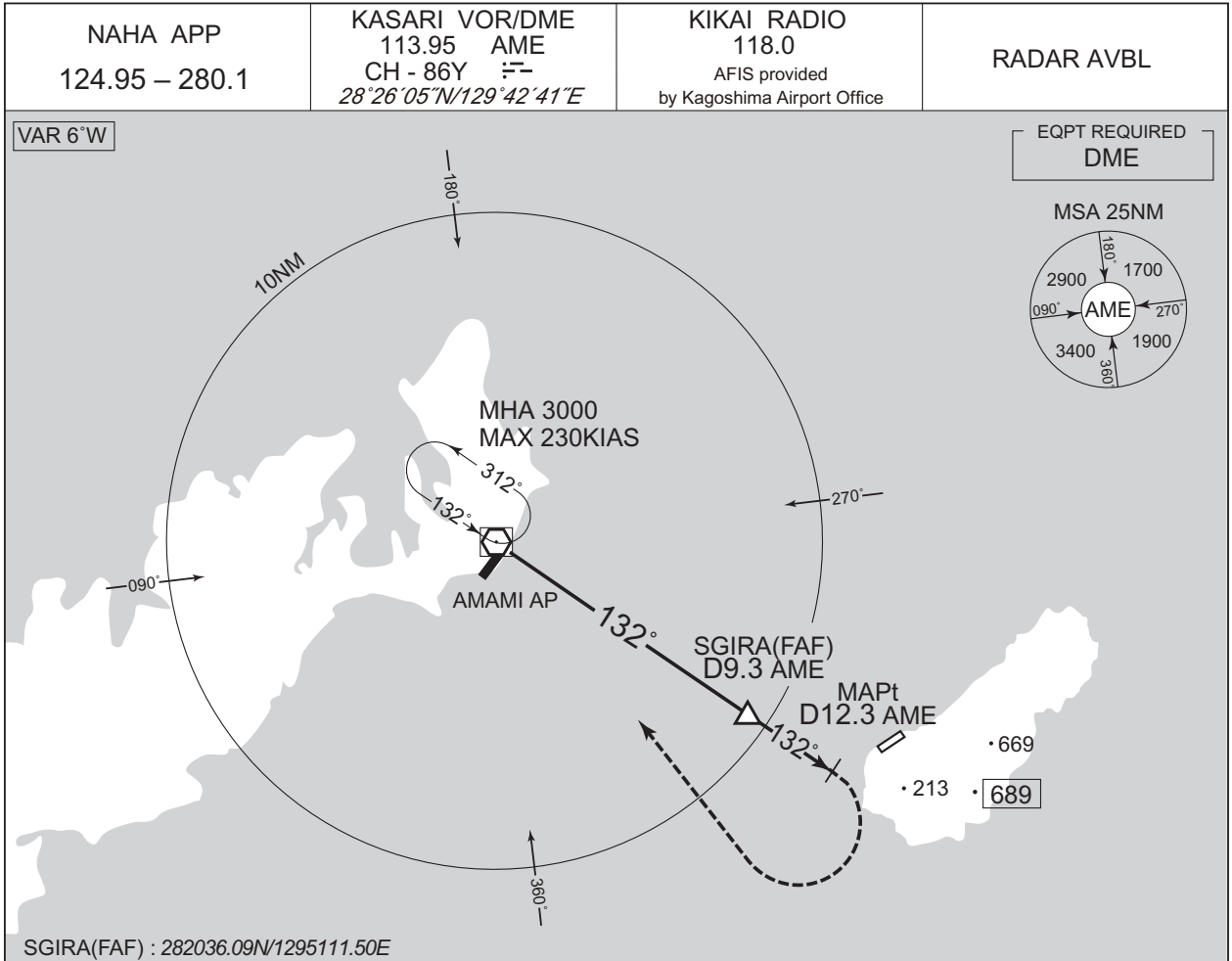
CHANGE : Navigation Specification(Basic RNP1 → RNP1).



INSTRUMENT APPROACH CHART

RJKI / KIKAI

VOR A



Missed APCH climb gradient MNM 3.0%

<b>MINIMA</b>		AD elev. 15
CAT	CIRCLING	
	MDA(H)	VIS
A	460 (445)	1600
B	500 (485)	
C	660 (645)	2400
D	-	-

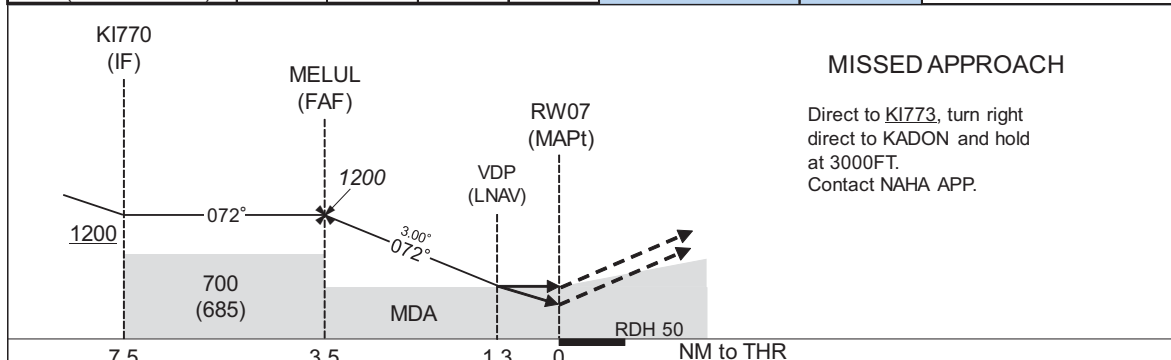
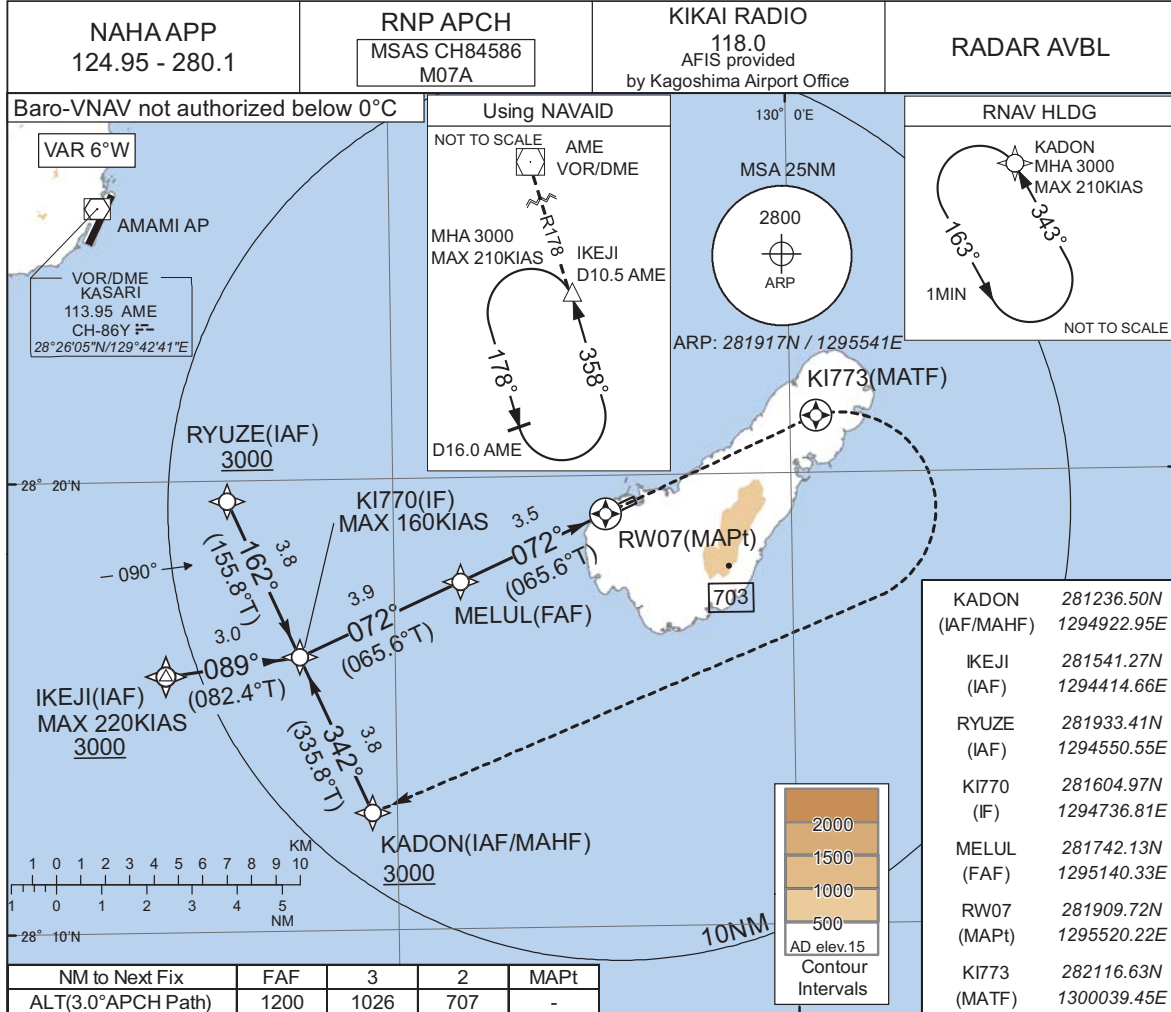
CHANGE : Description of VAR.

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

INSTRUMENT APPROACH CHART

RJKI / KIKAI

RNP RWY07



Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 21 AD elev. 15

CAT	LPV		LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	296(275)	1500	348(327)	1500	450(435)	1500	460(445)	1600
B	306(285)						500(485)	
C	315(294)	1600	-	1800	-	1800	660(645)	2400
D	-	-	-	-	-	-	-	-

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

CHANGE : MELUL, RW07 established. ARATI, KI772 abolished. MSAS CH added. MNM temperature for Baro-VNAV. MAX speed at KI770. ALT(3.0°APCH Path). Missed APCH climb gradient MNM. NM to THR. MINIMA.

INSTRUMENT APPROACH CHART

RJKI / KIKAI

RNP RWY07

**FAS DATA BLOCK**

Operation type	0	LTP/FTP ellipsoidal height	+00334
SBAS service provider identifier	2	FPAP latitude	281932.2905N
Airport identifier	RJKI	FPAP longitude	1295617.0375E
Runway	07	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	M07A	∠ length offset	0496
LTP/FTP latitude	281909.7150N	HAL	40.0
LTP/FTP longitude	1295520.2855E	VAL	50.0
CRC remainder	2634AFC8		

**Required additional data**

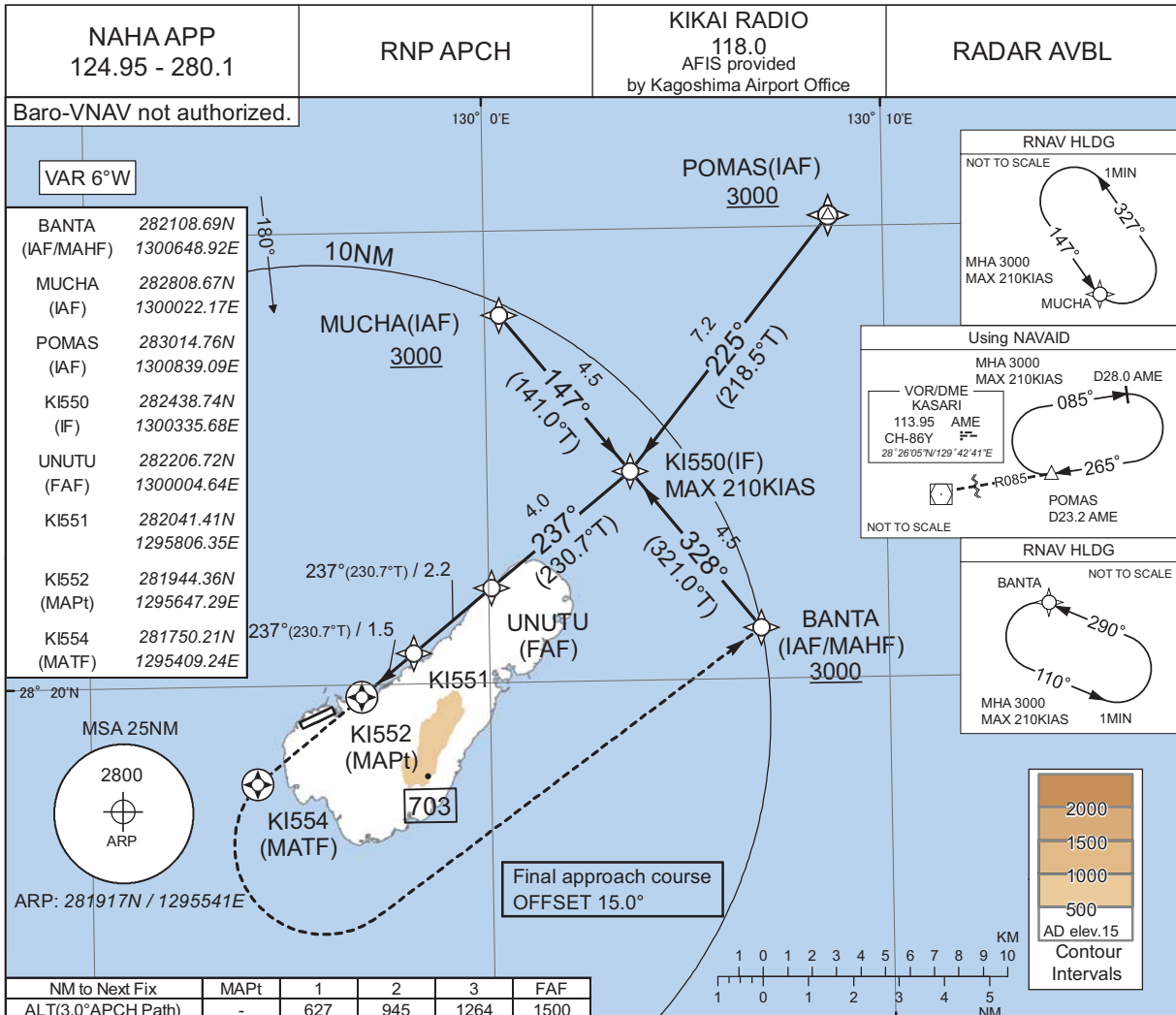
LTP/FTP orthometric height	6.2
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CHANGE : FAS DATA BLOCK, Required additional data established.

INSTRUMENT APPROACH CHART

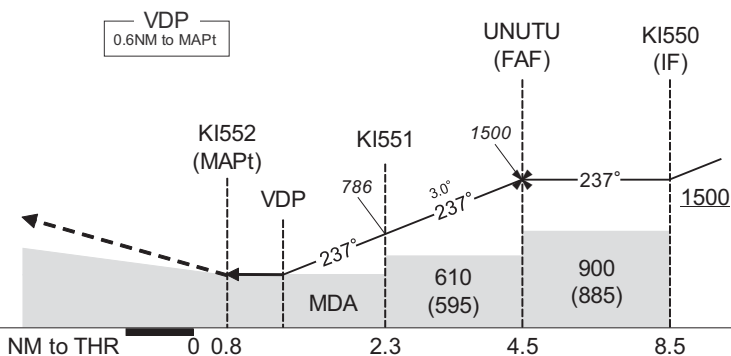
RJKI / KIKAI

RNP Z RWY25



MISSED APPROACH

Direct to KI554, turn left  
direct to BANTA and hold  
at 3000FT.  
Contact NAHA APP.



MINIMA		THR elev. 18	AD elev. 15			
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	-		470(455)	1500	470(455)	1600
B	Not applicable				500(485)	
C	-		-	2000	660(645)	2400
D	-		-	-	-	-

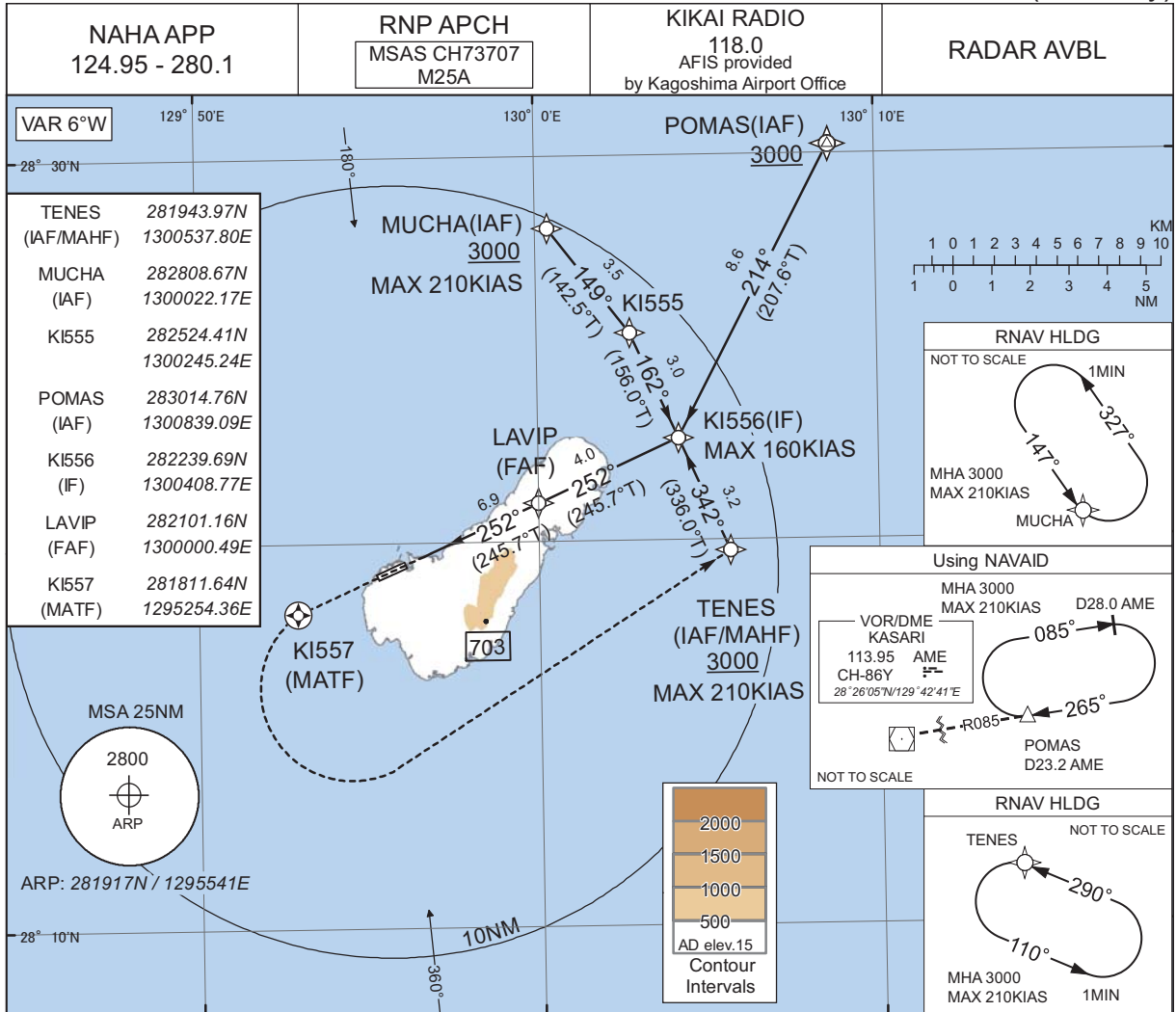
Circling to NORTH side of RWY only.

CHANGE : PROC renamed. Course FM BANTA to KI550. HLDG pattern for using NAV AID at BANTA abolished. ALT restriction at KI550.

INSTRUMENT APPROACH CHART

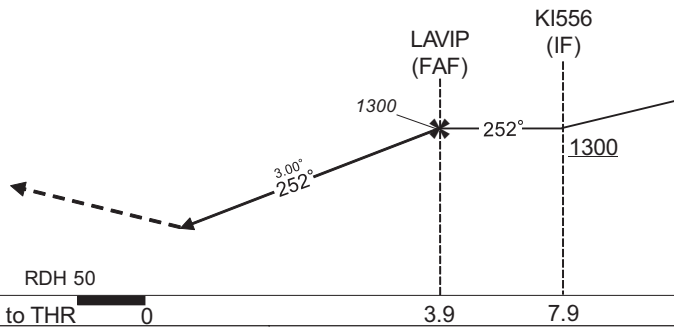
RJKI / KIKAI

RNP Y RWY25(LPV only)



MISSED APPROACH

Direct to **KI557**, turn left  
direct to **TENES** and hold  
at 3000FT.  
Contact NAHA APP.



CHANGE : New PROC.

CAT	THR elev. 18		AD elev. 15	
	DA(H)	CMV	MDA(H)	VIS
A	269(251)	1500	460(445)	1600
B	279(261)		500(485)	
C	289(271)	1600	660(645)	2400
D	-	-	-	-

Circling to NORTH side of RWY only.

INSTRUMENT APPROACH CHART

RJKI / KIKAI

RNP Y RWY25(LPV only)

**FAS DATA BLOCK**

Operation type	0	LTP/FTP ellipsoidal height	+00325
SBAS service provider identifier	2	FPAP latitude	281903.1220N
Airport identifier	RJKI	FPAP longitude	1295503.7170E
Runway	25	Threshold crossing height	00015.0
Approach performance designator	0	TCH units selector	1
Route indicator	Y	Glide path angle	03.00
Reference path data selector	0	Course width at threshold	105.00
Reference path ID	M25A	∠ length offset	0496
LTP/FTP latitude	281925.7000N	HAL	40.0
LTP/FTP longitude	1295600.4670E	VAL	50.0
CRC remainder	06DA9E79		

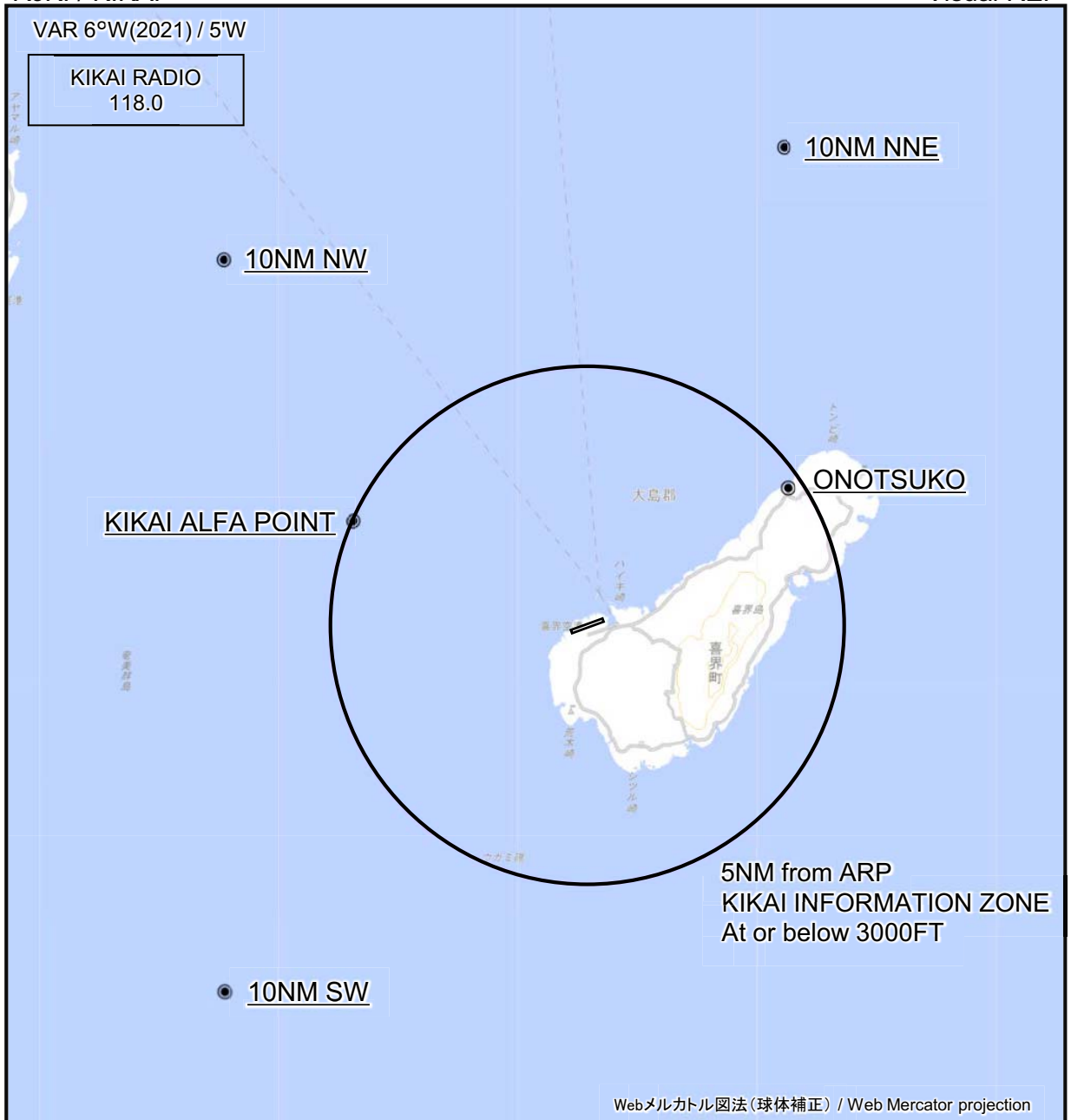
**Required additional data**

LTP/FTP orthometric height	5.3
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CHANGE : New PROC.

RJKI / KIKAI

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
10NM NNE	022°T / 10.0NM	海上 Over the sea
10NM NW	315°T / 10.0NM	海上 Over the sea
小野津港 Onotsuko	056°T / 4.7NM	港 Harbor
喜界ALFA POINT Kikai Alfa Point	294°T / 5.0NM	喜界空港と奄美空港を結ぶ直線上 On the straight line connecting Kikai AP and Amami AP
10NM SW	225°T / 10.0NM	海上 Over the sea

RJKI / KIKAI

Minimum Vectoring Altitude CHART

