

## 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	5°W(2007)/-
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</sub> /T <sub>1</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</sub> (domestic), 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	10 × 100	RWY Grooving : 1200m×20m	
		1320x100	9 × 100		

## 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
-----

## 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	

## RJKI AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
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						

---

## 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							

**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 (RNAV(GNSS) RWY07)  
 Instrument Approach Chart (RNAV(GNSS) RWY25)  
 Other Chart (Visual REP)  
 Other Chart (MVA 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 : NAKATANE FIVE DEPARTURE abolished.

KASARI TWO DEPARTURE



## STANDARD DEPARTURE CHART -INSTRUMENT

RJKI / KIKAI

RNAV SID

## POMAS TWO DEPARTURE

Basic RNP1

Note GNSS required.

VAR 6°W (2020)

POMAS TWO DEPARTURE

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.

CHANGE : VAR. PROC. Note RWY25 added.

## 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	—	—	Basic RNP1
002	DF	KI700	—	—	-6.1	—	—	—	—	—	Basic RNP1
003	TF	KI701	—	040 (033.5)	-6.1	5.6	—	+5000	—	—	Basic RNP1
004	TF	POMAS	—	040 (033.5)	-6.1	4.3	—	—	—	—	Basic 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	—	—	Basic RNP1
002	DF	KI500	—	—	-6.1	—	L	—	—	—	Basic RNP1
003	TF	KI701	—	040 (033.5)	-6.1	12.1	—	+5000	—	—	Basic RNP1
004	TF	POMAS	—	040 (033.5)	-6.1	4.3	—	—	—	—	Basic RNP1

CHANGE : VAR. PROC.

## STANDARD DEPARTURE CHART -INSTRUMENT

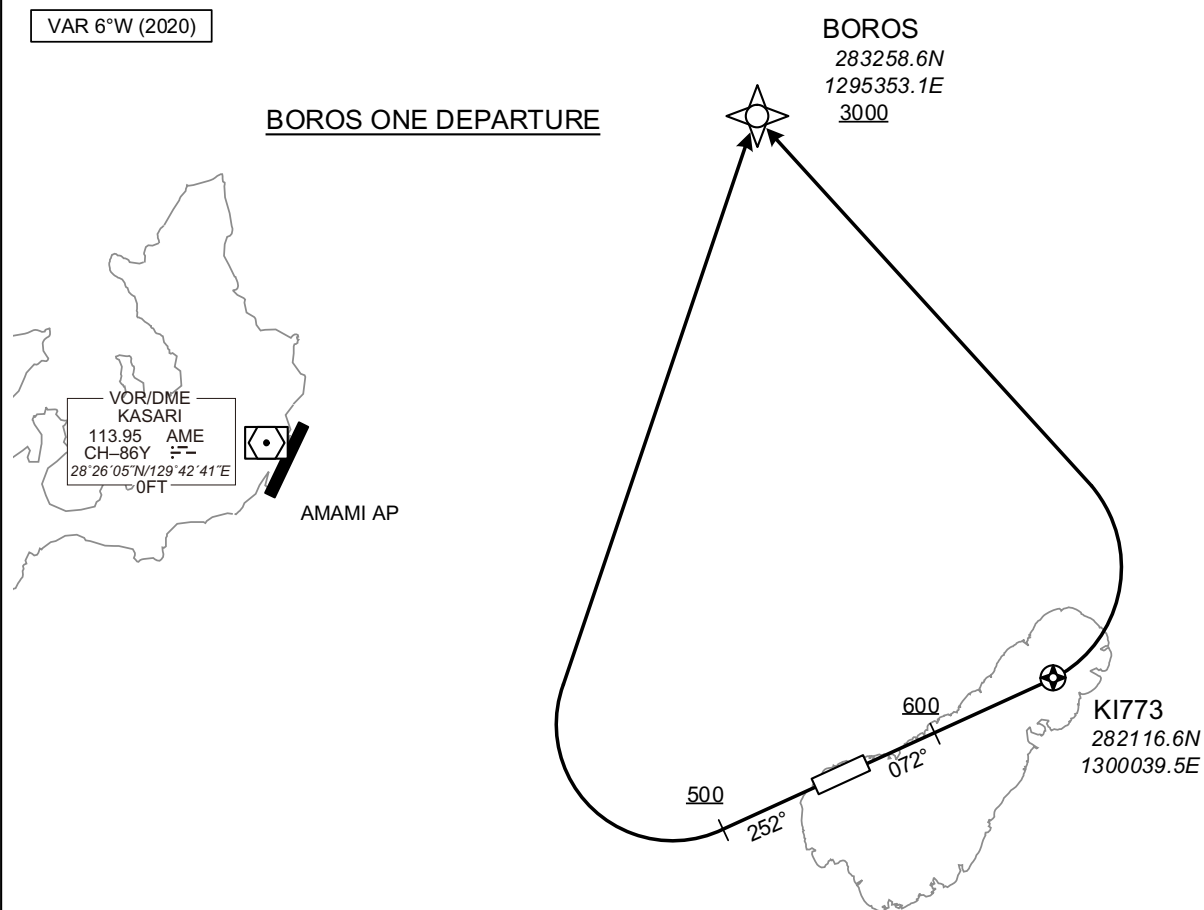
RJKI / KIKAI

RNAV SID

## BOROS ONE DEPARTURE

Basic RNP1

Note GNSS required.

BOROS ONE DEPARTURE

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.

CHANGE : New PROC.

## 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	-	-	Basic RNP1
002	DF	KI773	Y	-	-6.1	-	-	-	-	-	Basic RNP1
003	DF	BOROS	-	-	-6.1	-	L	+3000	-	-	Basic 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	-	-	Basic RNP1
002	DF	BOROS	-	-	-6.1	-	R	+3000	-	-	Basic RNP1

CHANGE : New PROC.

## STANDARD DEPARTURE CHART -INSTRUMENT

RJKI / KIKAI

RNAV SID

## IKYUN ONE DEPARTURE

Basic RNP1

Note GNSS required.

IKYUN ONE DEPARTURE

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.

CHANGE : New PROC.

## 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	-	-	Basic RNP1
002	DF	KI773	Y	-	-6.1	-	-	-	-	-	Basic RNP1
003	DF	IKYUN	-	-	-6.1	-	L	+3000	-	-	Basic 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	-	-	Basic RNP1
002	DF	IKYUN	-	-	-6.1	-	-	+3000	-	-	Basic RNP1

CHANGE : New PROC.

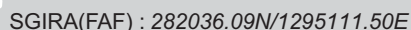


## RJKI / KIKAI

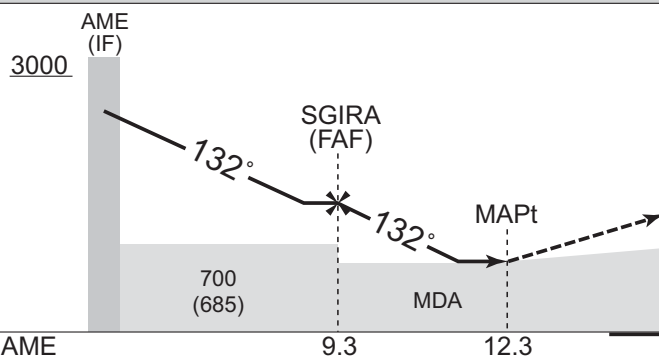
VOR A

VAR 6°W (2016)

EQPT REQUIRED  
DME



Timing not authorized for defining the MAPt.



Missed APCH climb gradient MNM 3.0%

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

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

CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

## INSTRUMENT APPROACH CHART

RJKI / KIKAI

RNAV(GNSS) RWY07

KOBE CONTROL

132.3 – 255.2

1. DME/DME RNP0.3 not authorized.  
2. RNP 0.3 required.  
3. GNSS required. For E/TSO-C129( )  
sensor, contingency means required,  
such as IRU.

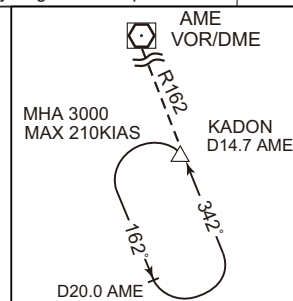
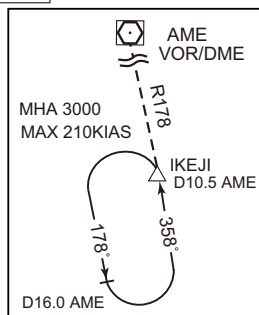
KIKAI RADIO  
118.0AFIS provided  
by Kagoshima Airport Office

NO RADAR

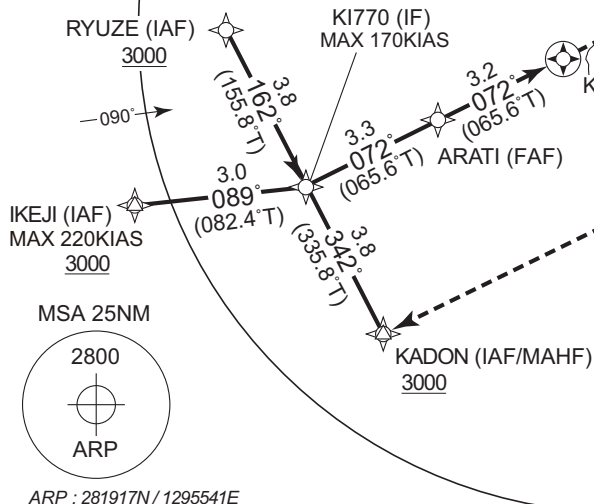
Baro – VNAV not authorized below 5°C.

VAR 6°W (2020)

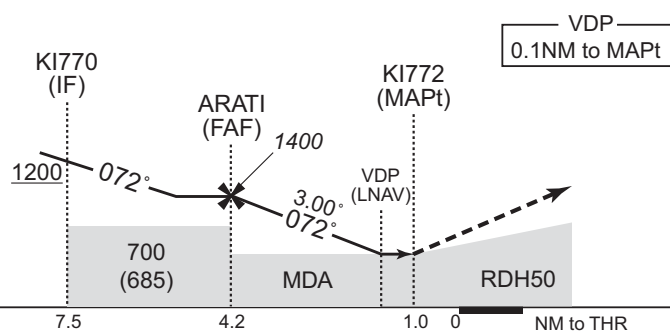
AMAMI AP  
VOR/DME  
KASARI  
113.95 AME  
CH-86Y  
28°26'05"N/129°42'41"E



KADON 281236.50N  
(IAF/MAHF) 1294922.95E  
IKEJI 281541.27N  
(IAF) 1294414.66E  
RYUZE 281933.41N  
(IAF) 1294550.55E  
KI770 281604.97N  
(IF) 1294736.81E  
ARATI 281726.58N  
(FAF) 1295101.33E  
KI772 281845.03N  
(MAPt) 1295418.21E  
KI773 282116.63N  
(MATF) 1300039.45E



NM to Next Fix	FAF	3	2	1	MAPt
ALT(3.0° APCH Path)	1400	1344	1026	707	—



## MISSED APPROACH

Direct to KI773, turn right  
direct to KADON and hold  
at 3000FT.  
Contact KIKAI RADIO.

Missed APCH climb gradient MNM 3.2%

CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	413	1500	400	1500	460(445)	1600
B	(392)		(385)		500(485)	
C		1800		1800	660(645)	2400
D	—	—	—	—	—	—

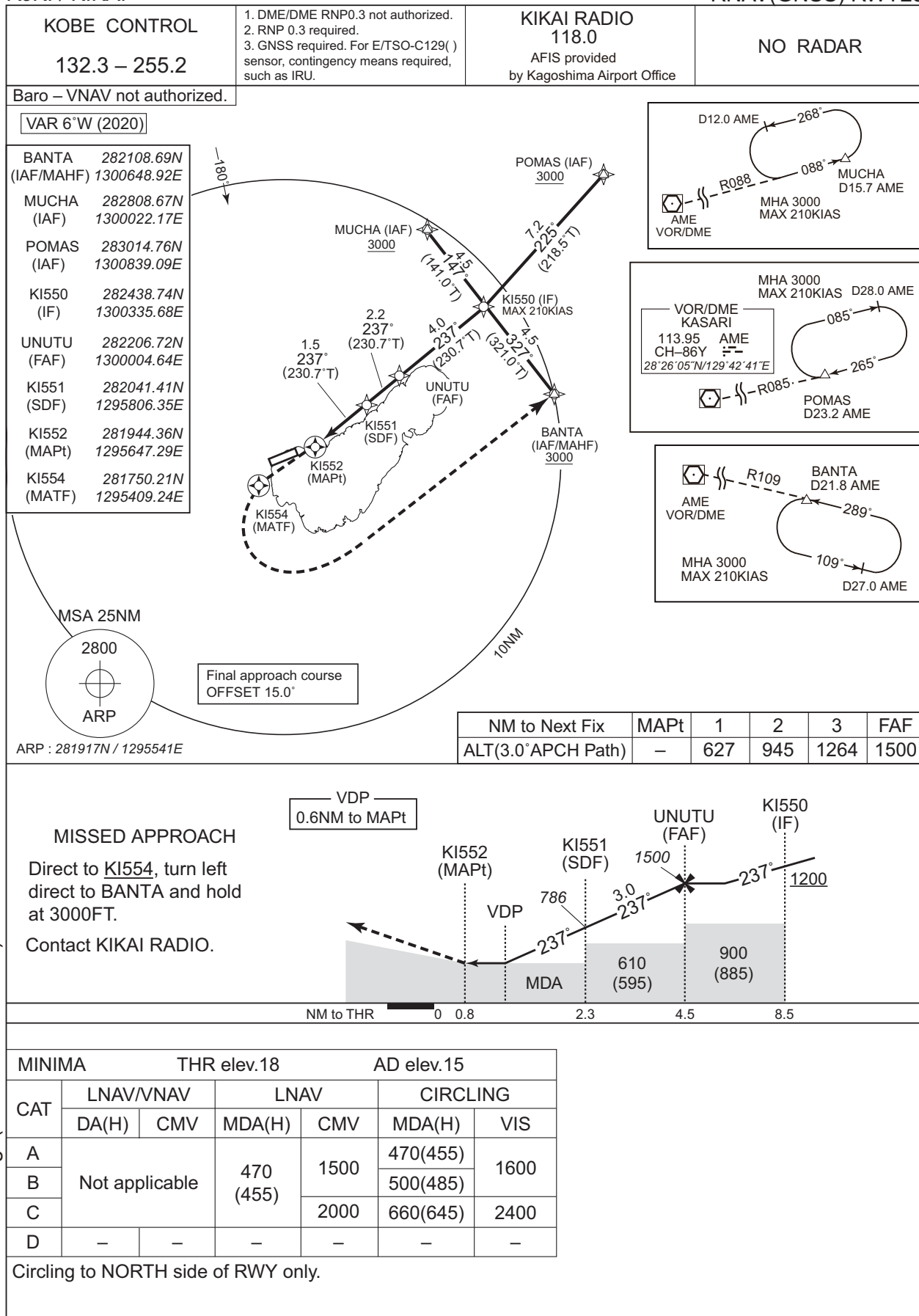
MINIMA with Missed APCH climb gradient of 2.5% are not established.  
Circling to NORTH side of RWY only.

CHANGE: Call sign(REMOTE→RADIO). AFIS unit added.

## INSTRUMENT APPROACH CHART

RJKI / KIKAI

RNAV(GNSS) RWY25



CHANGE: Call sign(REMOTE→RADIO). AFIS unit added.

RJKI / KIKAI

Visual REP



Call sign	BRG / DIST from ARP	Remarks
小野津港 Onotsukou	059°/ 4.8NM	港 Harbor
10NM NNE	022.5°/10NM	海上 Over the sea
10NM NW	315°/ 10NM	海上 Over the sea
喜界ALFA POINT Kikai Alfa Point	294°/ 5NM	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°/ 10NM	海上 Over the sea

RJKI / KIKAI

Minimum Vectoring Altitude CHART

