## **AD 2 AERODROMES**

# RJFE AD 2.1 AERODROME LOCATION INDICATOR AND NAME

# **RJFE - FUKUE**

## RJFE AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	323959N/1284958E APRX 400m SW of AP administration office		
2	Direction and distance from (city)	1.7nm SW of Goto city		
3	Elevation/ Reference temperature	251FT / 34°C (2003-2007)		
4	Geoid undulation at AD ELEV PSN	99ft		
5	MAG VAR/ Annual change	7° W(2009) / 2.8'W		
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	Fukue Airport Administration Office, Nagasaki Prefectual Government 2158 Kamioozu, Gotou-city, Nagasaki, 853-0013, JAPAN Tel: 0959-72-2400 e-mail: s12080@pref.nagasaki.lg.jp		
7	Types of traffic permitted (IFR/VFR)	IFR/VFR		
8	Remarks	Nil		

# **RJFE AD 2.3 OPERATIONAL HOURS**

1	AD Administration	2300 - 1030	
2	Customs and immigration	On request Customs: 095-828-8641 Immigration: 095-822-5289	
3	Health and sanitation	Quarantine(human): On request(095-826-8081) Quarantine(animal, plant): Nil	
4	AIS Briefing Office	Nil	
5	ATS Reporting Office(ARO)	Nil	
6	MET Briefing Office	H24 (FUKUOKA)	
7	ATS	2300 - 1030	
		Remarks: AFIS provided by Fukuoka Airport Office.	
8	Fuelling	Nil	
9	Handling	Nil	
10	Security	2300 - 1030	
11	De-icing	Nil	
12	Remarks	Nil	

## **RJFE 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

## **RJFE AD 2.5 PASSENGER FACILITIES**

1	Hotels	in Goto city 5km	
2	Restaurants	at Airport	
3	Transportation	Busses and Taxis	
4	Medical facilities	First aid treatment center, Hospital in Goto city 5km	
5	Bank and Post Office	in Goto city 5km	
6	Tourist Office	in Goto city 5km	
7	Remarks	Nil	

## **RJFE AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1	AD category for fire fighting	CAT 6
2 Rescue equipment Chemical fire fighting truck x 2		Chemical fire fighting truck x 2
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

## **RJFE AD 2.7 SEASONAL AVAILABILITY-CLEARING**

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

# RJFE AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface: Asphalt			
		Strength: SOUTH: PCN 38/F/B/X/T			
		NORTH: PCN 14/F/C/Y/T			
2	Taxiway width, surface and	Surface: Asphalt			
	strength	Width & Strength:			
		T1 23m PCN 45/F/C/X/T			
		T2 18m PCN 13/F/C/Y/T			
3	ACL and elevation	Not AVBL			
4	VOR checkpoints	Not AVBL			
5	INS checkpoints	(Spot NR) 3: 323956.09N/1285017.80E 5: 323956.07N/1285017.79E 6: 323956.19N/1285017.54E			
6	Remarks	Nil			

## RJFE AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and Visual dock-	Nil
	ing/ parking guidance system of aircraft stands	
2	RWY and TWY markings and	RWY:RWY03/21
	LGT	(Marking):RWY designation, RWY CL, RWY THR, TDZ, Aiming point, RWY side
		stripe
		(LGT): RCLL, REDL, RTHL, RENL, RWY DIST marker LGT,
		TWY:
		(Marking):
		(LGT): TWY edge LGT, TWY CL LGT(TWY T1), Taxiing guidance sign
3	Stop bars	Nil
4	Remarks	(Marking): Overrun area (LGT): Apron flood LGT

# **RJFE AD 2.10 AERODROME OBSTACLES**

## In approach/TKOF areas

	RWY/Area affected	Obstacle type	Coordinates	Elevation	Markings/ LGT	Remarks
Nil		I				

## In circling area and at AD

Obstacle type	Coordinates	Elevation	Markings/ LGT	Remarks
Mountain	to be developed	1039ft	- / LIM	above the horizontal surface
Mountain	324436.0N/1284455.2E	830ft	-/LIM	above the horizontal surface
Antenna	323951.8N/1285036.0E	582ft	- / LIL	above the horizontal surface

# **RJFE AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	Associated MET Office	FUKUOKA
2	Hours of service	H24 (FUKUOKA)
	MET Office outside hours	
3 Office responsible for TAF preparation Nil		Nil
	Periods of validity	
4	Trend forecast	Nil
	Interval of issuanc	
5	Briefing/ consultation provided	Briefing is available upon inquiry at FUKUOKA
6	Flight documentation	С
	Language(s) used	En
7	Charts and other information available for	$S_6$ , $U_{85}$ , $U_7$ , $U_5$ , $U_3$ , $U_{25}$ , $U_2/T_r$ , $P_S$ , $P_5$ , $P_3$ , $P_{25}$ , $P_{SWE}$ , $P_{SWF}$ ,
	briefing or consultation	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	Nil
	available for providing information	
9	ATS units provided with information	RADIO
10	Additional information(limitation of service,	Nil
	etc.)	

# **RJFE AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

Designations RWY NR	TRUE BRO	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
03	025.75°	2000×45	PCN 40/F/B/X/T Asphalt Concrete	323929.34N/ 1284941.44E 372ft	THR ELEV:223FT
21	205.75°	2000×45	PCN 40/F/B/X/T Asphalt Concrete	324027.81N/ 1285014.79E 322ft	THR ELEV:273FT
Slope of	Slope of RWY		RESA (Ov Dimensio	,	Remarks
7		10	11		14
See AD 2.24 AD Chart		2120×150	195 ×	150	RWY Grooving 2000mx30m
		2120×150	45 × 1	50	

# **RJFE AD 2.13 DECLARED DISTANCES**

	TORA	TODA	ASDA	LDA	
RWY Designator	(m)	(m)	(m)	(m)	Remarks
1	2	3	4	5	6
03	2000	2000	2000	2000	Nil
21	2000	2000	2000	2000	Nil

## **RJFE 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				
03	SALS (*1) 420m LIH	Green	PAPI 3.0° /Left 323m 61FT	Nil	2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (White/Yellow) LIH	Red	Nil(*2)				
21	SALS (*1) 420m LIH	Green	PAPI 3.0° /Left 388m 61FT	Nil	2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (White/Yellow) LIH	Red	Nil(*2)				
				Remarks								
				10								
	SALS with RAI(LEN:480m)(*1) Overrun area edge LGT(LEN:60m,Color:Red)(*2)											

# RJFE AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: 324010N/1285018E, White/Green EV4.3sec, HO
2	LDI location and LGT	LDI: Nil
	Anemometer location and LGT	Anemometer: RWY03: 210m from RWY 03 THR, LGTD
		RWY21: 260m from RWY 21 THR, LGTD
3	TWY edge and center line lighting	TWY edge and center line lights installed, see AD2.9
4	Secondary power supply/ switch- over time	Within 15 sec: All lights
5	Remarks	WDI LGT

## **RJFE AD 2.16 HELICOPTER LANDING AREA**

Nil
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# **RJFE AD 2.17 ATS AIRSPACE**

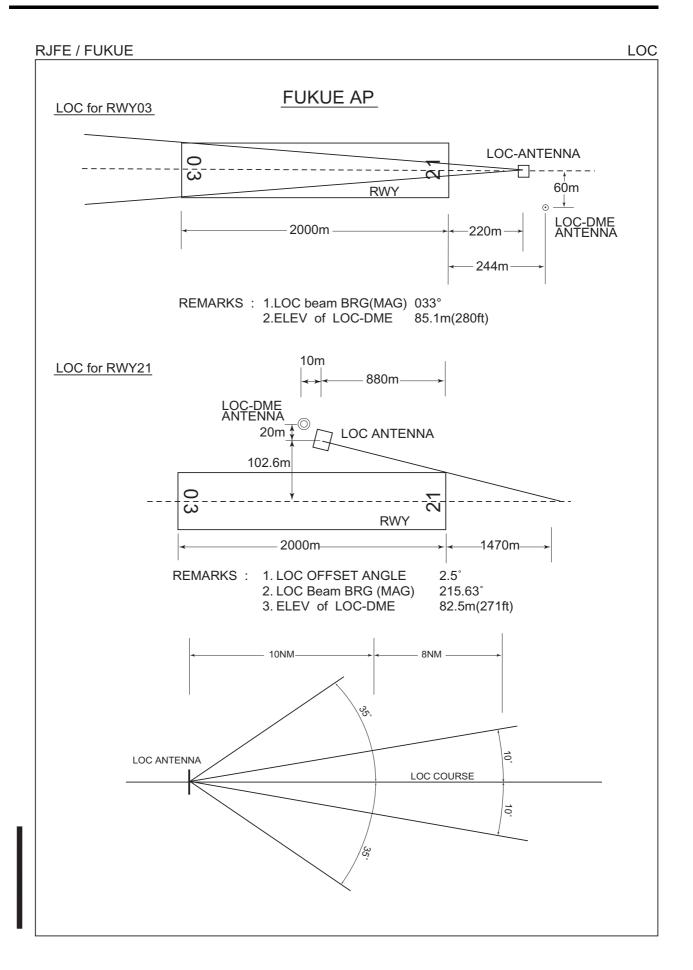
1	Designation and lateral limits	Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Transition altitude	Remarks
	1	2	3	4	5	6
Fukue Information zone	Area within a radius of 5NM(9km) of ARP	3,000FT or below	E	Fukue Radio En	Nil	Nil

## **RJFE AD 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	Fukue Radio	118.35MHz	2300 - 1030	Operated by Fukuoka Airport office.

## **RJFE AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

Type of aid (VOR declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR (7°W / 2008)	FUE	115.8MHz	H24	324006.98N/ 1284936.25E		VOR/DME Unusable: (1)100° - 140° beyond 15nm BLW 4,000ft.
DME	FUE	1192MHz (CH-105X)	H24	324006.98N/ 1284936.25E	296FT	(2)260° -300° beyond 20nm BLW 4,000ft.
LOC 03	IFU	109.7MHz	2300-1030	324034.22N/ 1285018.44E		LOC 03: 220m (722ft) away FM RWY 21 THR, BRG (MAG) 033°
LOC-DME 03	IFU	995MHz (CH-34X)	2300-1030	324034.08N/ 1285020.92E	280FT	LOC-DME 03: 244m (801ft) away FM RWY 21 THR, 60m (197ft) E of RCL.
LOC 21	IFE	110.1MHZ	2300-1030	324003.51N/ 1284956.55E		LOC 21: 880(2887FT) inside FM RWY 21 THR, 102.6m(337FT) W of RCL. LOC off-set angle 2.5° BRG(MAG)215.63°
LOC-DME 21	IFE	999MHz (CH-38X)	2300-1030	324003.50N/ 1284955.69E	271FT	LOC-DME 21: 890m(2920FT) inside FM RWY21 THR. 122.6m(402FT) W of RCL.
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based.



1. Airp	RJFE AD 2.20 LOCAL TRAFFIC REGULATIONS ort regulations
г	
L	Nil
2. Taxi	ing to and from stands
	Nil
3. Park	king area for small aircraft(General aviation)
	Nil
4. Park	king area for helicopters
	Nil
5. Apro	on - taxiing during winter conditions
	Nil
6. Taxi	ing - limitations
	Nil
7. Sch	ool and training flights - technical test flights - use of runways
	Nil
8. Heli	copter traffic - limitation
	Nil
9. Rem	noval of disabled aircraft from runways
	Nil
	RJFE AD 2.21 NOISE ABATEMENT PROCEDURES
	Nil

## **RJFE AD 2.22 FLIGHT PROCEDURES**

#### 1.TAKE OFF MINIMA

	RWY	ACFT CAT	REDL 8	& RCLL		or RCLL Marking		IL ONLY)	
		CAI	RVR	VIS	RVR	VIS	RVR	VIS	
Multi-Engine ACFT with TKOF	03	A,B,C,D	-	400m	-	400m	-	500m	
ALTN AP Filed	21	A,B,C,D	-	400m	-	400m	-	500m	
OTHER	03	A,B,C,D	AVBL LDG MINIMA						
OTTLER	21	A,B,C,D			AVBL LDG	3 IVIIIVIIVIA			

## **RJFE AD 2.23 ADDITIONAL INFORMATION**

Nil

## **RJFE AD 2.24 CHARTS RELATED TO AN AERODROME**

Aerodrome/Heliport Chart

Standard Departure Chart - Instrument (NAGASAKI, IKI, FUKUE REVERSAL)

Standard Departure Chart - Instrument (AGRIT-RNAV) Standard Departure Chart - Instrument (OLVIN-RNAV)

Instrument Approach Chart (LOC RWY03)
Instrument Approach Chart (VOR RWY03)
Instrument Approach Chart (LOC Z RWY21)
Instrument Approach Chart (LOC Y RWY21)
Instrument Approach Chart (VOR RWY21)
Instrument Approach Chart (RNP RWY03)

Instrument Approach Chart (RNP RWY21)

Other Chart (Visual REP) Other Chart (LDG CHART) Other Chart (MVA CHART)







RJFE / FUKUE SID

### NAGASAKI FOUR DEPARTURE

RWY 03: Climb RWY HDG to 1300FT, turn right HDG127°...., RWY 21: Climb RWY HDG to 1300FT, turn left HDG037°....,

....to intercept and proceed via FUE R082/OLE R263 to OLE VOR/DME.

### IKI FOUR DEPARTURE

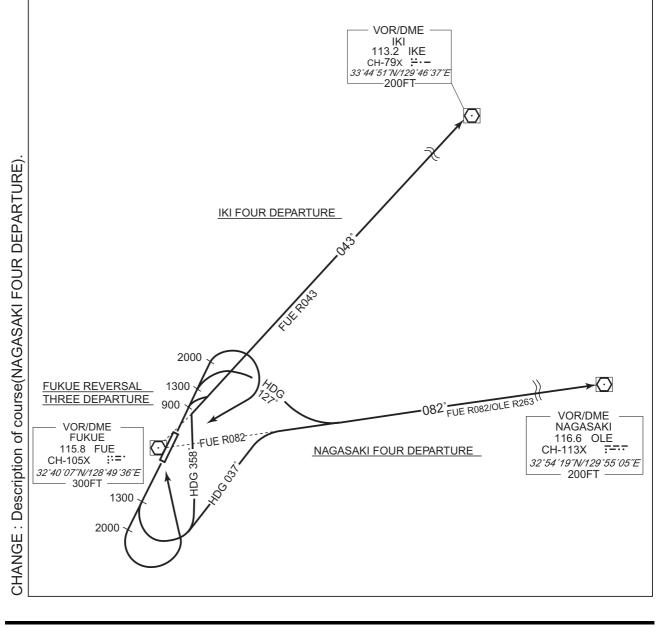
RWY 03: Climb RWY HDG to 900FT, turn right....,

RWY 21: Climb RWY HDG to 1300FT, turn left HDG358°...., ....to intercept and proceed via FUE R043 to IKI VOR/DME.

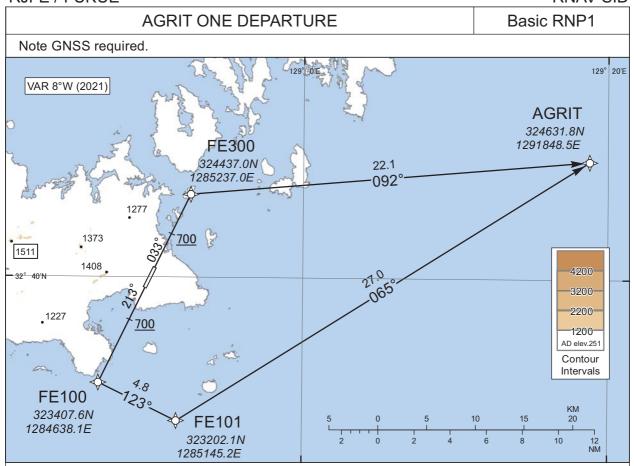
## FUKUE REVERSAL THREE DEPARTURE

RWY 03: Climb RWY HDG to 2000FT, turn right...., RWY 21: Climb RWY HDG to 2000FT, turn left....,

....direct to FUE VOR/DME.



RJFE / FUKUE RNAV SID



RWY03: Climb on HDG033° at or above 700FT, direct to FE300, to AGRIT.

RWY21: Climb on HDG213° at or above 700FT, direct to FE100, to FE101, to AGRIT.

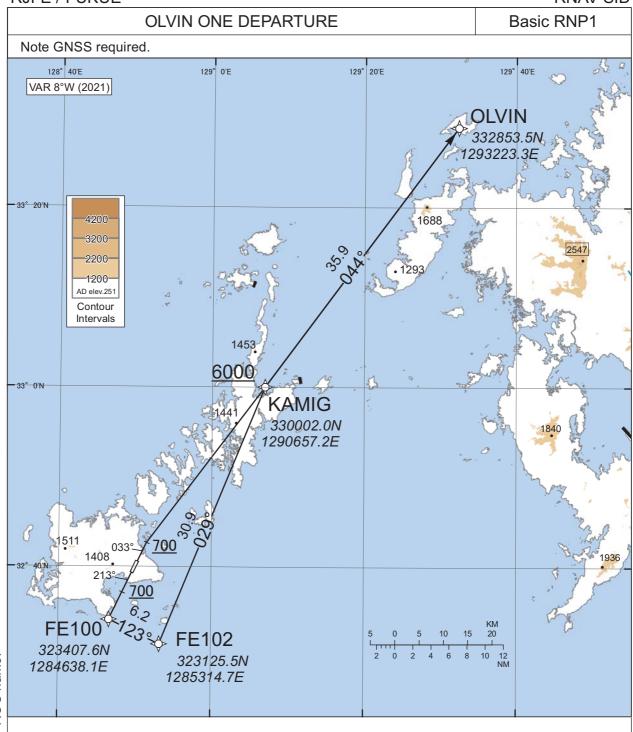
# RWY03

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	-	-	033 (025.6)	-7.5	-	-	+700	-	-	Basic RNP1
002	DF	FE300	-	-	-7.5	-	-	-	-	-	Basic RNP1
003	TF	AGRIT	-	092 (084.9)	-7.5	22.1	-	-	-	-	Basic RNP1

## RWY21

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	-	-	213 (205.7)	-7.5	1	-	+700	ı	-	Basic RNP1
002	DF	FE100	-	ı	-7.5	ı	1	-	ı	-	Basic RNP1
003	TF	FE101	-	123 (115.8)	-7.5	4.8	-	-	ı	-	Basic RNP1
004	TF	AGRIT	-	065 (057.4)	-7.5	27.0	-	-	-	-	Basic RNP1

RJFE / FUKUE **RNAV SID** 



RWY03: Climb on HDG033° at or above 700FT, direct to KAMIG at or above 6000FT, to OLVIN.

RWY21: Climb on HDG213° at or above 700FT, direct to FE100, to FE102, to KAMIG

at or above 6000FT, to OLVIN.

RJFE / FUKUE RNAV SID

# **OLVIN ONE DEPARTURE**

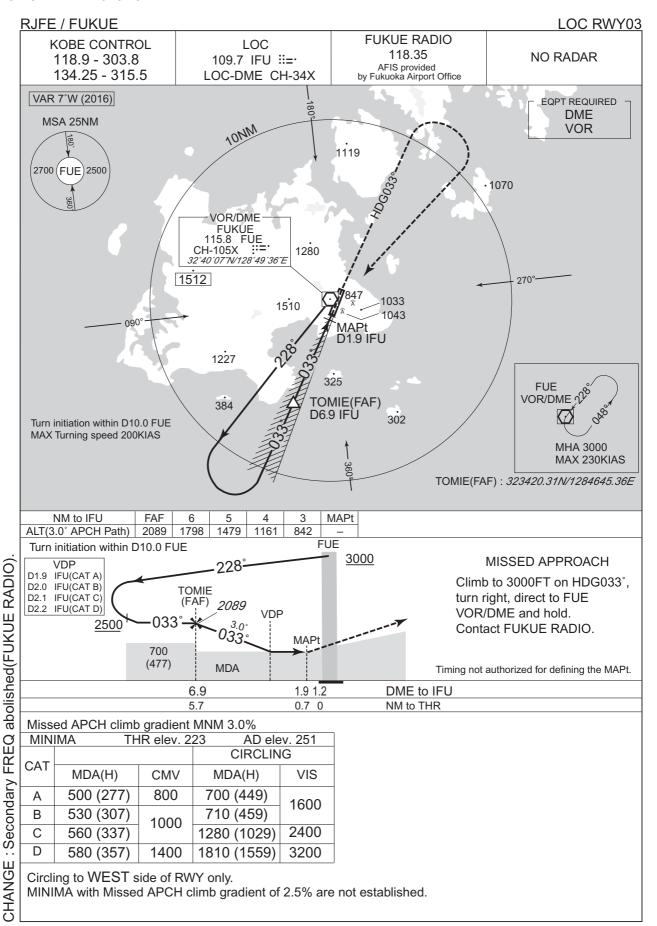
# RWY03

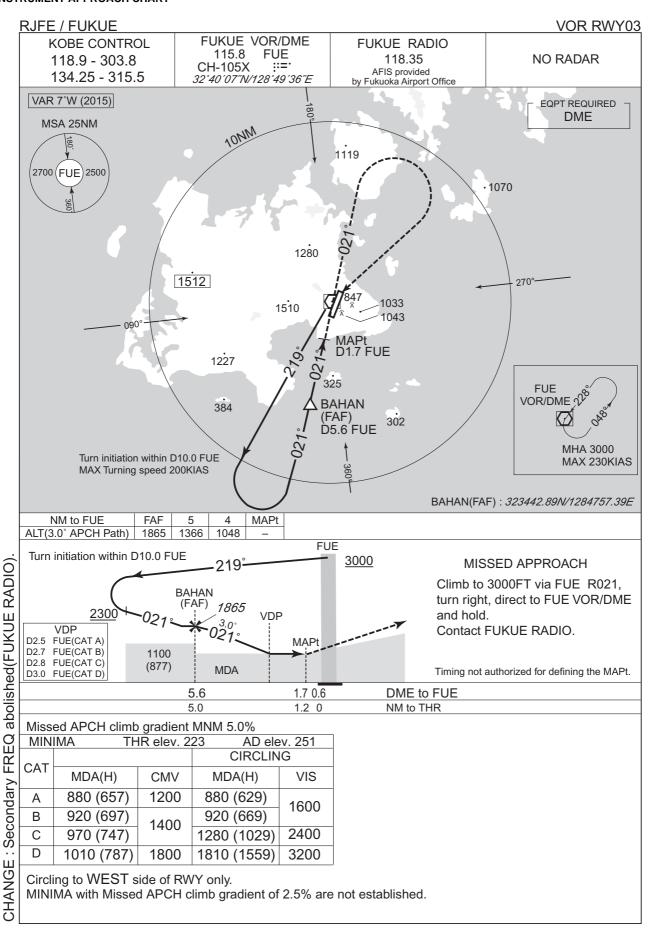
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	ı	033 (025.6)	-7.5	1	ı	+700	ı	1	Basic RNP1
002	DF	KAMIG	1	ı	-7.5	1	ı	+6000	1	1	Basic RNP1
003	TF	OLVIN	-	044 (036.3)	-7.5	35.9	-	-	-	-	Basic RNP1

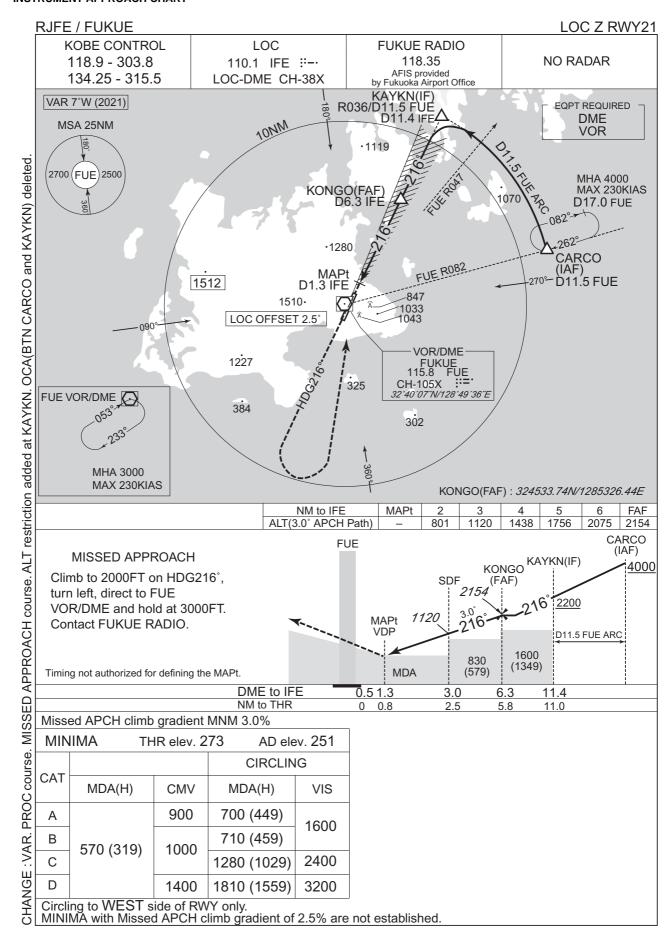
# RWY21

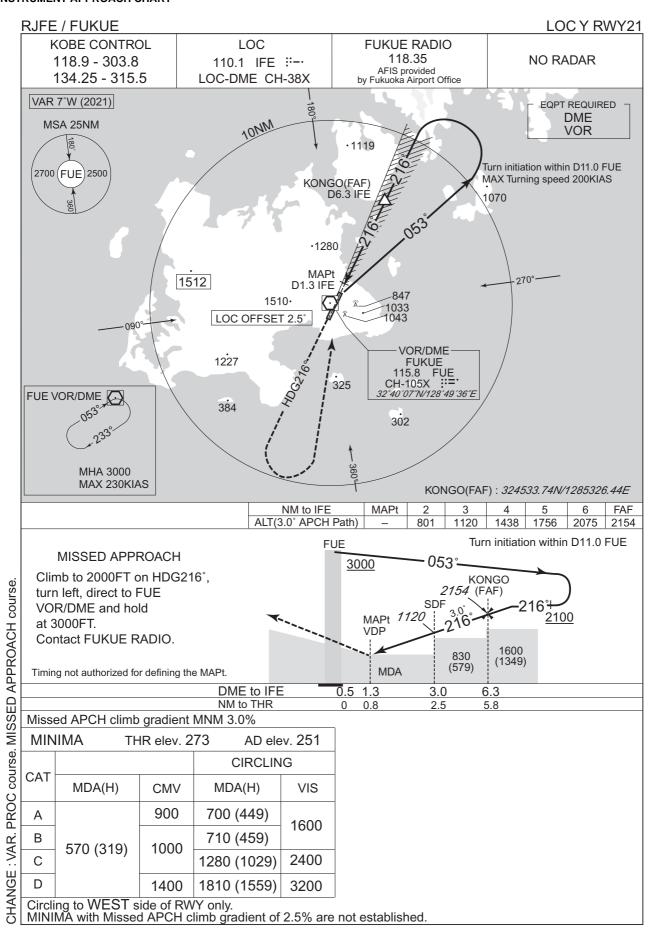
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	1	-	213 (205.7)	-7.5	1	-	+700	1	1	Basic RNP1
002	DF	FE100	-	1	-7.5	-	-	ı	1	1	Basic RNP1
003	TF	FE102	-	123 (115.8)	-7.5	6.2	ı	ı	1	1	Basic RNP1
004	TF	KAMIG	-	029 (021.9)	-7.5	30.9	ı	+6000	1	1	Basic RNP1
005	TF	OLVIN	-	044 (036.3)	-7.5	35.9	-	-	-	ı	Basic RNP1

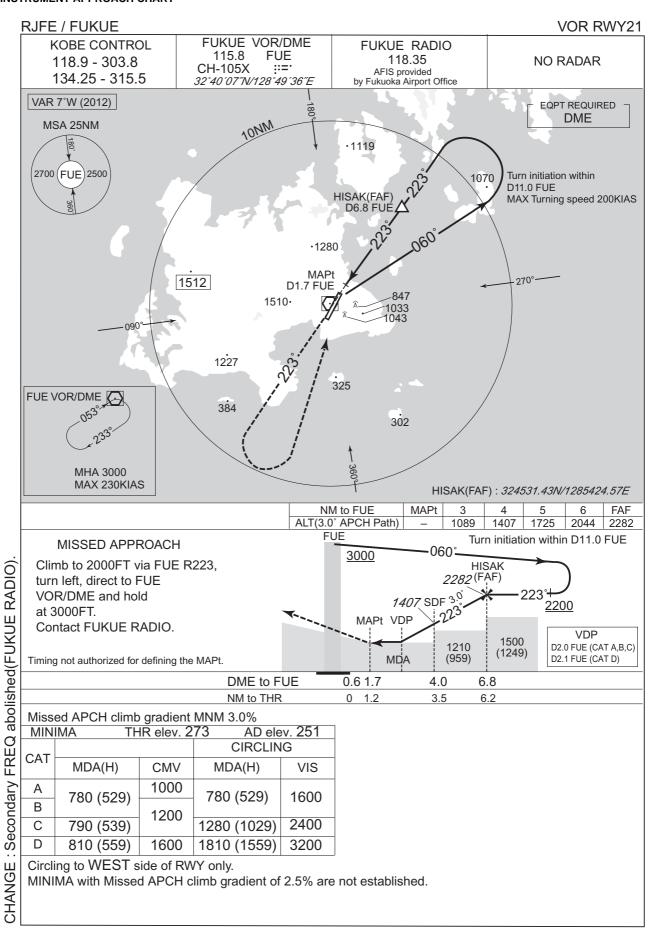
CHANGE: New PROC.



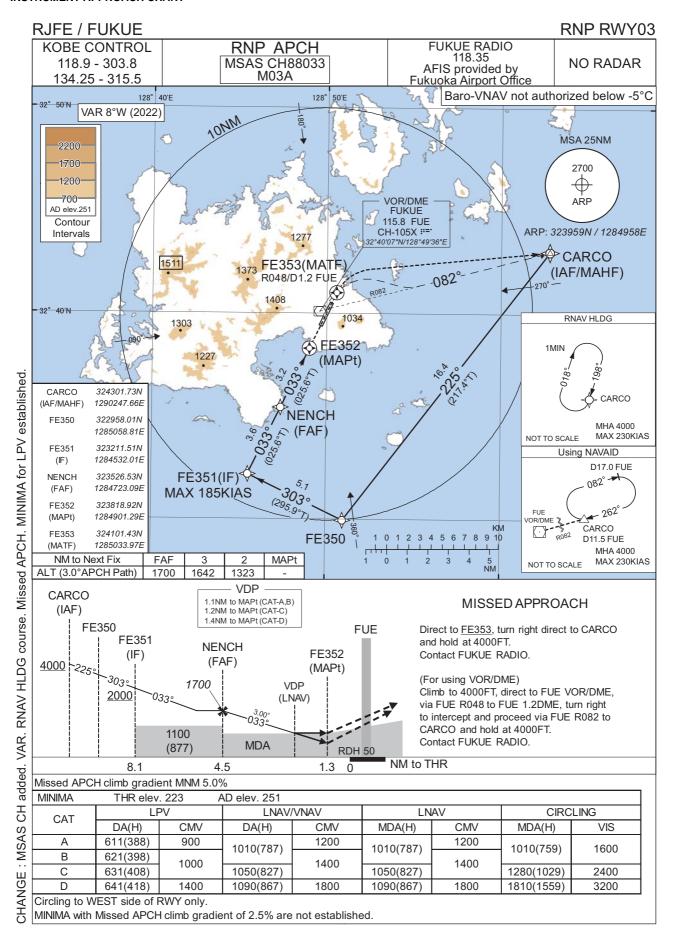










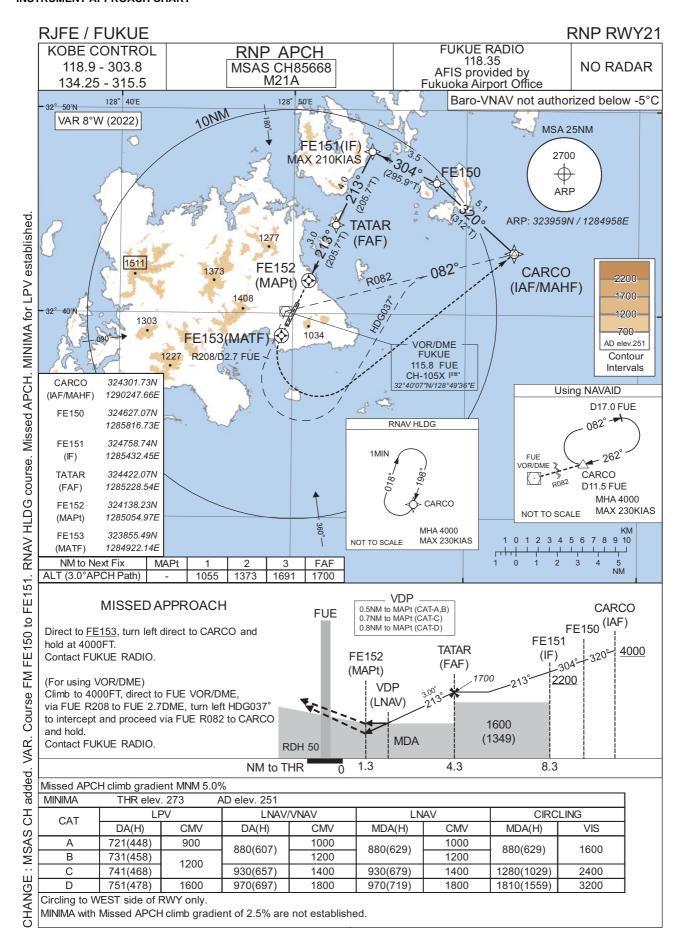


RJFE / FUKUE RNP RWY03

FAS DATA BLOCK					
Operation type	0	LTP/FTP ellipsoidal height	+00987		
SBAS service provider identifier	2	FPAP latitude	324027.7825N		
Airport identifier	RJFE	FPAP longitude	1285014.8040E		
Runway	03	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	M03A	∠ length offset	0000		
LTP/FTP latitude	323929.3105N	HAL	40.0		
LTP/FTP longitude	1284941.4435E	VAL	50.0		
CRC remainder	E0818BF5				

# Required additional data

<b>1</b>				
LTP/FTP orthometric height	167.7			
Lii /i ii orthollettic height	107.7			



RJFE / FUKUE RNP RWY21

FAS DATA BLOCK					
Operation type	0	LTP/FTP ellipsoidal height	+01140		
SBAS service provider identifier	2	FPAP latitude	323929.3105N		
Airport identifier	RJFE	FPAP longitude	1284941.4435E		
Runway	21	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	M21A	∠ length offset	0000		
LTP/FTP latitude	324027.7825N	HAL	40.0		
LTP/FTP longitude	1285014.8040E	VAL	50.0		
CRC remainder	7B7068FB				

# Required additional data

LTP/FTP orthometric height	82.9				



※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).

	Call sign	BRG / DIST from ARP	Remarks
CHANGE : Secondary FREQ abolished.	奈留島 Narushima	029°T / 10.8NM	浦港 Harbor
	椛島 Kabashima	053°T / 10.2NM	島 Island
	京ノ岳 Kyonodake	304°T / 10.1NM	レーダーサイト Radar site
	蠑螺島 Sazaejima	055°T / 4.0NM	島 Island
	二本楠 Nihongusu	275°T / 5.2NM	十字路 Intersection
	富江港 Tomieko	230°T / 4.4NM	港 Harbor
	大瀬崎 Osezaki	255°T / 12.2NM	灯台 Lighthouse
	黒島 Kuroshima	179°T / 4.0NM	島 Island
	黄島 Oshima	151°T / 6.9NM	島 Island





