## **AD 2 AERODROMES**

## **RJDC AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

## **RJDC - YAMAGUCHI-UBE**

#### RJDC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	335548N/1311643E 062 Degrees / 1.25km from RWY 07 THR
2	Direction and distance from (city)	4.6km (2.5NM) SE of Ube-Shinkawa station(JR)
3	Elevation/ Reference temperature	15ft / 30°C(2000-2004)
4	Geoid undulation at AD ELEV PSN	107ft
5	MAG VAR/ Annual change	7°W(2008) / 2.0'W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	Yamaguchi Pref. Public AP. 625 Oki-Ube Ube-shi, Yamaguchi Pref. TEL: 0836-21-5841 FAX: 0836-22-1034 e-mail: a18701@pref.yamaguchi.lg.jp
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Yamaguchi-Ube Airport Branch, Civil Aviation Bureau, MLIT 625-17 Aza-Hachioji Oki-Ube Ube-shi, Yamaguchi Pref. TEL: 0836-21-9860 FAX: 0836-22-8534

## **RJDC AD 2.3 OPERATIONAL HOURS**

1	AD Administration	2230 - 1230	
2	Customs and immigration	On request Customs: 0836-21-7391 Immigration: 083-261-1211	
3	Health and sanitation	On request Quarantine(human): 0834-21-1091 Quarantine(animal): 093-321-1116 Quarantine(plant): 083-266-4442	
4	AIS Briefing Office	Nil	
5	ATS Reporting Office(ARO)	Nil	
6	MET Briefing Office	H24 (FUKUOKA)	
7	ATS	2230 - 1230	
8	Fuelling	2230 - 1230	
9	Handling	Ask AD Administration	
10	Security	2230 - 1130	
11	De-icing	Nil	
12	Remarks	Nil	

## **RJDC AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	Nil (Only Baggages)
2	Fuel/ oil types	Fuel grade: Jet A1 Oil grade: Nil
3	Fuelling facilities/ capacity	Fuel truck refueling
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

## **RJDC AD 2.5 PASSENGER FACILITIES**

1	Hotels	Nil			
2	Restaurants	At Airport			
3	Transportation	Buses, Taxis			
4	Medical facilities	Nil: Hospital in Ube city 2km			
5	Bank and Post Office	At Airport(ATM)			
6	Tourist Office	Nil			
7	Remarks	Nil			

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

1	AD category for fire fighting	CAT 9
2	Rescue equipment	Chemical Fire Fighting Truck x 3 Water-Supply Truck Emergency Medical Equipments Conveyance Truck
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

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

1	Types of clearing equipment	Snow removal equipment: grader			
2	Clearance priorities	(1) RWY07/25, TWY A1, A2, T1, T6, P1 - P6, A APRON (2) TWY T2 - T5, B APRON			
3	Remarks	Snow removal will be commenced, if the RWY and TWY are covered with a depth of 3cm snow or more.			

# RJDC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	` ' '	Surface: Cement-o	concrete Strength: PCN 69/R/C/X/T concrete Strength: 5700kg/0.28Mpa concrete Strength: 5700kg/0.28Mpa
2	Taxiway width, surface and strength	Surface: Asphalt-concr Width and Strength: A1, A2: AT: B1: T1, T2, T3, T4, T5, T P1, P2, P3, P4, P5,	Width: 30m Width: 30m Width: 9m F6: Width: 30m	Strength: PCN 58/F/A/X/T Strength: PCN 69/R/C/X/T Strength: 5700kg/0.28Mpa Strength: PCN 58/F/A/X/T Strength: PCN 58/F/A/X/T
3	ACL and elevation	Not Available		
4	VOR checkpoints	Not Available		
5	INS checkpoints	(Spot NR)  1: 335559.36N/13116  2: 335558.51N/13116  3: 335557.45N/13116  5: 335556.29N/13116  6: 335555.24N/13116	33.57E 31.16E 28.99E	
6	Remarks	Nil		

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

1	Use of aircraft stand ID signs, TWY guide lines and Visual dock- ing/ parking guidance system of aircraft stands	Aircraft stand taxi lane: See AD2.24  A Apron: Spot 1-3, 5, 6  B Apron: Spot A,B,C,D,E,F,G,H
2	RWY and TWY markings and LGT	RWY: RWY07/25  (Marking) RWY designation, RWY CL, RWY THR, RWY middle point,
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area, Apron TWY CL (LGT) Apron flood LGT

## **RJDC AD 2.10 AERODROME OBSTACLES**

In Area2 See Obstacle data

Other obstacles

OBST ID/ designation	Obstacle type	Coordinates	Elevation	Markings/LGT	Remarks
RJDC1	Pole	335530.8N/1311551.1E	26ft		Under APCH SFC
RJDC2	Pole	335530.1N/1311550.6E	27ft		Under APCH SFC
RJDC3	Pole	335529.8N/1311548.0E	31ft		Under APCH SFC
RJDC4	Pole	335529.8N/1311548.6E	31ft		Under APCH SFC
RJDC5	Pole	335530.8N/1311551.4E	31ft	-/LIL	Under APCH SFC
RJDC6	Pole	335529.9N/1311549.3E	31ft		Under APCH SFC
RJDC7	Pole	335530.4N/1311551.1E	31ft		Under APCH SFC
RJDC8	Pole	335529.9N/1311550.0E	30ft		Under APCH SFC
RJDC9	Pole	335529.9N/1311550.6E	31ft		Under APCH SFC
RJDC10	Tree	335614.6N/1311722.4E	76ft	- / LIM	Under transitional SFC
RJDC11	Pole	335532.2N/1311552.2E	26ft		Under transitional SFC
RJDC12	Pole	335531.5N/1311551.6E	26ft		Under transitional SFC
RJDC13	Pole	335534.0N/1311554.2E	51ft		Under transitional SFC
RJDC14	Pole	335533.1N/1311553.1E	47ft		Under transitional SFC
RJDC15	Pole	335532.4N/1311552.6E	35ft		Under transitional SFC
RJDC16	Pole	335531.7N/1311552.0E	31ft	-/LIL	Under transitional SFC
RJDC17	Pole	335531.2N/1311551.7E	32ft		Under transitional SFC
RJDC18	Pole	335532.0N/1311552.3E	31ft		Under transitional SFC
RJDC19	Tree	335539.4N/1311603.0E	66ft		Under transitional SFC
RJDC20	Tree	335532.3N/1311554.1E	33ft		Under transitional SFC

In Area3 To be developed

## **RJDC 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
	Periods of validity	
4	Trend forecast	Nil
	Interval of issuance	
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	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>r</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> ,
	for briefing or consultation	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 ser-	Nil
	vice, etc.)	

## **RJDC AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

Designations RWY NR	TRUE BRG	Dimensions of RWY(M)	Strength(PCN) and THR coordinates surface of RWY THR geoid undulation		THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
07	062.27°	2500 <i>×</i> 45	PCN 58/F/A/X/T	335528.81N/1311600.47E	THR ELEV:23.3FT
			Asphalt-Concrete	107ft	TDZ ELEV:22.0FT
25	242.27°	2500 <i>×</i> 45		335606.56N/1311726.64E	THR ELEV:21.7FT
				107ft	
Slope of RWY		Strip Dimensions(M)	RESA(Overrun) Dimensions(M)		Remarks
7		10	11		14
		2620x300	194x(MNM:155 MAX:300)*		
See AD 2.24 AD Chart		2620x300	46x(MNM:283 MAX:300)*		RWY Grooving:2500x30m
			*For detail, as	k airport administrator	

## **RJDC AD 2.13 DECLARED DISTANCES**

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
07 25	2500 2500	2500 2500	2500 2500	2500 2500	Nil Nil

## **RJDC AD 2.14 APPROACH AND RUNWAY LIGHTING**

	APCH LGT		PAPI (VASIS)		RCLL LEN	REDL LEN					
	type	RTHL	Angle		Spacing	Spacing	RENL	STWL			
RWY	LEN	Color	DIST FM THR	RTZL	Color	Color	Color	LEN			
Designator	INTST	WBAR	MEHT	LEN	INTST	INTST	WBAR	Color			
1	2	3	4	5	6	7	8	9			
07	PALS	Green	PAPI	900M	2500M	2500M	Red	Nil			
	(CAT I)	Green	3.0°/LEFT		30M	60M		(*2)			
	900M		445.1M		Coded color	Coded color					
	LIH		66FT		(White/Red)	(White/Yellow)					
					LIH	LIH					
25	SALS	Green	PAPI	Nil	2500M	2500M	Red	Nil			
	(*1)	Nil	3.0°/LEFT		30M	60M		(*2)			
	420M		479.8M		Coded color	Coded color					
	LIH		74FT		(White/Red)	(White/Yellow)					
					LIH	LIH					
				Remarks							
				10							
SALS with AP	CH LGT bea	con(600m a	ind 900m FM RW	Y THR)(*1)							
Overrun area edge LGT(LEN:60m Color:Red)(*2)											
CGL for RWY	25										

## **RJDC AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

1	ABN/IBN location,characteristics and hours of operation	ABN: 335608N/1311630E, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI: Nil Anemometor: RWY07: 310m from RWY 07 THR, LGTD RWY25: 260m from RWY 25 THR, LGTD
3	TWY edge and centerline lighting	TWY edge and center line lights installed, see AD2.9
4	Secondary power supply/ switch-over time	Within 1 sec: REDL, RENL, RTHL, WBAR, RCLL, Overrun area edge LGT Within 15 sec: Other LGT
5	Remarks	WDI LGT

#### **RJDC AD 2.16 HELICOPTER LANDING AREA**

Nil
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# **RJDC AD 2.17 ATS AIRSPACE**

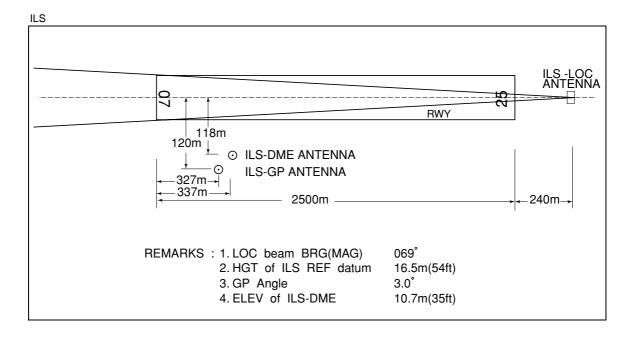
De	esignation and lateral limits	Vertical limits (ft) Airspace classification		ATS unit call sign Language	Remarks
	1	2	3	4	6
Yamaguchi-Ube Information Zone	Area within a radius of 5nm(9km) of Yamaguchi-Ube ARP	3,000 or Below	Е	Ube Radio En	

#### **RJDC AD 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	Ube Radio	118.05MHz(1) 126.2MHz	2230 - 1230	(1)Primary

## **RJDC 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/2015)	UBE	110.8MHz	H24	335608.26N/ 1311700.71E		
DME	UBE	1006MHz (CH-45X)	H24	335608.26N/ 1311700.71E	64ft	
ILS-LOC 07	IUB	110.1MHz	2230 - 1230	335610.19N/ 1311734.91E		LOC: 240m(787ft) away FM RWY25 THR, BRG(MAG)069°
ILS-GP 07	-	334.4MHz	2230 - 1230	335530.31N/ 1311613.93E		GP: 327m(1073ft) inside FM RWY07 THR,120m(394ft) S of RCL. Angle: 3.0° HGT of ILS Ref datum 16.5m(54ft).
ILS-DME 07	IUB	999MHz (CH-38X)	2230 - 1230	335530.50N/ 1311614.27E	35ft	DME: 337m(1106ft) inside FM RWY07 THR, 118m(387ft) S of RCL



## **RJDC AD 2.20 LOCAL TRAFFIC REGULATIONS**

1.	Air	port	rea	ula	tions

	B773 cannot use this airport due to unsuitable TWY structure, except in an emergency.
2. Ta:	xiing to and from stands
	Nil
3. Pa	rking area for small aircraft(General aviation)
	Spot D, E, F, G, H in B Apron as general.
4. Pa	rking area for helicopters
	Spot A, B, C in B Apron as general.
5. Ap	ron - taxiing during winter conditions
	Nil
6. Tax	xiing - limitations
	Nil
7. Sc	hool and training flights - technical test flights - use of runways
	PPR on TGL, Low APCH and Simulated APCH.
8. He	elicopter traffic - limitation
	Nil
9. Re	emoval of disabled aircraft from runways
	Ask AD administration.
	RJDC AD 2.21 NOISE ABATEMENT PROCEDURES
	Nil

#### **RJDC AD 2.22 FLIGHT PROCEDURES**

1. TAKE OFF MINIMA												
	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAYTIME ONLY)					
		CAI	RVR	VIS	RVR	VIS	RVR	VIS				
Multi-Engine ACFT with	07	A,B,C,D	400m	400m	400	400m	-	500				
TKOF ALTN AP FILED	25	A,B,C,D	•	400m	1	400m	-	500				
OTHER	07	A,B,C,D		AVBL LDG MINIMA								
OTHER	25	A,B,C,D			AVBL LD	AIVIIIVIIIVI						

#### 2. Automated Radar Terminal System (ARTS)

築城ターミナル管制所の指示のもとに、当該進入管制区を飛行する航空機は、モード A/3 の二次レーダー個別コード及びモード C による応答を指示される。

二次レーダー個別コードを搭載していない航空機が当該コードによる応答を指示された場合は、管制官に対し、その旨を通報すること。

Aircraft flying under control of TSUIKI approach control in the approach control area will be instructed to reply with discrete code on Mode A/3 and Mode C.

If an aircraft with non-discrete code capability is instructed to reply with the discrete code, it shall report a controller accordingly.

#### 3. Lost Communication Procedures for Arrival Aircraft under Radar Navigational Guidance.

If radio communications with TSUIKI Radar are lost for 1 minute, squawk Mode A/3 Code 7600 and;

- 1) Contact UBE Radio.
  - 2) If unable, proceed in accordance with Visual Flight Rules.
  - 3) If unable, proceed to UBE VOR last assigned altitude or 6000 FT whichever is higher and execute ILS approach.
- II Procedures other than above will be issued when situation required.

#### **RJDC AD 2.23 ADDITIONAL INFORMATION**

Nil

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

Aerodrome/Heliport Chart

Standard Departure Chart (UBE REVERSAL, HIMEH)

Standard Departure Chart (HIMESHIMA-RNAV)

Instrument Approach Chart (ILS or LOC RWY07)

Instrument Approach Chart (VOR RWY07)

Instrument Approach Chart (RNP RWY07(AR))

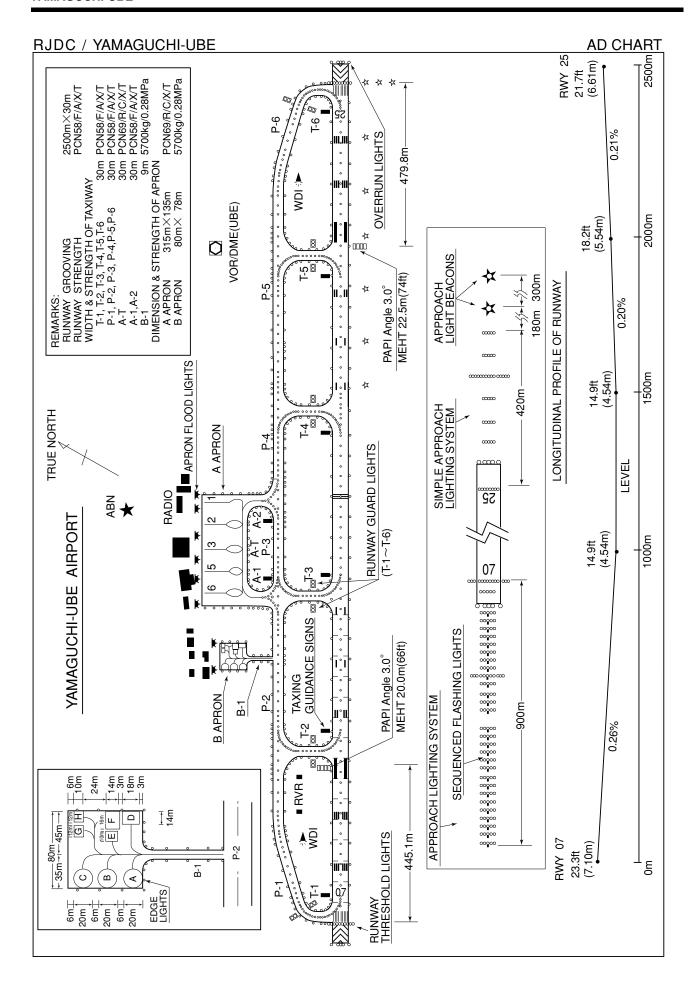
Instrument Approach Chart (RNP RWY25(AR))

Other Chart (Visual REP)

Other Chart (LDG CHART)

Other Chart (MVA CHART)







#### RJDC / YAMAGUCHI-UBE

SID

# UBE REVERSAL TWO DEPARTURE

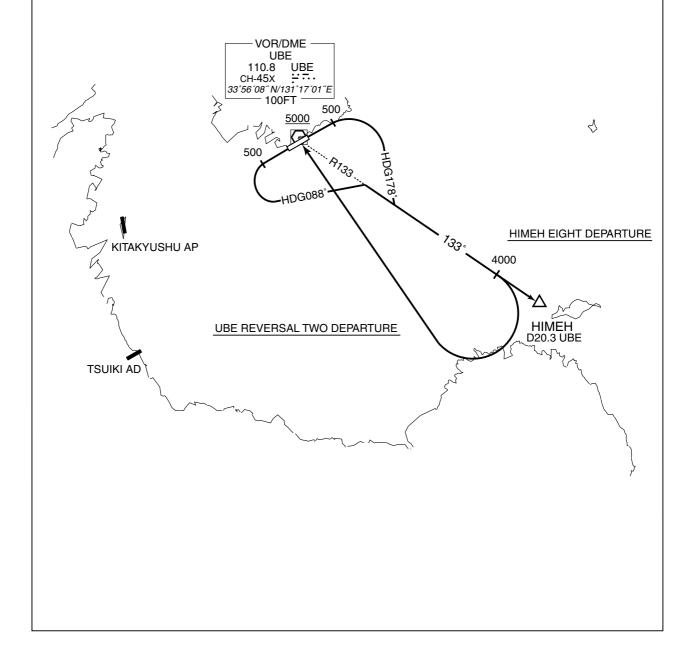
RWY07: Climb RWY HDG to 500FT, turn right HDG178°... RWY25: Climb RWY HDG to 500FT, turn left HDG088°...

...to intercept and proceed via UBE R133 to 4000FT, turn right, direct to UBE VOR/DME.

Cross UBE VOR/DME at or above 5000FT.

# HIMEH EIGHT DEPARTURE

RWY07: Climb RWY HDG to 500FT, turn right HDG178°... RWY25: Climb RWY HDG to 500FT, turn left HDG088°... ...to intercept and proceed via UBE R133 to HIMEH.

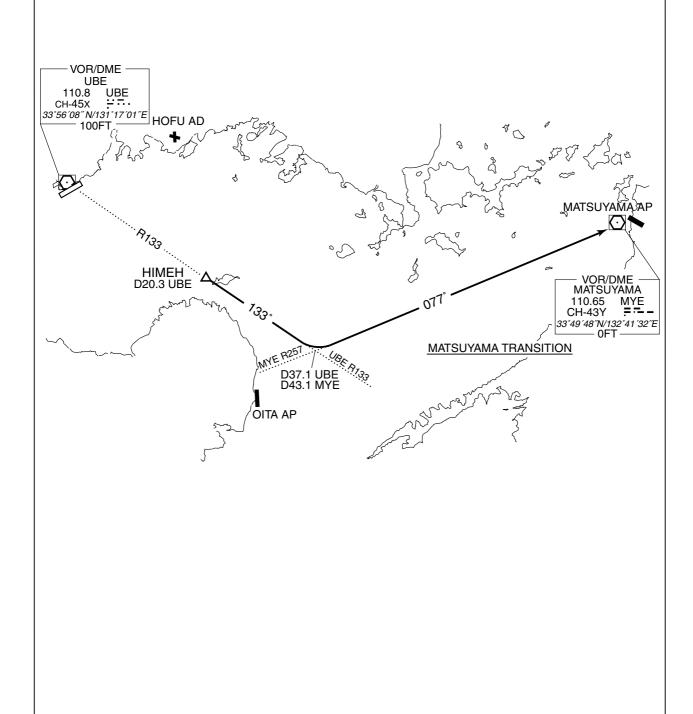


## RJDC / YAMAGUCHI-UBE

**TRANSITION** 

## MATSUYAMA TRANSITION

From over HIMEH, via UBE R133 to intercept and proceed via MYE R257 to MYE VOR/DME.



## RJDC / YAMAGUCHI-UBE

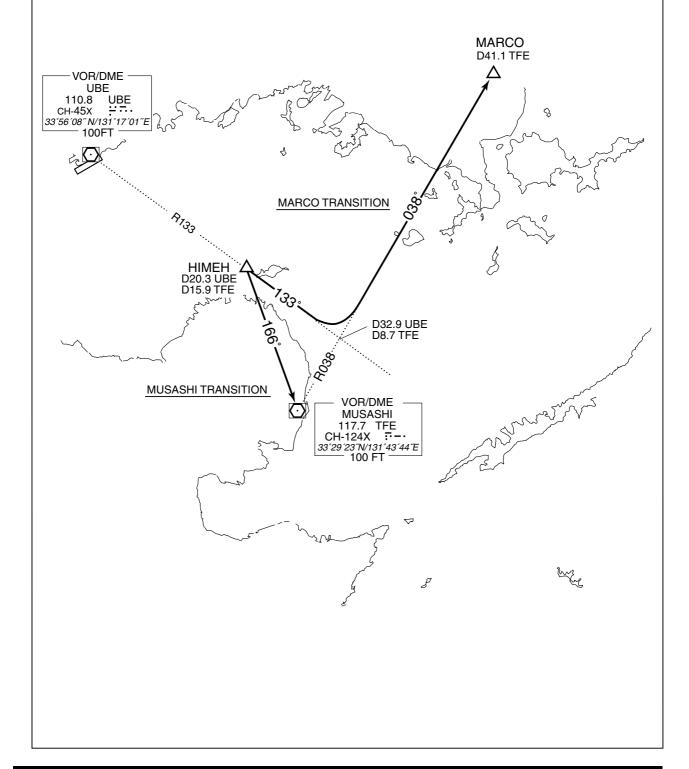
**TRANSITION** 

## **MARCO TRANSITION**

From over HIMEH, via UBE R133 to intercept and proceed via TFE R038 to MARCO.

# **MUSASHI TRANSITION**

From over HIMEH, via TFE R346 to TFE VOR/DME.



# RJDC / YAMAGUCHI-UBE HIMESHIMA TWO DEPARTURE RNP1 Note GNSS required. VAR 8'W S00 100 ROHE 335057.9W 1312540.0E

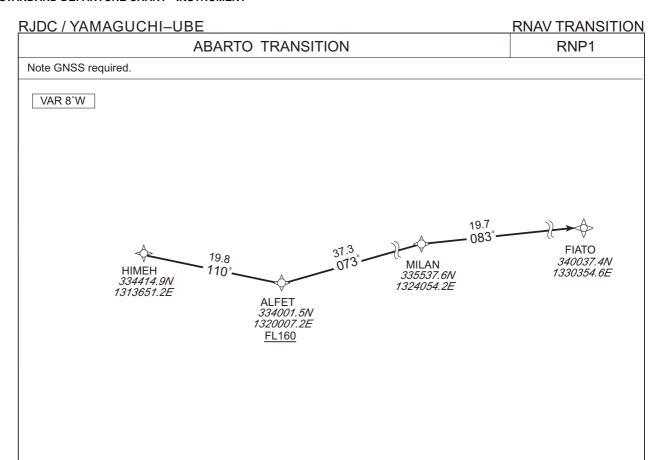
RWY07 : Climb on HDG  $070^{\circ}$  at or above 500FT, turn right direct to KOHEI, to HIMEH. RWY25 : Climb on HDG  $250^{\circ}$  at or above 500FT, turn left direct to KOHEI, to HIMEH.

#### RWY07

ı												
	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	_	_	070 (062.2)	-8.2	_	_	+500	_	_	RNP1
	002	DF	KOHEI	_	_	-8.2	_	R	_	_	_	RNP1
	003	TF	HIMEH	_	134 (125.8)	-8.2	11.5	_	_	_	_	RNP1

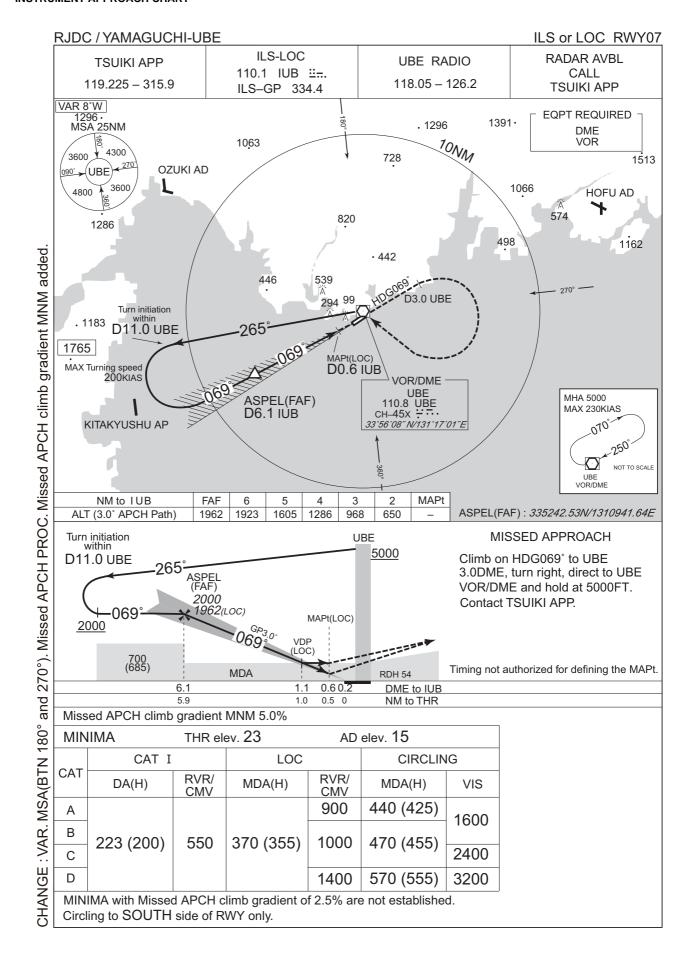
#### RWY25

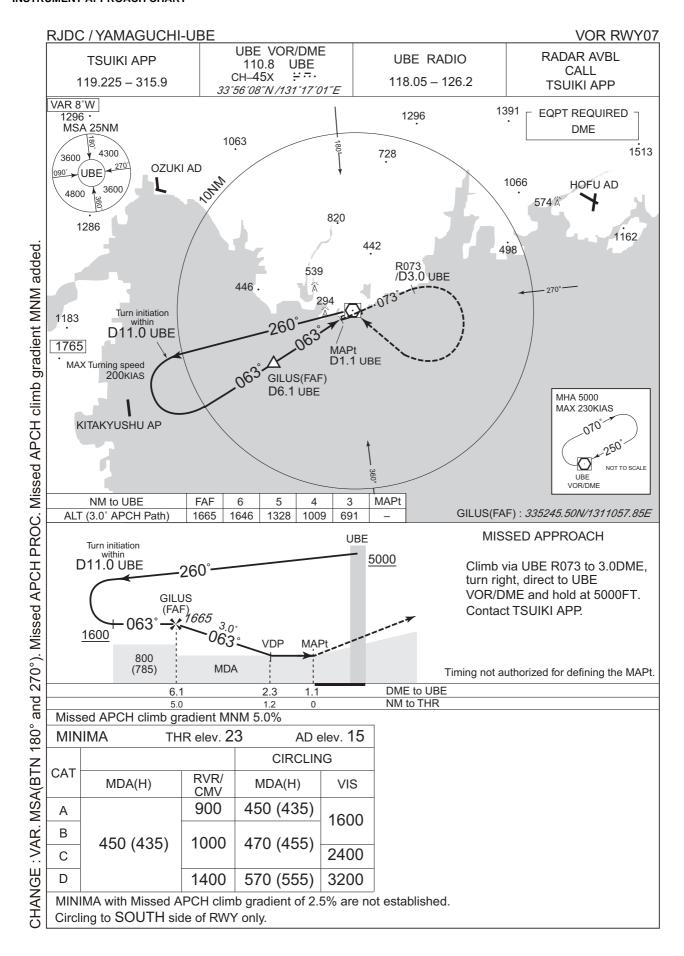
Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	250 (242.2)	-8.2	_	_	+500	_	_	RNP1
002	DF	KOHEI	_	_	-8.2	_	L	_	_	_	RNP1
003	TF	HIMEH	_	134 (125.8)	-8.2	11.5	_	_	_	_	RNP1

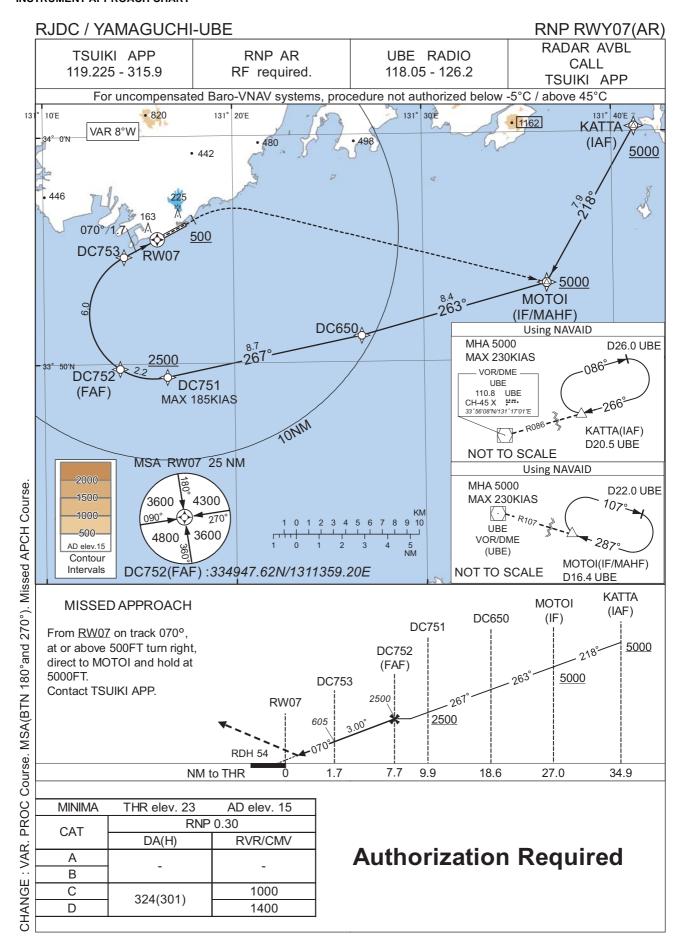


From HIMEH, to ALFET at or above FL160, to MILAN, to FIATO.

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	HIMEH	_	_	-8.2	_	_	_	_	_	RNP1
002	TF	ALFET	_	110 (102.2)	-8.2	19.8	_	+FL160	_	_	RNP1
003	TF	MILAN	_	073 (065.1)	-8.2	37.3	_	_	_	_	RNP1
004	TF	FIATO	_	083 (075.2)	-8.2	19.7	_	_	_	_	RNP1







# RJDC / YAMAGUCHI-UBE

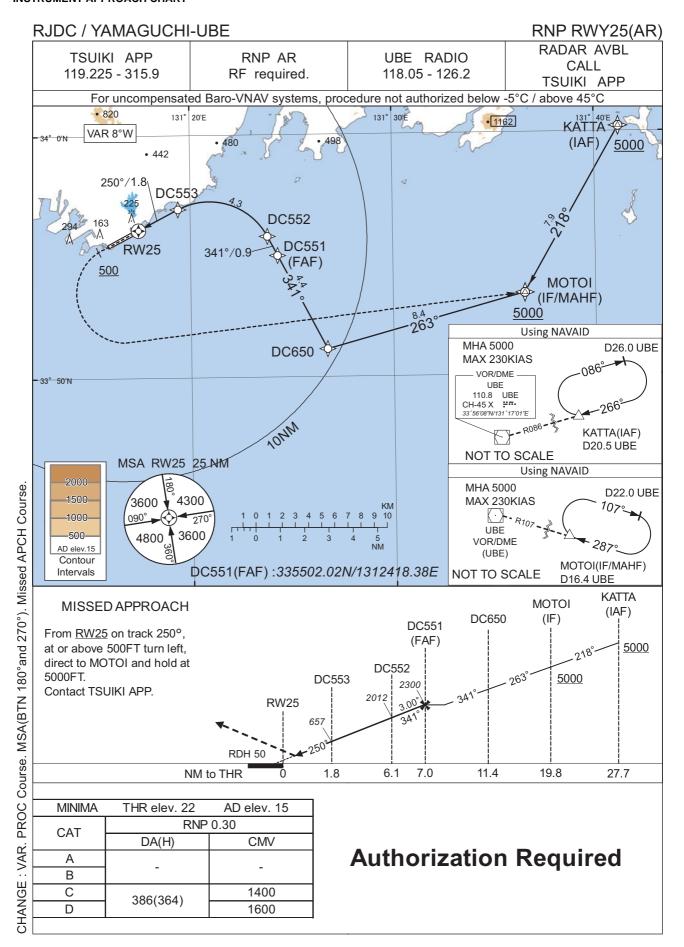
RNP RWY07(AR)

# Coding Table

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	KATTA	1	-	-8.2	-	-	+5000	-	-	-
002	TF	МОТОІ	-	218 (209.7)	-8.2	7.9	-	+5000	-	-	1.0
003	TF	DC650	-	263 (254.7)	-8.2	8.4	-	-	-	-	1.0
004	TF	DC751	-	267 (258.4)	-8.2	8.7	-	+2500	-185	-	1.0
005	RF Center: DCRF1 r=2.83NM	DC752	1	-	-8.2	2.2	R	2500	,	1	1.0
006	RF Center: DCRF1 r=2.83NM	DC753	,	-	-8.2	6.0	R	605	,	-3.00	0.3
007	TF	RW07	Υ	070 (062.1)	-8.2	1.7	-	77	-	-3.00/54	0.3
008	FA	-	-	070 (062.1)	-8.2	-	-	+500	-	-	1.0
009	DF	мотоі	-	-	-8.2	-	R	5000	-	-	1.0

## **Waypoint Coordinates**

	Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
	KATTA	340013.04N / 1314112.84E	DCRF1	335211.33N / 1311547.68E
	MOTOI	335323.26N / 1313630.85E		
	DC650	335109.96N / 1312644.12E		
	DC751	334924.96N / 1311628.63E		
	DC752	334947.62N / 1311359.20E		
	DC753	335442.44N / 1311414.70E		
	RW07	335528.81N / 1311600.47E		
١.			-	



# RJDC / YAMAGUCHI-UBE

# RNP RWY25(AR)

# **Coding Table**

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	KATTA	-	-	-8.2	-	-	+5000	-	-	-
002	TF	мотоі	-	218 (209.7)	-8.2	7.9	-	+5000	-	-	1.0
003	TF	DC650	1	263 (254.7)	-8.2	8.4	-	-	-	-	1.0
004	TF	DC551	-	341 (332.5)	-8.2	4.4	-	2300	-	-	1.0
005	TF	DC552	,	341 (332.5)	-8.2	0.9	-	2012	1	-3.00	0.3
006	RF Center: DCRF2 r=2.71NM	DC553	1	1	-8.2	4.3	L	657	1	-3.00	0.3
007	TF	RW25	Υ	250 (242.2)	-8.2	1.8	-	72	-	-3.00/50	0.3
800	FA	-	-	250 (242.2)	-8.2	-	-	+500	-	-	1.0
009	DF	мотоі	1	-	-8.2	-	L	5000	-	-	1.0

# **Waypoint Coordinates**

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
KATTA	340013.04N / 1314112.84E	DCRF2	335434.00N / 1312055.44E
МОТОІ	335323.26N / 1313630.85E		
DC650	335109.96N / 1312644.12E		
DC551	335502.02N / 1312418.38E		
DC552	335549.64N / 1312348.45E		
DC553	335657.98N / 1311924.10E		
RW25	335606.56N / 1311726.64E		



※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
2	小郡	031°T / 11.4NM	JR駅
ָ נ	Ogori	001 1 / 11. <del>4</del> 14W	Station
	丸山ダム	001°T / 7.3NM	ダム
	Maruyama Dam	001 1 / T.SINIVI	Dam
мар ириатеч.	周防大橋	042°T / 8.3NM	橋
2	Suo-ohashi	042 1 / 0.014W	Bridge
ź [	小野田	320°T / 7.3NM	高速道路インターチェンジ
<u> </u>	Onoda	320 1 / 1.314W	Interchange
	竹島	072°T / 7.5NM	島
5	Takeshima	072 1 / 7.5INIVI	Island
שאואו	本山岬	271°T / 4.9NM	岬
5	Motoyamamisaki	2111 / 4.91NIVI	Cape

