

## AD 2 AERODROMES

## RJFC AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RJFC - YAKUSHIMA

## RJFC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	302308N/1303933E 097° / 0.75km from RWY 14 THR
2	Direction and distance from (city)	74nm S of Kagoshima city
3	Elevation/ Reference temperature	122ft / 31°C(1999-2008)
4	Geoid undulation at AD ELEV PSN	To be issued later
5	MAG VAR/ Annual change	6°W (2006)
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	KAGOSHIMA PREF. PUBLIC AP. 310-1, Kosedo, Yakushima-cho, Kumage-gun, Kagoshima Pref. 891-4207 Japan TEL: 0997-43-5031 Fax: 0997-43-5941
7	Types of traffic permitted (IFR/ VFR)	IFR/VFR
8	Remarks	Nil

## RJFC AD 2.3 OPERATIONAL HOURS

1	AD Administration	2330 - 1030
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 - 1030 REMARKS : Airport Remote Mobile Communication Service provided by Kagoshima FSC.
8	Fuelling	Nil
9	Handling	2330 - 1030
10	Security	2330 - 1030
11	De-icing	Nil
12	Remarks	Nil

**RJFC AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	Not available
2	Fuel/ oil types	Nil
3	Fuelling facilities/ capacity	Nil
4	De-icing facilities	Not available
5	Hangar space for visiting aircraft	Not available
6	Repair facilities for visiting aircraft	Not available
7	Remarks	Nil

**RJFC AD 2.5 PASSENGER FACILITIES**

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

**RJFC 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
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

**RJFC AD 2.7 SEASONAL AVAILABILITY-CLEARING**

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

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

1	Apron surface and strength	Surface : Asphalt concrete    Strength: PCN 20/F/D/Y/T
2	Taxiway width, surface and strength	WIDTH 18m, Surface : Asphalt concrete    Strength:PCN 20/F/D/Y/T
3	ACL and elevation	Not available
4	VOR checkpoints	Nil
5	INS checkpoints	Nil
6	Remarks	Nil

**RJFC 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	RWY: (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe (LGT) REDL, RTHL, RENL, RWY DIST marker LGT  TWY: (Marking) TWY CL, RWY HLDG PSN, TWY side stripe (LGT) TWY edge LGT
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area (LGT) Apron flood LGT

**RJFC AD 2.10 AERODROME OBSTACLES**

■ In Area2    See Obstacle data

■ In Area3    To be developed

## RJFC 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> /Tr, 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	REMOTE
10	Additional information (limitation of service, etc.)	Nil

## RJFC 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
14	133.87°	1500x45	PCN 18/F/B/Y/T Asphalt	To be issued later	THR ELEV: 112ft
32	313.87°	1500x45	PCN 18/F/B/Y/T Asphalt		THR ELEV: 124ft
Slope of RWY		Strip Dimensions(M)	RESA(Overrun) Dimensions(M)	Remarks	
7		10	11	14	
See AD 2.24 AD Chart		1620x150	50x150	RWY Grooving 1500x30m	
See AD 2.24 AD Chart		1620x150	50x150	RWY Grooving 1500x30m	

## RJFC AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
14	1500	1500	1500	1500	Nil
32	1500	1500	1500	1500	Nil

## RJFC 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
14	Nil	Green	PAPI 3.0°/Left 253m 45ft	Nil	Nil	1500m 60m Coded color (White/Yellow) LIH	Red	Nil (*1)
32	Nil	Green	PAPI 3.0°/Left 296m 45ft	Nil	Nil	1500m 60m Coded color (White/Yellow) LIH	Red	Nil (*1)
Remarks								
10								
(*1)Overrun area edge LGT(LEN:60m Color:Red) RWY THR ID LGT for RWY 14/32 THR								

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

1	ABN/IBN location, characteristics and hours of operation	ABN: 302257N/1303932E, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI: Nil Anemometer: RWY32 : 20m from RWY 32 THR RWY14: 20m outside from RWY 14 THR
3	TWY edge and centerline lighting	TWY edge LGT: Blue
4	Secondary power supply/ switch-over time	Within 15 sec: ABN, PAPI, RWY THR ID LGT, REDL, RENL, RTHL, TWY edge LGT, RWY DIST marker LGT, WDI LGT, Overrun area edge LGT, Apron flood LGT
5	Remarks	WDI LGT

**RJFC AD 2.16 HELICOPTER LANDING AREA**

Nil
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**RJFC 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
Yakushima Information Zone	Area within a radius of 5nm(9km) of Yakushima ARP	3,000 or below	E	Yakushima Remote En	

**RJFC AD 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
A/G	Yakushima Remote	118.65MHz	2330 - 1030	Remote Air Ground Facilities controlled by Kagoshima FSC

## RJFC 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/2018)	YKE	117.0MHz	2330 - 1030	302246.01N 1303945.78E		VOR Unusable: 210° -240° beyond 10nm BLW 9,000ft. 240° -250° beyond 5nm BLW 9,000ft. 250° -290° beyond 10nm BLW 9,000ft.
DME	YKE	1204MHz (CH-117X)	2330 - 1030	302246.01N 1303945.78E	189ft	DME Unusable: 160° -190° beyond 20nm BLW 3,000ft. 210° -230° beyond 10nm BLW 9,000ft. 230° -270° beyond 5nm BLW 9,000ft. 270° -290° beyond 10nm BLW 9,000ft.
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based

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**RJFC AD 2.20 LOCAL TRAFFIC REGULATIONS**

## 1. Airport regulations

Nil
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## 2. Taxiing to and from stands

Nil
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## 3. Parking area for small aircraft(General aviation)

Nil
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## 4. Parking area for helicopters

Nil
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## 5. Apron - taxiing during winter conditions

Nil
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## 6. Taxiing - limitations

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

Nil
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## 8. Helicopter traffic - limitation

Nil
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## 9. Removal of disabled aircraft from runways

Nil
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**RJFC AD 2.21 NOISE ABATEMENT PROCEDURES**

Nil

**RJFC AD 2.22 FLIGHT PROCEDURES****1.TAKE OFF MINIMA**

	RWY	REDL AVBL	REDL OUT
		CEIL-VIS	CEIL-VIS
TKOF ALTN AP FILED	14	300'-1600m	300'-1600m
	32	300'-1600m	300'-1600m
OTHER	14	AVBL LDG MINIMA	
	32		

NOTE: SIDs are designed in accordance with provisional standards for FLIGHT PROCEDURE DESIGN.

**2. TAKE OFF MINIMA for RNAV DEPARTURE**

	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAYTIME ONLY)	
			CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS
Multi-Engine ACFT with TKOF ALTN AP FILED	14	A,B,C	-	-	-	200'-2400m	-	200'-2400m
	32	A,B,C	-	-	-	200'-1600m	-	200'-1600m
OTHER	14	A,B,C	AVBL LDG MINIMA					
	32							

**RJFC AD 2.23 ADDITIONAL INFORMATION**

Nil

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

Aerodrome/Heliport Chart  
 Standard Departure Chart - Instrument (NAKATANE, KAGOSHIMA)\*  
 Standard Departure Chart - Instrument (AMMON-RNAV)  
 Standard Departure Chart - Instrument (SURF-RNAV)  
 Standard Arrival Chart - Instrument\*  
 Instrument Approach Chart (VOR RWY32)\*  
 Instrument Approach Chart (VOR A)\*  
 Instrument Approach Chart (RNAV(GNSS) RWY14)  
 Other Chart (Visual REP)  
 Other Chart (MVA CHART)

\*: Designed in accordance with provisional standards for FLIGHT PROCEDURE DESIGN.

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RJFC / YAKUSHIMA

AD CHART



STANDARD DEPARTURE CHART-INSTRUMENT

RJFC / YAKUSHIMA

SID

NAKATANE THREE DEPARTURE

RWY14 : Turn left,...

RWY32 : Turn right,...

...climb via YKE R058 to TGE VOR/DME.

Cross TGE VOR/DME at or above 6000FT.

NOTE : When take off RWY14/(32), following climb gradient should be maintain until 600FT(200FT).

Speed (Knots)	60	90	120	150	180	210
Rate (Feet/Min)	300	450	600	750	900	1050

KAGOSHIMA SEVEN DEPARTURE

RWY14 : Turn left,...

RWY32 : Turn right,...

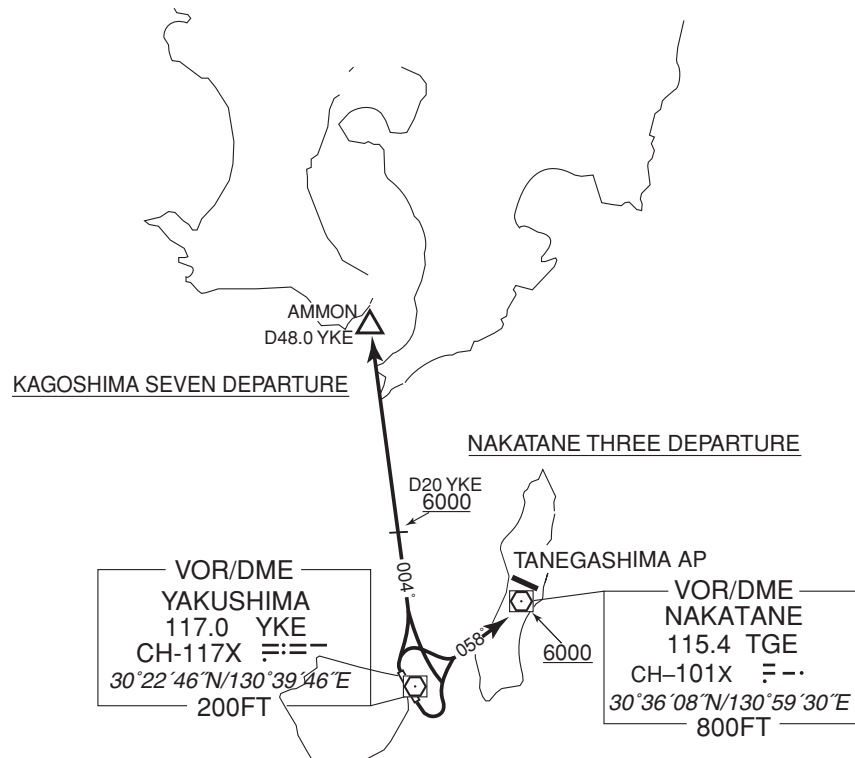
...climb via YKE R004 to AMMON.

Cross YKE R004/20DME at or above 6000FT.

NOTE : When take off RWY14/(32), following climb gradient should be maintain until 600FT(200FT).

Speed (Knots)	60	90	120	150	180	210
Rate (Feet/Min)	300	450	600	750	900	1050

CHANGE : SID renamed



## STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA

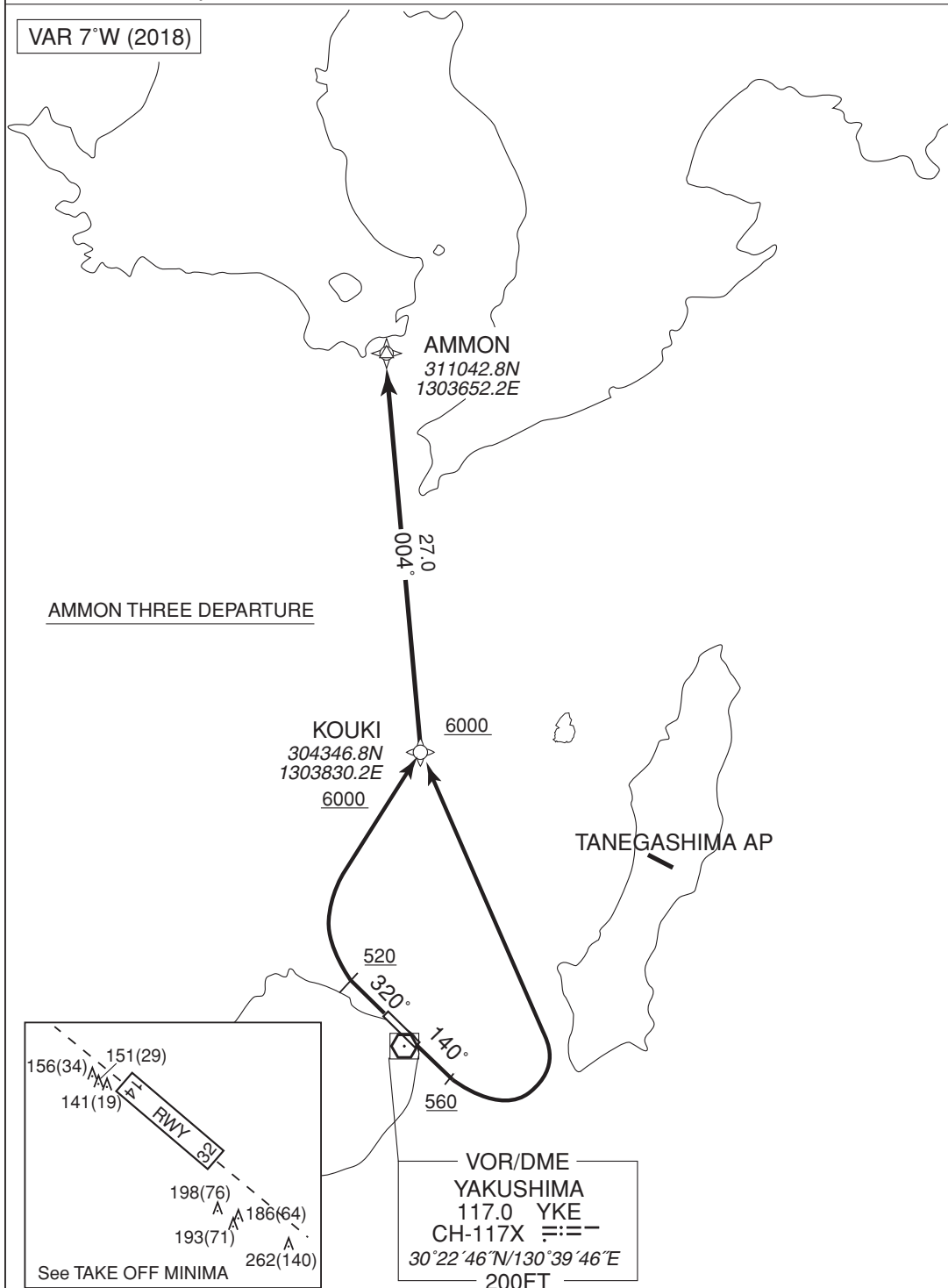
RNAV SID

## AMMON THREE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 7°W (2018)



## AMMON THREE DEPARTURE

RWY14 : Climb on HDG 140° at or above 560FT, turn left direct to KOUKI at or above 6000FT, to AMMON.

RWY32 : Climb on HDG 320° at or above 520FT, turn right direct to KOUKI at or above 6000FT, to AMMON.

CHANGE : SID renamed, VAR

## STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA

RNAV SID

AMMON THREE DEPARTURE

## RWY14

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	—	—	140 (133.9)	-6.5	—	—	+560	—	—	Basic RNP1
002	DF	KOUKI	—	—	-6.5	—	L	+6000	—	—	Basic RNP1
003	TF	AMMON	—	004 (357.0)	-6.5	27.0	—	—	—	—	Basic RNP1

## RWY32

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	—	—	320 (313.9)	-6.5	—	—	+520	—	—	Basic RNP1
002	DF	KOUKI	—	—	-6.5	—	R	+6000	—	—	Basic RNP1
003	TF	AMMON	—	004 (357.0)	-6.5	27.0	—	—	—	—	Basic RNP1

CHANGE : SID renamed, Course

STANDARD DEPARTURE CHART -INSTRUMENT



## STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA

RNAV SID

SURF ONE DEPARTURE

## RWY14

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	—	—	140 (133.9)	-6.5	—	—	+560	—	—	Basic RNP1
002	DF	TGE	—	—	-6.5	—	L	—	—	—	Basic RNP1

## RWY32

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	—	—	320 (313.9)	-6.5	—	—	+520	—	—	Basic RNP1
002	DF	TGE	—	—	-6.5	—	R	—	—	—	Basic RNP1

CHANGE : SID renamed



STANDARD ARRIVAL CHART-INSTRUMENT

RJFC / YAKUSHIMA

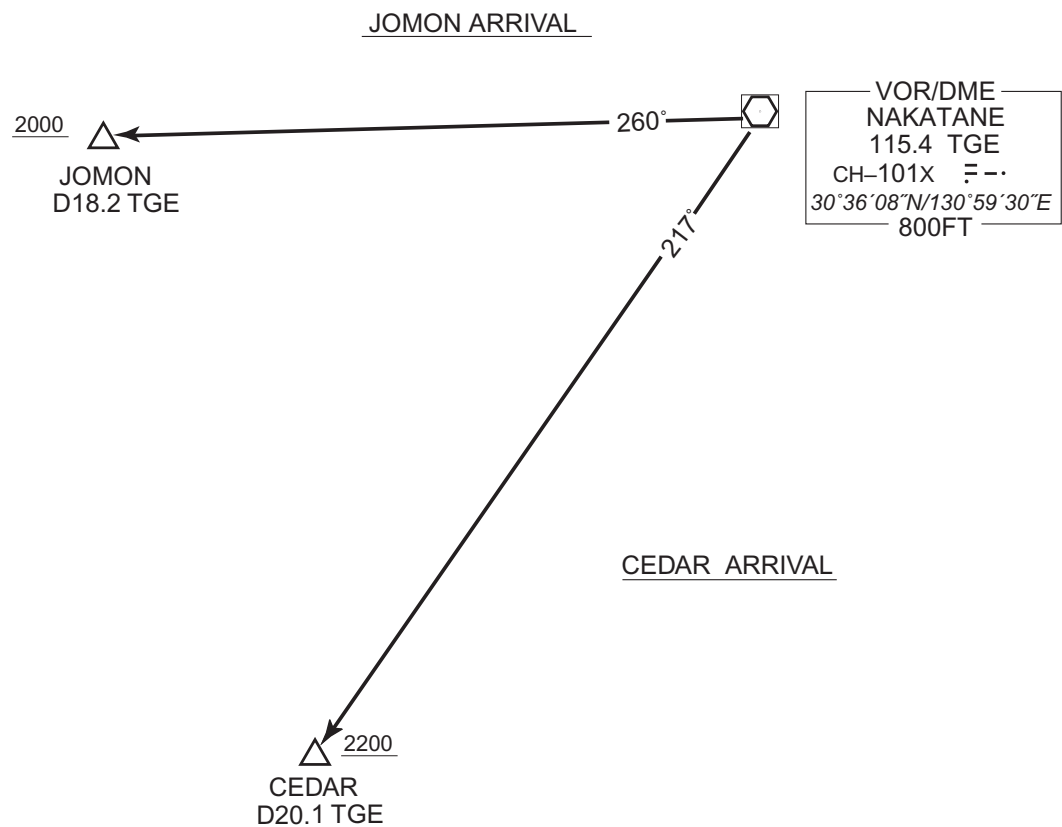
STAR

JOMON ARRIVAL

From over TGE VOR/DME, via TGE R260 to JOMON.  
Cross JOMON at or above 2000 FT.

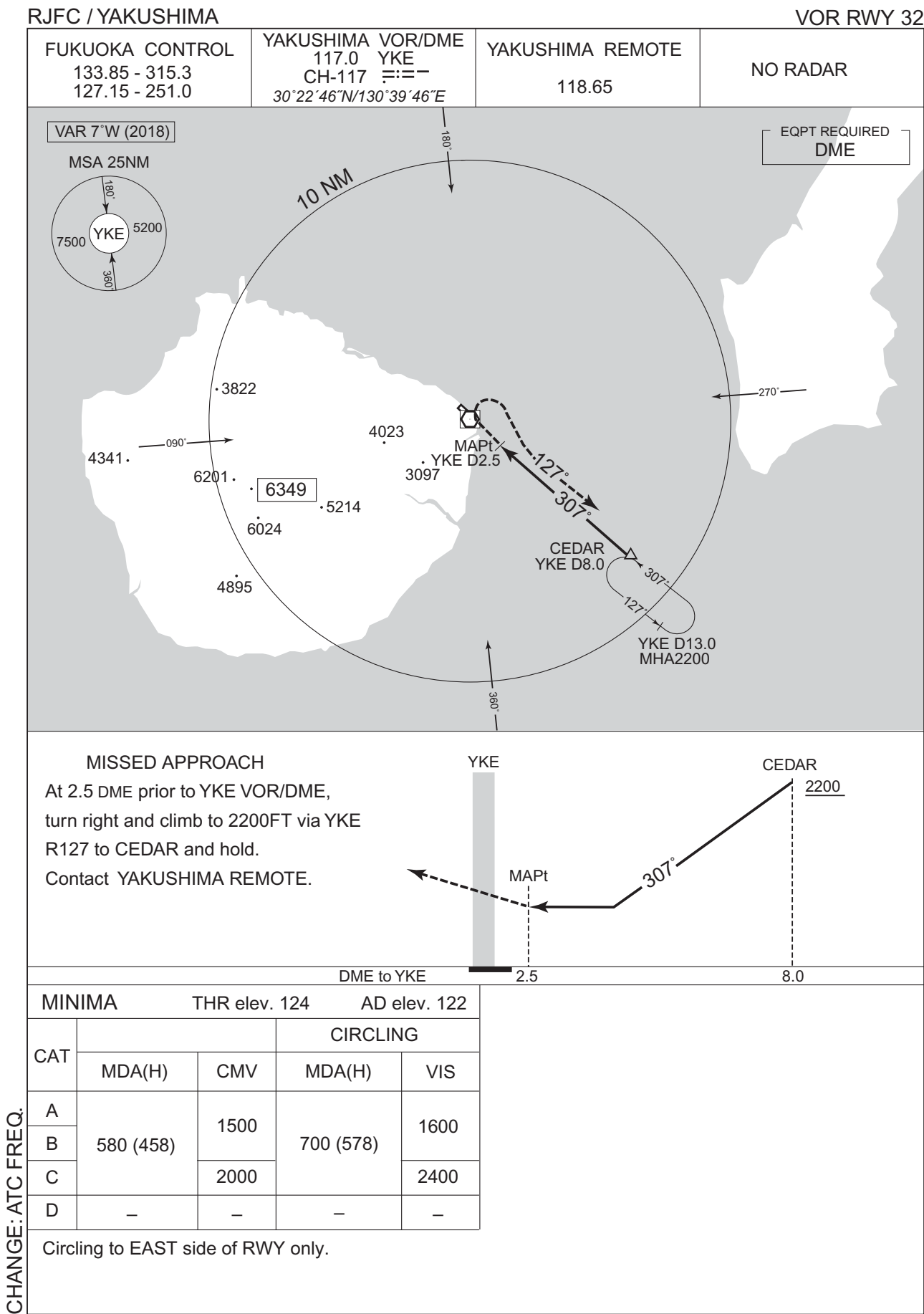
CEDAR ARRIVAL

From over TGE VOR/DME, via TGE R217 to CEDAR.  
Cross CEDAR at or above 2200 FT.



CHANGE : Radial and distance FM TGE.

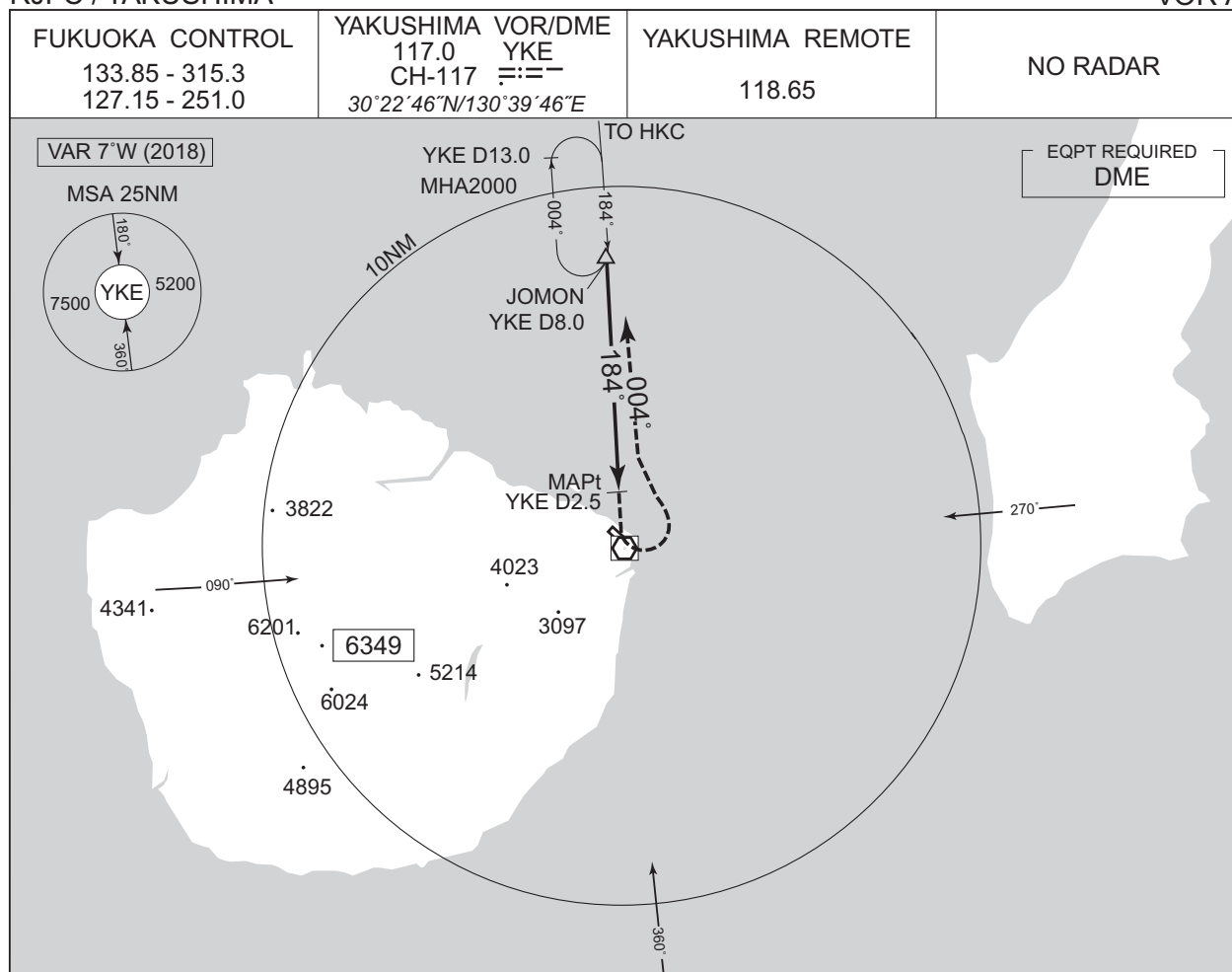
INSTRUMENT APPROACH CHART



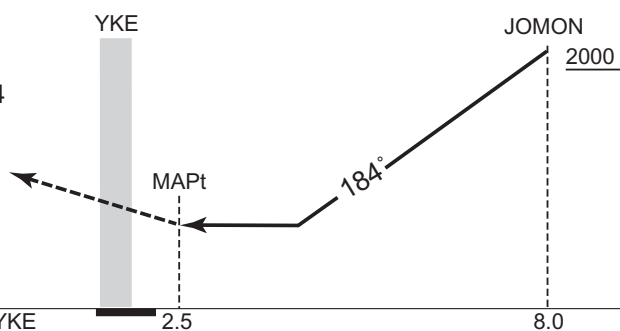
## INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

VOR A

**MISSED APPROACH**

At 2.5DME prior to YKE VOR/DME,  
turn left and climb to 2000FT via YKE R004  
to JOMON and hold.  
Contact YAKUSHIMA REMOTE.



DME to YKE

2.5

8.0

**MINIMA**

AD elev. 122

CAT	CIRCLING	
	MDA(H)	VIS
A	700 (578)	1600
B		2400
C		
D	—	—

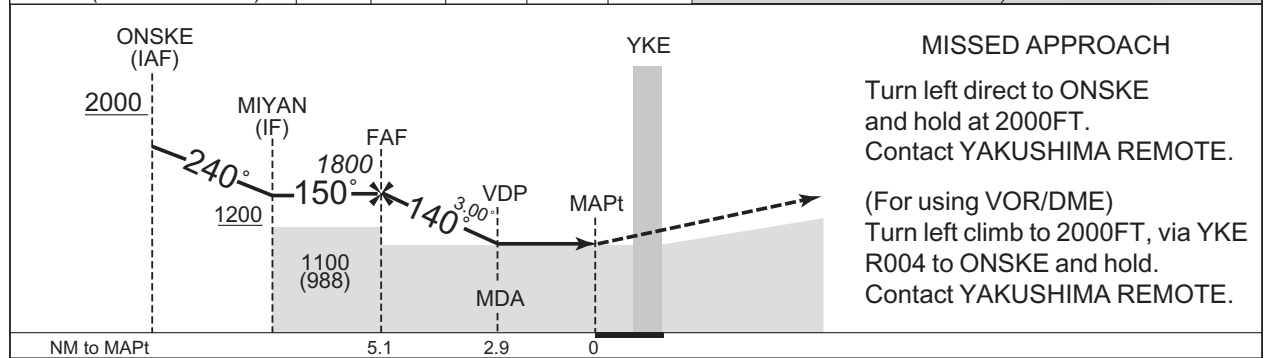
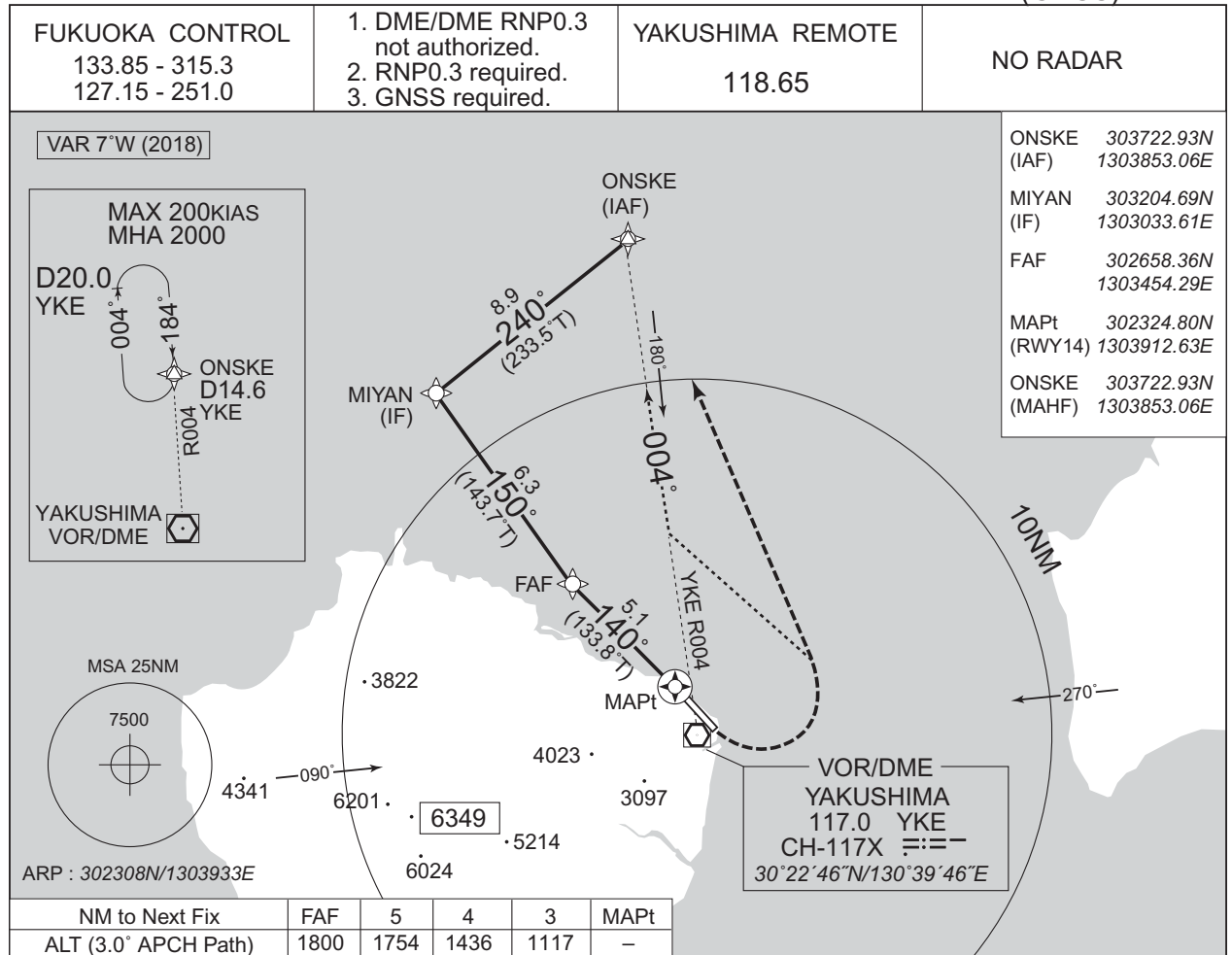
Circling to EAST side of RWY only.

CHANGE: ATC FREQ.

INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

RNAV(GNSS) RWY14



**MISSED APPROACH**

Turn left direct to ONSKE  
and hold at 2000FT.  
Contact YAKUSHIMA REMOTE.

(For using VOR/DME)  
Turn left climb to 2000FT, via YKE  
R004 to ONSKE and hold.  
Contact YAKUSHIMA REMOTE.

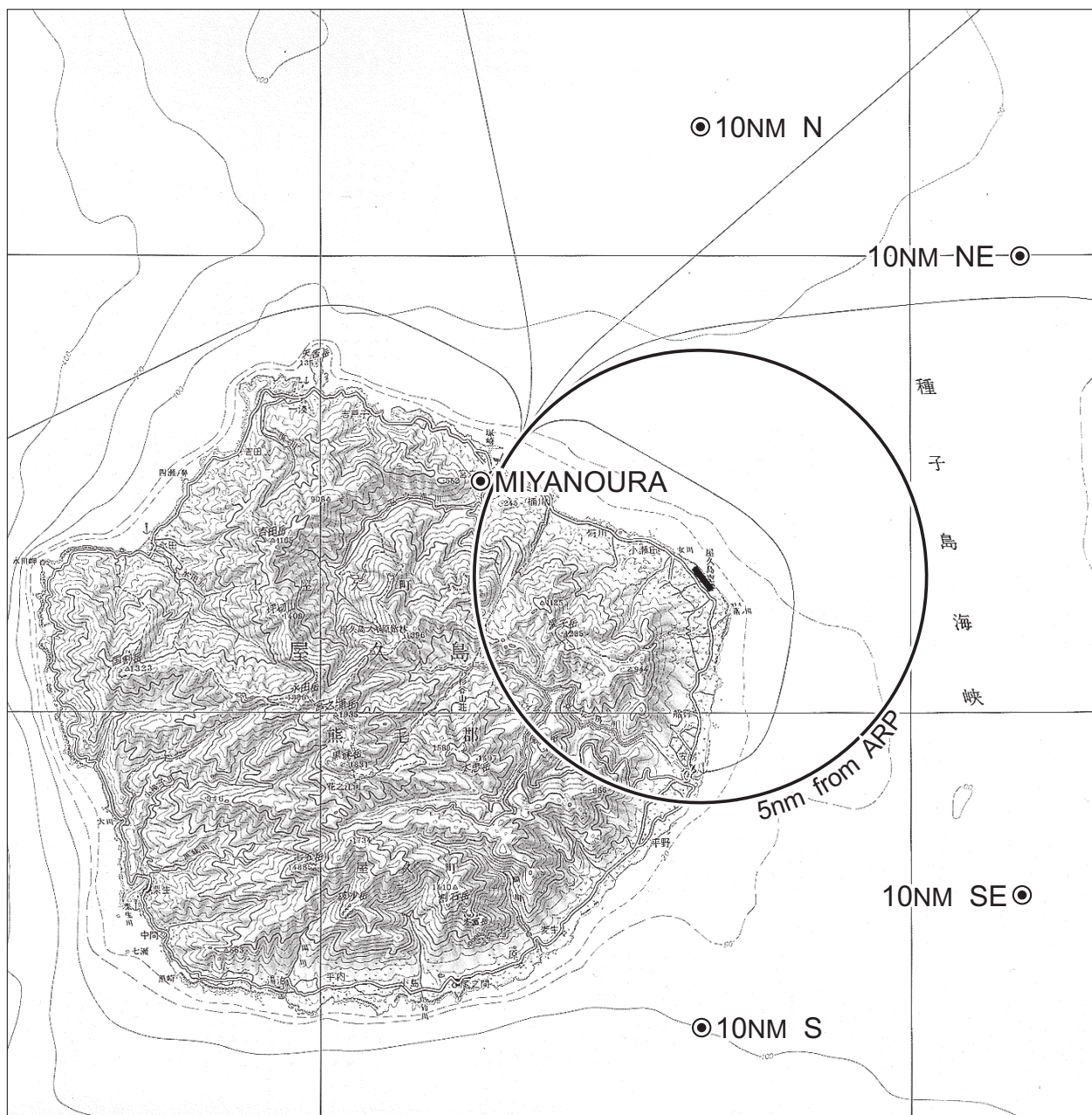
CHANGE: ATC FREQ.

MINIMA		THR elev. 112	AD elev. 122	
CAT	LNAV		CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	1030 (918)	1500	1030 (908)	1600
B				2400
C		2000		
D				

Circling to EAST side of RWY only.

RJFC / YAKUSHIMA

Visual REP



Note : A/G COM from Kagoshima FSC is blinded between 180° and 300° from Yakushima VOR/DME (YKE).

Call sign	BRG / DIST from ARP	Remarks
10NM N	000°/10NM	海上 Over the sea
10NM NE	045°/10NM	海上 Over the sea
10NM SE	135°/10NM	海上 Over the sea
10NM S	180°/10NM	海上 Over the sea
宮之浦 Miyanoura	300°/5.5NM	港 Harbor

RJFC / YAKUSHIMA

Minimum Vectoring Altitude CHART



CENTER : 302308N/1303933E (ARP)

\* : 302013N/1302957E RADIUS : 10NM