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	7°W (2021) / 5'W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	KAGOSHIMA PREF. PUBLIC AP. 310-1, Koseda, 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 : AFIS provided by Kagoshima Airport Office.
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, taxies
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 maker 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_6, U_{85}, U_7, U_5, U_3, U_{25}, U_2/Tr, P_S, P_5, P_3, P_{25}, P_{SWE}, P_{SWF}, P_{SWG}, P_{SWI}, P_{SWM}, P_{SW} (domestic), E, C, W_E, W_F, W_G, W_I, 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

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°	1500×45	PCN 18/F/B/Y/T Asphalt	To be issued later	THR ELEV: 112ft
32	313.87°	1500×45	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	1620×150	50x150	RWY Grooving 1500×30m
See AD 2.24 AD Chart	1620×150	50x150	RWY Grooving 1500×30m

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 : 369m from RWY 32 THR RWY14: 380m 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

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 Radio En	

RJFC AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	Yakushima Radio	118.65MHz	2330 - 1030	Operated by Kagoshima Airport Office

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

RJFC 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

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 (RNP RWY14)
Other Chart (Visual REP)
Other Chart (MVA CHART)

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

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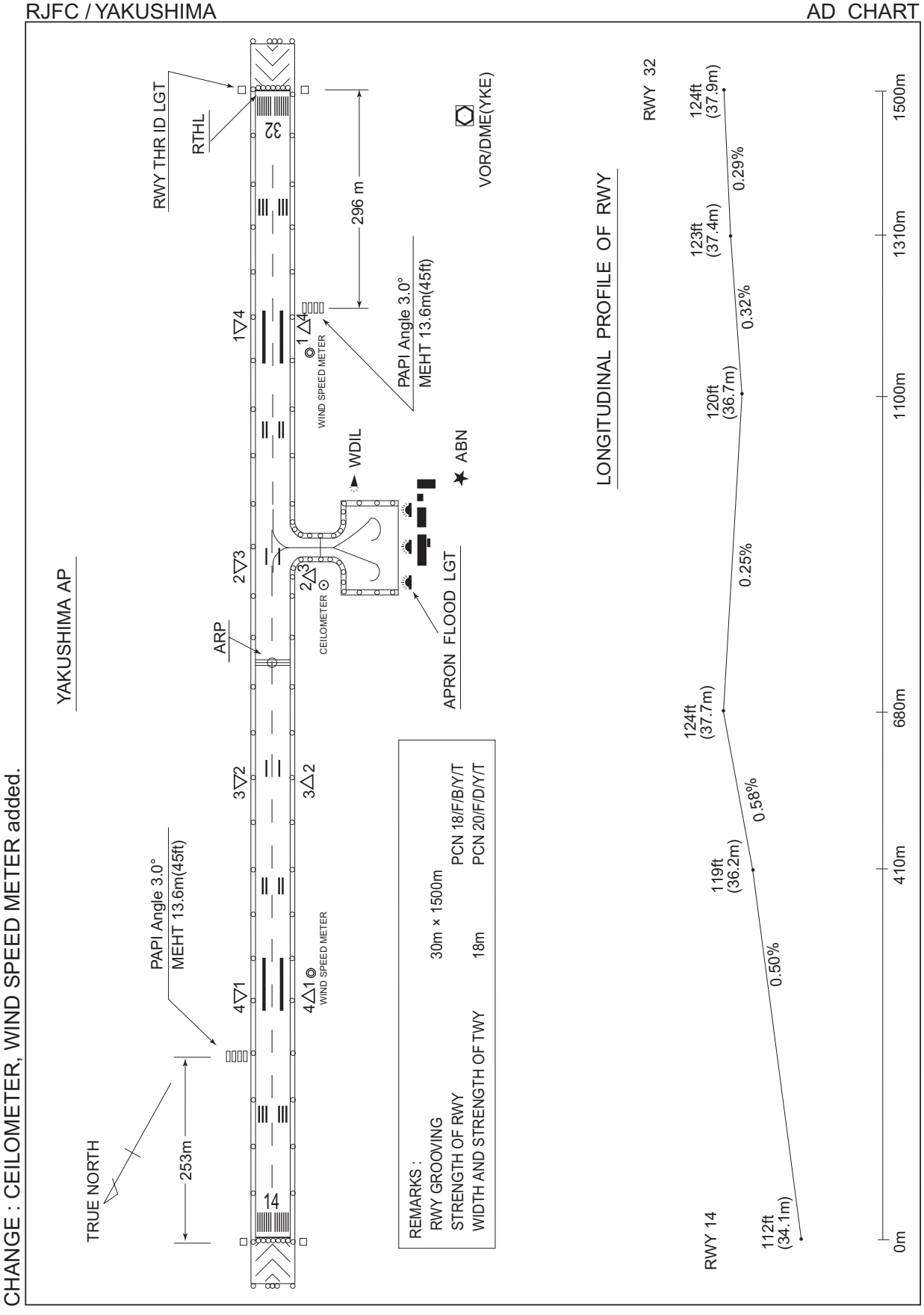

RJFC / YAKUSHIMA
AD CHART
CHANGE : CEILOMETER, WIND SPEED METER added.
YAKUSHIMA AP
RWY THR ID LGT
RTHL
32
296 m
VOR/DME(YKE)
PAPI Angle 3.0°
MEHT 13.6m(45ft)
1▽4
1△4
WIND SPEED METER
WDIL
ABN
2▽3
2△3
CEILOMETER
ARP
APRON FLOOD LGT
3▽2
3△2
PAPI Angle 3.0°
MEHT 13.6m(45ft)
4▽1
4△1
WIND SPEED METER
253m
TRUE NORTH
14
REMARKS :
RWY GROOVING
STRENGTH OF RWY
WIDTH AND STRENGTH OF TWY
30m × 1500m
18m
PCN 18/F/B/Y/T
PCN 20/F/D/Y/T
LONGITUDINAL PROFILE OF RWY
RWY 32
RWY 14
124ft (37.9m)
123ft (37.4m)
120ft (36.7m)
124ft (37.7m)
119ft (36.2m)
112ft (34.1m)
0.29%
0.32%
0.25%
0.58%
0.50%
0m
410m
680m
1100m
1310m
1500m

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).

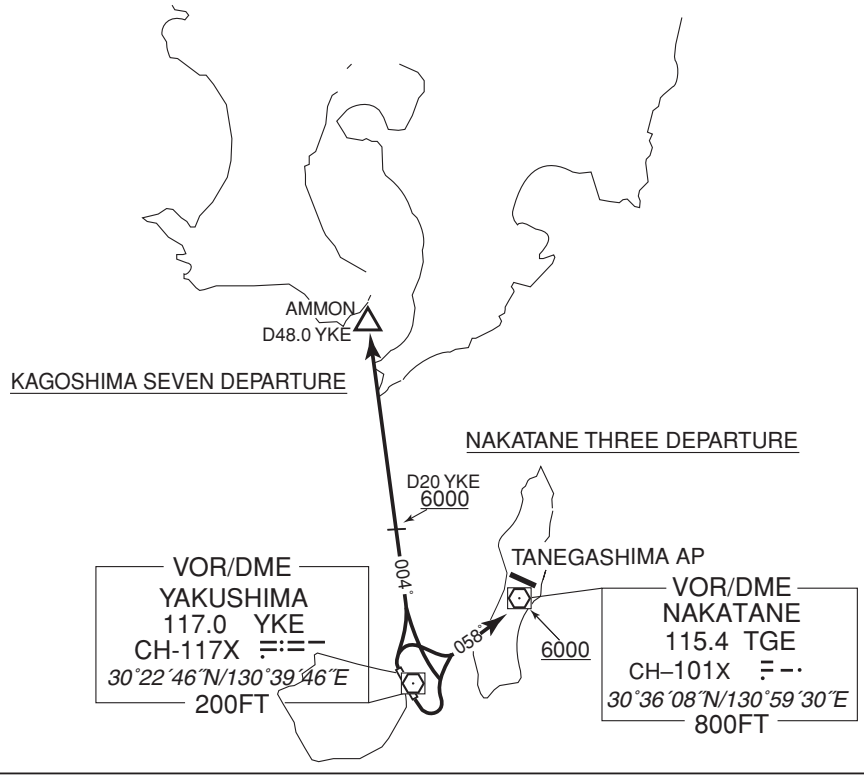
Speed (Knots)	60	90	120	150	180	210
Rate (Feet/Min)	300	450	600	750	900	1050

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



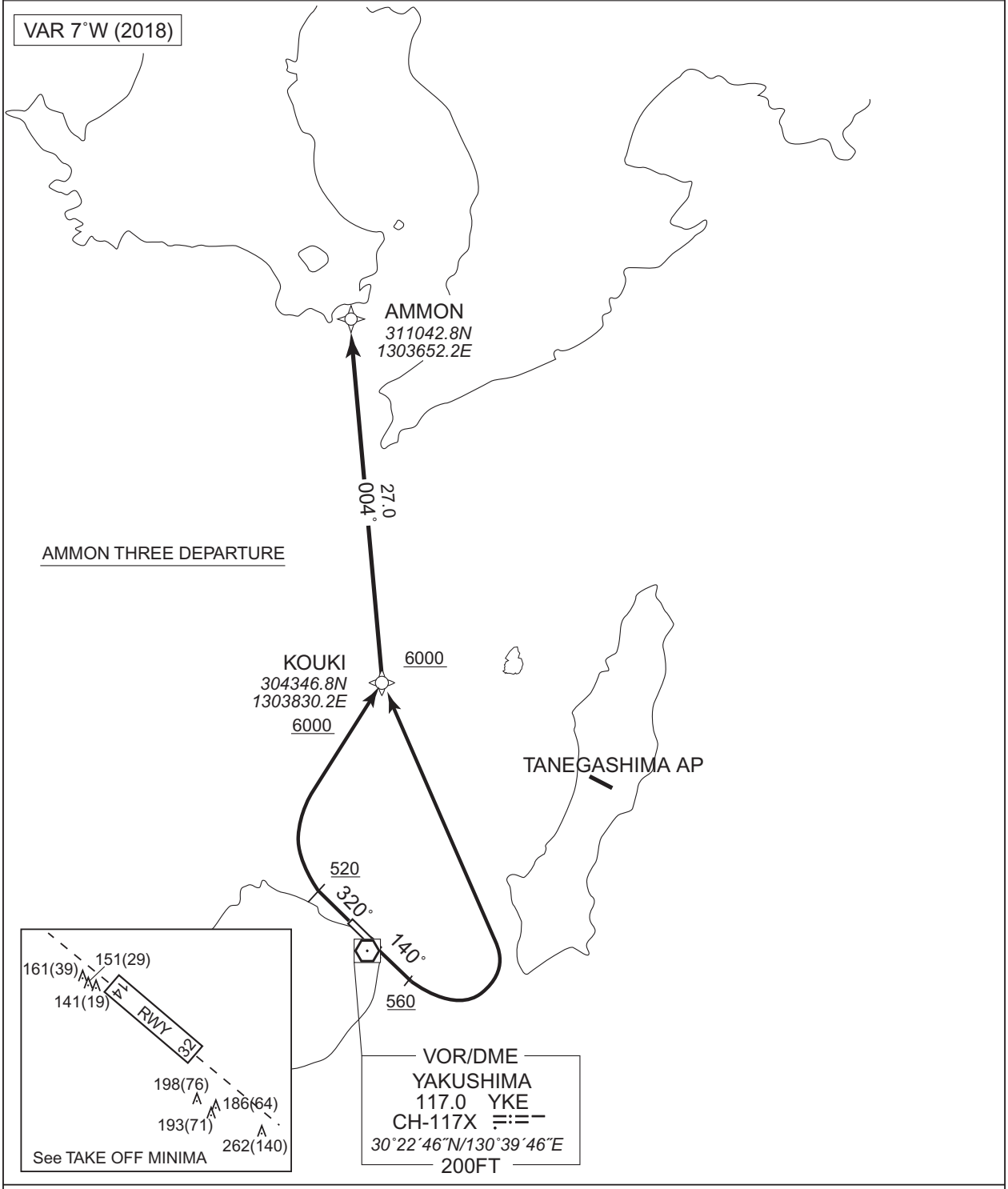
CHANGE : SID renamed

STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA — RNAV SID

AMMON THREE DEPARTURE	Basic RNP1

Note GNSS required.



CHANGE : OBST HGT of RWY14 THR side.

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.

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

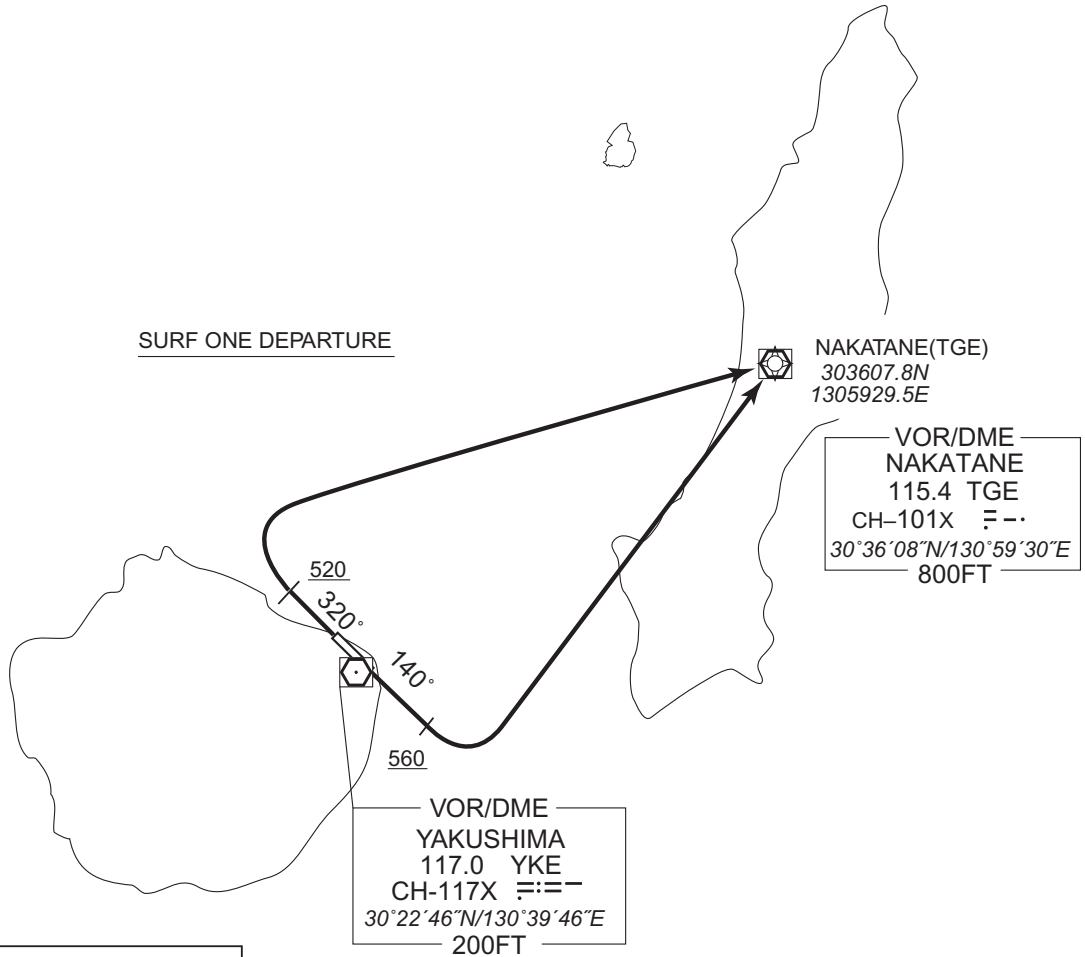
STANDARD DEPARTURE CHART -INSTRUMENT

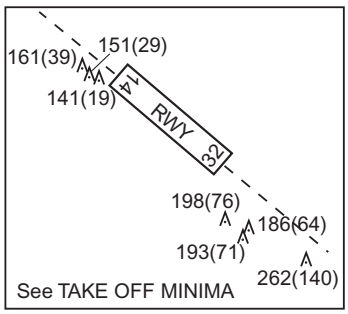
RJFC / YAKUSHIMA RNAV SID

SURF ONE DEPARTURE	Basic RNP1

Note GNSS required.

VAR 7˚W (2018)





CHANGE : OBST HGT of RWY14 THR side.

SURF ONE DEPARTURE

RWY14 : Climb on HDG 140˚ at or above 560FT, turn left direct to TGE.
RWY32 : Climb on HDG 320˚ at or above 520FT, turn right direct to TGE.

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

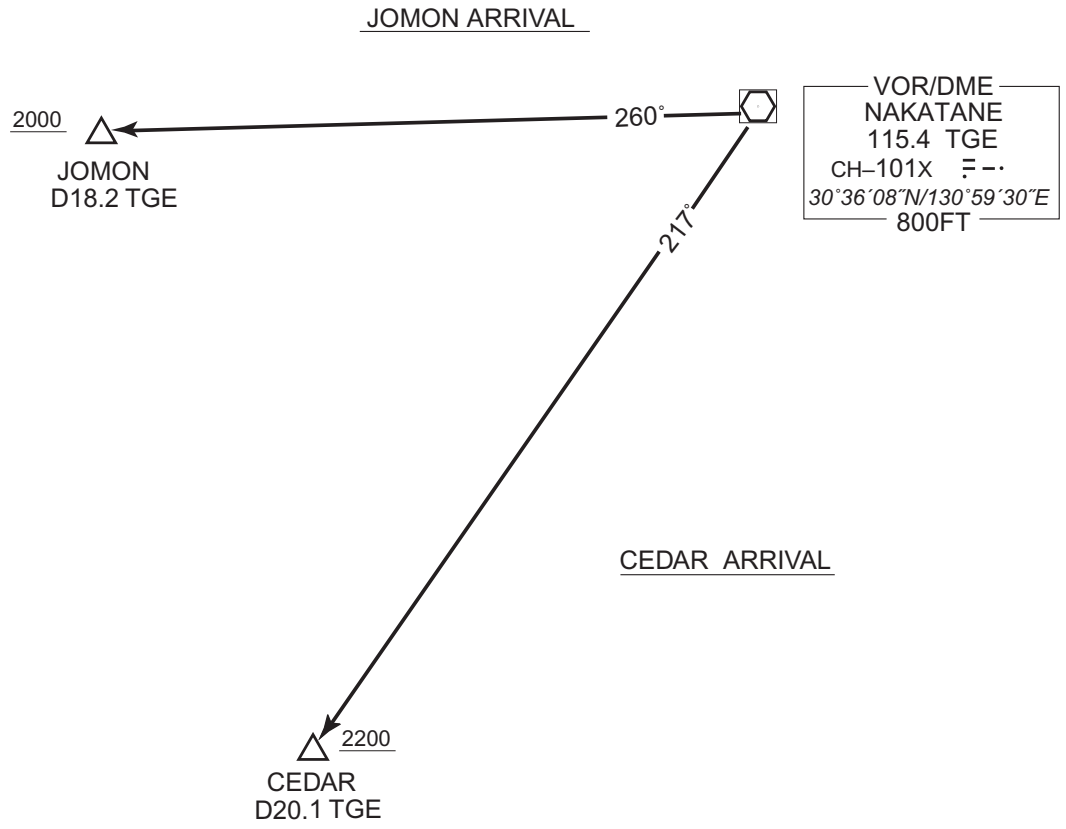
RJFC / YAKUSHIMA STAR

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.



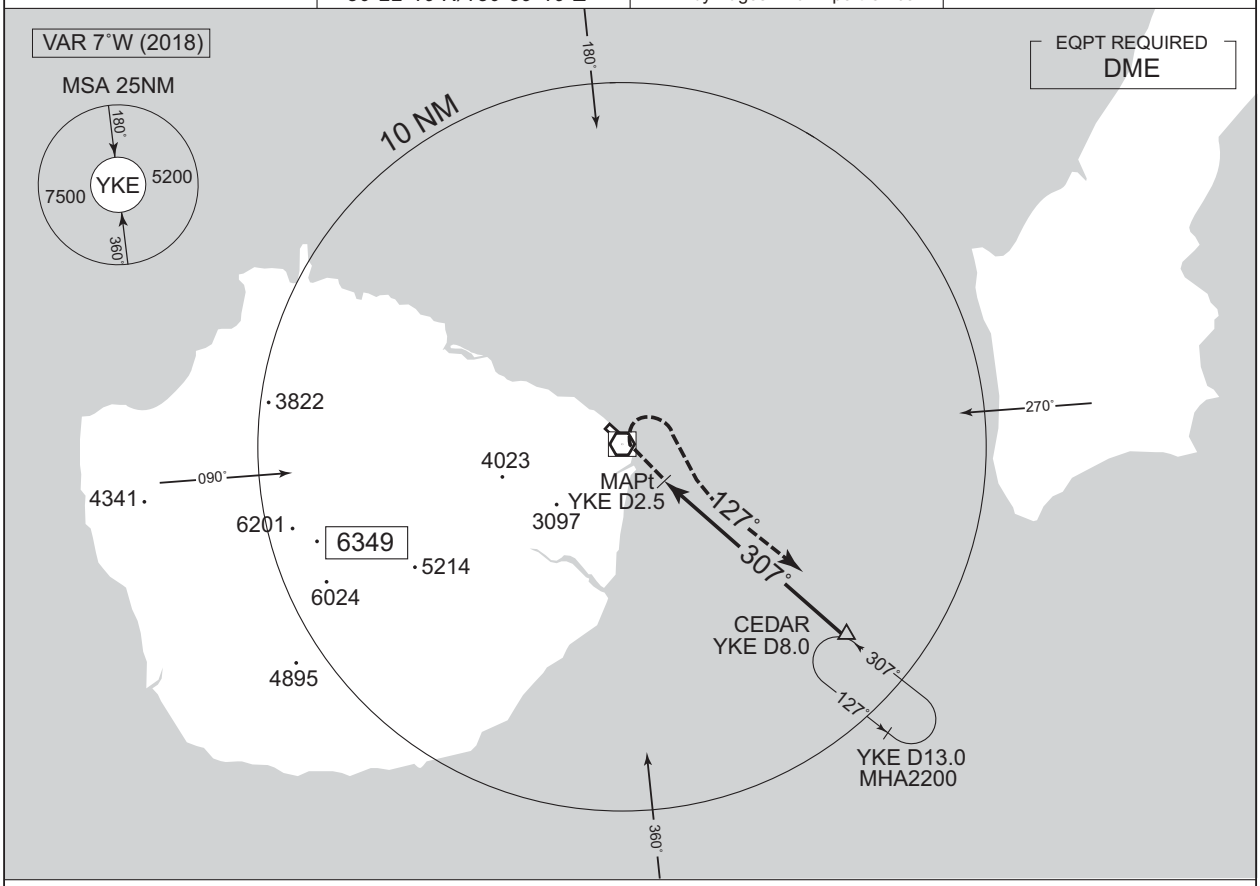
CHANGE : Radial and distance FM TGE.

INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

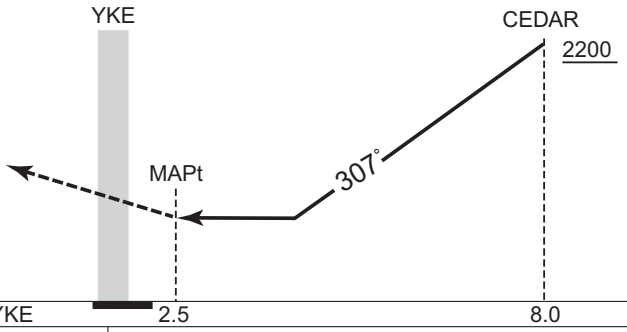
VOR RWY 32

KOBE CONTROL	YAKUSHIMA VOR/DME	YAKUSHIMA RADIO	NO RADAR
133.85 - 315.3 127.15 - 251.0	117.0 YKE CH-117 *30°22′46″N/130°39′46″E*	118.65 AFIS provided by Kagoshima Airport Office	



MISSED APPROACH

At 2.5 DME prior to YKE VOR/DME,
turn right and climb to 2200FT via YKE
R127 to CEDAR and hold.
Contact YAKUSHIMA RADIO.



MINIMA THR elev. 124 AD elev. 122

CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	580 (458)	1500	700 (578)	1600
B				
C		2000		2400
D	–	–	–	–

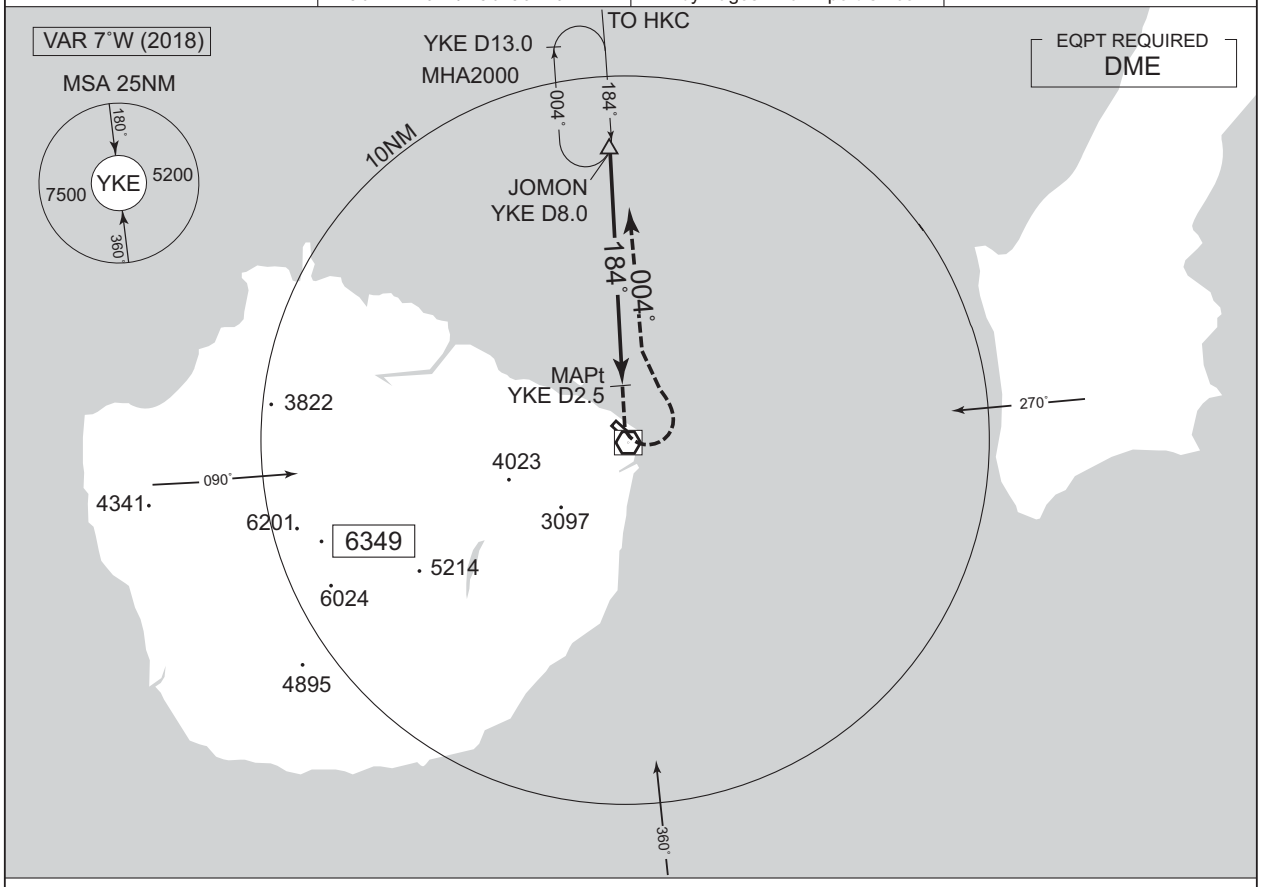
Circling to EAST side of RWY only.

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

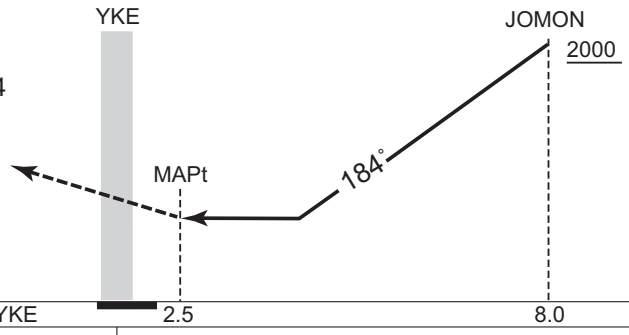
INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA VOR A

KOBE CONTROL	YAKUSHIMA VOR/DME	YAKUSHIMA RADIO	NO RADAR
133.85 - 315.3 127.15 - 251.0	117.0 YKE CH-117 *30°22′46″N/130°39′46″E*	118.65 AFIS provided by Kagoshima Airport Office	



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 RADIO.



MINIMA AD elev. 122

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

Circling to EAST side of RWY only.

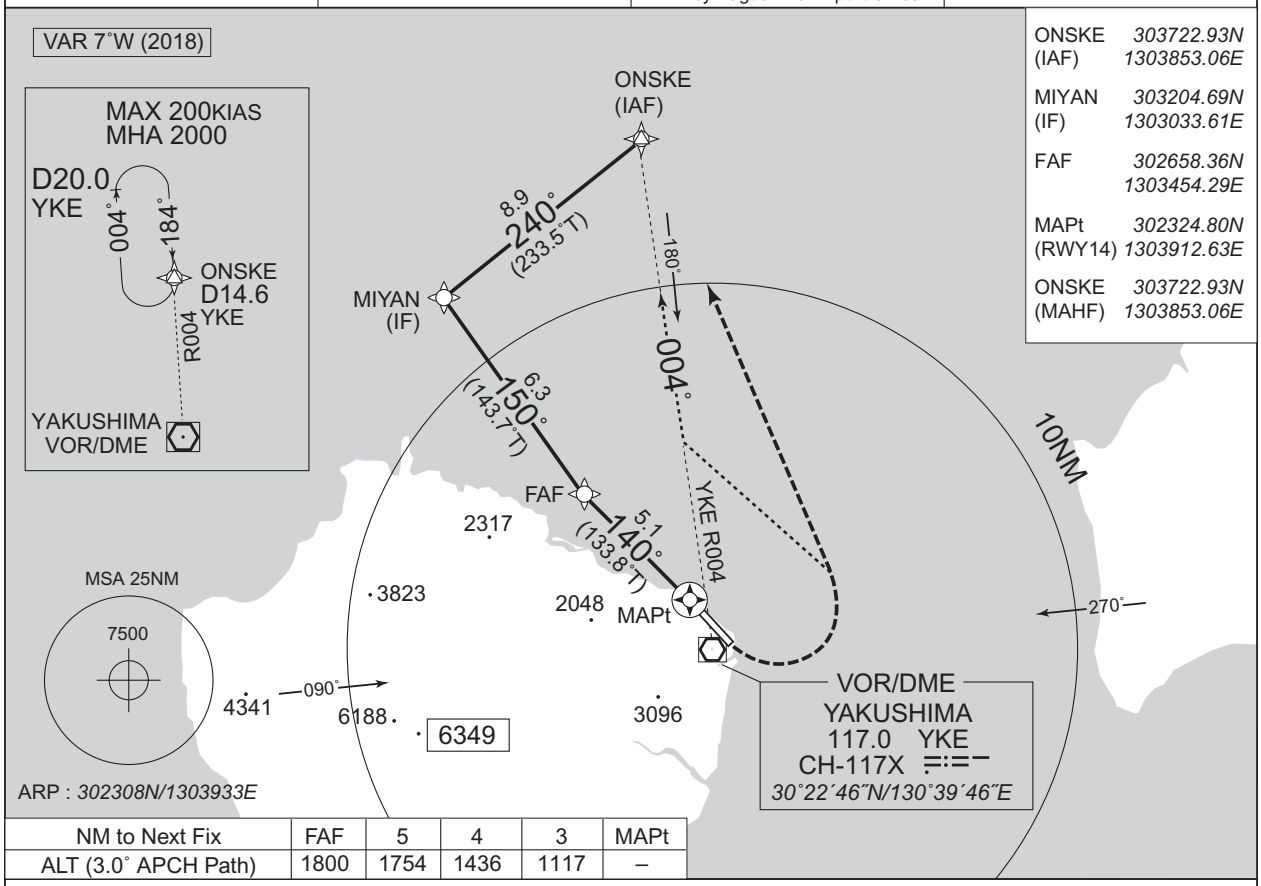
CHANGE: Call sign(REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

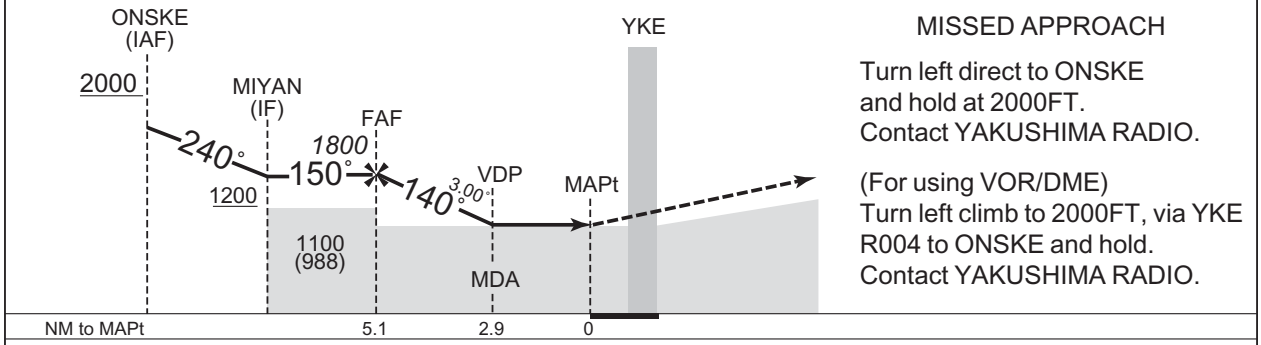
RNP RWY14

KOBE CONTROL 133.85 - 315.3 127.15 - 251.0	RNP APCH	YAKUSHIMA RADIO 118.65 AFIS provided by Kagoshima Airport Office	NO RADAR



ONSKE (IAF)	303722.93N 1303853.06E
MIYAN (IF)	303204.69N 1303033.61E
FAF	302658.36N 1303454.29E
MAPt (RWY14)	302324.80N 1303912.63E
ONSKE (MAHF)	303722.93N 1303853.06E

NM to Next Fix	FAF	5	4	3	MAPt
ALT (3.0° APCH Path)	1800	1754	1436	1117	–



MISSED APPROACH

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

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

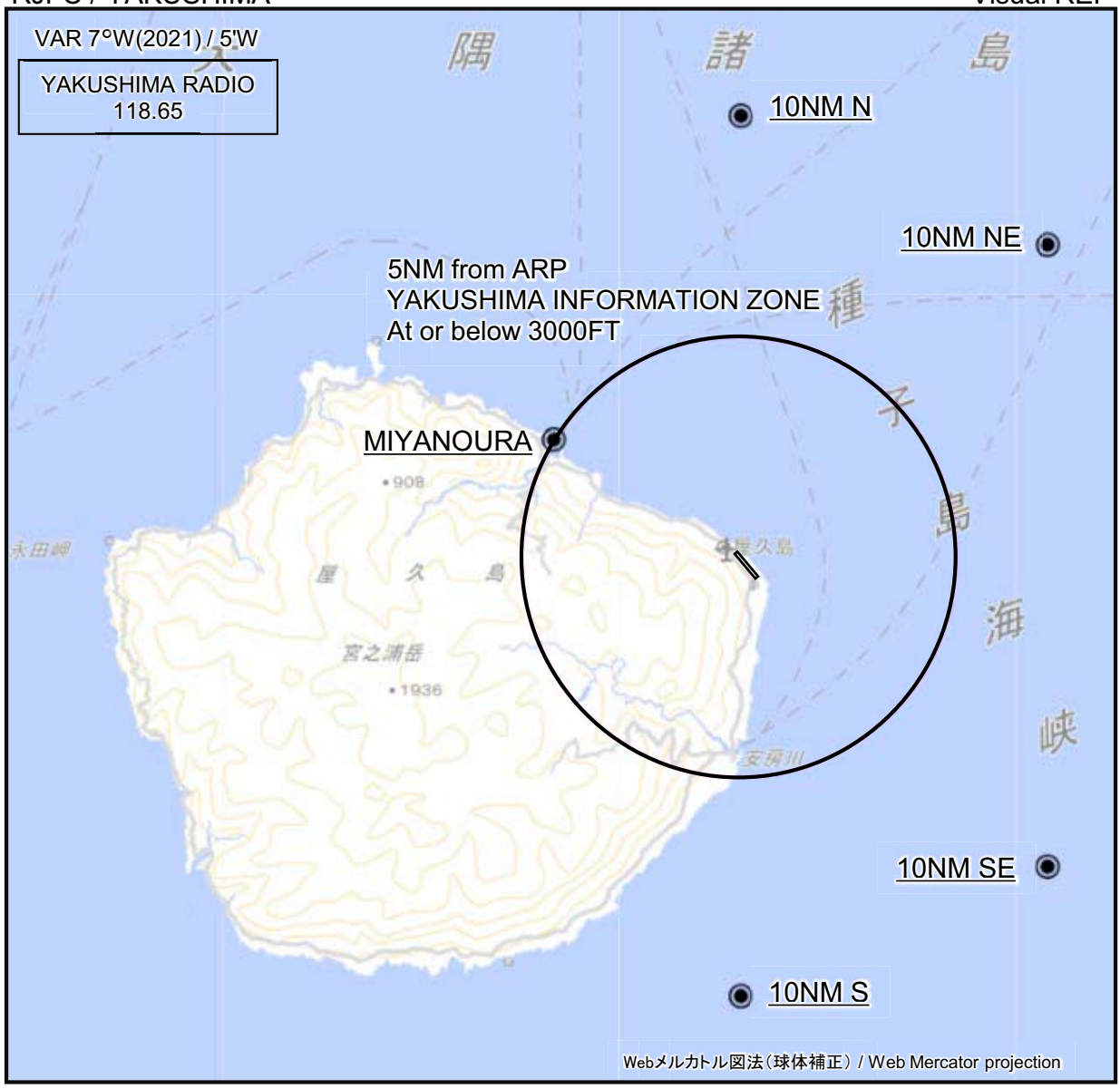
MINIMA THR elev. 112 AD elev. 122

CAT	LNAV		CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	1030 (918)	1500	1030 (908)	1600
B				
C		2000		2400
D				3200

Circling to EAST side of RWY only.

CHANGE:PROC renamed. Requirement for RNP.

RJFC / YAKUSHIMA Visual REP



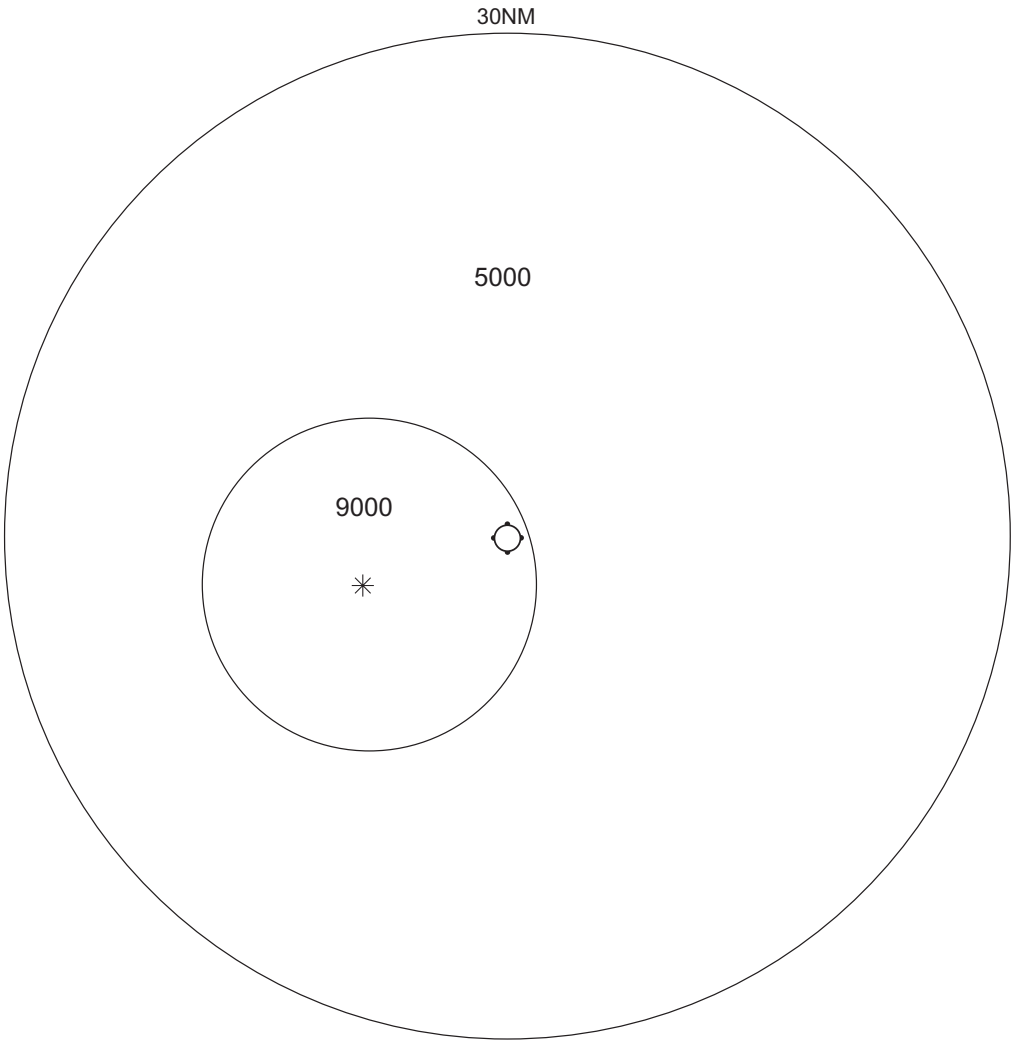
※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

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

CHANGE : VAR.

Call sign	BRG / DIST from ARP	Remarks
10NM N	000°T / 10.0NM	海上 Over the sea
10NM NE	045°T / 10.0NM	海上 Over the sea
宮之浦 Miyanoura	302°T / 5.0NM	港 Harbor
10NM SE	135°T / 10.0NM	海上 Over the sea
10NM S	180°T / 10.0NM	海上 Over the sea

RJFC / YAKUSHIMA Minimum Vectoring Altitude CHART



CENTER : *302308N/1303933E* (ARP)

✳ : *302013N/1302957E* RADIUS : 10NM

CHANGE : Minimum vectoring altitude(6000→5000).