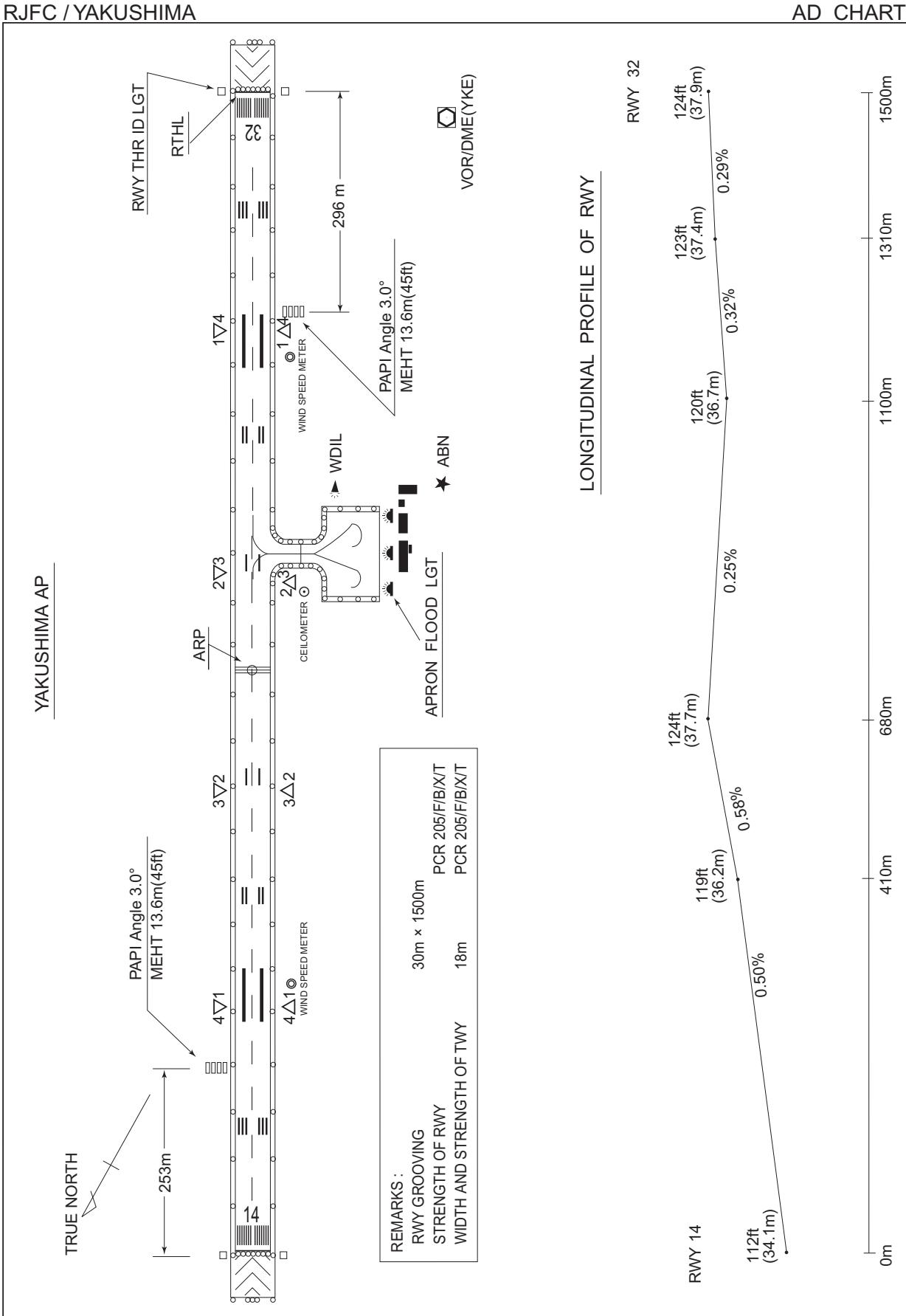


CHANGE : Description of strength of pavement.



STANDARD DEPARTURE CHART-INSTRUMENT

RJFC / YAKUSHIMA

SID

NAKATANE FOUR DEPARTURE

RWY14 : Climb RWY HDG to 560FT, turn left HDG014°...

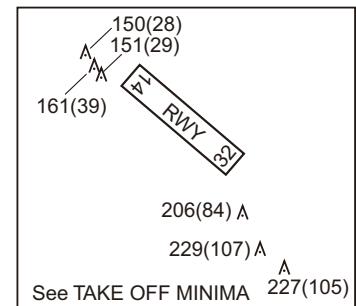
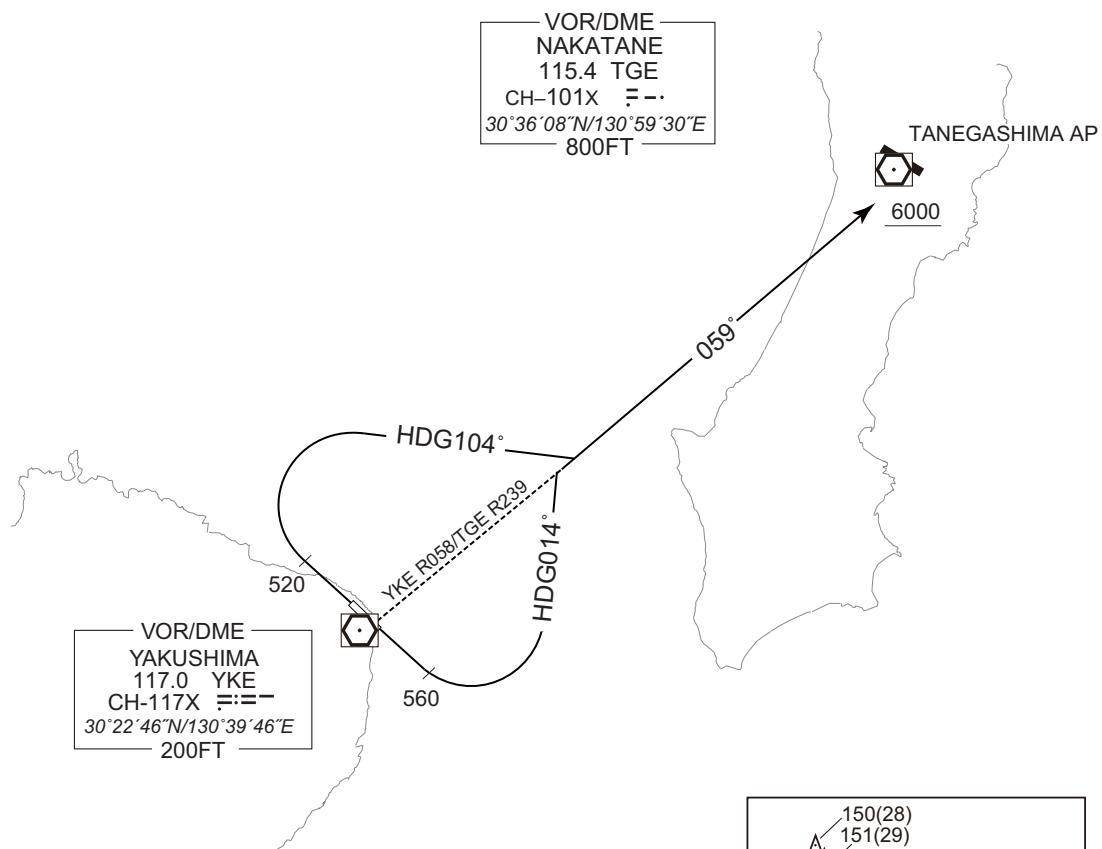
RWY32 : Climb RWY HDG to 520FT, turn right HDG104°...

... to intercept and proceed via YKE R058/TGE R239 to TGE VOR/DME.
Cross TGE VOR/DME at or above 6000FT.

Note RWY14 : In case of climbing with 8.8% gradient up to 560FT,
another TKOF WX MINIMA is applicable.

OBST ALT 206FT located at 0.2NM 180° FM end of RWY14.

CHANGE : PROC renamed. KAGOSHIMA SEVEN DEPARTURE abolished. PROC course. Note. OBST chart added.



STANDARD DEPARTURE CHART -INSTRUMENT

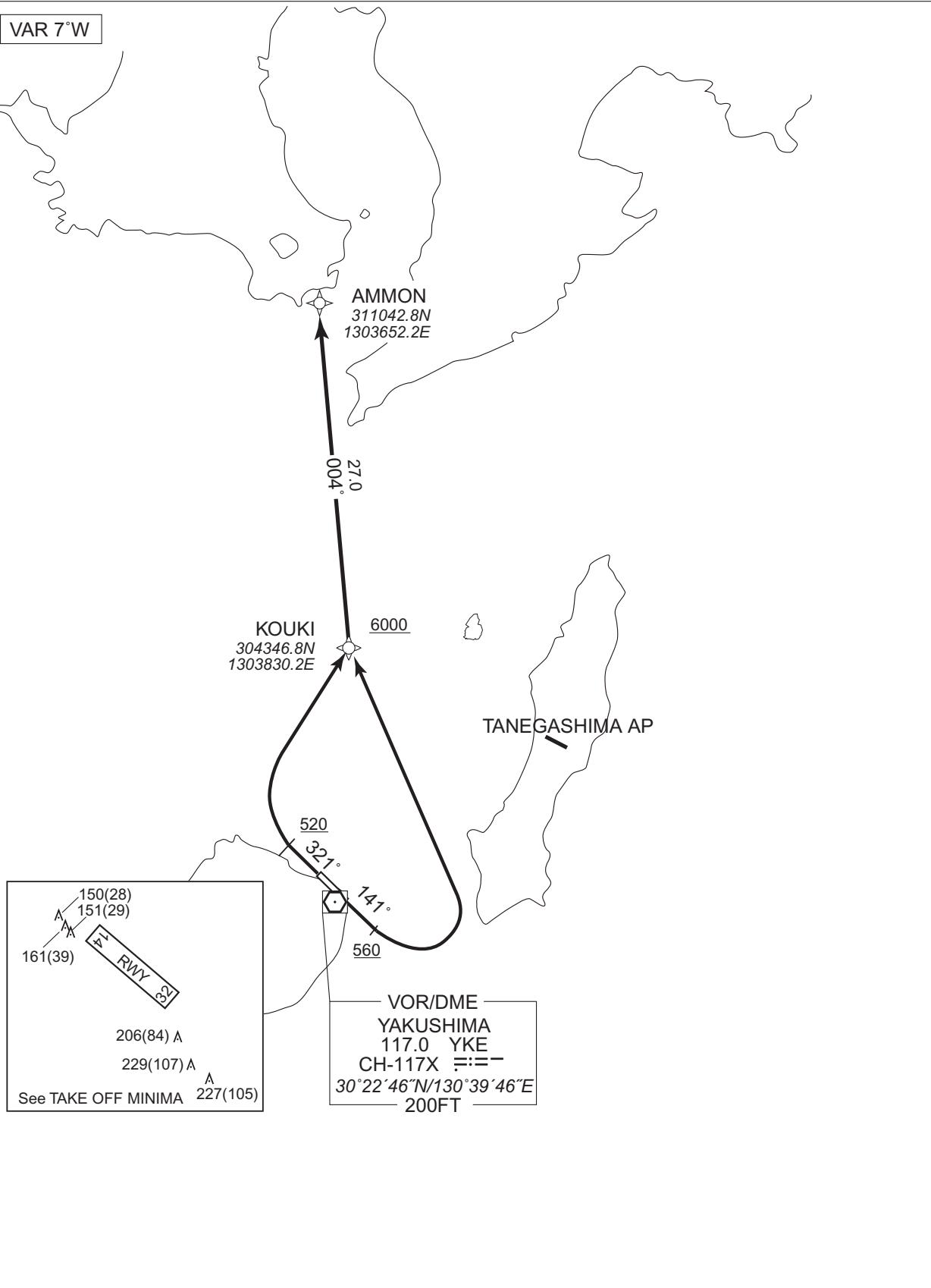
RJFC / YAKUSHIMA

RNAV SID

AMMON FOUR DEPARTURE

RNP1

Note GNSS required.



STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA

RNAV SID

AMMON FOUR DEPARTURE

RWY14 : Climb on HDG 141° at or above 560FT, turn left direct to KOUKI at or above 6000FT, to AMMON.

RWY32 : Climb on HDG 321° at or above 520FT, turn right direct to KOUKI at or above 6000FT, to AMMON.

Note RWY14 : In case of climbing with 8.8% gradient up to 560FT,
another TKOF WX MINIMA is applicable.

OBST ALT 206FT located at 0.2NM 180° FM end of RWY14.

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	-	-	141 (134.0)	-6.9	-	-	+560	-	-	RNP1
002	DF	KOUKI	-	-	-6.9	-	L	+6000	-	-	RNP1
003	TF	AMMON	-	004 (357.0)	-6.9	27.0	-	-	-	-	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	-	-	321 (314.0)	-6.9	-	-	+520	-	-	RNP1
002	DF	KOUKI	-	-	-6.9	-	R	+6000	-	-	RNP1
003	TF	AMMON	-	004 (357.0)	-6.9	27.0	-	-	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA

RNAV SID

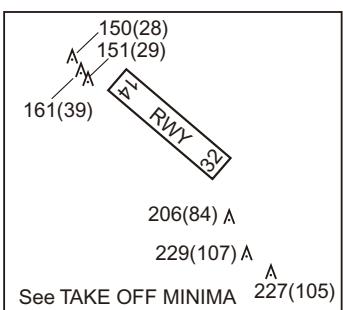
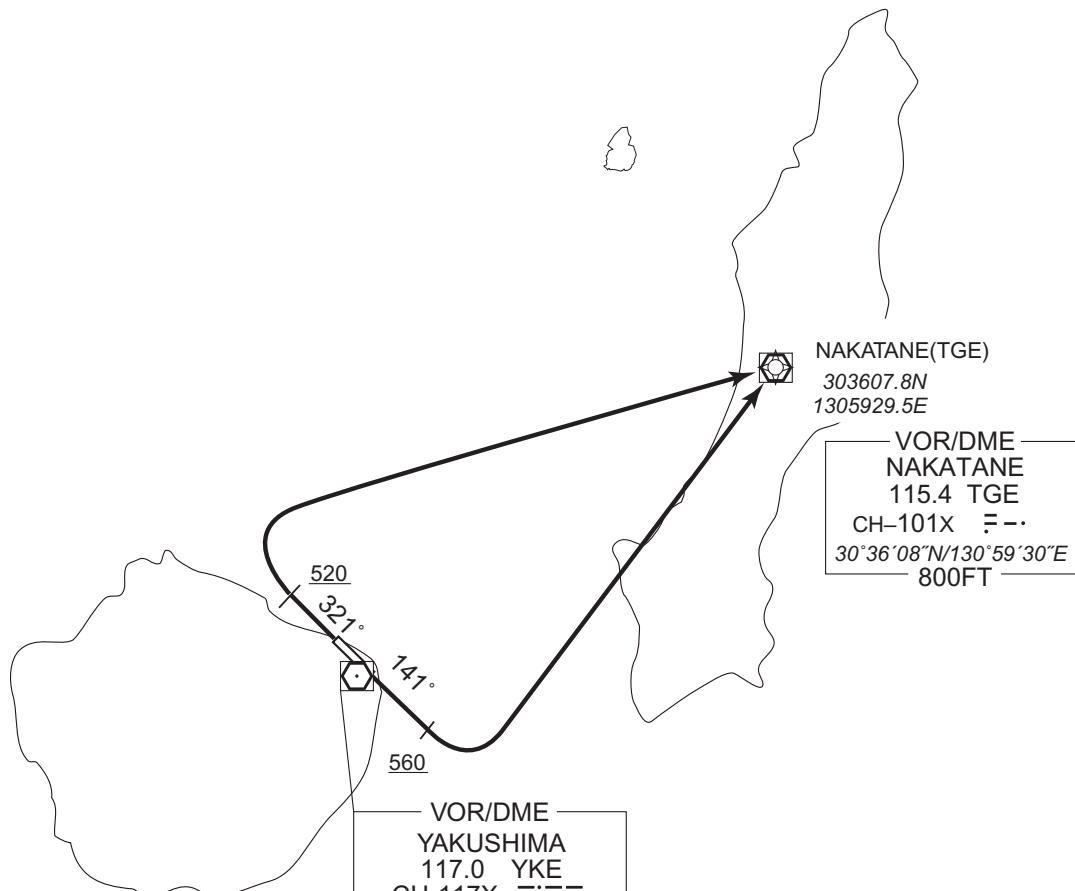
SURF TWO DEPARTURE

RNP1

Note GNSS required.

VAR 7°W

CHANGE : Navigation Specification(Basic RNP1 → RNP1).



STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA

RNAV SID

SURF TWO DEPARTURE

RWY14 : Climb on HDG 141° at or above 560FT, turn left direct to TGE.

RWY32 : Climb on HDG 321° at or above 520FT, turn right direct to TGE.

Note RWY14 : In case of climbing with 8.8% gradient up to 560FT,

another TKOF WX MINIMA is applicable.

OBST ALT 206FT located at 0.2NM 180° FM end of RWY14.

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	-	-	141 (134.0)	-6.9	-	-	+560	-	-	RNP1
002	DF	TGE	-	-	-6.9	-	L	-	-	-	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	-	-	321 (314.0)	-6.9	-	-	+520	-	-	RNP1
002	DF	TGE	-	-	-6.9	-	R	-	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD ARRIVAL CHART-INSTRUMENT

RJFC / YAKUSHIMA

STAR

CEDAR ARRIVAL

From over TGE VOR/DME, via TGE R217 to CEDAR.

Cross CEDAR at or above 2200 FT.

CHANGE : JOMON ARRIVAL abolished.



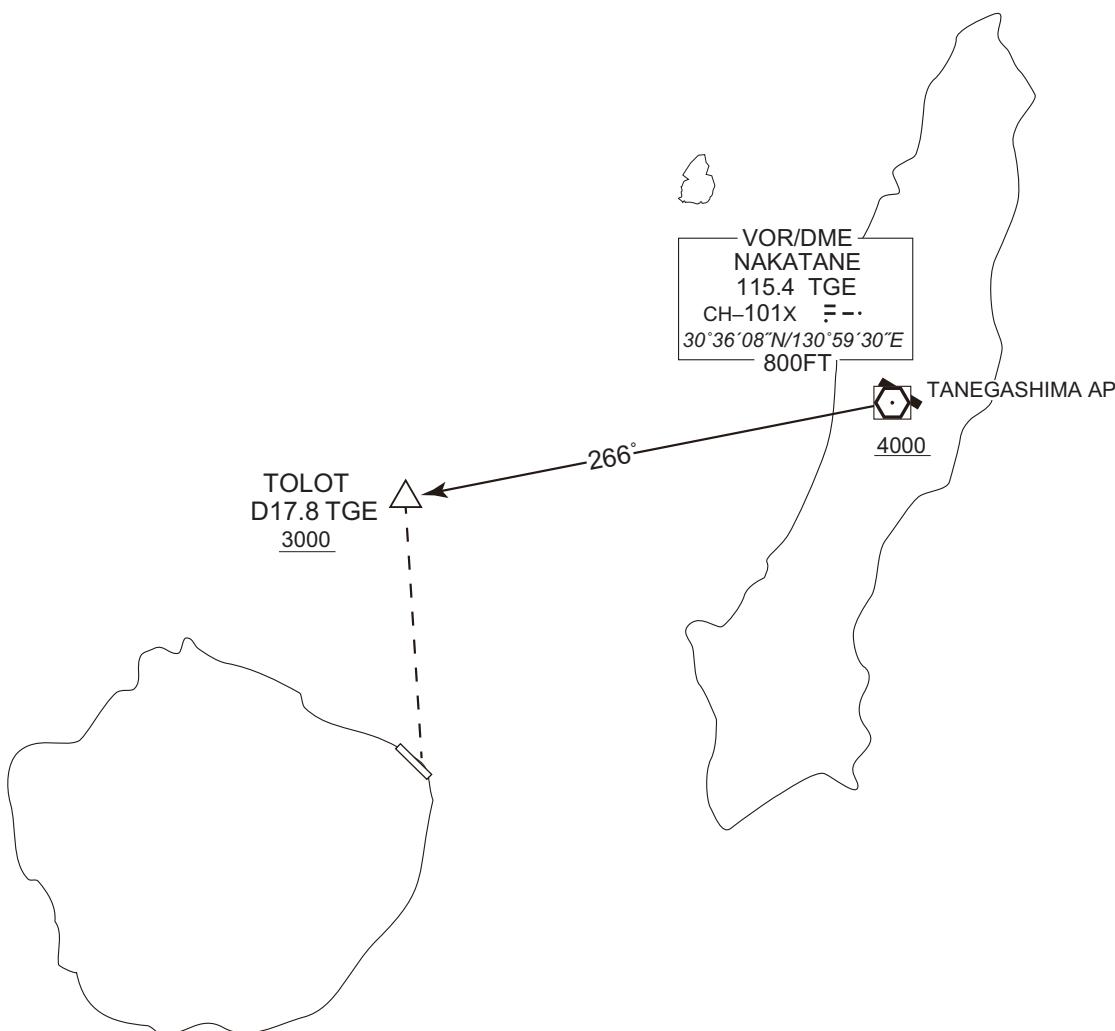
STANDARD ARRIVAL CHART-INSTRUMENT

RJFC / YAKUSHIMA

STAR

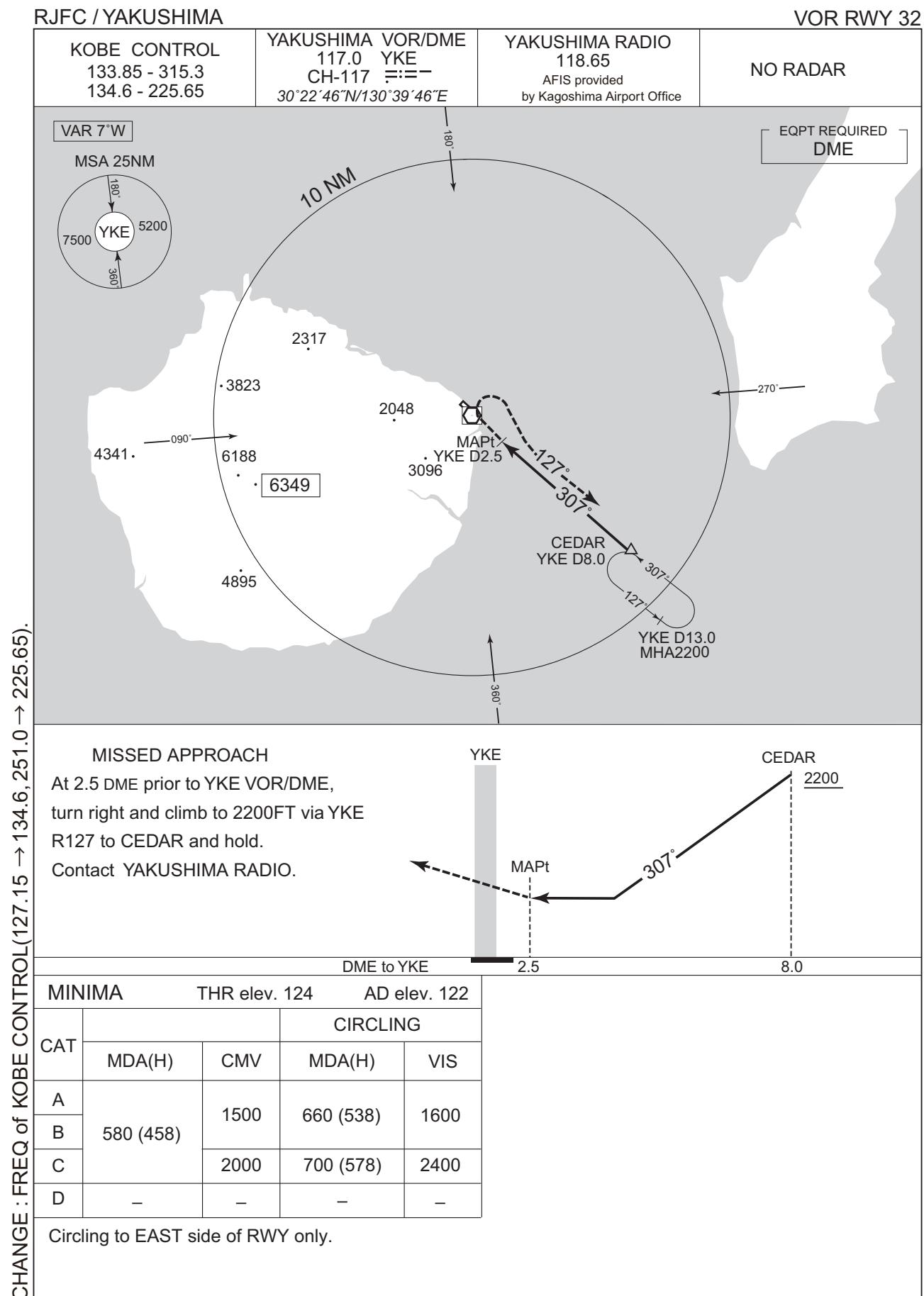
TOLOT ARRIVAL

From over TGE VOR/DME, via TGE R266 to TOLOT.
Cross TGE VOR/DME at or above 4000FT, cross TOLOT at or above 3000FT.



CHANGE : New PROC.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

VOR A

YAKUSHIMA VOR/DME
117.0 YKE
CH-117 $30^{\circ}22'46"N/130^{\circ}39'46"E$

YAKUSHIMA RADIO
118.65
AFIS provided by Kagoshima Airport Office

NO RADAR

VAR 7°W

MSA 25NM

PUDOG(FAF) : $30^{\circ}27'39.99N/130^{\circ}39'28.12E$

NOT TO SCALE

MISSED APPROACH
Climb via YKE R184 to 1300FT, turn left HDG319° to intercept and proceed via YKE R004 to TOLOT and hold at 3000FT.
Contact YAKUSHIMA RADIO.

No turn before MAPt.
Timing not authorized for defining the MAPt.

DME to YKE 1.9 4.9 9.9

Missed APCH climb gradient MNM 5.0%

MINIMA		AD elev. 122
CAT	CIRCLING	
	MDA(H)	VIS
A	660 (538)	1600
B		
C	700 (578)	2400
D	-	-

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

INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

RNP RWY 32

INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

RNP RWY32

FAS DATA BLOCK

Operation type	0	LTP/FTP ellipsoidal height	+00675
SBAS service provider identifier	2	FPAP latitude	302329.2980N
Airport identifier	RJFC	FPAP longitude	1303907.6190E
Runway	32	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	M32A	△ length offset	0192
LTP/FTP latitude	302251.1820N	HAL	40.0
LTP/FTP longitude	1303953.4230E	VAL	50.0
CRC remainder	7043F61C		

Required additional data

LTP/FTP orthometric height	37.0
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CHANGE : New PROC.

INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

RNP RWY14

KOBE CONTROL
133.85 - 315.3
134.6 - 225.65

RNP APCH
MSAS CH68021
M14A

YAKUSHIMA RADIO
118.65
AFIS provided
by Kagoshima Airport Office

NO RADAR

VAR 7°W

MHA 5000 MAX 210KIAS
1MIN
003°
ONSKE

NOT TO SCALE

Baro-VNAV not authorized below 0°C

ONSKE	303722.93N (IAF/MAHF) 1303853.06E
TGE	303607.76N (IAF) 1305929.52E
SOTMA	303329.49N 1303246.52E
PANRI	303027.38N (IF) 1303044.52E
OKEMI	302659.27N (FAF) 1303455.18E
RW14	302324.94N (MAPt) 1303912.87E
FC450	302119.94N (MATF) 1304142.94E

ARP : 302308N/1303933E

NM to Next Fix FAF 5 4 3 MAPt

ALT (3.0° APCH Path) 1800 1753 1435 1116 –

PANRI (IF)
1800 741° 1800 1800 1300 (1188) 10.2

OKEMI (FAF)
1800 141° 141° 3.00° (LNAV) 5.1

VDP (LNAV)
MDA 2.6

RW14 (MAPt)
RDH 50 0 NM to THR

MISSED APPROACH
Direct to FC450, turn left direct to ONSKE and hold at 5000FT. Contact **YAKUSHIMA RADIO**.

Missed APCH climb gradient MNM 5.0%

MINIMA		THR elev. 112		AD elev. 122				
CAT	LPV		LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	477 (365)	1500	930 (818)	1500	930 (818)	1500	930 (808)	1600
B	487 (375)					2000		
C	497 (385)	1800						
D	–	–	–	–	–	–	–	–

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

INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

RNP RWY14

FAS DATA BLOCK

Operation type	0	LTP/FTP ellipsoidal height	+00638
SBAS service provider identifier	2	FPAP latitude	302246.7970N
Airport identifier	RJFC	FPAP longitude	1303958.6910E
Runway	14	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	M14A	△ length offset	0192
LTP/FTP latitude	302324.9135N	HAL	40.0
LTP/FTP longitude	1303912.8885E	VAL	50.0
CRC remainder	A76A627B		

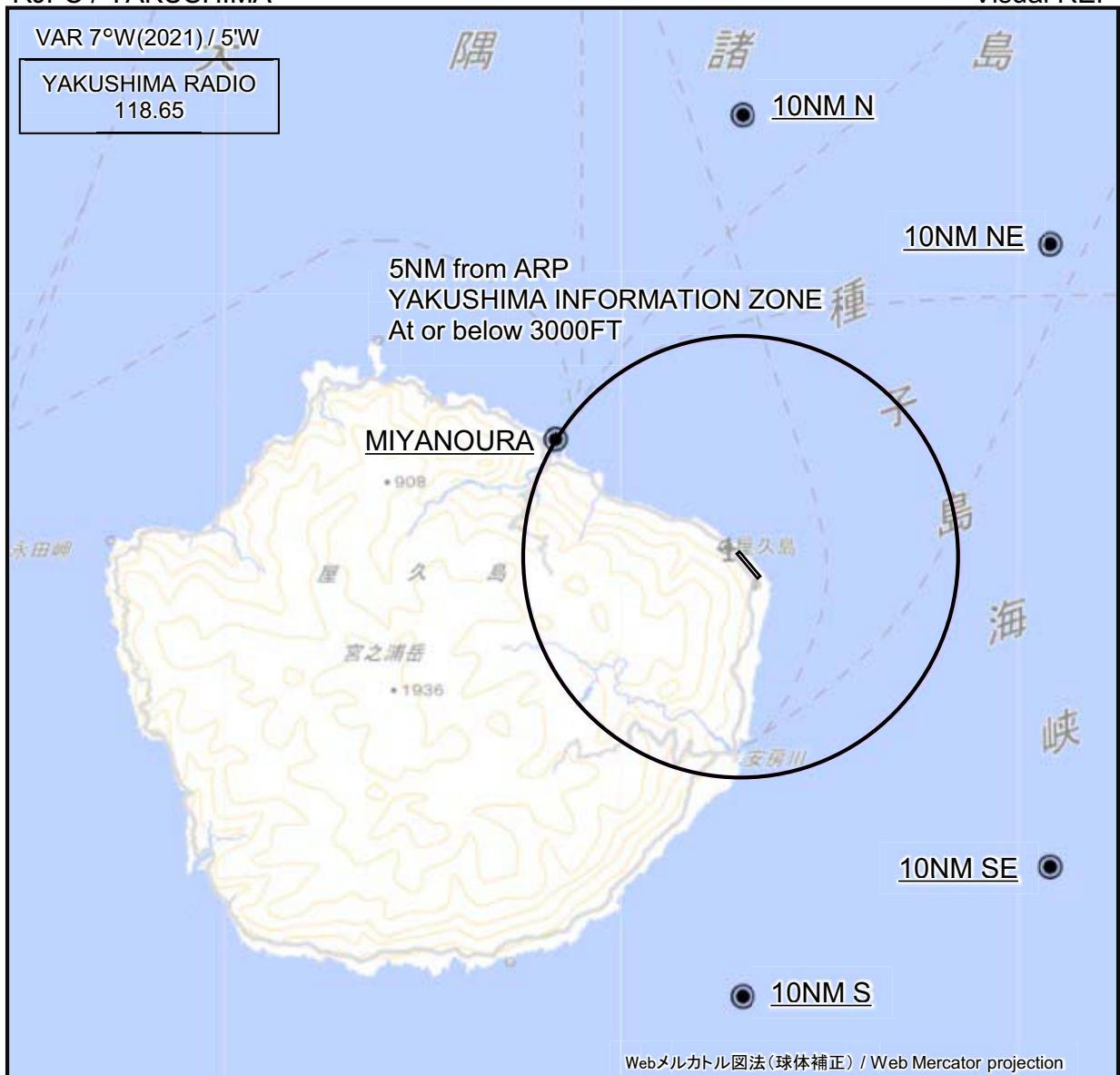
Required additional data

LTP/FTP orthometric height	33.2
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CHANGE : FAS DATA BLOCK, Required additional data established.

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).

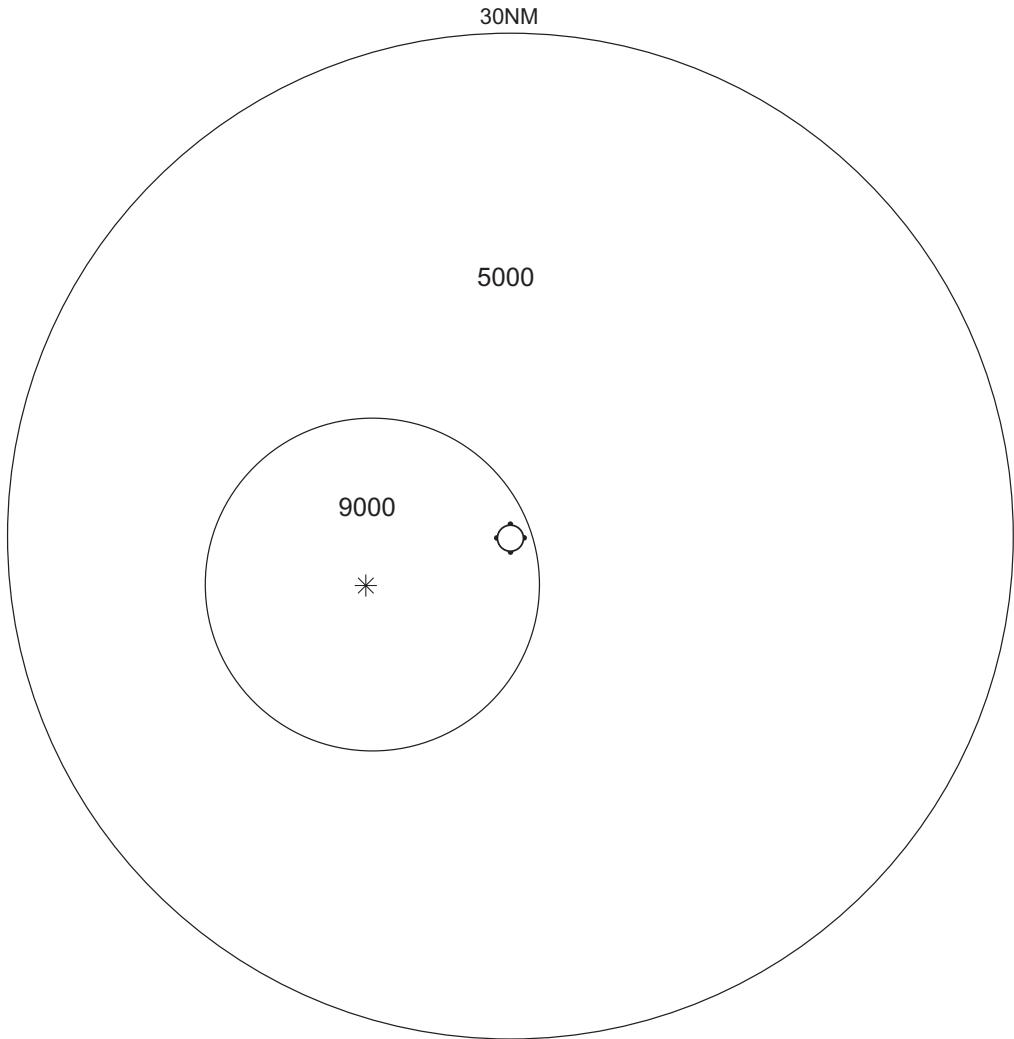
CHANGE : VAR.

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

CHANGE : Minimum vectoring altitude(6000→5000).



CENTER : 302308N/1303933E (ARP)

* : 302013N/1302957E RADIUS : 10NM