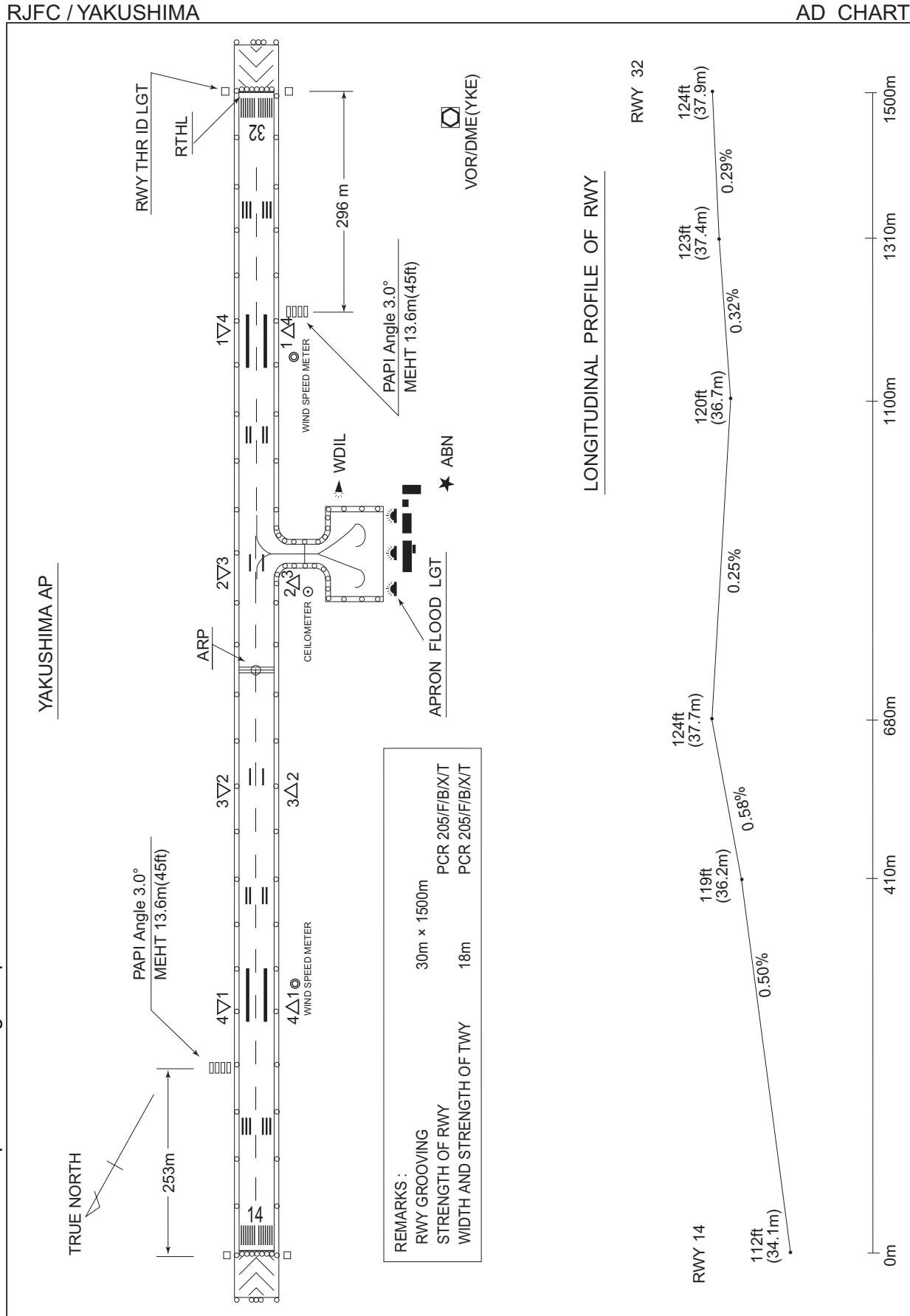


CHANGE : Description of strength of pavement.



STANDARD DEPARTURE CHART-INSTRUMENT

RJFC / YAKUSHIMA

SID

NAKATANE FOUR DEPARTURE

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

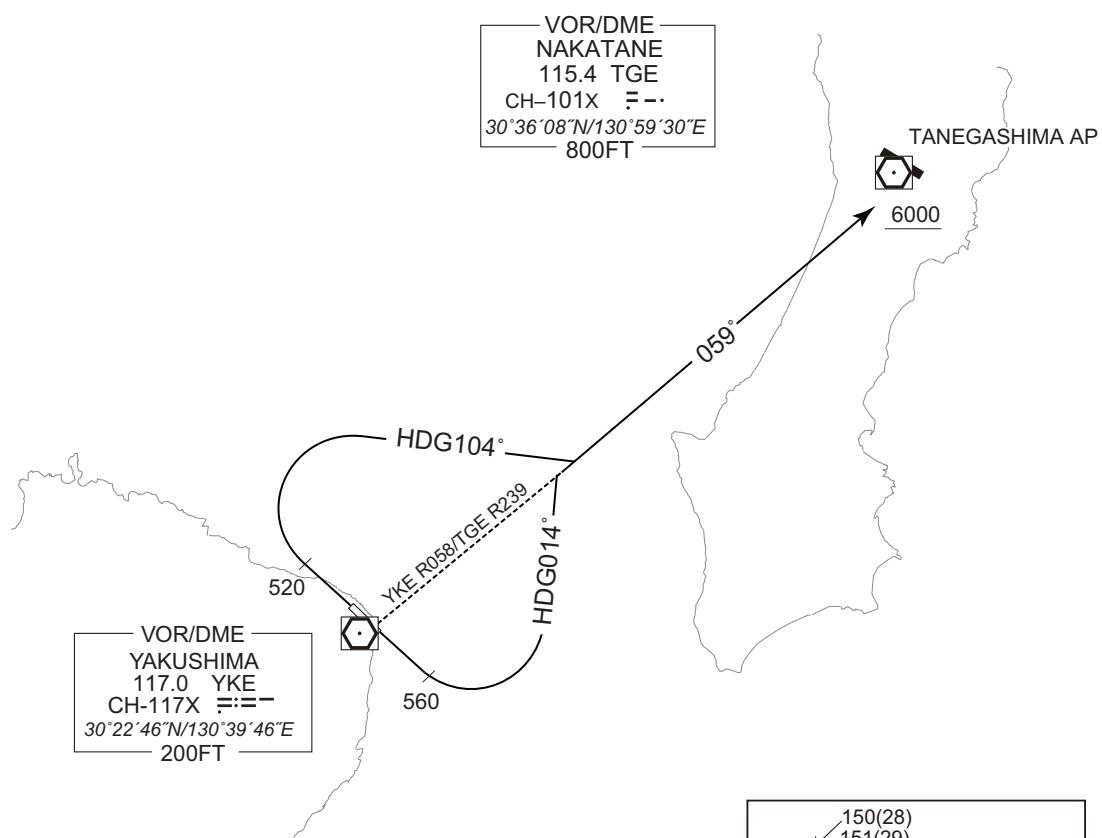
RWY32 : Climb RWY HDG to 520FT, turn right HDG104°...

... 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

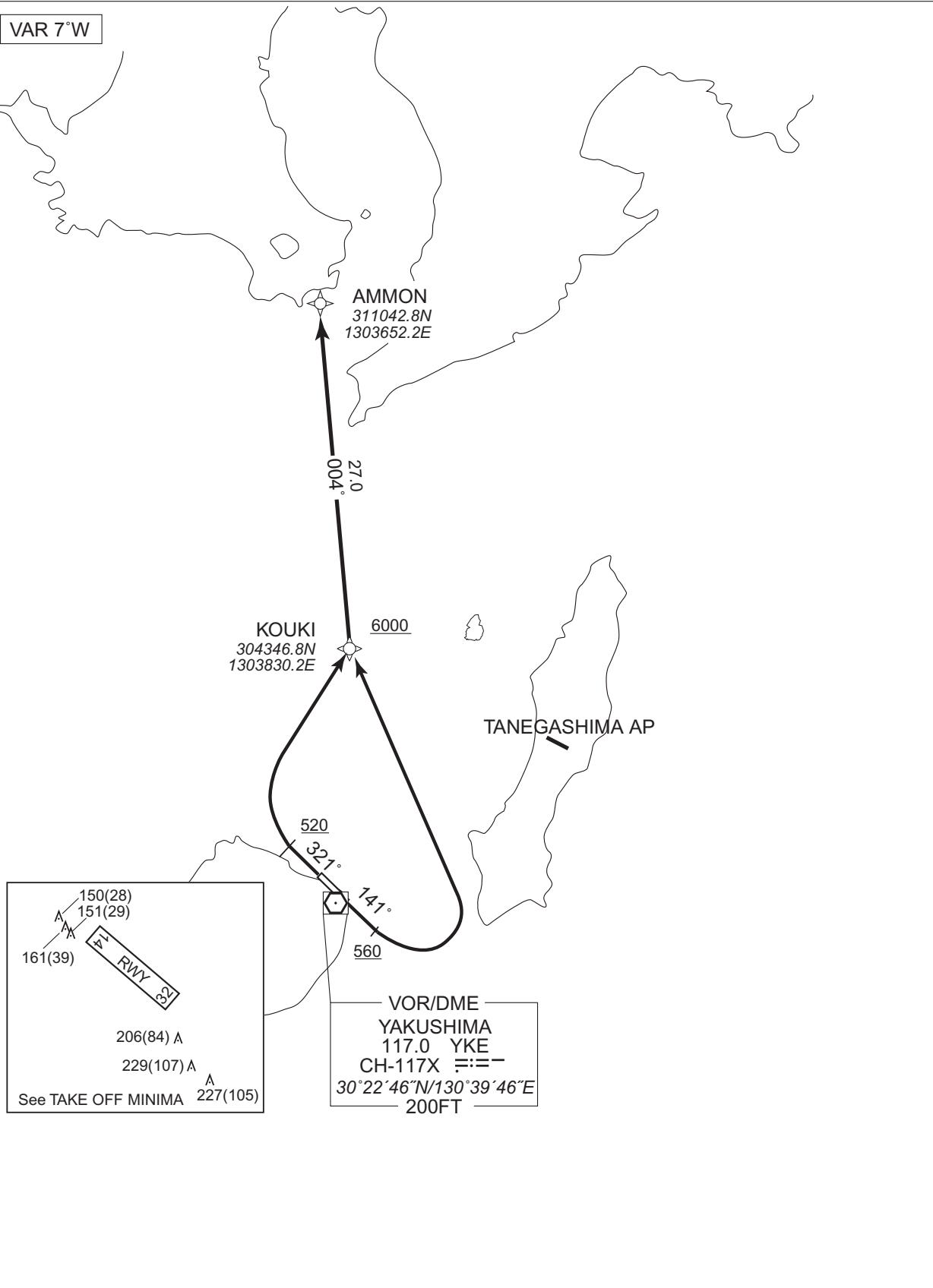
RJFC / YAKUSHIMA

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

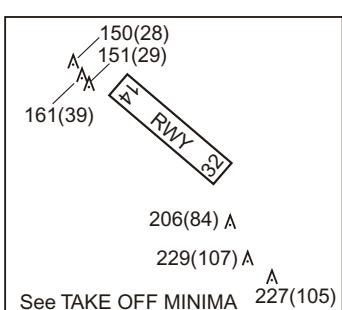
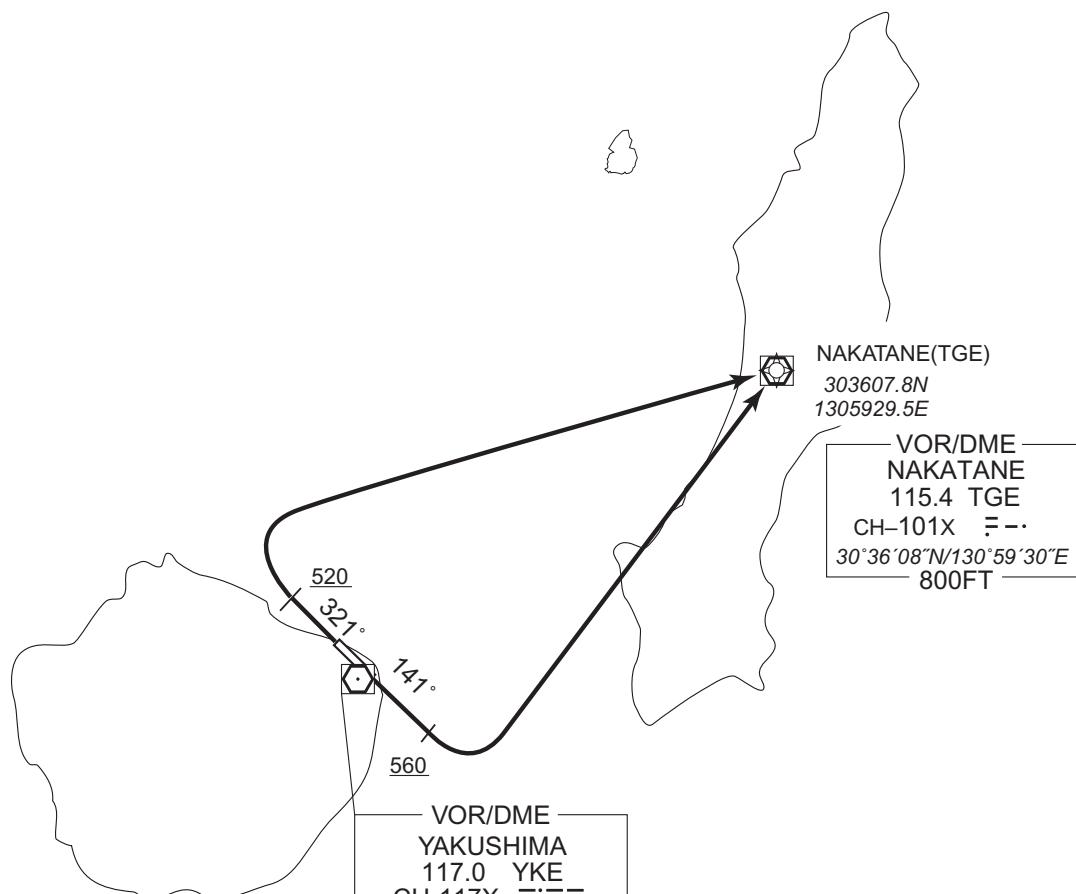
SURF TWO DEPARTURE

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

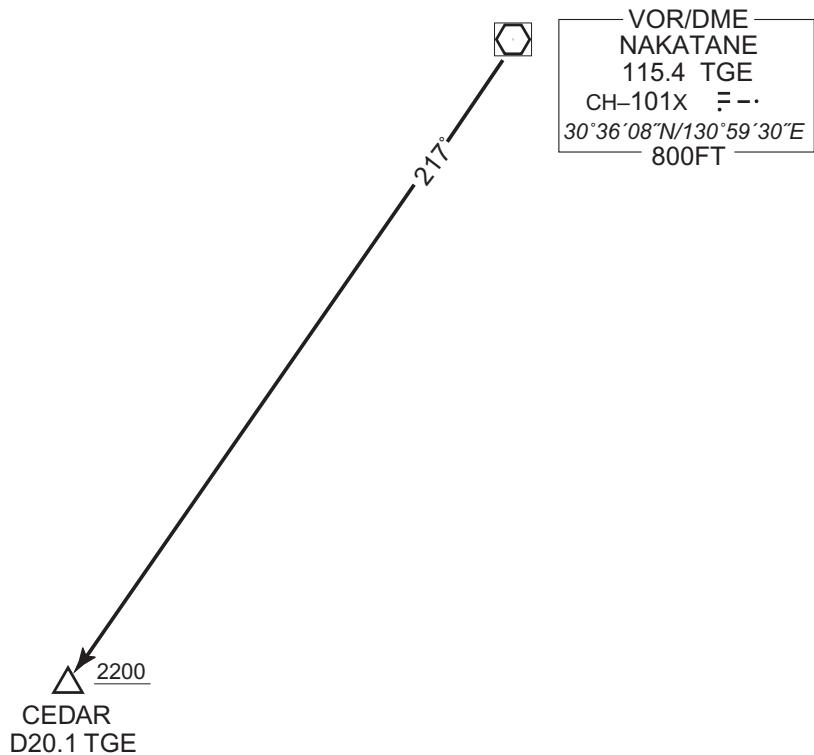
STAR

CEDAR ARRIVAL

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

Cross CEDAR at or above 2200 FT.

CHANGE : JOMON ARRIVAL abolished.



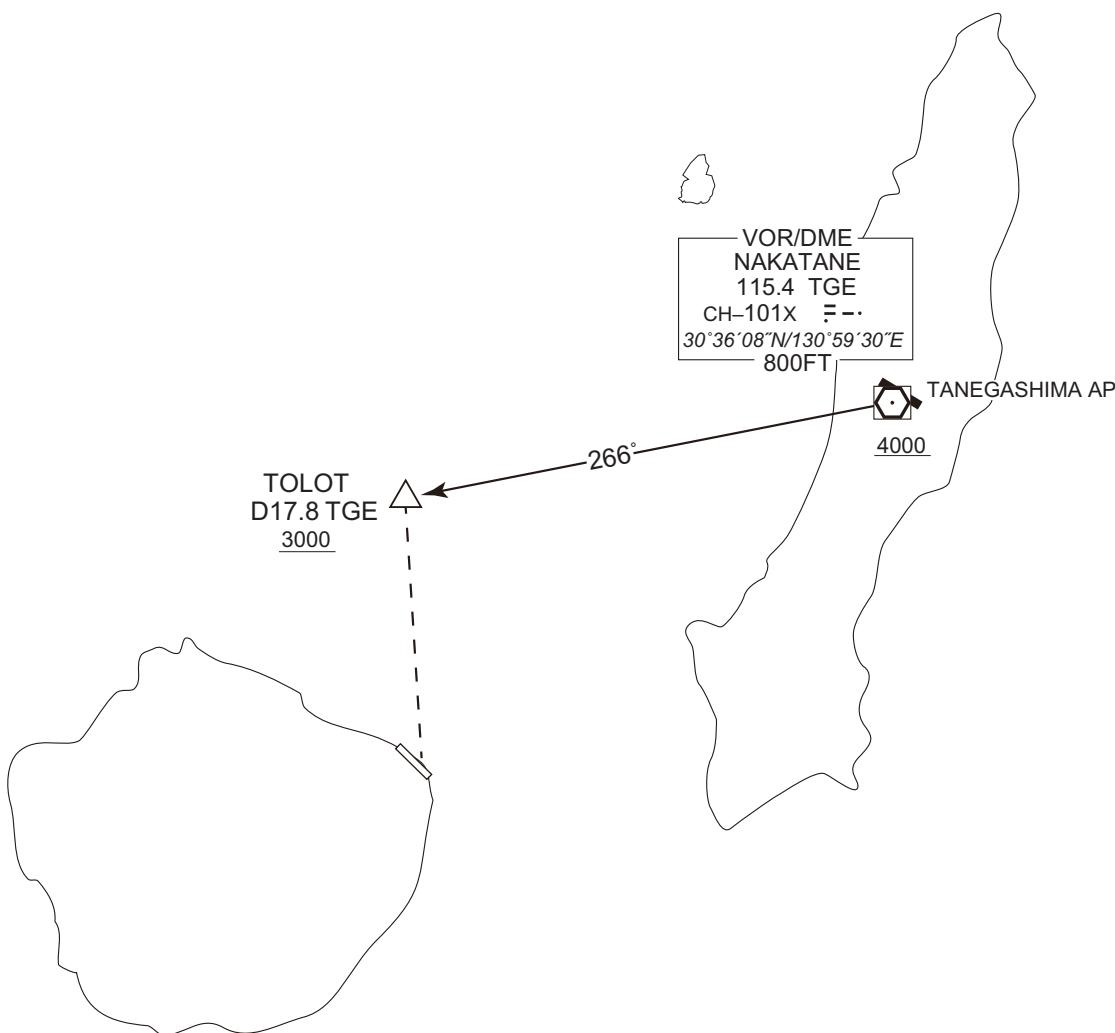
STANDARD ARRIVAL CHART-INSTRUMENT

RJFC / YAKUSHIMA

STAR

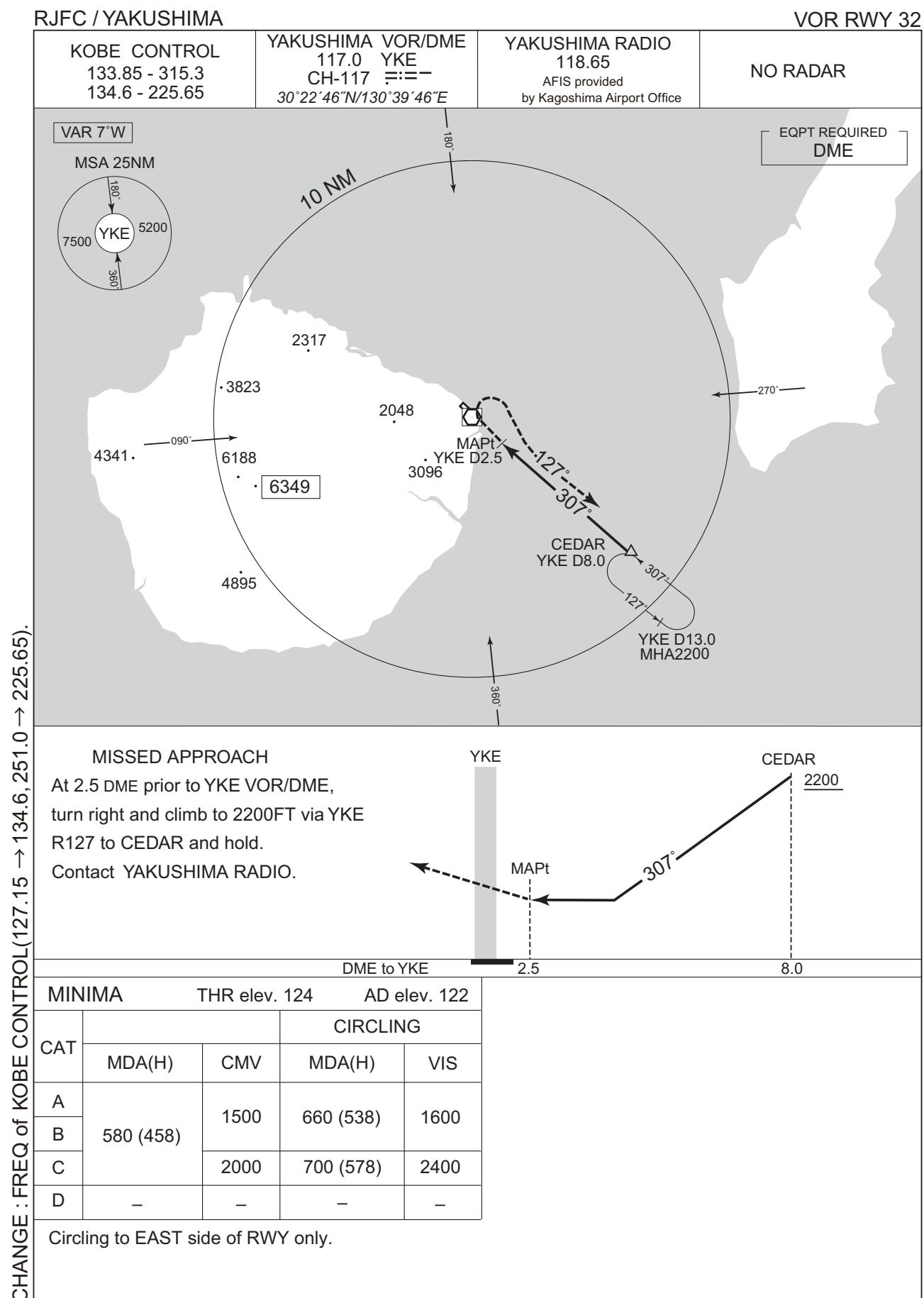
TOLOT ARRIVAL

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

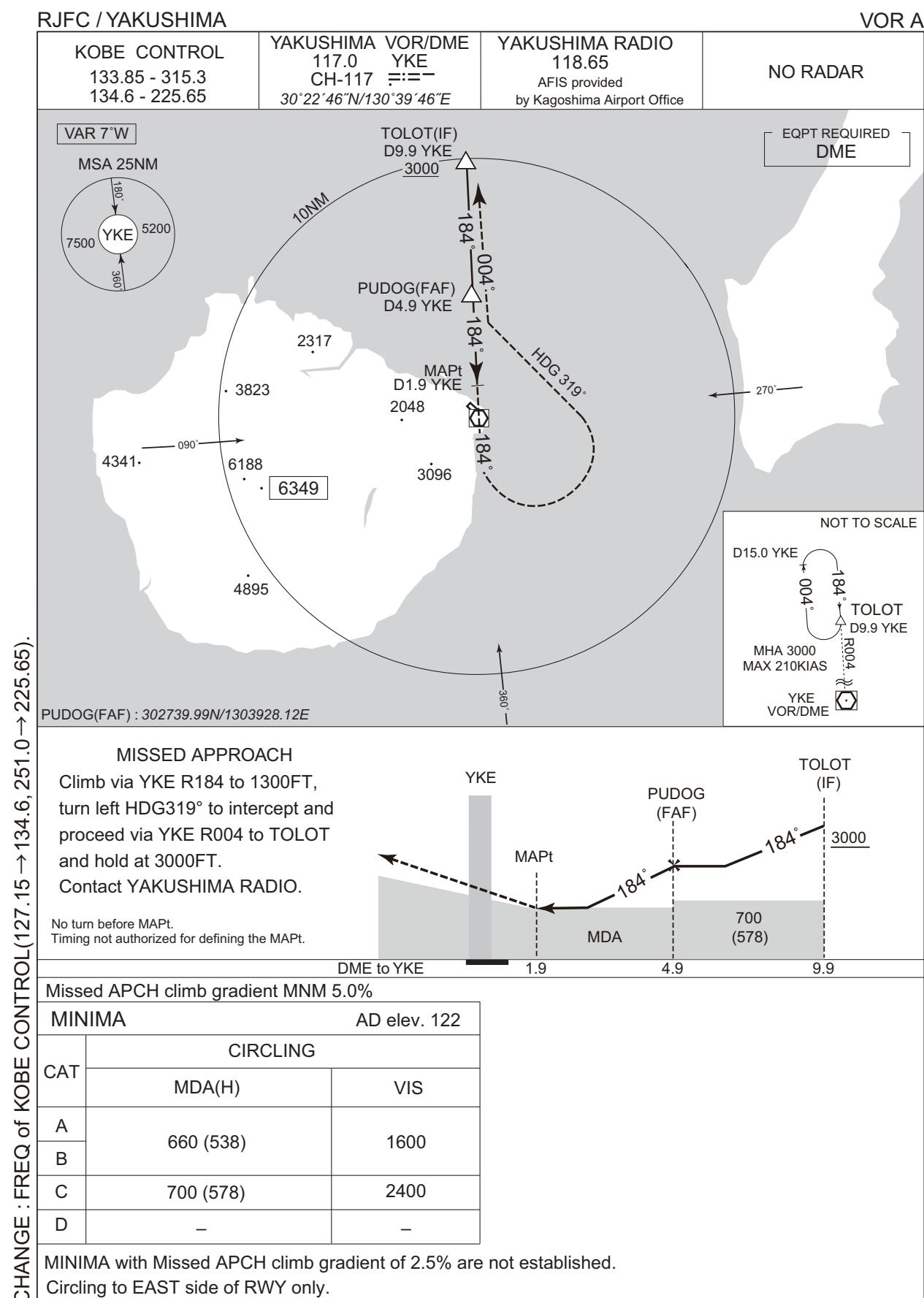


CHANGE : New PROC.

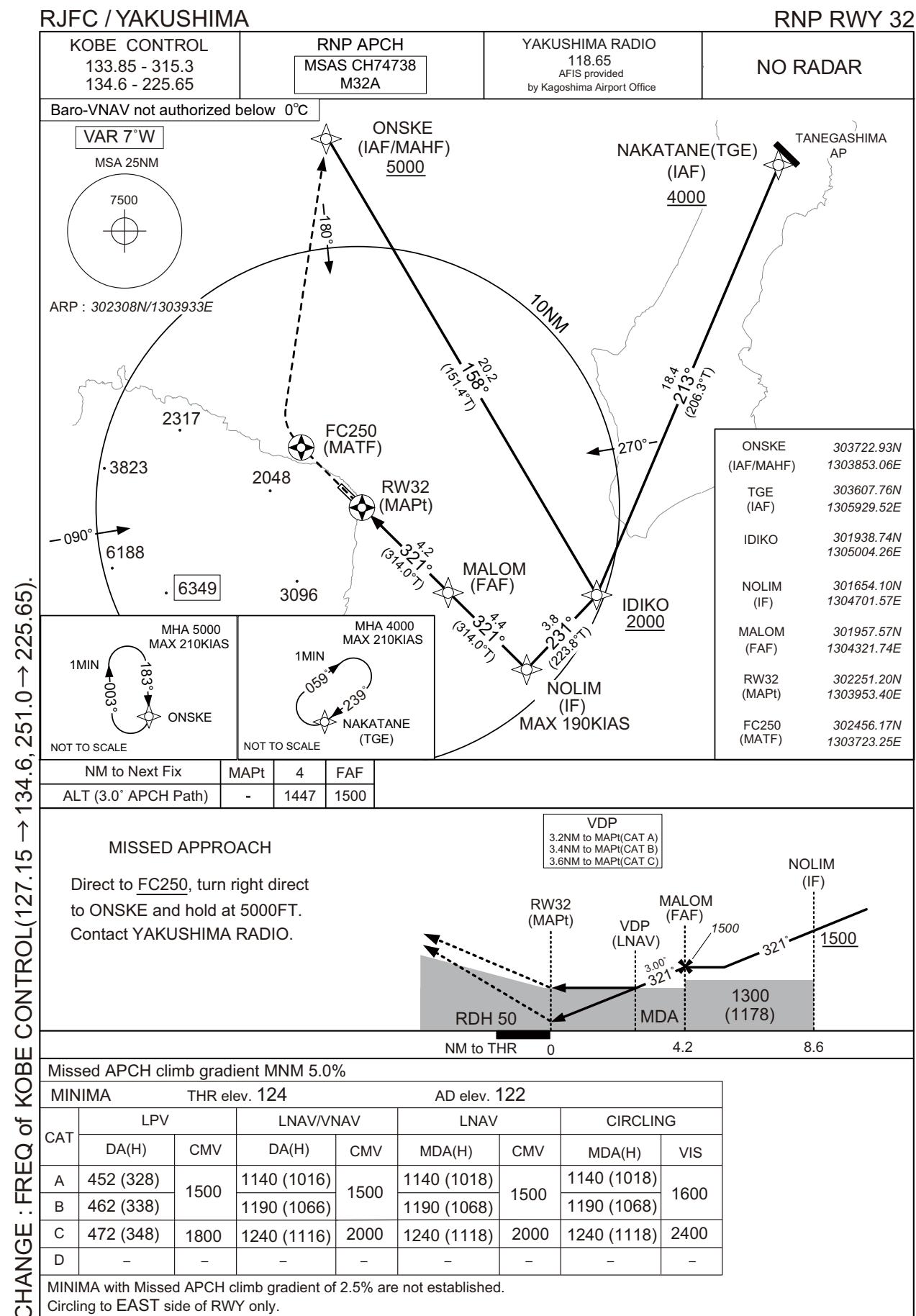
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

RNP RWY32

FAS DATA BLOCK

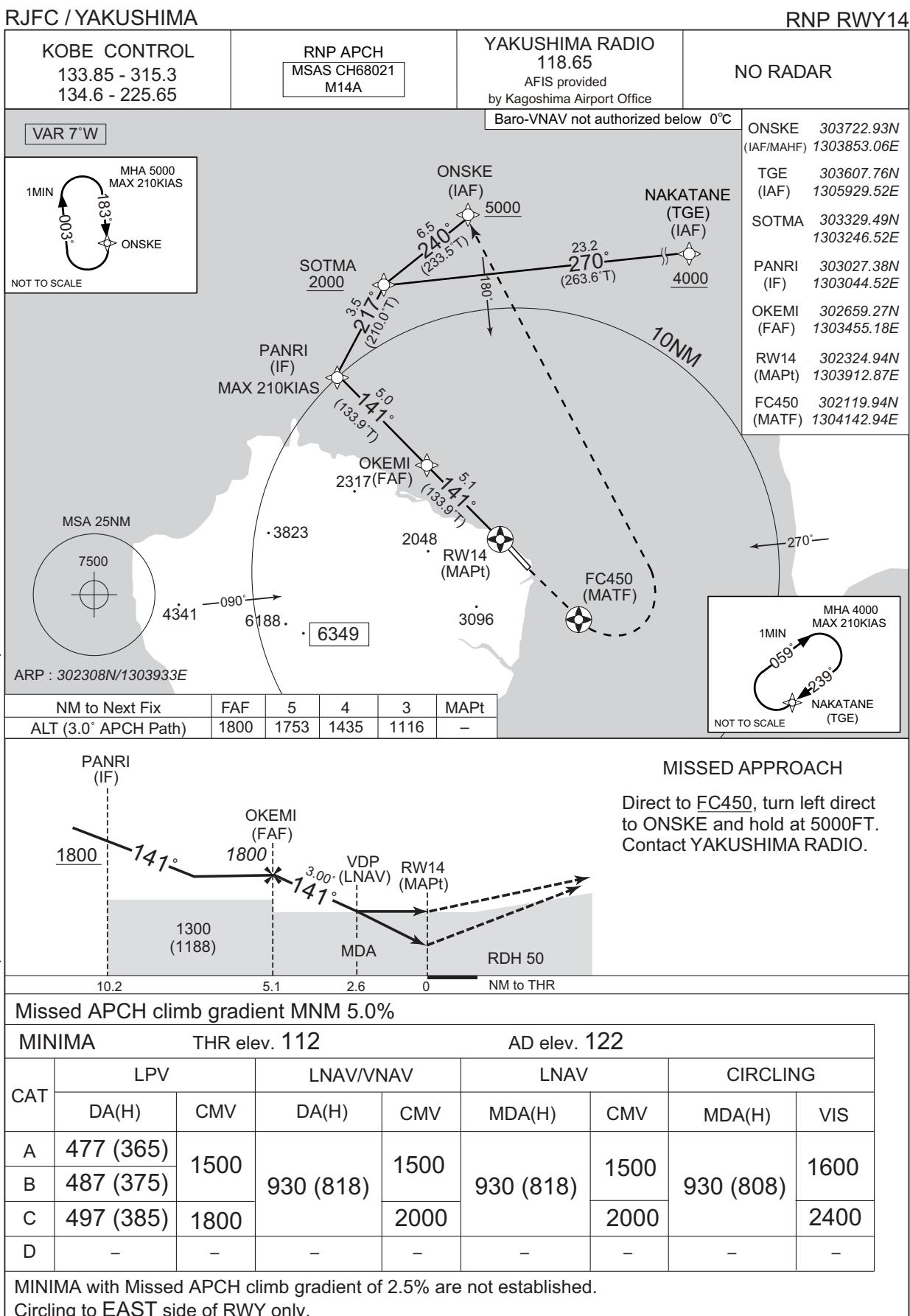
| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00675 |
| SBAS service provider identifier | 2 | FPAP latitude | 302329.2980N |
| Airport identifier | RJFC | FPAP longitude | 1303907.6190E |
| 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 |
|----------------------------|------|

CHANGE : New PROC.

INSTRUMENT APPROACH CHART



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 | | |

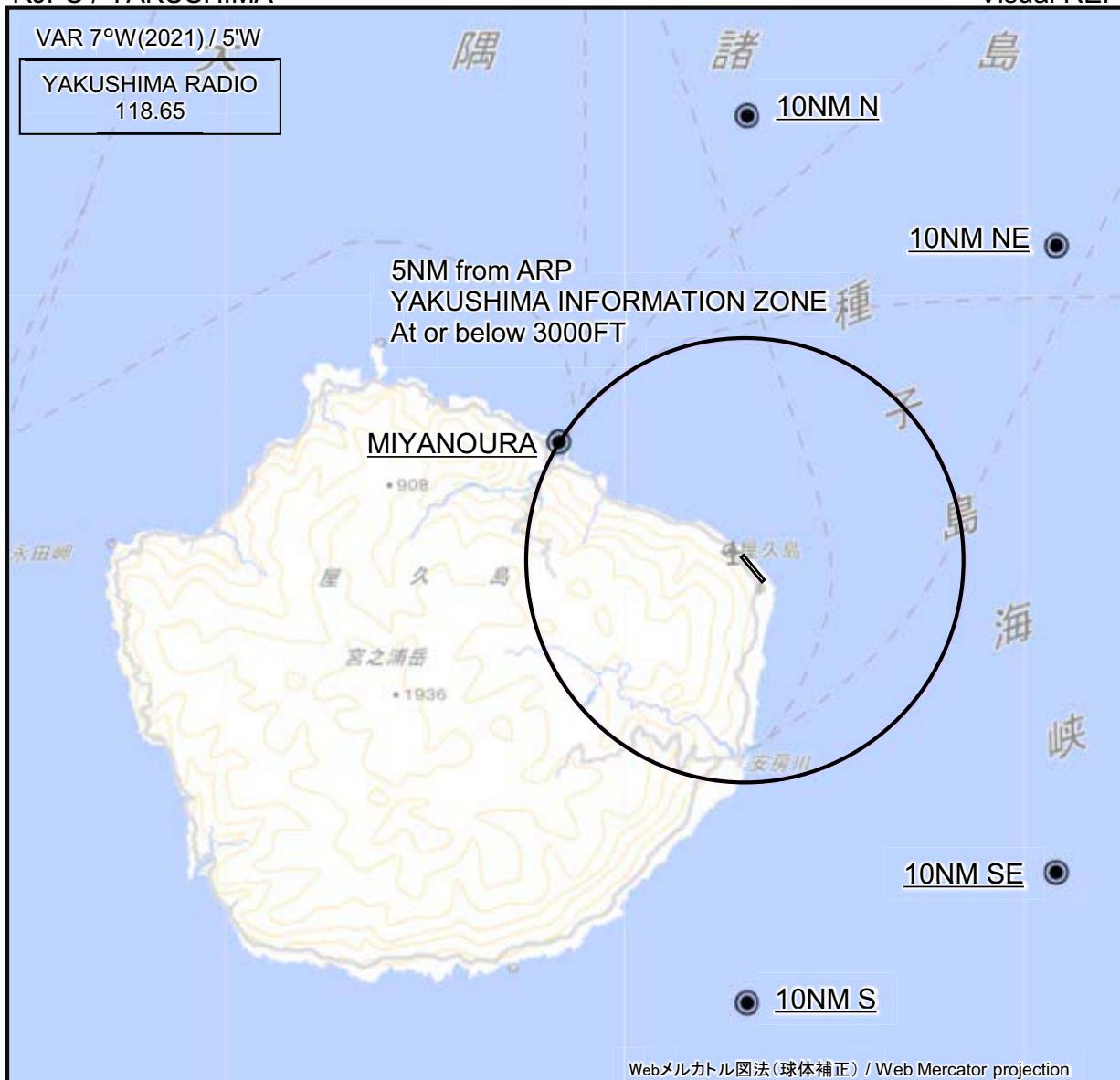
Required additional data

| | |
|----------------------------|------|
| LTP/FTP orthometric height | 33.2 |
|----------------------------|------|

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).

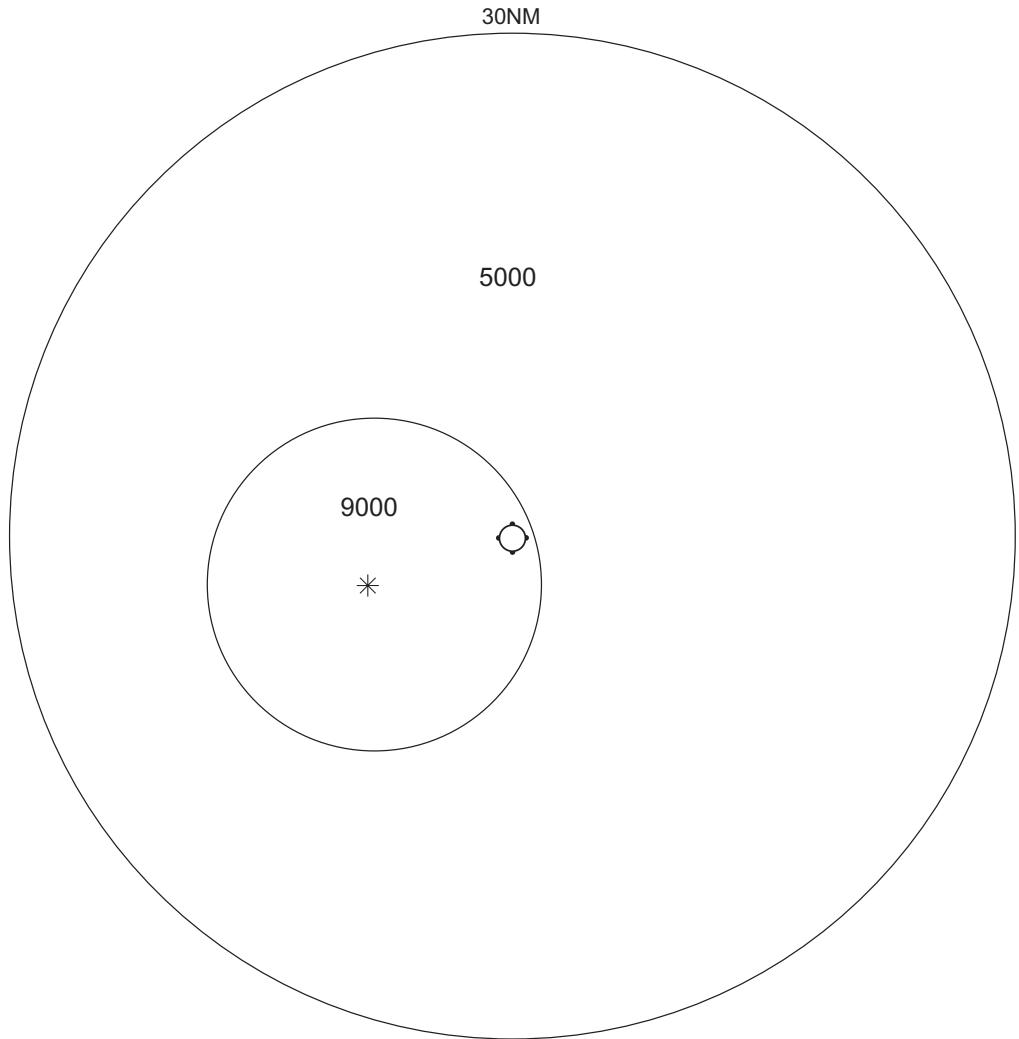
CHANGE : VAR.

| 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