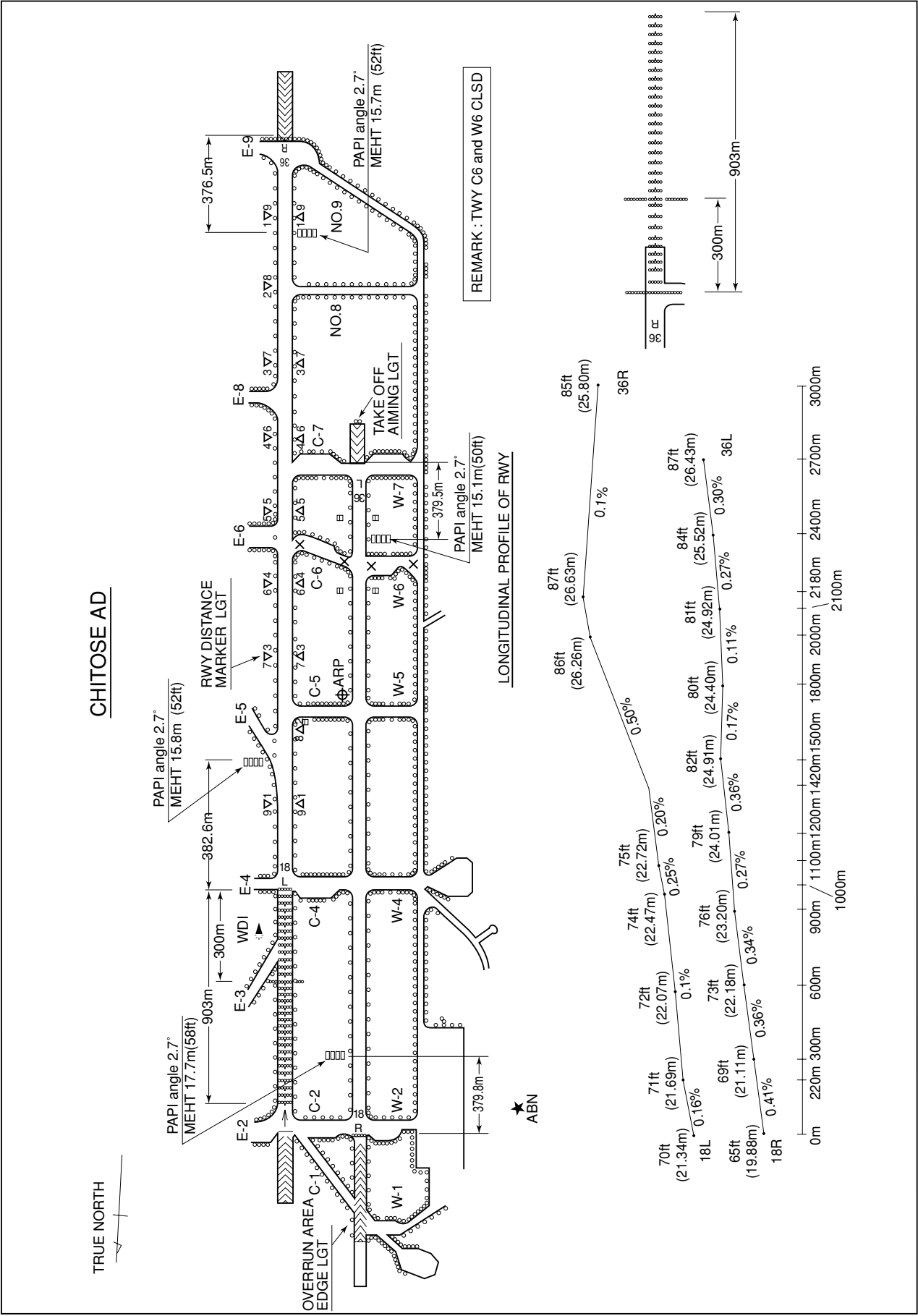


RJCJ / CHITOSE

AD CHART



STANDARD DEPARTURE CHART-INSTRUMENT

RJCJ / CHITOSE

SID

TOKACHI ONE DEPARTURE

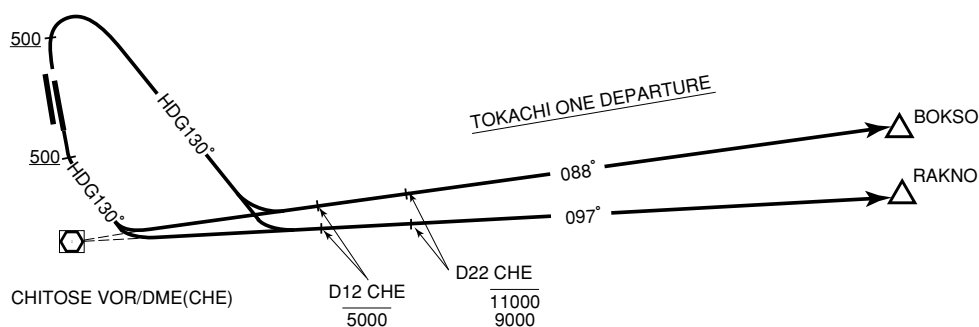
RWY 36R/36L : Climb via RWY HDG to 500ft or above, turn right climb via HDG 130 DEG to intercept and proceed via....

RWY 18R/18L : Climb via RWY HDG to 500ft or above, turn left climb via HDG 130 DEG to intercept and proceed via....

...CHE R-088 to BOKSO or CHE R-097 to RAKNO.

Cross CHE R-088/12DME or CHE R-097/12DME at or below 5,000ft.

Cross CHE R-088/22DME or CHE R-097/22DME between 9,000ft and 11,000ft.



STANDARD DEPARTURE CHART-INSTRUMENT

RJCJ / CHITOSE

SID

TOBBY SEVEN DEPARTURE

RWY 36R/36L : Climb via RWY HDG to 500ft or above, turn right to CHE VOR/DME within CHE 10DME (5NM FM RWY end), then via CHE R-185 to TOBBY.

Cross 4DME prior to CHE VOR/DME (MKE R-329) at or above 3,000ft.

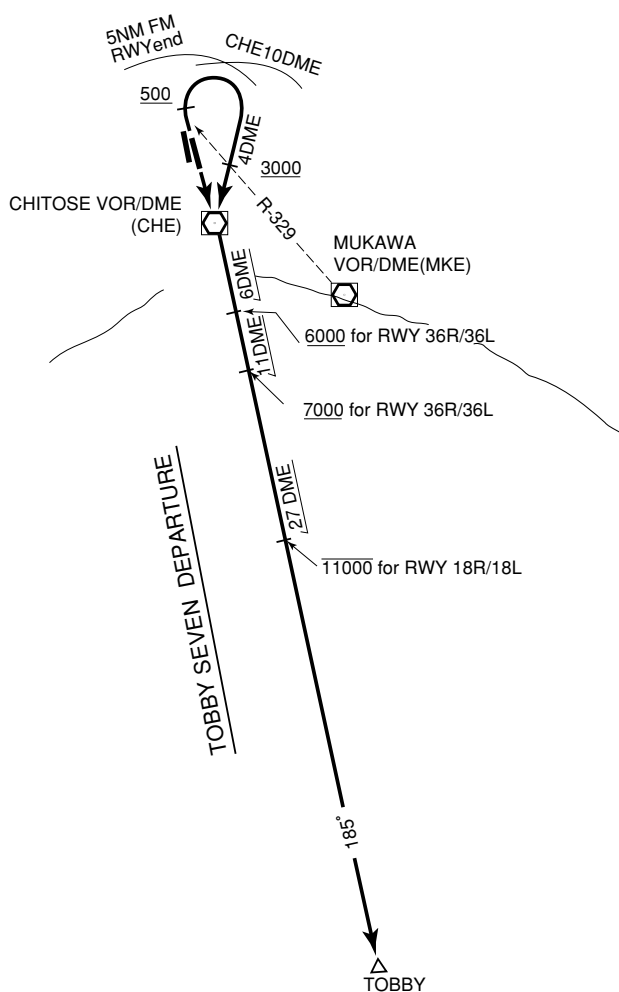
Cross CHE R-185/6DME at or above 6,000ft.

Cross CHE R-185/11DME at or above 7,000ft.

RWY 18R/18L : Climb direct to CHE VOR/DME, then via CHE R-185 to TOBBY.

Cross CHE R-185/27DME at or below 11,000ft.

Note : Aircraft unable to comply with the flight restriction, inform ATC for alternate procedure before departure.



STANDARD DEPARTURE CHART-INSTRUMENT

RJCJ / CHITOSE

SID

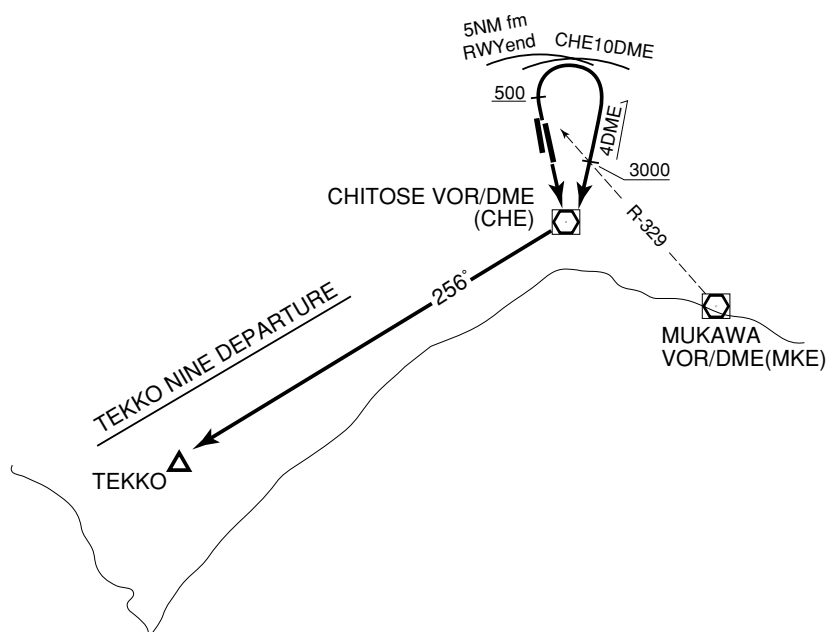
TEKKO NINE DEPARTURE

RWY 36R/36L : Climb via RWY HDG to 500ft or above, turn right to CHE VOR/DME within CHE 10DME (5NM FM RWY end).

Cross 4DME prior to CHE VOR/DME (MKE R-329) at or above 3,000ft....

RWY 18R/18L : Climb direct to CHE VOR/DME....

....Turn right via CHE R-256 to TEKKO.



STANDARD DEPARTURE CHART-INSTRUMENT

RJCJ / CHITOSE

SID

HAKODATE FOUR DEPARTURE

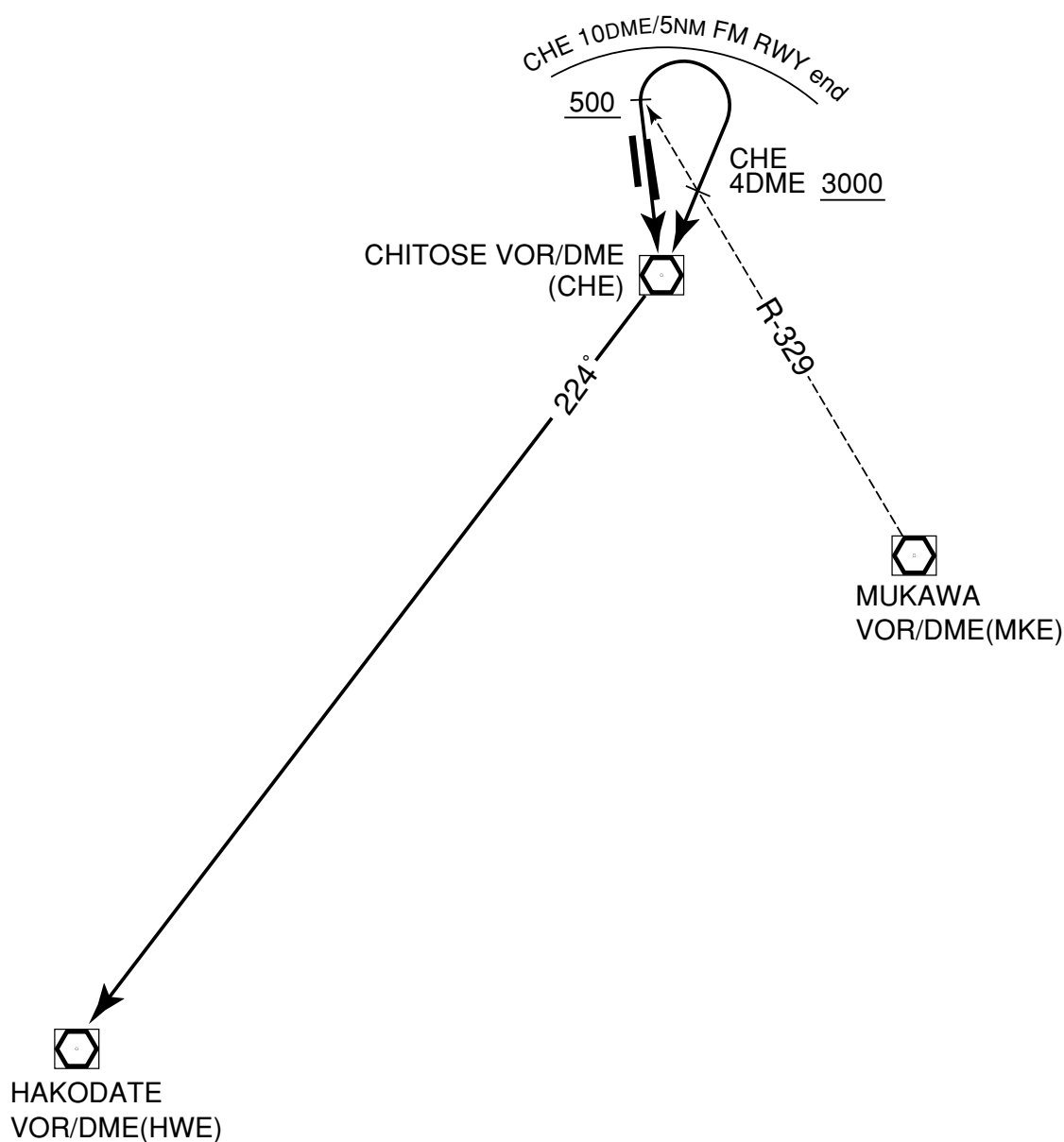
RWY 36R/36L : Climb via RWY HDG to 500ft or above, turn right to CHE VOR/DME within CHE 10DME (5NM FM RWY end).

Cross 4DME prior to CHE VOR/DME (MKE R-329) at or above 3,000ft....

RWY 18R/18L : Climb direct to CHE VOR/DME....

....then via CHE R-224 to HWE VOR/DME.

HAKODATE FOUR DEPARTURE



STANDARD DEPARTURE CHART-INSTRUMENT

RJCJ / CHITOSE

SID

CHITOSE REVERSAL TWO DEPARTURE

RWY 36R/36L : Climb via ZYT R-360, turn right to intercept and proceed via ZYT R-030 to ZYT TACAN within ZYT 25DME.

Cross ZYT R-360 / 15DME at or above 10,000 ft.

Cross ZYT R-030 / 5DME at specified altitude.

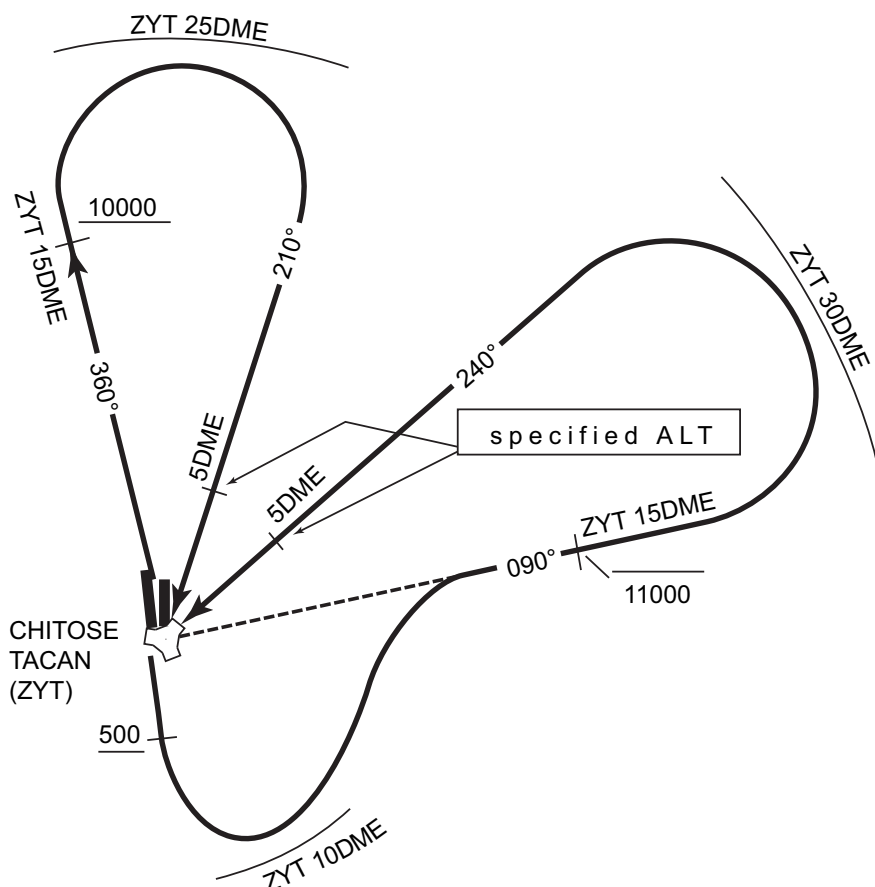
RWY 18R/18L : Climb via RWY HDG to 500 ft or above, turn left climb via ZYT R-090 within ZYT 10DME, turn left to intercept and proceed via ZYT R-060 to ZYT TACAN within ZYT 30DME.

Cross ZYT R-090 / 15DME at or below 11,000 ft.

Cross ZYT R-060 / 5DME at specified altitude.

Note : When take off RWY36L, following climb gradient should be maintained until passing 200ft.

| | | | | | | |
|-----------------|-----|-----|-----|-----|-----|------|
| Speed (Knots) | 60 | 120 | 180 | 240 | 300 | 360 |
| Rate (Feet/Min) | 190 | 380 | 570 | 760 | 950 | 1140 |

CHITOSE REVERSAL TWO DEPARTURE

STANDARD DEPARTURE CHART-INSTRUMENT

RJCJ / CHITOSE

SID

CHITOSE THREE DEPARTURE

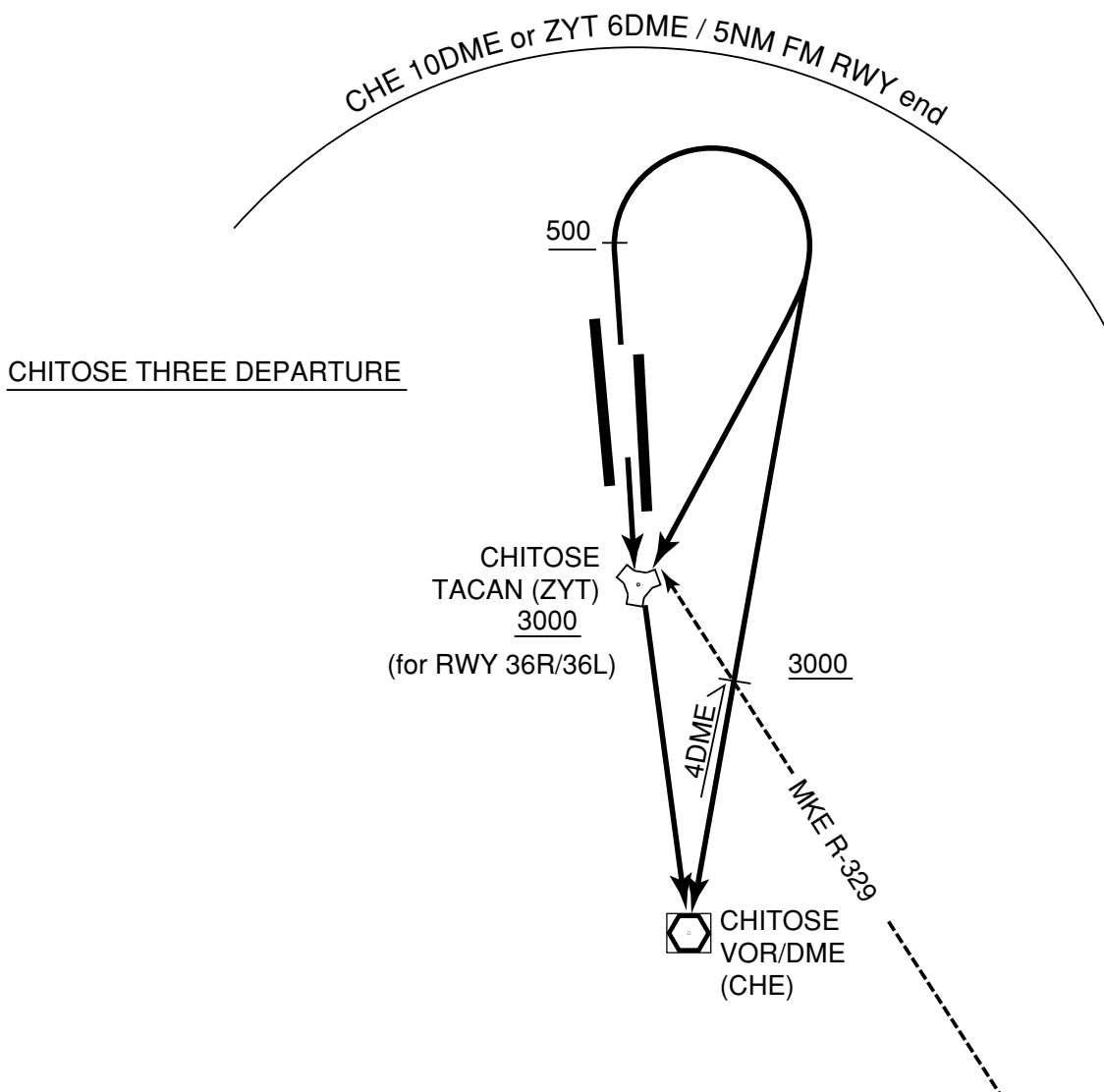
RWY 36R/36L : Climb via RWY HDG to 500ft or above, turn right to CHE VOR/DME (ZYT TACAN) within CHE 10DME (ZYT 6DME/5NM FM RWY end).

Cross 4DME prior to CHE VOR/DME (ZYT TACAN/MKE R-329) at or above 3,000ft.

RWY 18R/18L : Climb direct to CHE VOR/DME (ZYT TACAN).

Note : When take off RWY36L (in case of using ZYT TACAN only), following climb gradient should be maintained until passing 200ft.

| Speed (Knots) | 60 | 120 | 180 | 240 | 300 | 360 |
|-----------------|-----|-----|-----|-----|-----|------|
| Rate (Feet/Min) | 190 | 380 | 570 | 760 | 950 | 1140 |



STANDARD DEPARTURE CHART-INSTRUMENT

RJCJ / CHITOSE

SID

MUKAWA FIVE DEPARTURE

RWY 36R/36L: Climb via RWY HDG to 500ft or above, turn right within 4NM, climb via MKE R-336 to MKE VOR/DME, then via MKE R-202 to TOBBY.

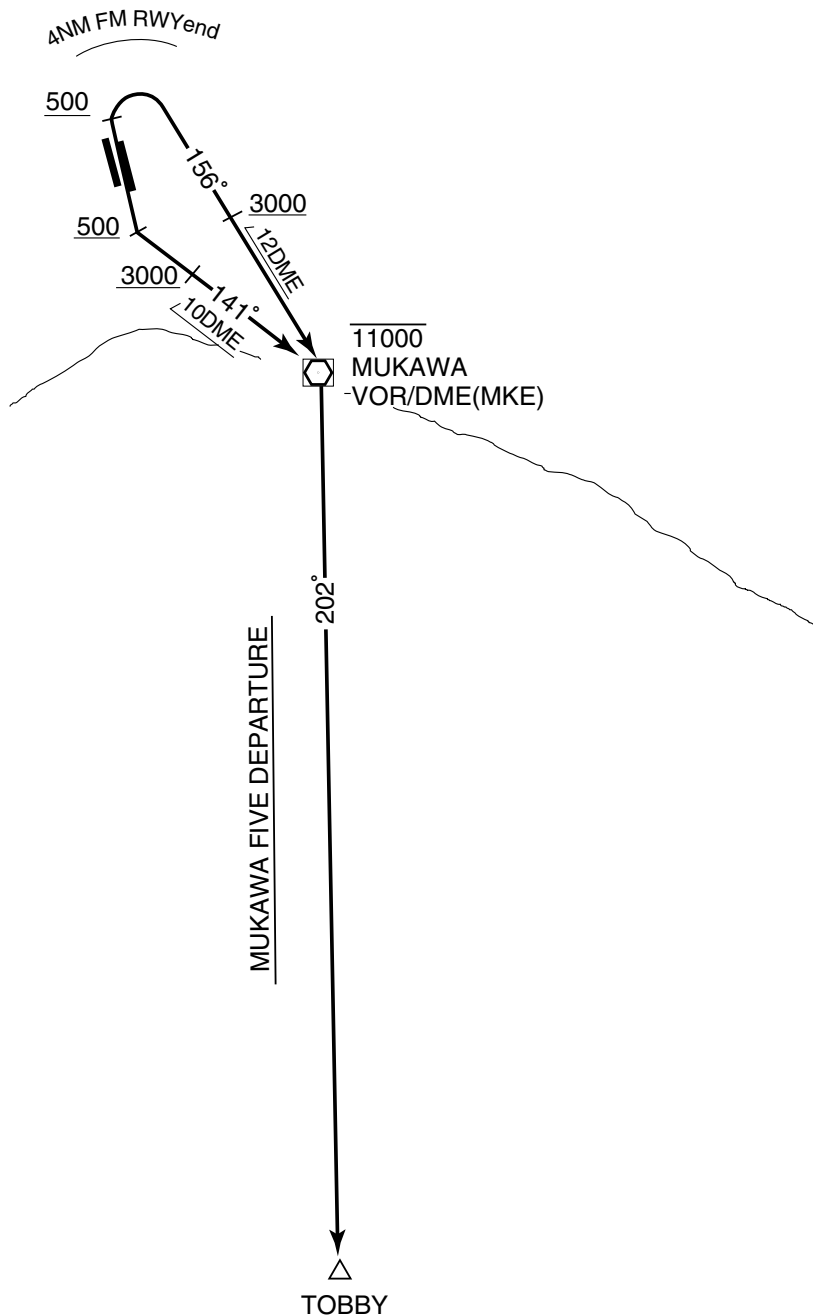
Cross MKE R-336/12DME at or above 3,000ft.

Cross MKE VOR/DME at or below 11,000ft.

RWY 18R/18L: Climb via RWY HDG to 500ft or above, turn left, climb via MKE R-321 to MKE VOR/DME, then via MKE R-202 to TOBBY.

Cross MKE R-321/10DME at or above 3,000ft.

Cross MKE VOR/DME at or below 11,000ft.



STANDARD DEPARTURE CHART-INSTRUMENT

RJCJ / CHITOSE

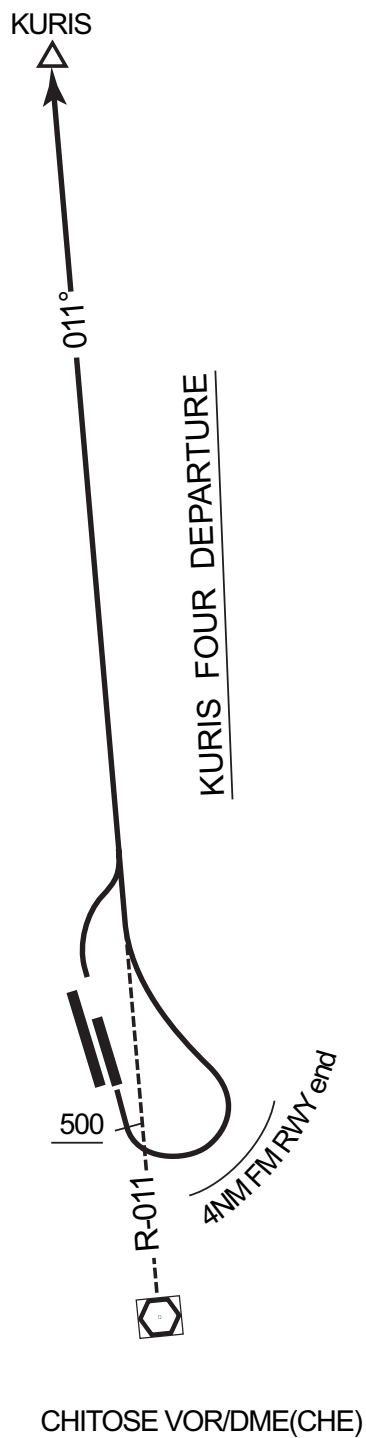
SID

KURIS FOUR DEPARTURE

RWY 36R/36L:

RWY 18R/18L: Climb via RWY HDG to 500ft or above, turn left within 4NM,...

....climb via CHE R-011 to KURIS.



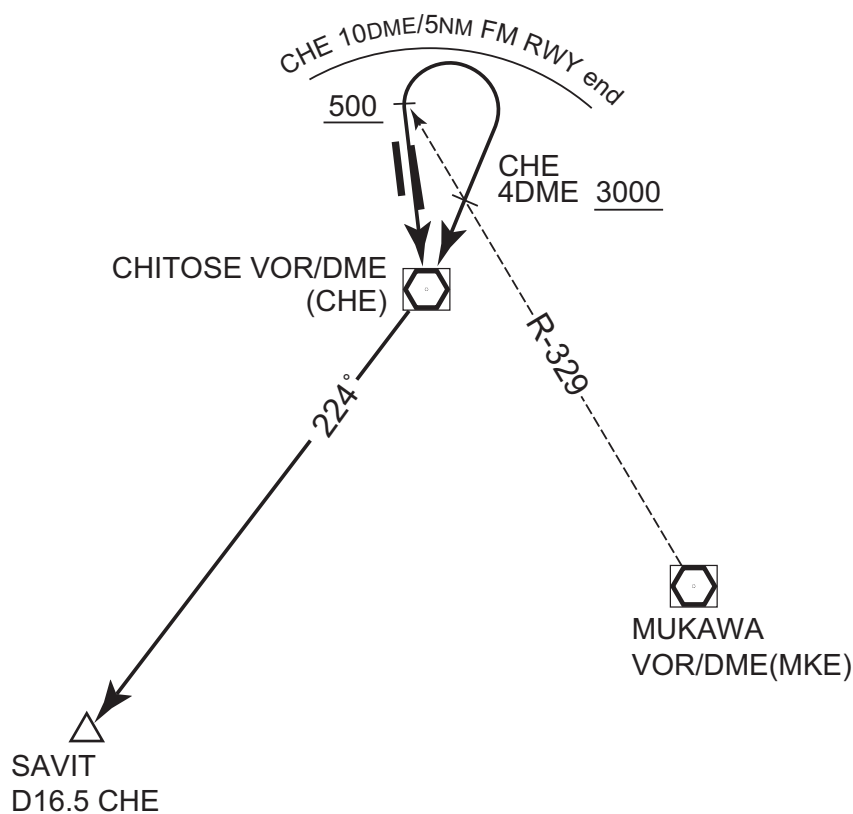
STANDARD DEPARTURE CHART-INSTRUMENT

RJCJ / CHITOSE

SID

SAVIT ONE DEPARTURE

- RWY 36R/36L : Climb via RWY HDG to 500ft or above, turn right to CHE VOR/DME within CHE 10DME (5NM FM RWY end).
Cross 4DME prior to CHE VOR/DME (MKE R-329) at or above 3,000ft....
- RWY 18R/18L : Climb direct to CHE VOR/DME....
....then via CHE R-224 to SAVIT.

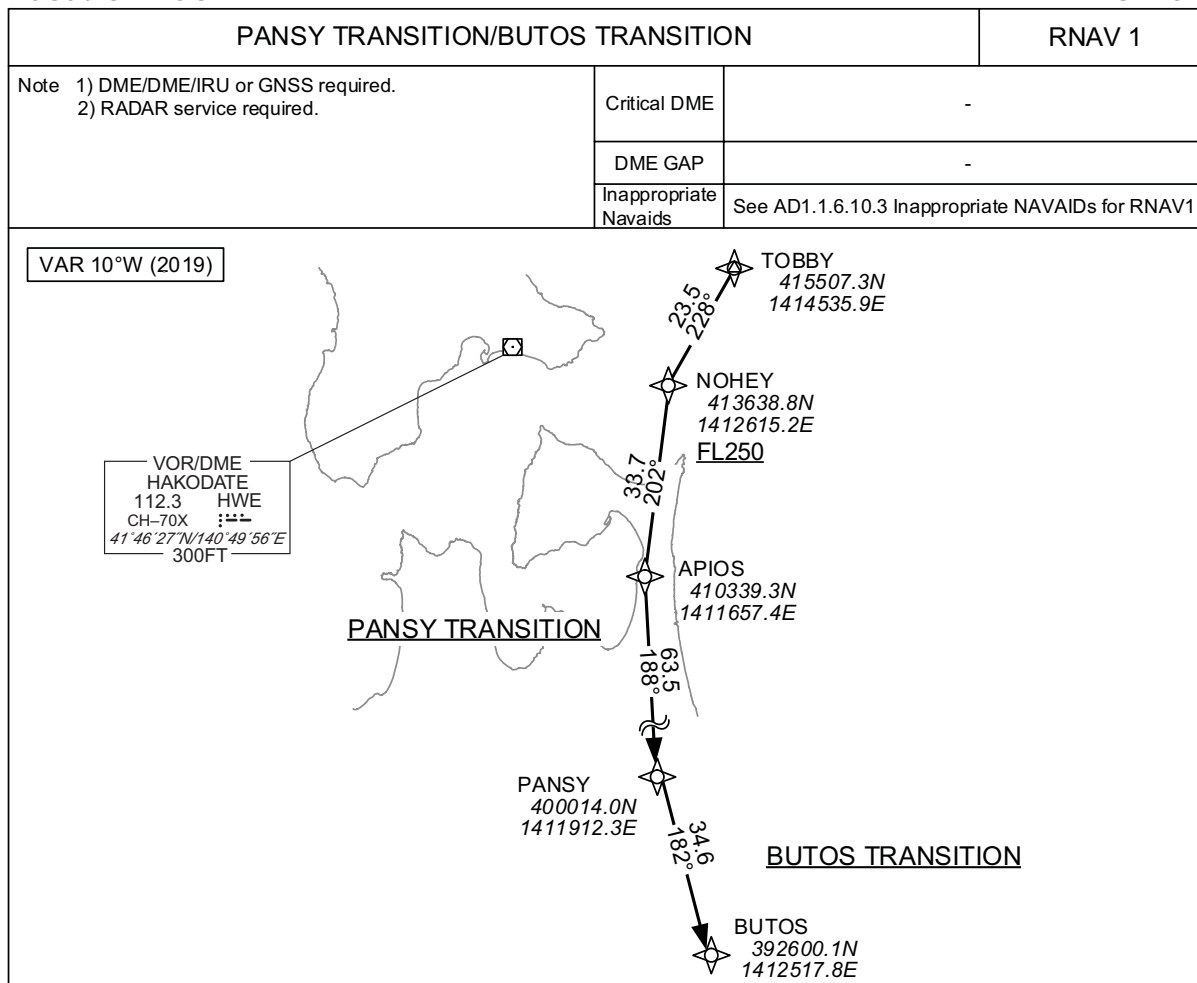
SAVIT ONE DEPARTURE

CHANGE : New PROC

STANDARD DEPARTURE CHART-INSTRUMENT

RJCJ / CHITOSE

RNAV TRANSITION

**PANSY TRANSITION**

From TOBBY, to NOHEY at or above FL250, to APIOS, to PANSY.

| 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 | IF | TOBBY | — | — | -9.5 | — | — | — | — | — | RNAV1 |
| 002 | TF | NOHEY | — | 228 (218.1) | -9.5 | 23.5 | — | +FL250 | — | — | RNAV1 |
| 003 | TF | APIOS | — | 202 (192.0) | -9.5 | 33.7 | — | — | — | — | RNAV1 |
| 004 | TF | PANSY | — | 188 (178.4) | -9.5 | 63.5 | — | — | — | — | RNAV1 |

BUTOS TRANSITION

From TOBBY, to NOHEY at or above FL250, to APIOS, to PANSY, to BUTOS.

| 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 | IF | TOBBY | — | — | -9.5 | — | — | — | — | — | RNAV1 |
| 002 | TF | NOHEY | — | 228 (218.1) | -9.5 | 23.5 | — | +FL250 | — | — | RNAV1 |
| 003 | TF | APIOS | — | 202 (192.0) | -9.5 | 33.7 | — | — | — | — | RNAV1 |
| 004 | TF | PANSY | — | 188 (178.4) | -9.5 | 63.5 | — | — | — | — | RNAV1 |
| 005 | TF | BUTOS | — | 182 (172.2) | -9.5 | 34.6 | — | — | — | — | RNAV1 |

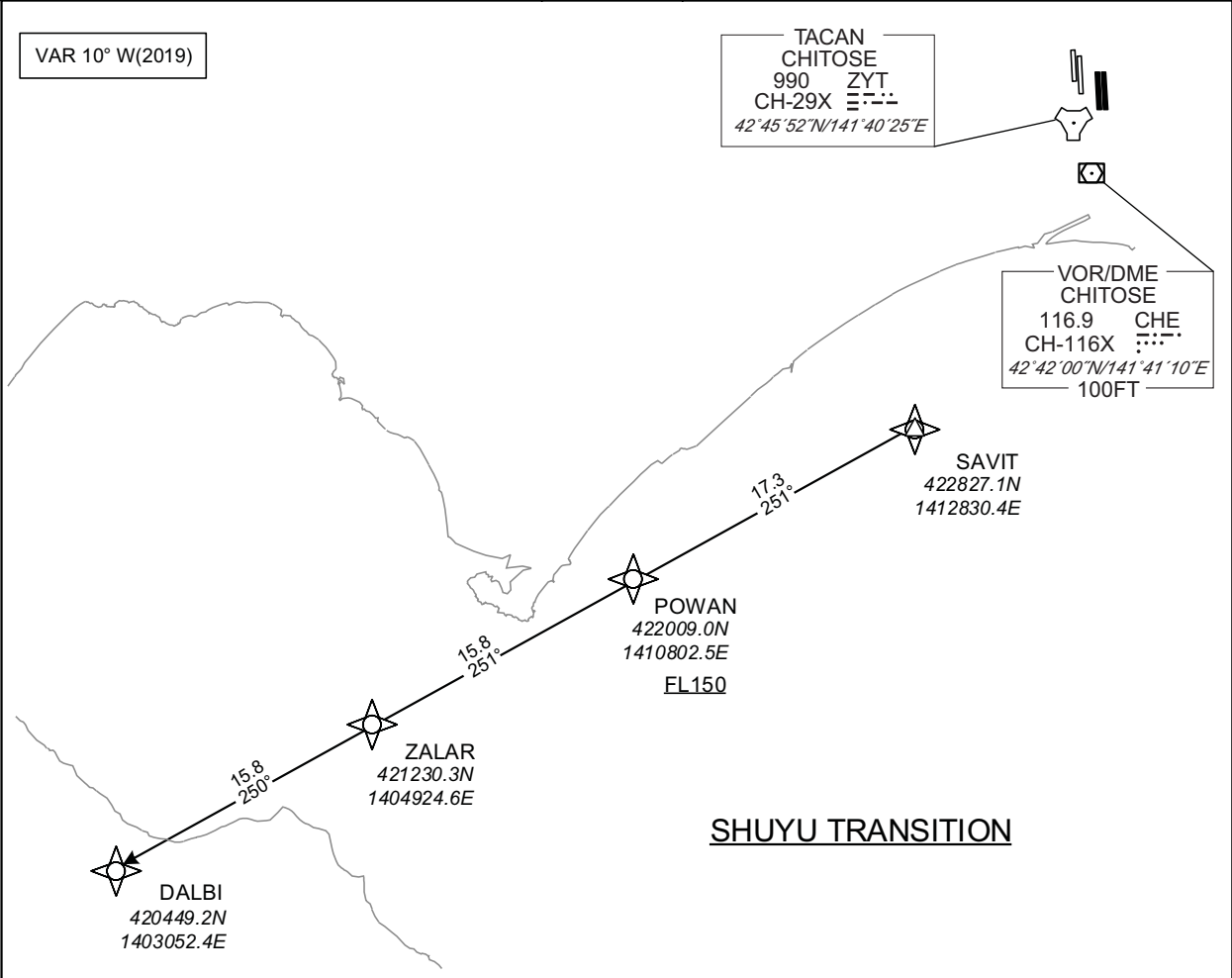
CHANGE : New PROC

STANDARD DEPARTURE CHART-INSTRUMENT

RJCJ / CHITOSE

RNAV TRANSITION

| SHUYU TRANSITION | | | RNAV1 |
|---|------------------------|---|-------|
| Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required. | Critical DME | - | |
| | DME GAP | - | |
| | Inappropriate Nav aids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | |

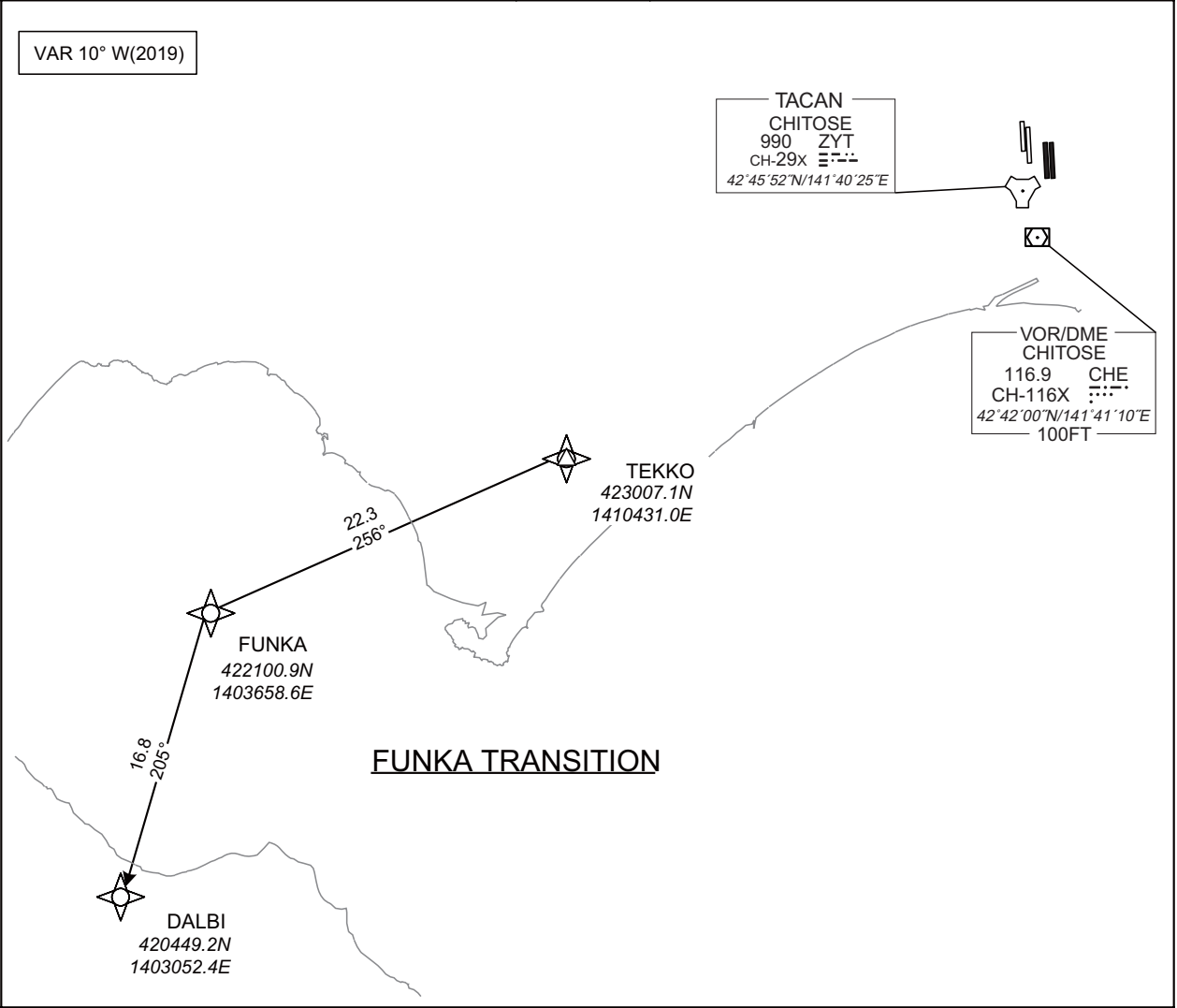


STANDARD DEPARTURE CHART-INSTRUMENT

RJCJ / CHITOSE

RNAV TRANSITION

| FUNKA TRANSITION | | | RNAV1 |
|---|------------------------|---|-------|
| Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required. | Critical DME | MRE : 12.0NM to FUNKA - FUNKA | |
| | DME GAP | - | |
| | Inappropriate Nav aids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | |



FUNKA TRANSITION

From TEKKO, to FUNKA, to DALBI.

CHANGE : Critical DME

| 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 | IF | TEKKO | - | - | -9.5 | - | - | - | - | - | RNAV1 |
| 002 | TF | FUNKA | - | 256 (246.0) | -9.5 | 22.3 | - | - | - | - | RNAV1 |
| 003 | TF | DALBI | - | 205 (195.6) | -9.5 | 16.8 | - | - | - | - | RNAV1 |

STANDARD ARRIVAL CHART-INSTRUMENT

RJCJ / CHITOSE

STAR

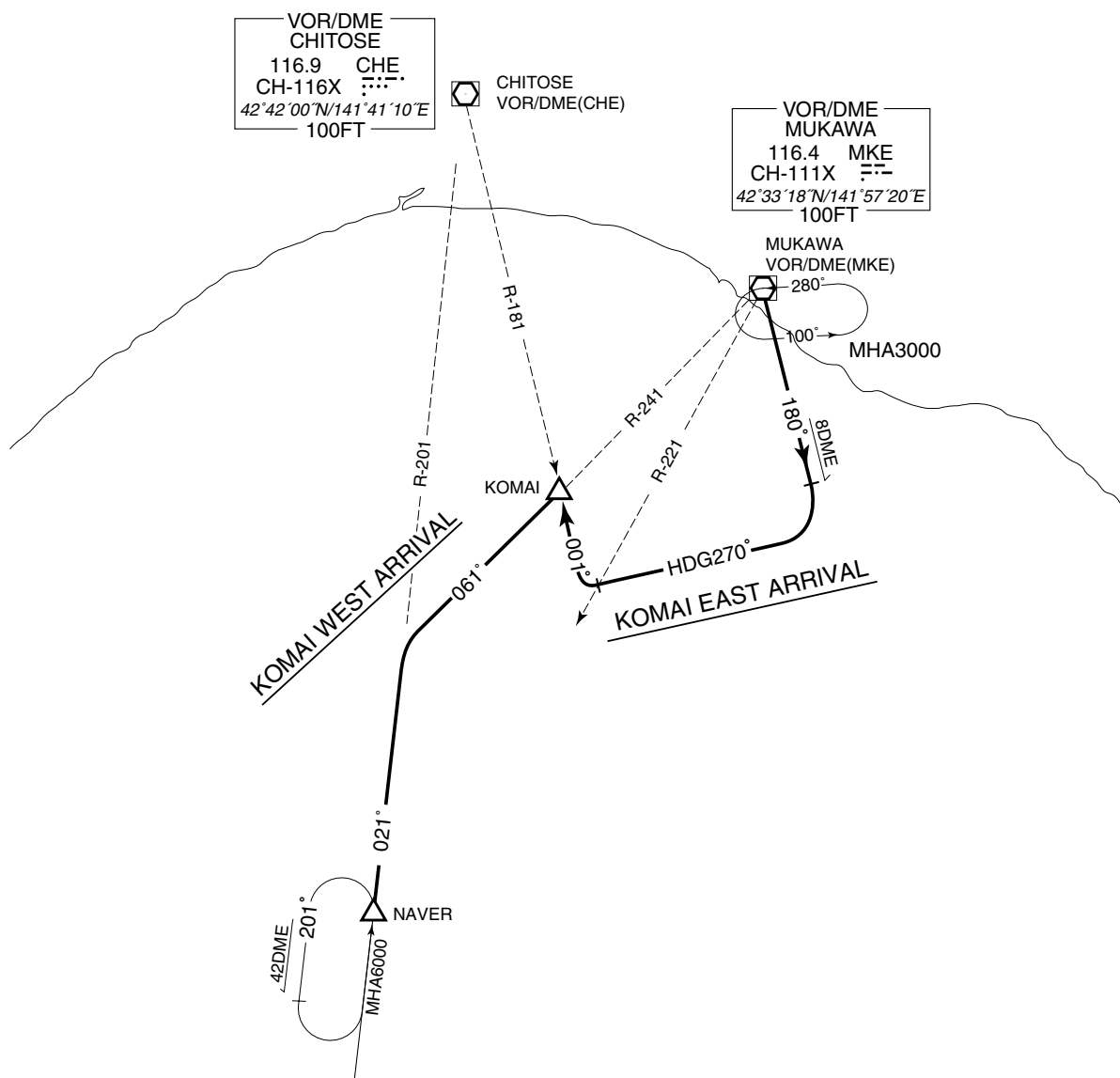
STARs for RWY36

KOMAI WEST ARRIVAL

From over NAVER, via CHE R-201 to intercept and proceed via MKE R-241 to KOMAI.

KOMAI EAST ARRIVAL

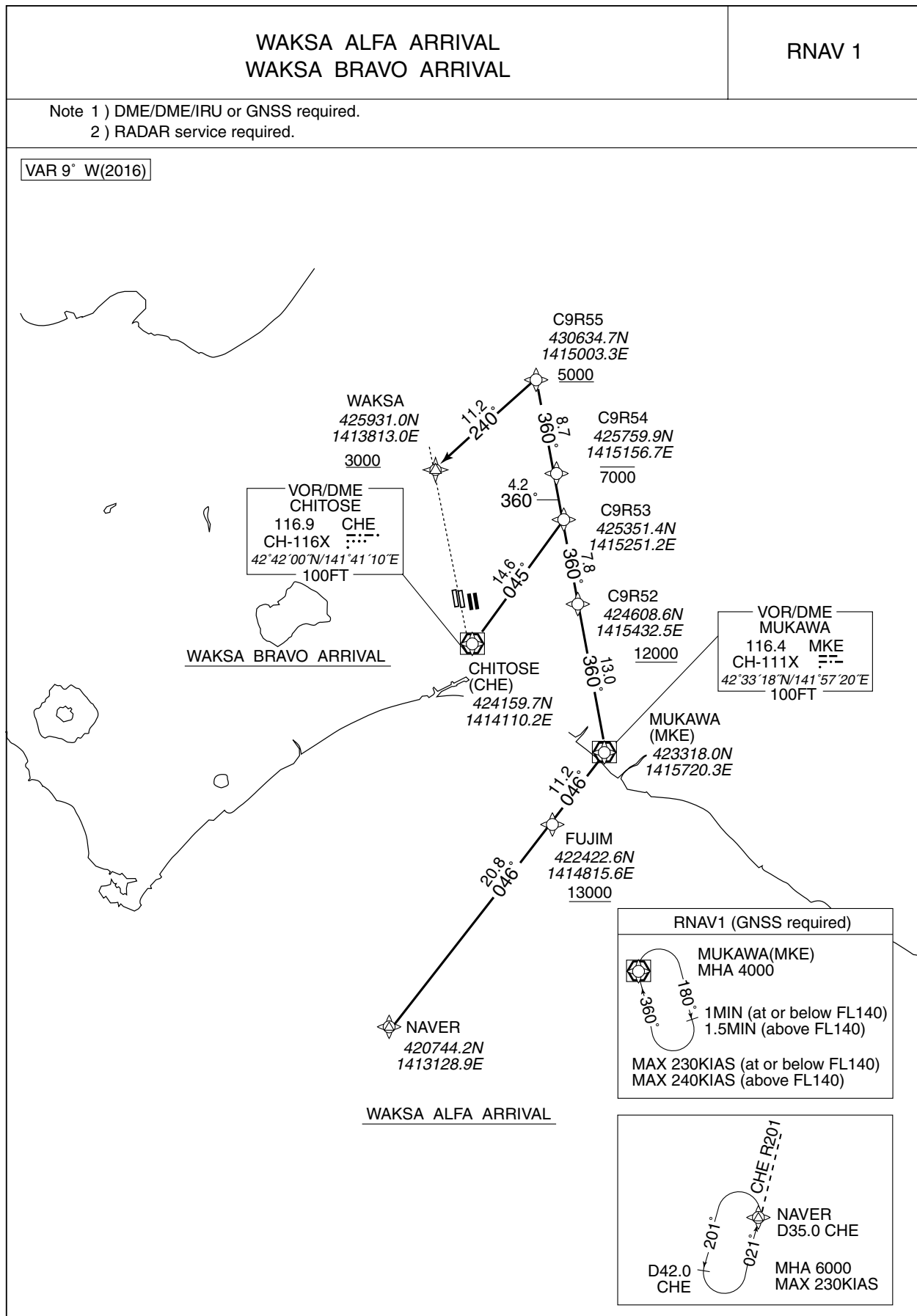
From over MKE VOR/DME, via MKE R-180 to MKE R-180/8DME, turn right, proceed via HDG 270 DEG to intercept MKE R-221, then turn right to intercept CHE R-181 to KOMAI.



STANDARD ARRIVAL CHART-INSTRUMENT

RJCJ / CHITOSE

RNAV STAR RWY18L



STANDARD ARRIVAL CHART-INSTRUMENT

RJCJ / CHITOSE

RNAV STAR RWY18L

WAKSA ALFA ARRIVAL

From NAVER, to FUJIM at or above 13000FT, to MKE, to C9R52 at or above 12000FT, to C9R53, to C9R54 at or below 7000FT, to C9R55 at or above 5000FT, to WAKSA at or above 3000FT.

| | |
|-----------------------|---|
| Critical DME | SPE: C9R55 - WAKSA MKE: 10.0NM to MKE - 3.0NM to MKE 10.0NM to C9R52 - 8.0NM to C9R52 |
| DME GAP | 3.0NM to MKE - 10.0NM to C9R52 |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1 |

| 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 | IF | NAVER | — | — | -9.3 | — | — | — | — | — | RNAV1 |
| 002 | TF | FUJIM | — | 046 (036.6) | -9.3 | 20.8 | — | +13000 | — | — | RNAV1 |
| 003 | TF | MKE | — | 046 (036.8) | -9.3 | 11.2 | — | — | — | — | RNAV1 |
| 004 | TF | C9R52 | — | 360 (350.9) | -9.3 | 13.0 | — | +12000 | — | — | RNAV1 |
| 005 | TF | C9R53 | — | 360 (350.9) | -9.3 | 7.8 | — | — | — | — | RNAV1 |
| 006 | TF | C9R54 | — | 360 (350.9) | -9.3 | 4.2 | — | -7000 | — | — | RNAV1 |
| 007 | TF | C9R55 | — | 360 (350.9) | -9.3 | 8.7 | — | +5000 | — | — | RNAV1 |
| 008 | TF | WAKSA | — | 240 (230.8) | -9.3 | 11.2 | — | +3000 | — | — | RNAV1 |

| Path | Waypoint Identifier | Inbound Course °M(°T) | Magnetic Variation | Outbound Time (MIN) | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS) | Navigation Specification |
|------|---------------------|-----------------------|--------------------|----------------------------|----------------|-----------------------|-----------------------|------------------------------|--------------------------|
| Hold | MUKAWA (MKE) | 360 (350.9) | -9.3 | 1.0(-14000) 1.5(+14001) | R | 4000 | — | -230(-14000) -240(+14001) | RNAV1 |

STANDARD ARRIVAL CHART-INSTRUMENT

RJCJ / CHITOSE

RNAV STAR RWY18L

WAKSA BRAVO ARRIVAL

From CHE, to C9R53, to C9R54 at or below 7000FT, to C9R55 at or above 5000FT, to WAKSA at or above 3000FT.

| | |
|-----------------------|---|
| Critical DME | SPE: C9R55 - WAKSA |
| DME GAP | CHE - 11.0NM to C9R53 |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 |

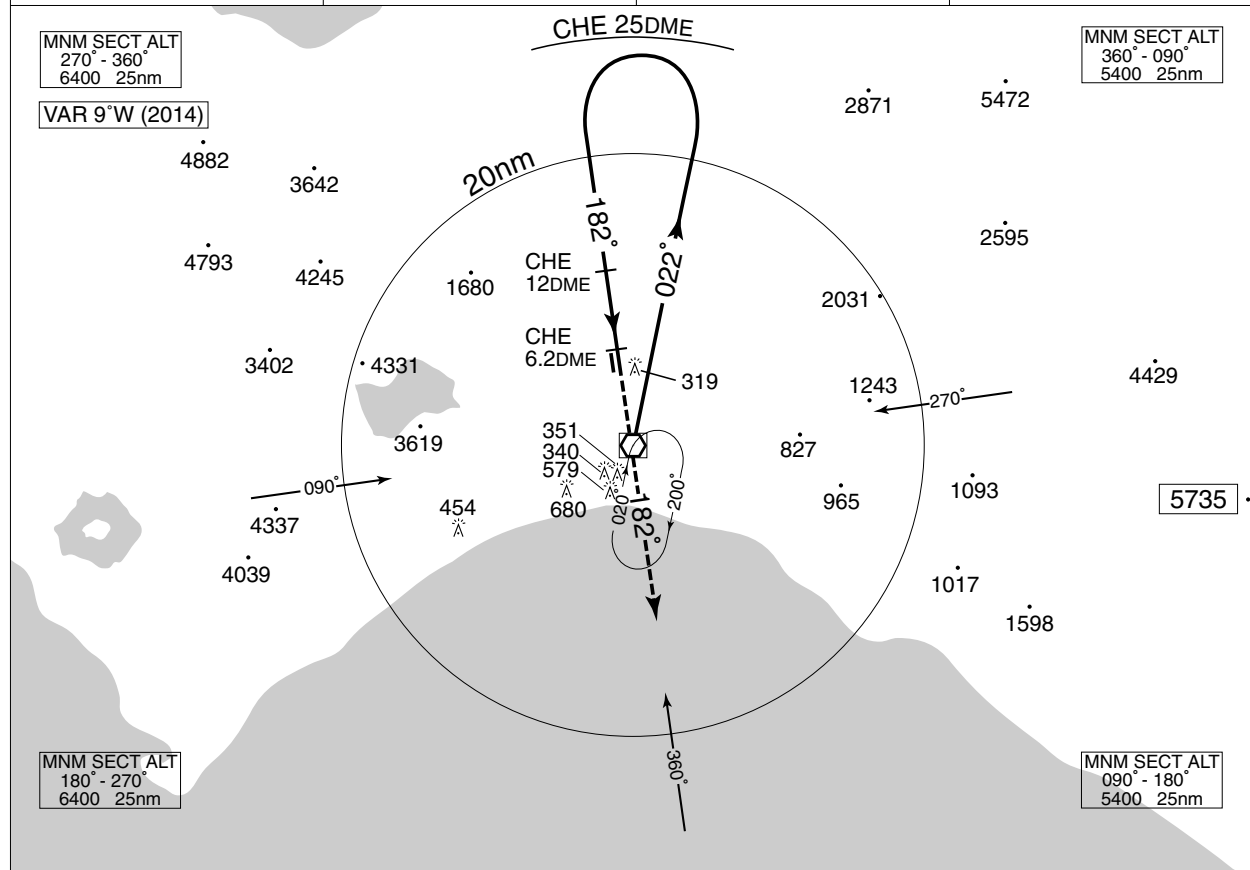
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | IF | CHE | — | — | -9.3 | — | — | — | — | — | RNAV1 |
| 002 | TF | C9R53 | — | 045 (035.8) | -9.3 | 14.6 | — | — | — | — | RNAV1 |
| 003 | TF | C9R54 | — | 360 (350.9) | -9.3 | 4.2 | — | -7000 | — | — | RNAV1 |
| 004 | TF | C9R55 | — | 360 (350.9) | -9.3 | 8.7 | — | +5000 | — | — | RNAV1 |
| 005 | TF | WAKSA | — | 240 (230.8) | -9.3 | 11.2 | — | +3000 | — | — | RNAV1 |

INSTRUMENT APPROACH CHART

RJCJ / CHITOSE

VOR/DME NR.1 RWY 18L

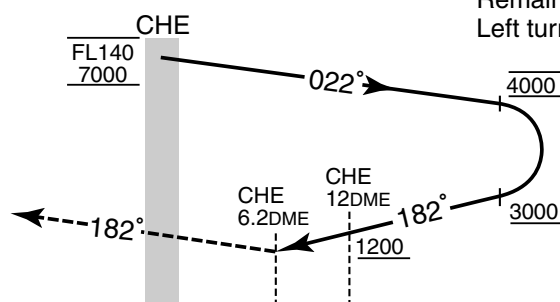
| | | | |
|---|--|--|-----------------|
| CHITOSE APP 120.1-124.7 362.3-305.7 | CHITOSE VOR/DME 116.9 CHE CH-116 42°42'00"N/141°41'10"E | CHITOSE TOWER 126.2 - 118.2 236.8-304.5-121.7G | RADAR AVAILABLE |
|---|--|--|-----------------|



MISSED APPROACH

At 6.2DME prior to CHE VOR/DME,
climb to 4000' (2000' for PROP)
on CHE R-182.
Contact CHITOSE APP.

Remain within CHE 25DME
Left turn start at 4000'.

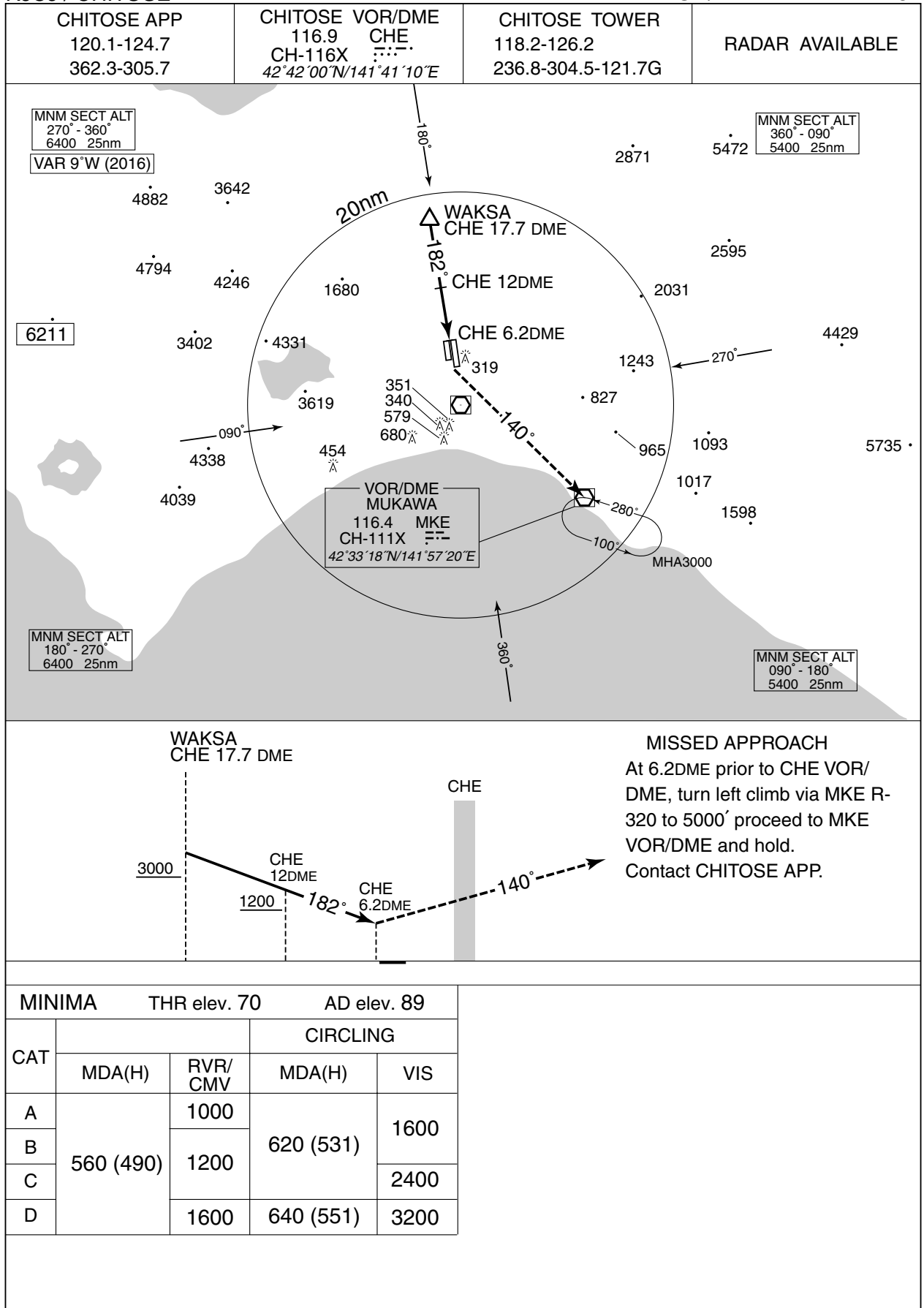


| MINIMA | | THR elev. 70 | AD elev. 89 | |
|--------|-----------|--------------|-------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 560 (490) | 1000 | 620 (531) | 1600 |
| B | | 1200 | | |
| C | | | | 2400 |
| D | | 1600 | 640 (551) | 3200 |

INSTRUMENT APPROACH CHART

RJCH / CHITOSE

VOR/DME NR.2 RWY18L

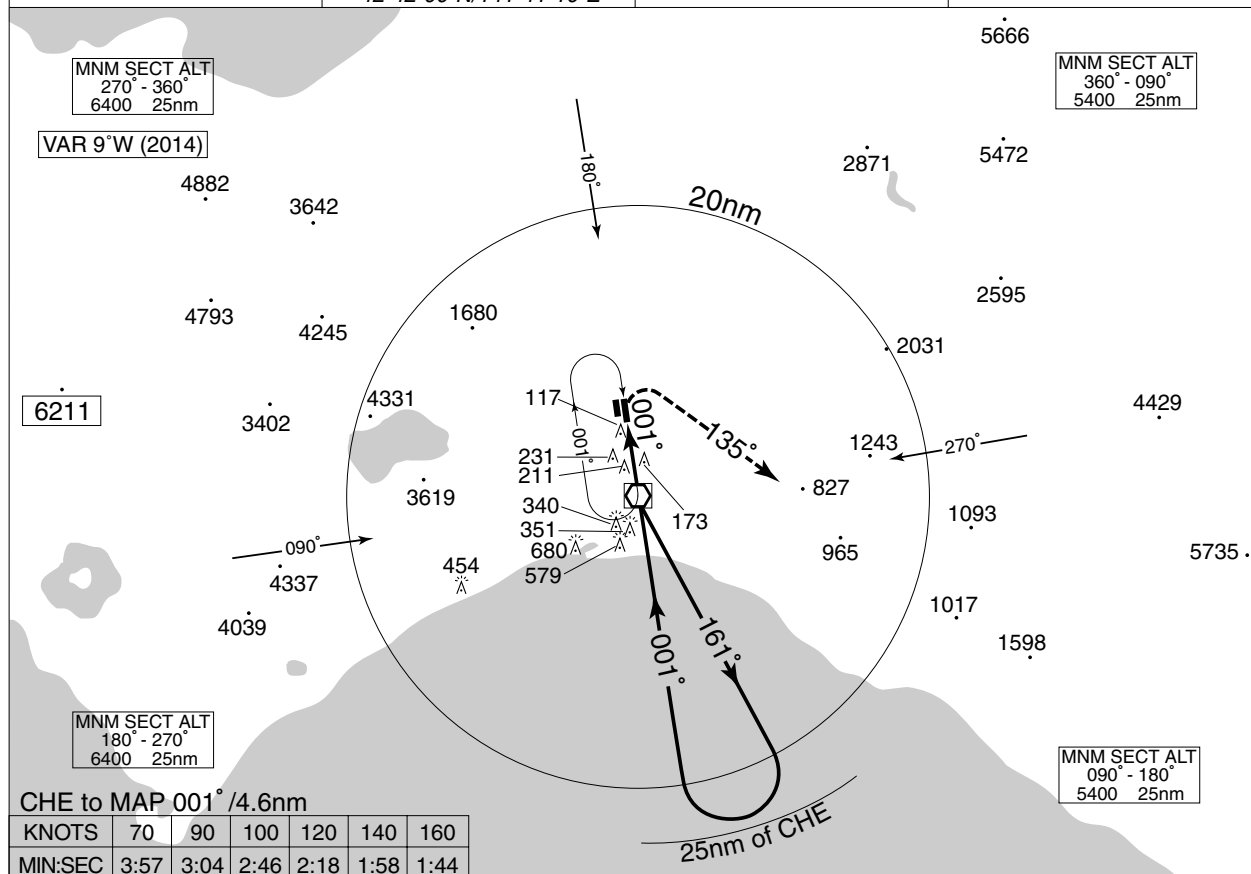


INSTRUMENT APPROACH CHART

RJCJ / CHITOSE

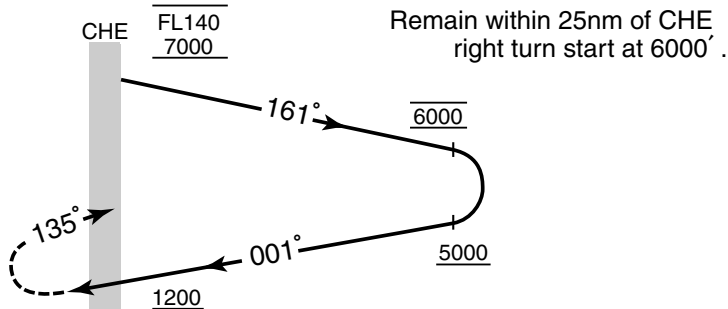
VOR NR.1 RWY 36R

| | | | |
|---|--|--|-----------------|
| CHITOSE APP 120.1 - 124.7 362.3 - 305.7 | CHITOSE VOR/DME 116.9 CHE CH-116 42°42'00"N/141°41'10"E | CHITOSE TOWER 126.2 - 118.2 236.8 - 304.5 - 121.7G | RADAR AVAILABLE |
|---|--|--|-----------------|



MISSED APPROACH

At 4.6nm after passing CHE VOR,
turn right climb to 4000'
(2000' for PROP) on 135°.
Contact CHITOSE APP.

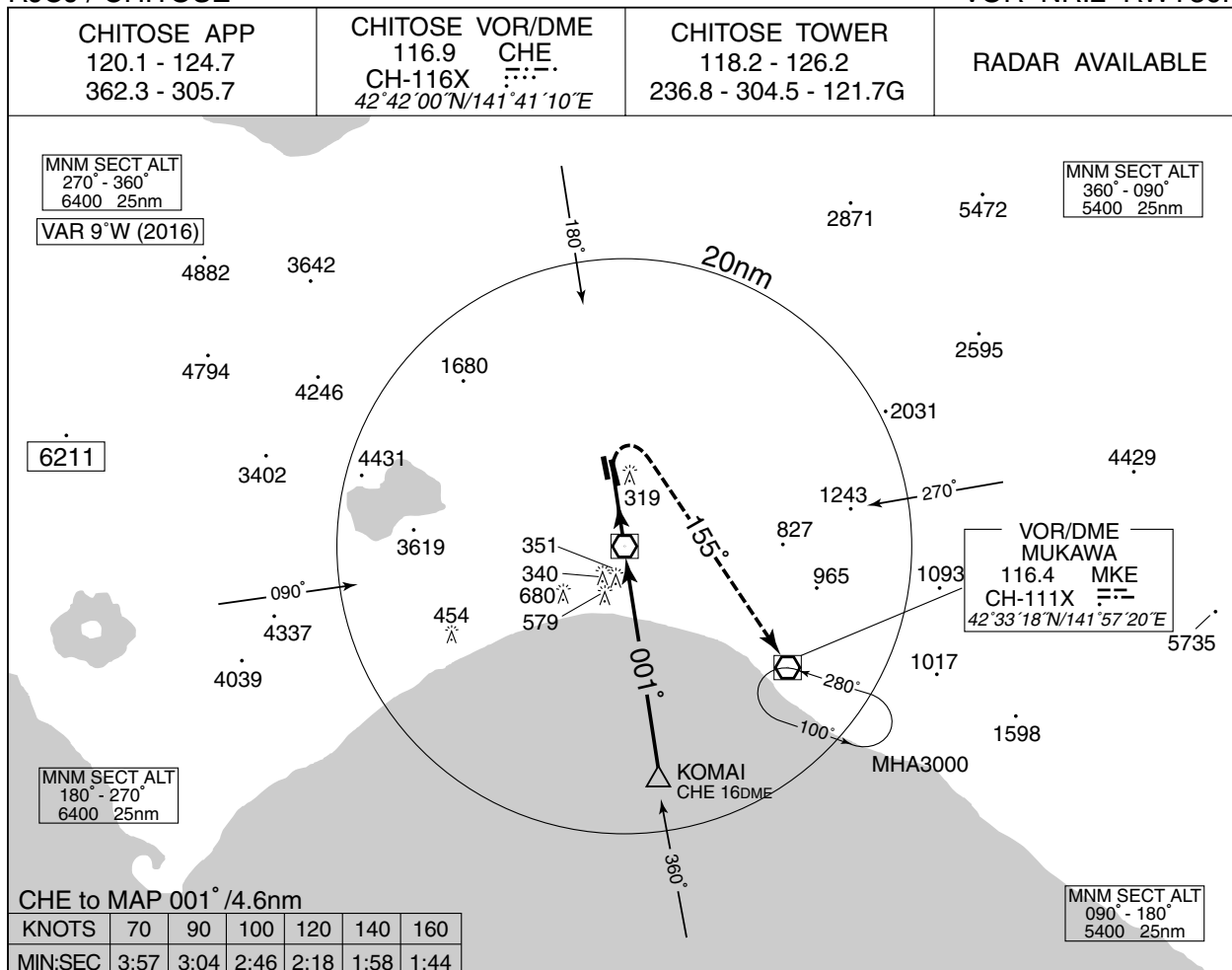


| MINIMA | | THR elev. 85 | AD elev. 89 | |
|--------|-----------|--------------|-------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 620 (531) | 1000 | 620 (531) | 1600 |
| B | | 1200 | | 2400 |
| C | | | | |
| D | | 1600 | 640 (551) | 3200 |

INSTRUMENT APPROACH CHART

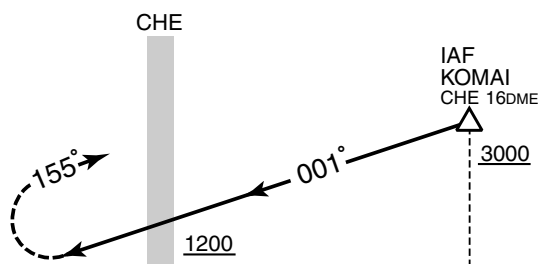
RJCH / CHITOSE

VOR NR.2 RWY36R



MISSED APPROACH

At 4.6nm after passing CHE VOR,
turn right climb via MKE
R-335 to 5000', proceed to
MKE VOR/DME and hold.
Contact CHITOSE APP.

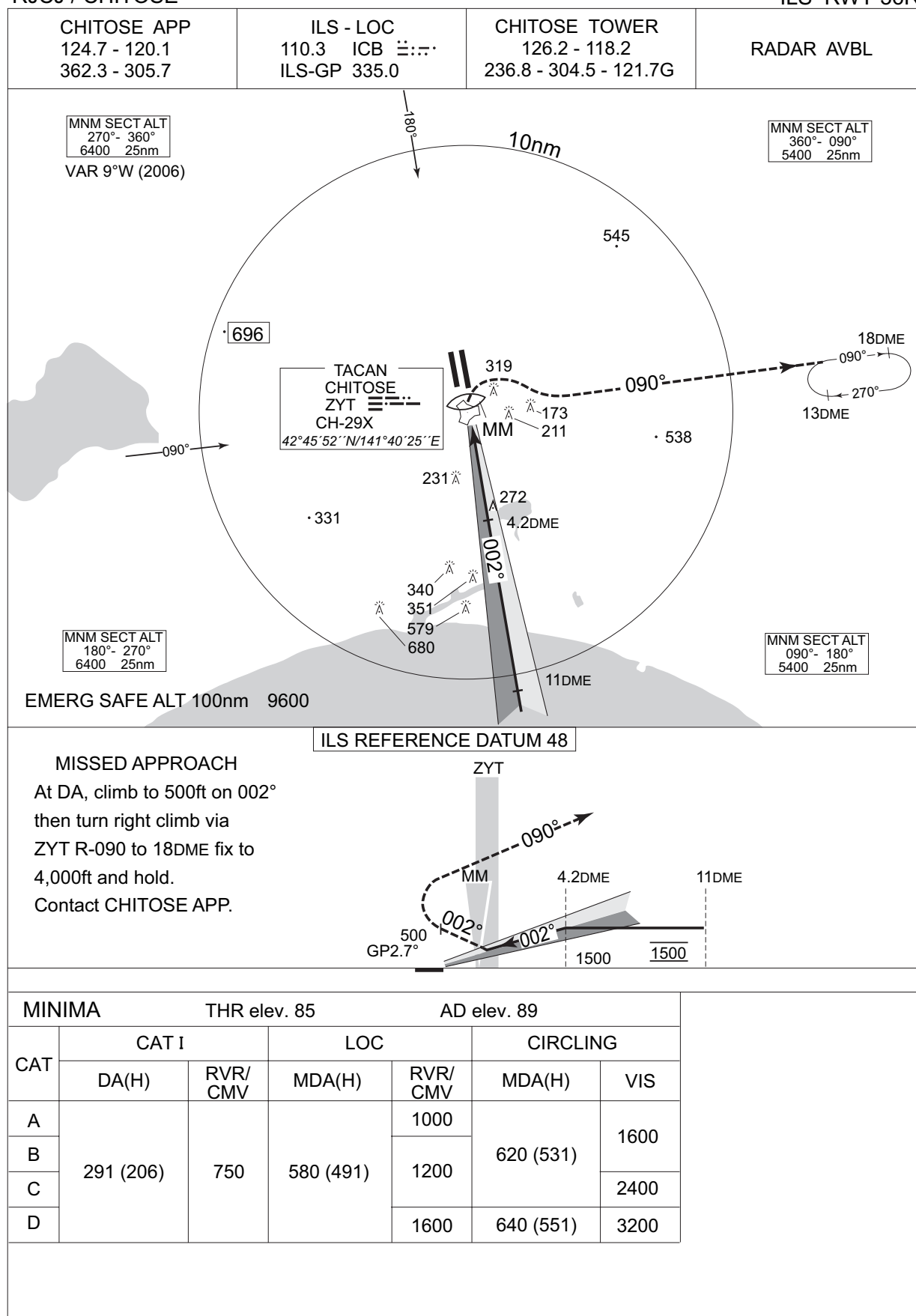


| MINIMA | | THR elev. 85 | AD elev. 89 | |
|--------|-----------|--------------|-------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 620 (531) | 1000 | 620 (531) | 1600 |
| B | | 1200 | | 2400 |
| C | | | | |
| D | | 1600 | 640 (551) | 3200 |

INSTRUMENT APPROACH CHART

RJCJ / CHITOSE

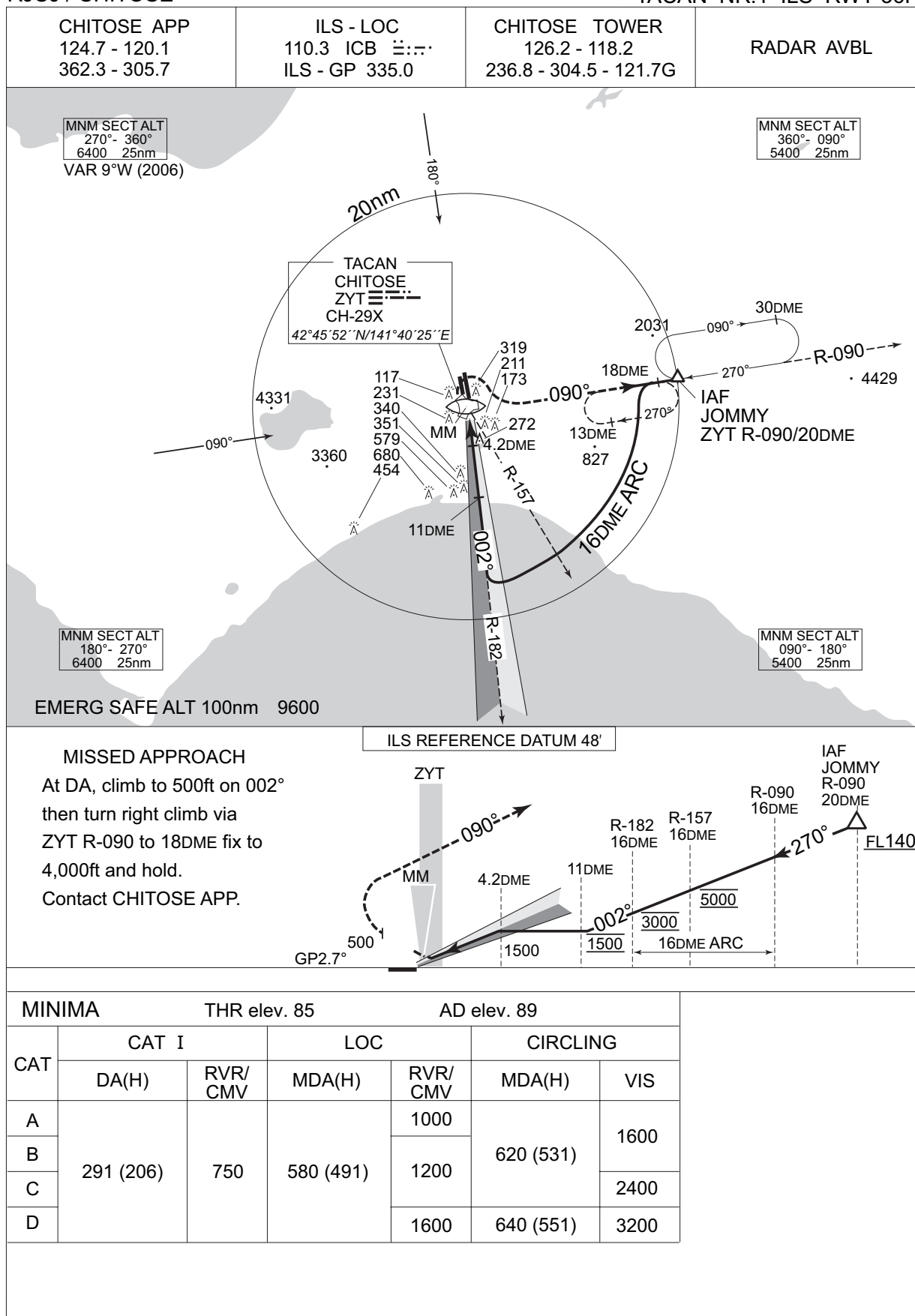
ILS RWY 36R



INSTRUMENT APPROACH CHART

RJCJ / CHITOSE

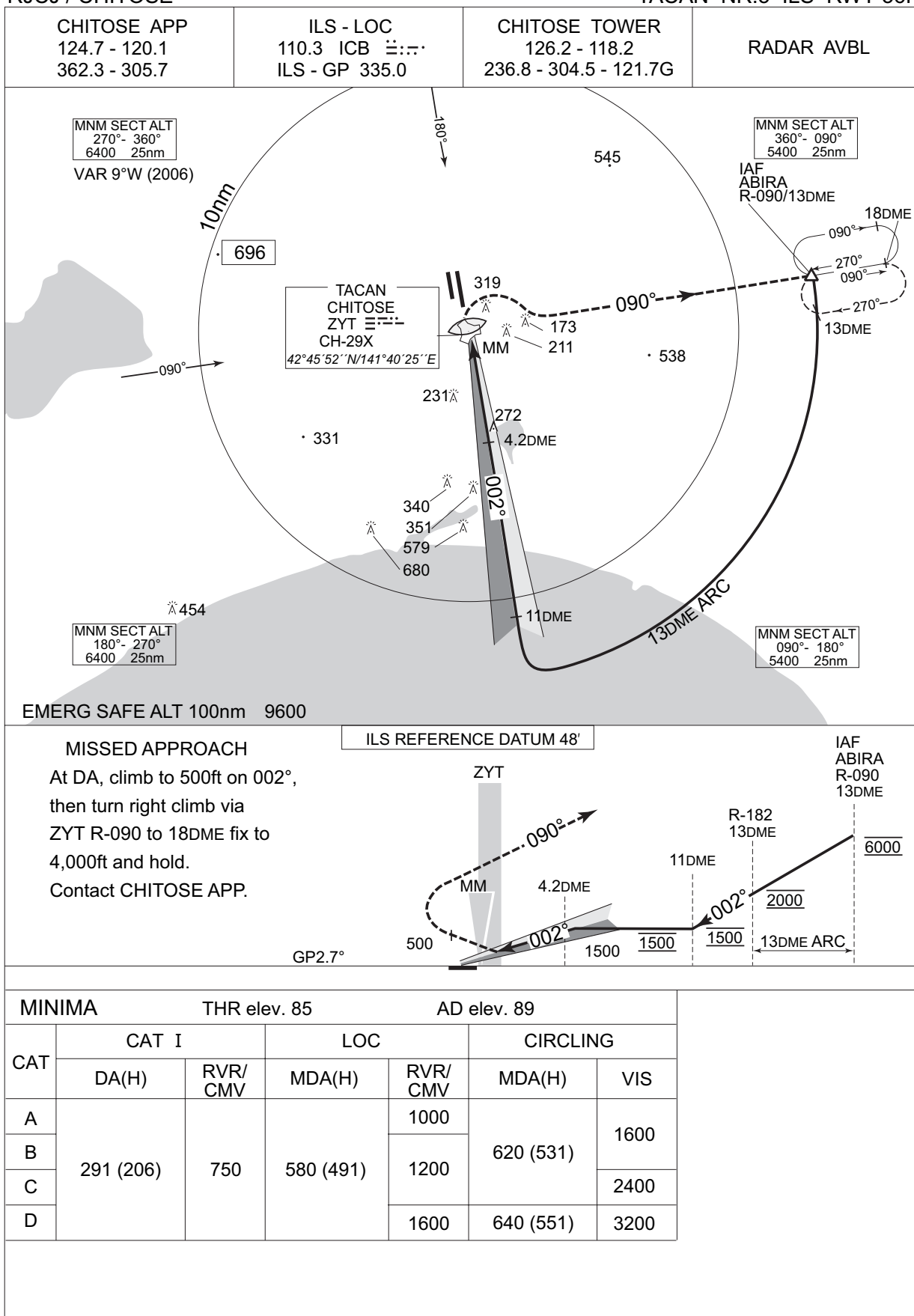
TACAN NR.1 ILS RWY 36R



INSTRUMENT APPROACH CHART

RJCJ / CHITOSE

TACAN NR.5 ILS RWY 36R

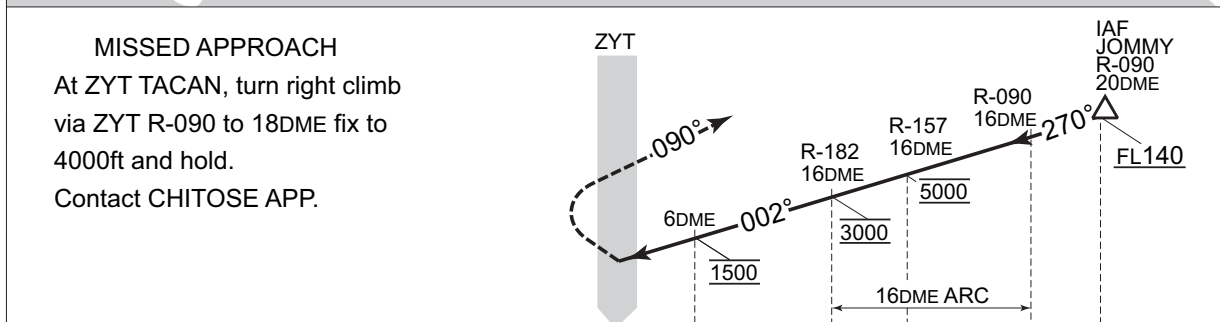
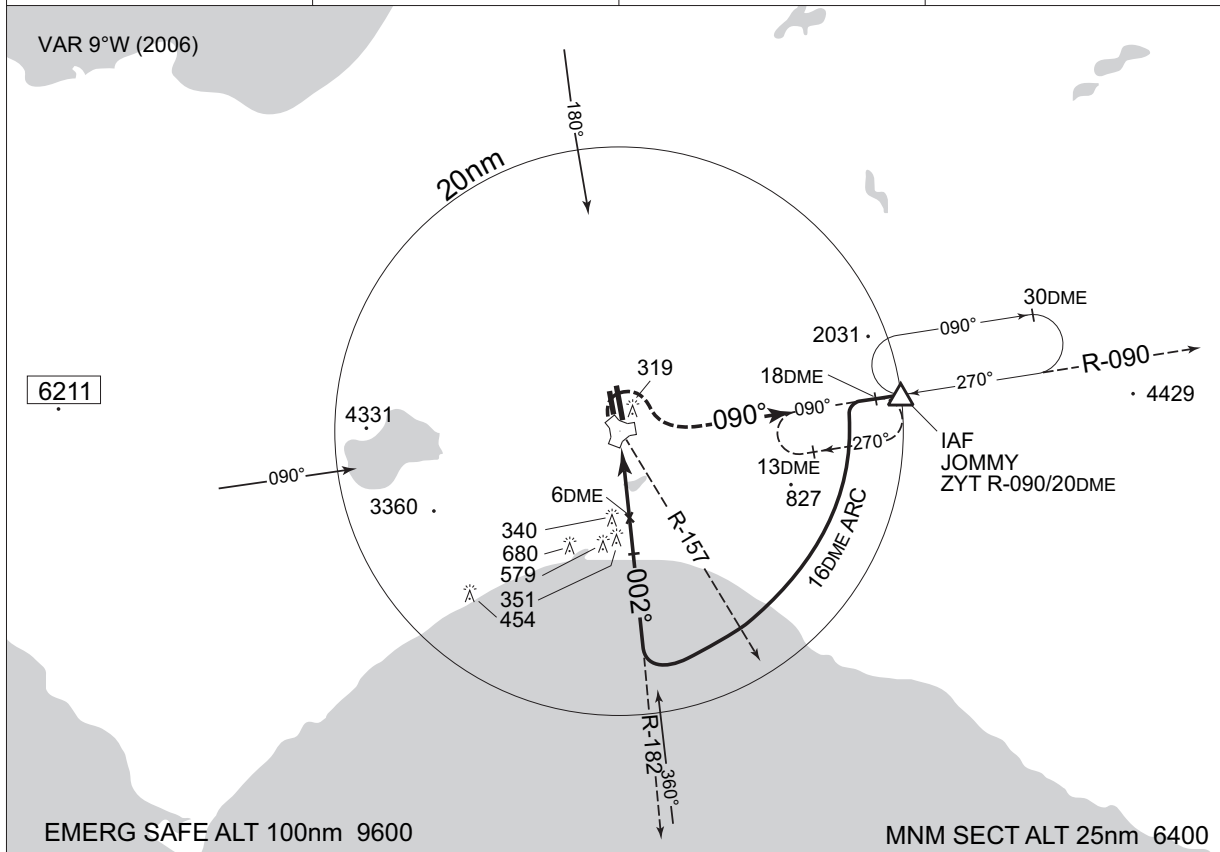


INSTRUMENT APPROACH CHART

RJCJ / CHITOSE

TACAN NR.1 RWY 36R

| | | | |
|---|---|--|-----------------|
| CHITOSE APP 124.7 - 120.1 362.3 - 305.7 | CHITOSE TACAN CH-29 ZYT $\equiv \text{---} \text{---}$ 42°45'52"N/141°40'25"E | CHITOSE TOWER 126.2 - 118.2 236.8 - 304.5 - 121.7G | RADAR AVAILABLE |
|---|---|--|-----------------|

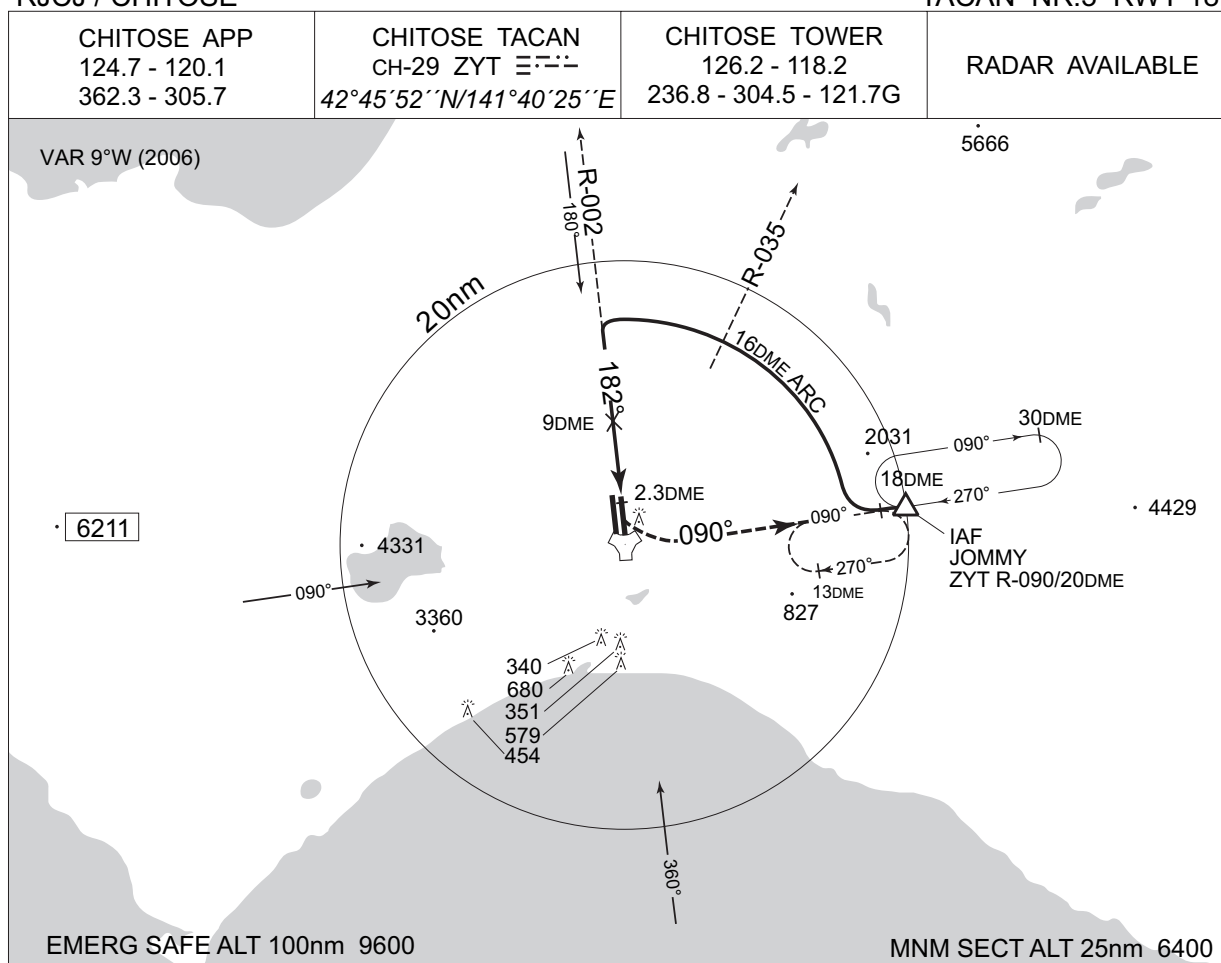


| MINIMA | | THR elev. 85 | AD elev. 89 | |
|--------|-----------|--------------|-------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 600 (511) | 1000 | 600 (511) | 1600 |
| B | | 1200 | | |
| C | | | | 1600 |
| D | | 3200 | | |

INSTRUMENT APPROACH CHART

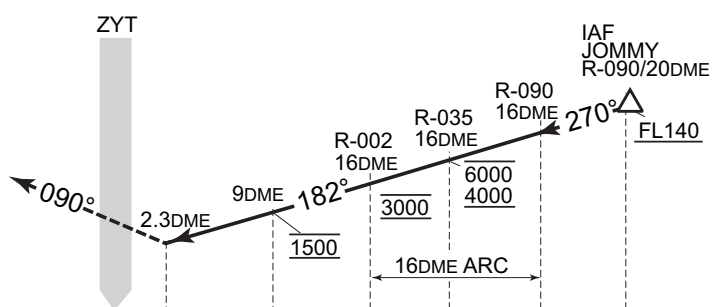
RJCJ / CHITOSE

TACAN NR.3 RWY 18L



MISSED APPROACH

At 2.3 DME prior to ZYT TACAN,
turn left climb via ZYT R-090 to
18DME fix to 4000ft and hold.
Contact CHITOSE APP.



| MINIMA | | THR elev. 70 | AD elev. 89 | |
|--------|-----------|--------------|-------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 600 (530) | 1000 | 600 (511) | 1600 |
| B | | 1200 | | 2400 |
| C | | | | 3200 |
| D | | 1600 | | |

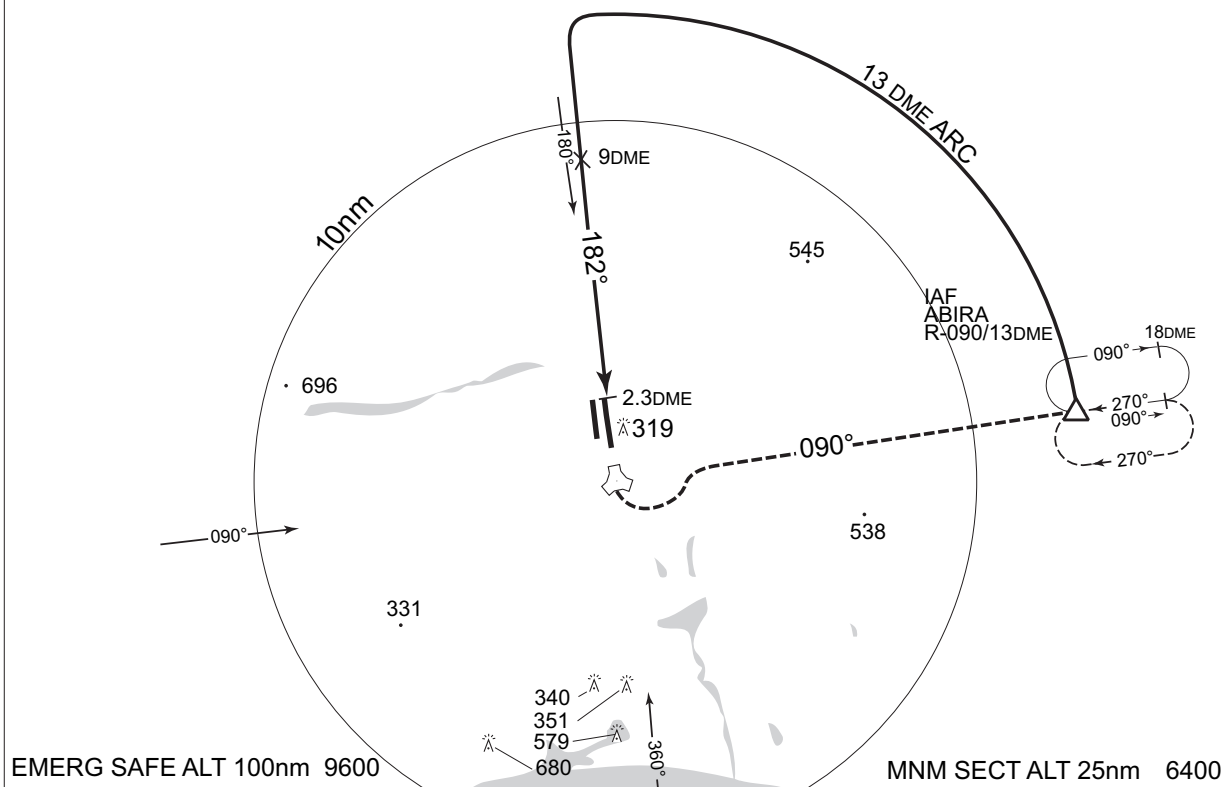
INSTRUMENT APPROACH CHART

RJCJ / CHITOSE

TACAN NR.4 RWY 18L

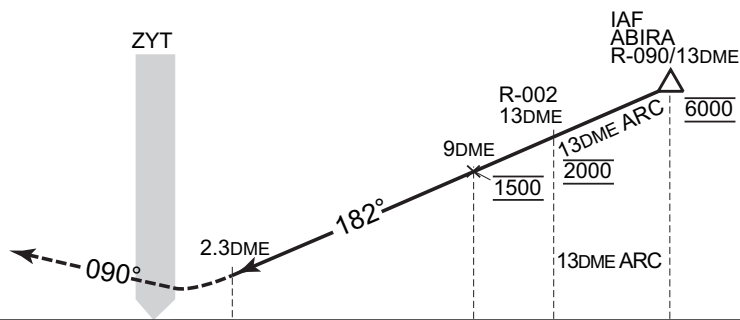
| | | | |
|---|---|--|-----------------|
| CHITOSE APP 124.7 - 120.1 362.3 - 305.7 | CHITOSE TACAN CH-29 ZYT $\equiv \equiv \equiv$ 42°45'52"N/141°40'25"E | CHITOSE TOWER 126.2 - 118.2 236.8 - 304.5 - 121.7G | RADAR AVAILABLE |
|---|---|--|-----------------|

VAR 9°W (2006)



MISSED APPROACH

At 2.3DME prior to ZYT TACAN,
turn left climb via ZYT R-090
to 18DME fix to 4000ft and hold.
Contact CHITOSE APP.

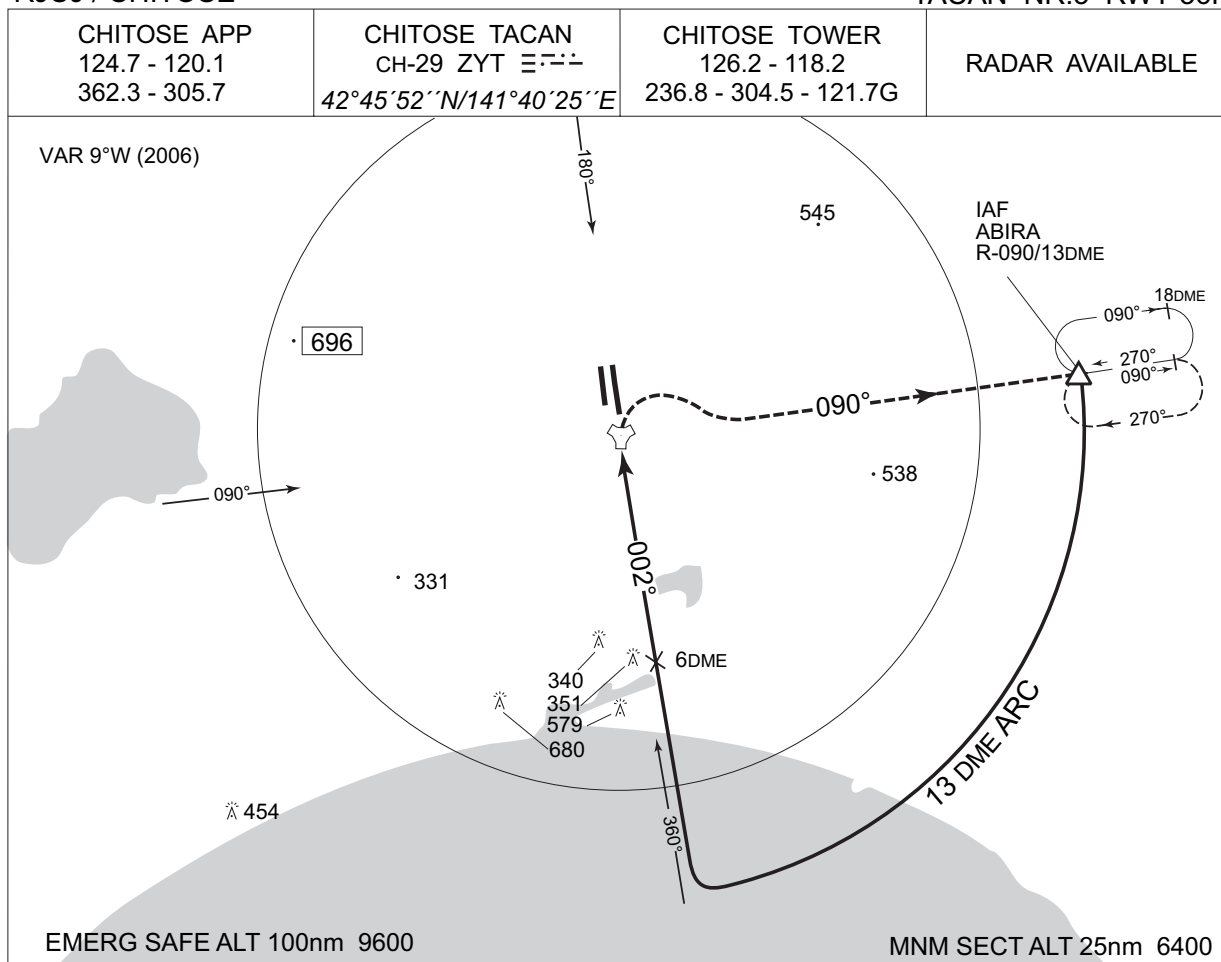


| MINIMA | | THR elev. 70 | AD elev. 89 | |
|--------|-----------|--------------|-------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 600 (530) | 1000 | 600 (511) | 1600 |
| B | | 1200 | | 2400 |
| C | | | | |
| D | | 1600 | | 3200 |

INSTRUMENT APPROACH CHART

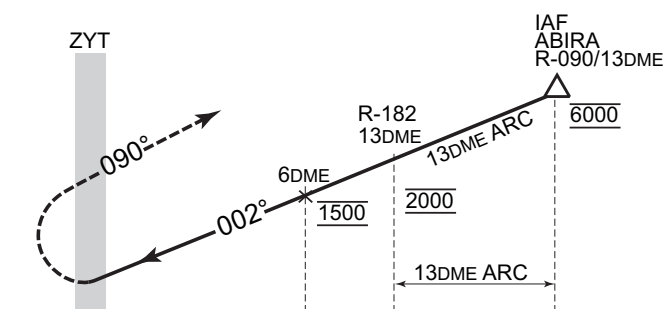
RJCJ / CHITOSE

TACAN NR.5 RWY 36R



MISSED APPROACH

At ZYT TACAN, turn right climb
via ZYT R-090 to 18DME fix to
4000ft and hold.
Contact CHITOSE APP.



| MINIMA | | THR elev. 85 | AD elev. 89 | |
|--------|-----------|--------------|-------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 600 (511) | 1000 | 600 (511) | 1600 |
| B | | | | |
| C | | 1200 | | 2400 |
| D | | 1600 | | 3200 |