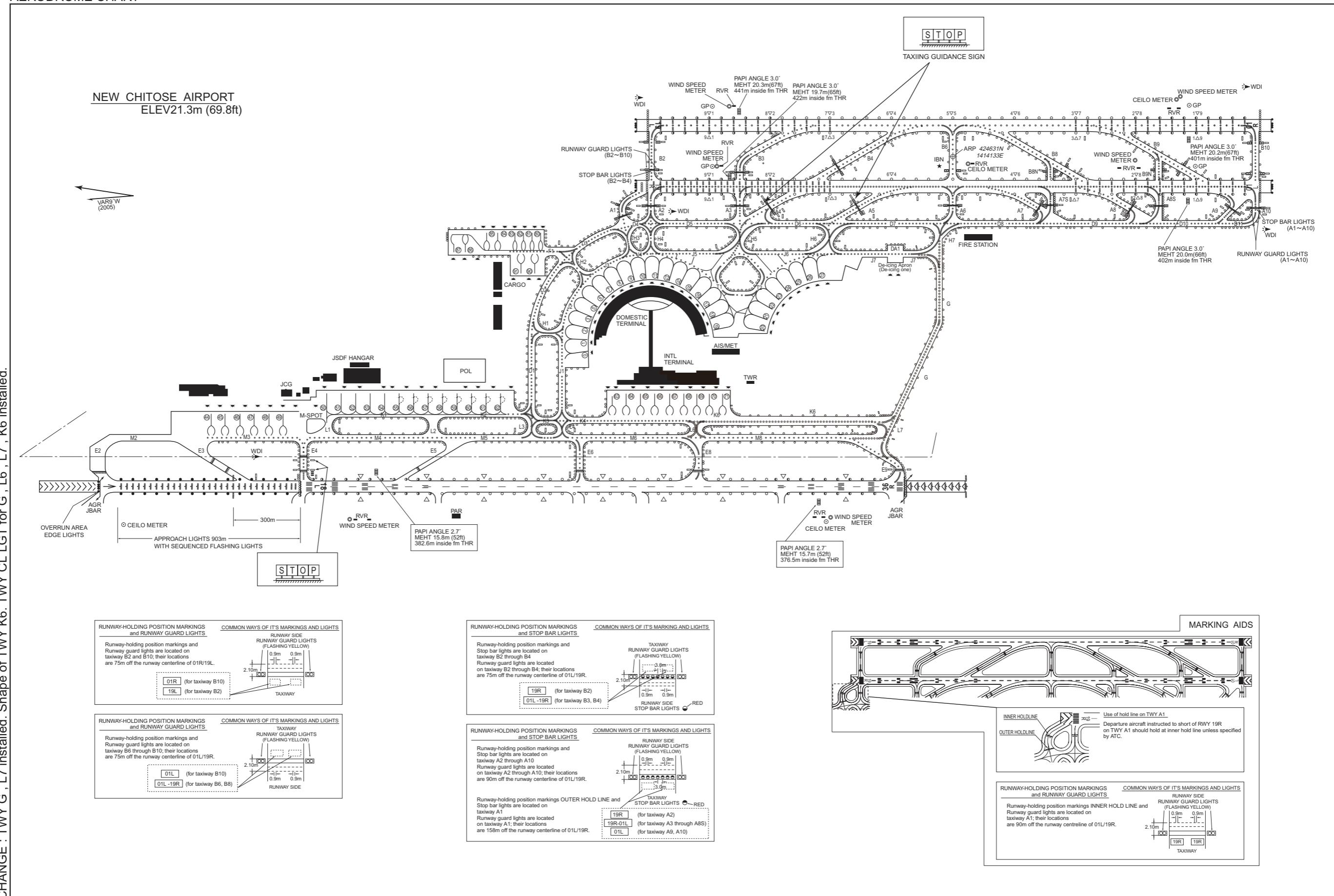
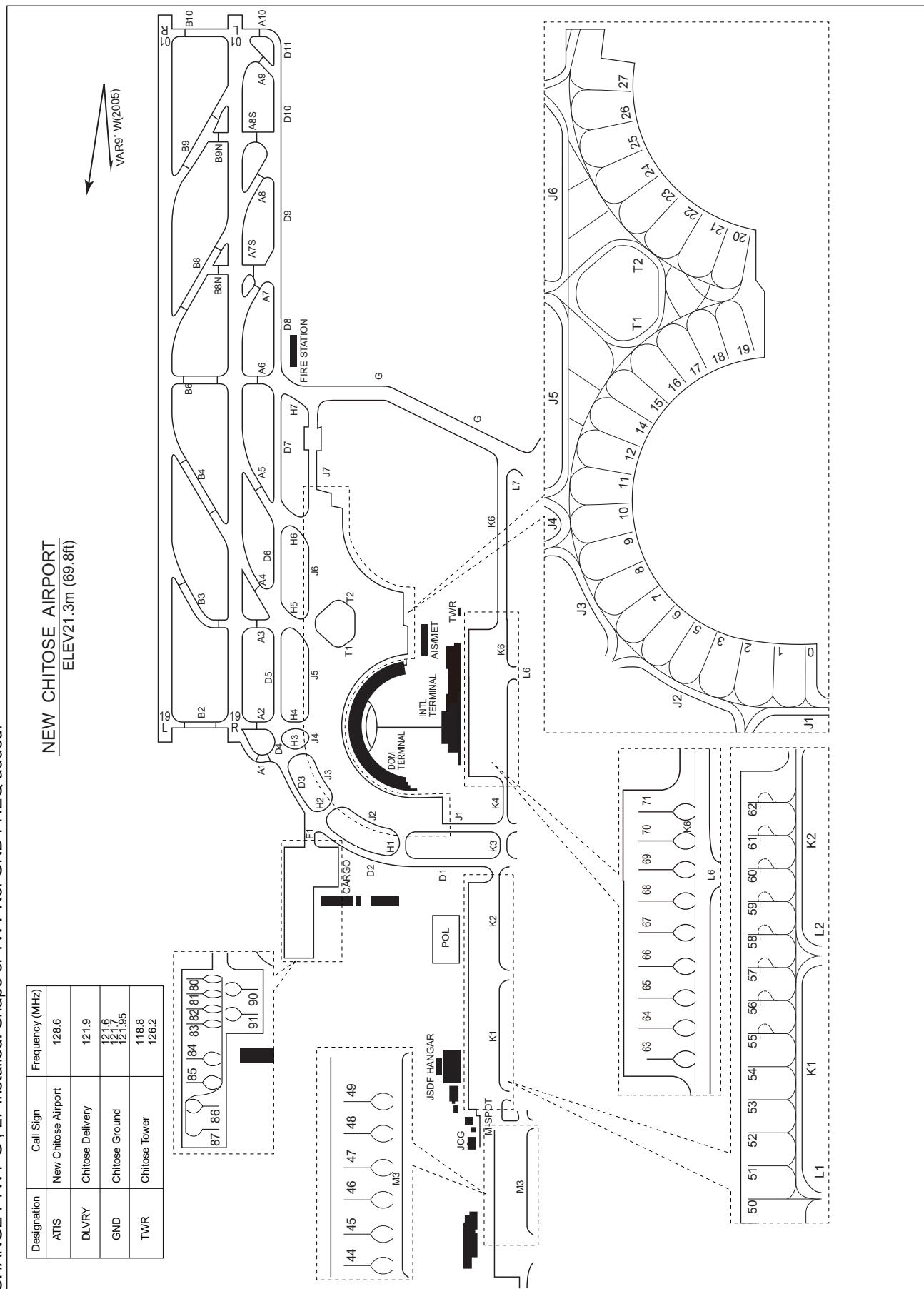


AERODROME CHART



RJCC / NEW CHITOSE

AD CHART

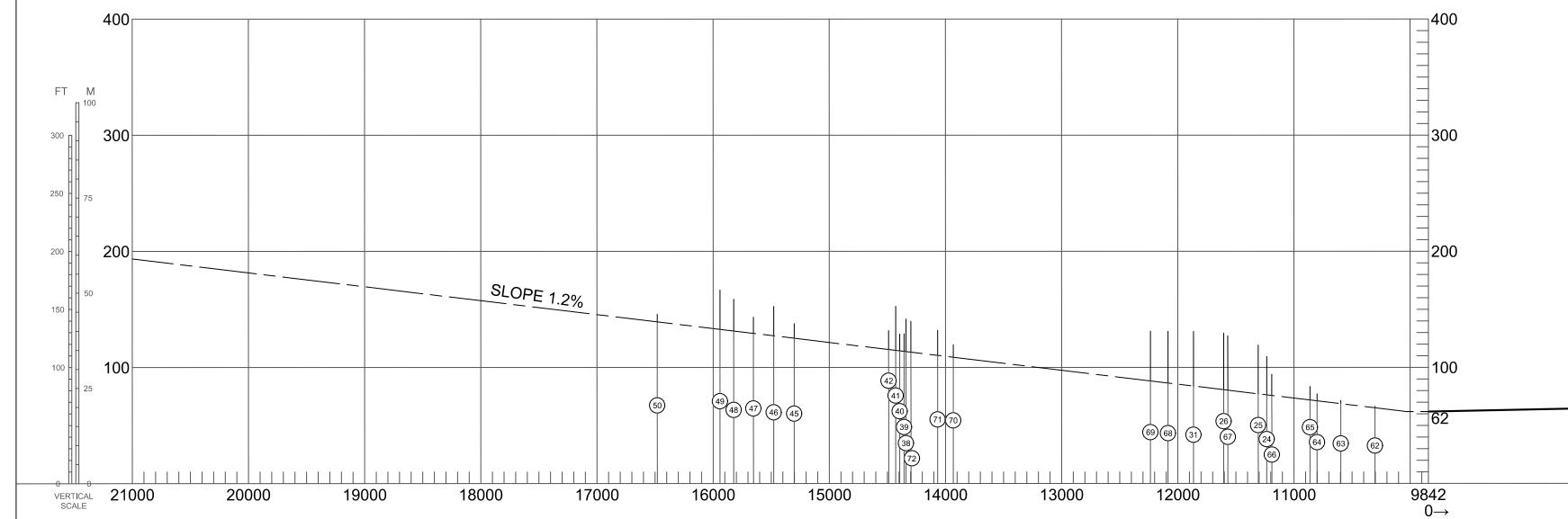


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AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATING LIMITATIONS)

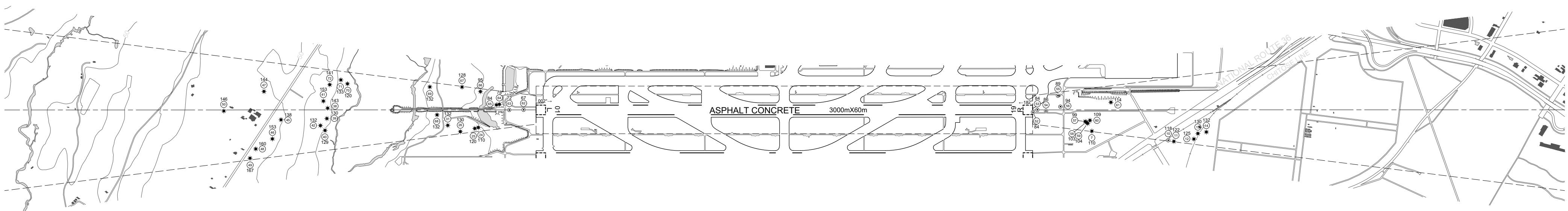
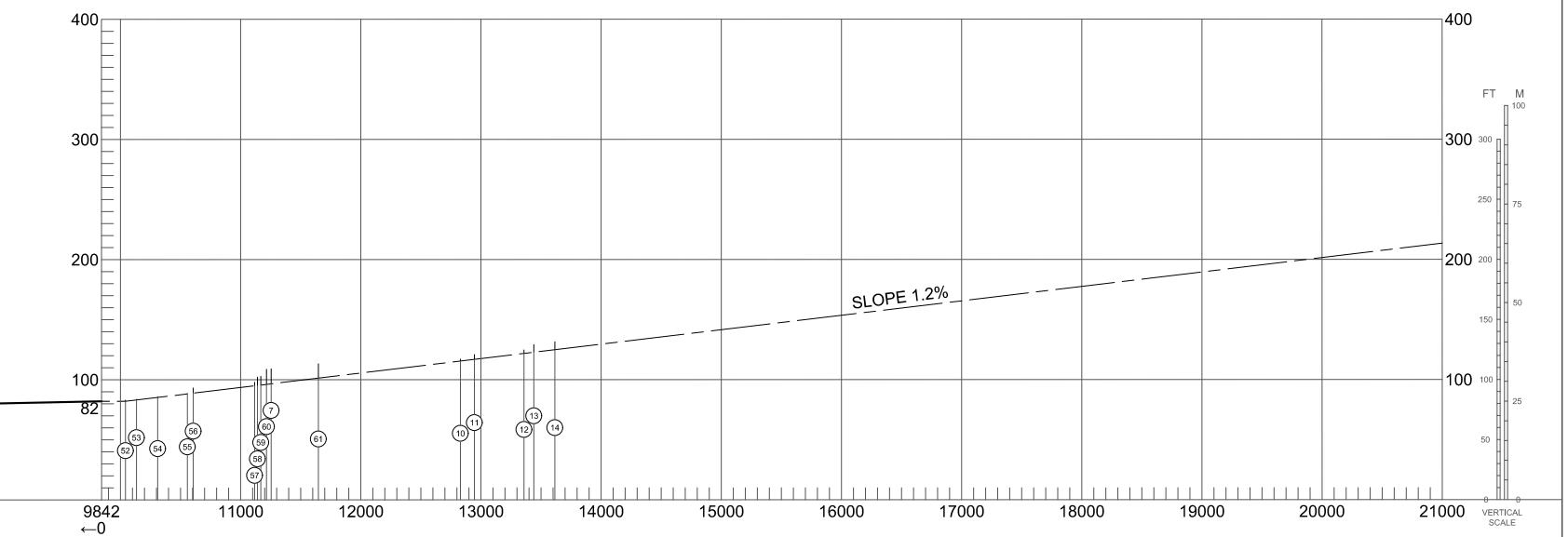
DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

MAGNETIC VARIATION 9°33' W-APR 2020



NEW CHITOSE AIRPORT
RWY : 01L/19R

| DECLARED DISTANCES | |
|--|---------|
| RWY 01L | RWY 19R |
| 3000m TAKE OFF RUN AVAILABLE | 3000m |
| 3000m TAKE OFF DISTANCE AVAILABLE | 3000m |
| 3000m ACCELERATE STOP DISTANCE AVAILABLE | 3000m |
| 3000m LANDING DISTANCE AVAILABLE | 3000m |



CHANGE:Update

| LEGEND | | | AMENDMENT RECORD | | |
|--------|-------------------------------------|------------|---------------------|--|--|
| Nr | Date | Entered By | | | |
| (1) | IDENTIFICATION NUMBER | | | | |
| ○ | POLE, TOWER, SPIRE, ANTENNA, ETC | | | | |
| ★ | AERONAUTICAL GROUND LIGHT | | | | |
| ※ | OBSTRUCTION LIGHT | | | | |
| ■ | BUILDING OR LARGE STRUCTURE | | | | |
| — | RAILROAD | ▲ | TRIANGULATION POINT | | |
| — | TRANSMISSION LINE OR OVERHEAD CABLE | | | | |
| — | LEVEE | | | | |
| ● | RIVER | | | | |
| ◆ | LAKE | | | | |
| — | CONTOURS(1) | | | | |

AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATING LIMITATIONS)

DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

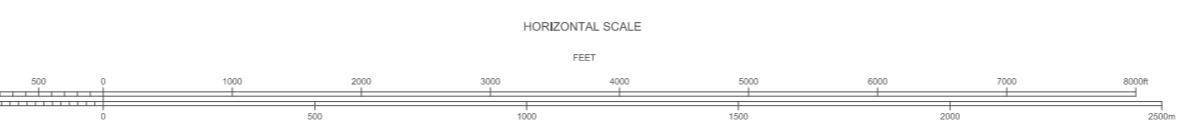
MAGNETIC VARIATION 9°33' W-APR 2020



NEW CHITOSE AIRPORT
RWY : 01R/19L
DECLARED DISTANCES
RWY 01R RWY 19L
3000m TAKE OFF RUN AVAILABLE 3000m
3000m TAKE OFF DISTANCE AVAILABLE 3000m
3000m ACCELERATE STOP DISTANCE AVAILABLE 3000m
3000m LANDING DISTANCE AVAILABLE 3000m



CHANGE:Update

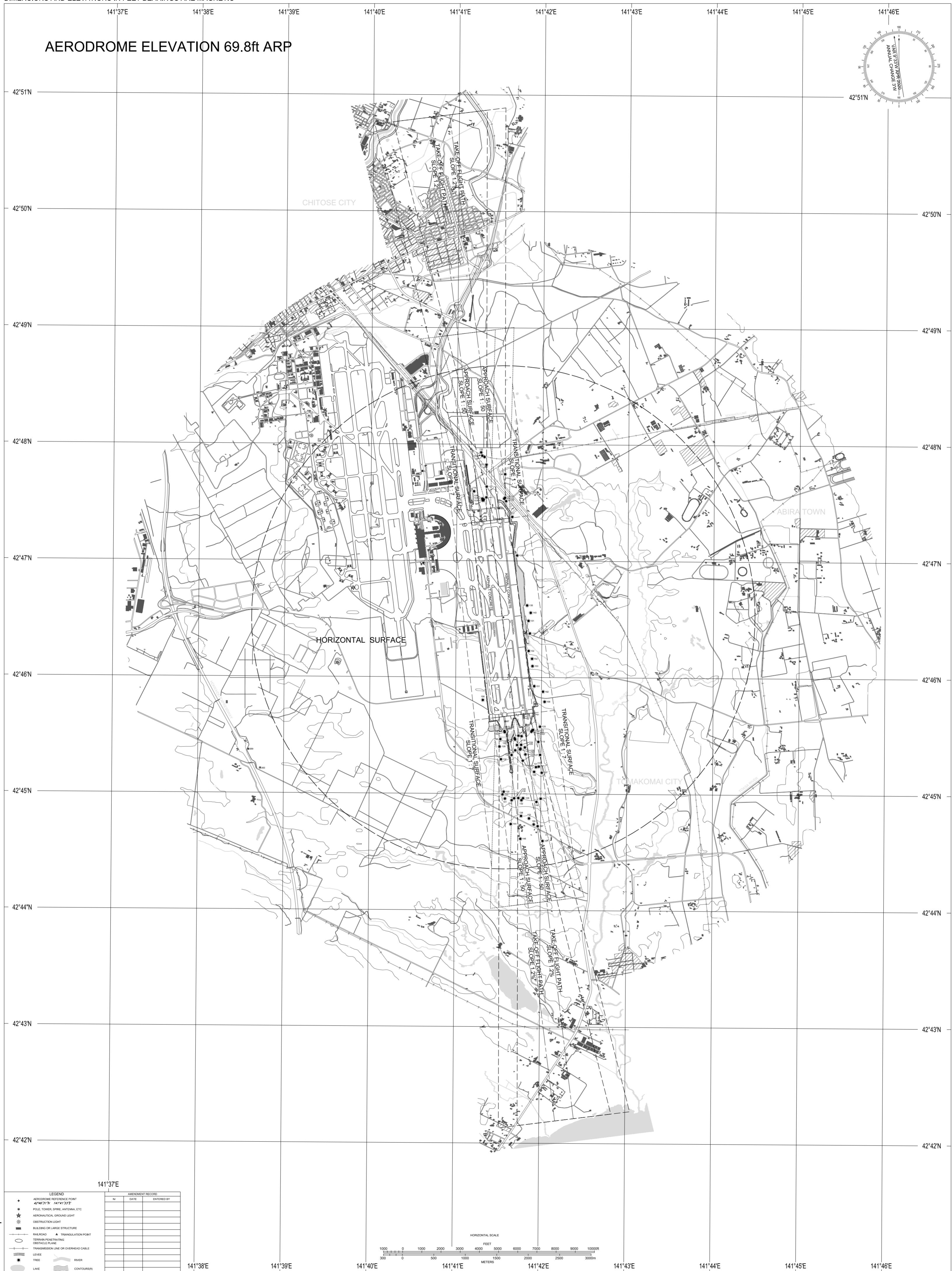


| LEGEND | | AMENDMENT RECORD | |
|--------|-------------------------------------|------------------|--|
| Nr | Date | Entered By | |
| (○) | POLE, TOWER, SPIRE, ANTENNA, ETC | | |
| (★) | AERONAUTICAL GROUND LIGHT | | |
| (※) | OBSTRUCTION LIGHT | | |
| (—) | BUILDING OR LARGE STRUCTURE | | |
| (—) | RAILROAD | | |
| (—) | TRANSMISSION LINE OR OVERHEAD CABLE | | |
| (---) | LEVEE | | |
| (▲) | TRIANGULATION POINT | | |
| (—) | TREE | | |
| (—) | RIVER | | |
| (○) | LAKE | | |
| (—) | CONTOURS(N) | | |

AERODROME OBSTACLE CHART-ICAO TYPE B

DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

AERODROME ELEVATION 69.8ft ARP

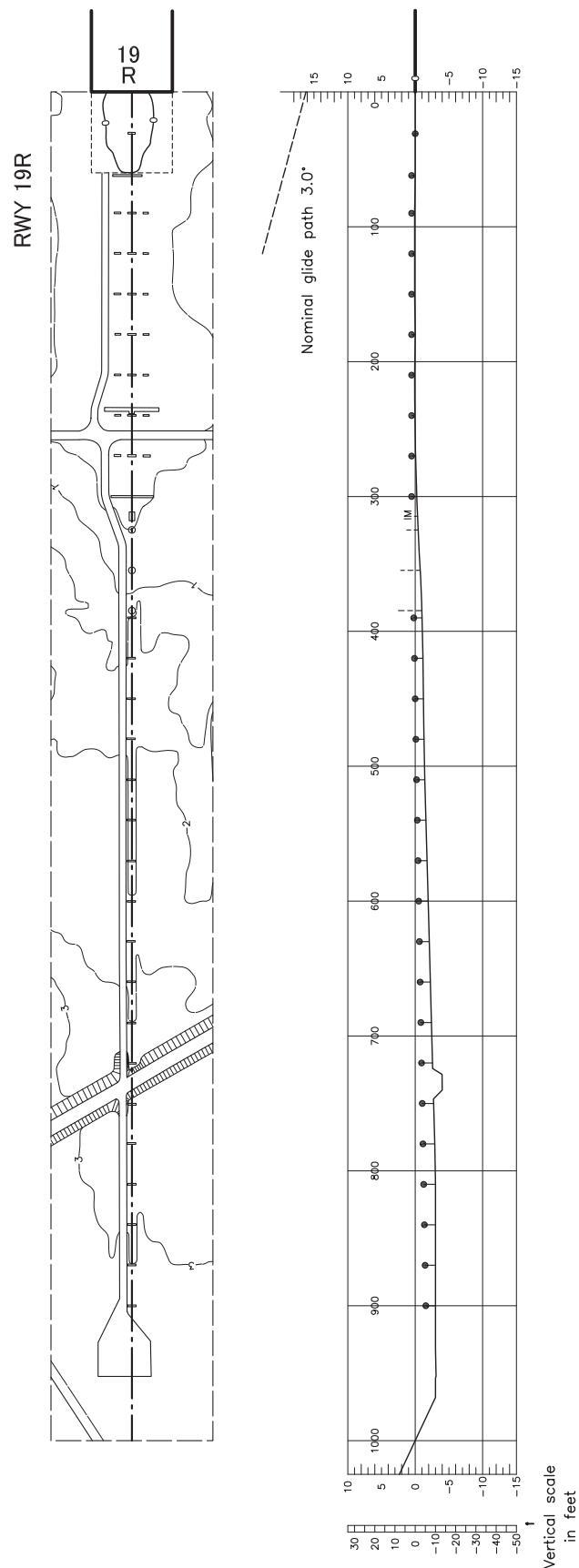


CHANGE:Update

PRECISION APPROACH TERRAIN CHART

DISTANCES AND HEIGHTS IN METRES

PRECISION APPROACH TERRAIN CHART



| LEGEND | |
|---------------------|--|
| CONTOUR | |
| CENTER-LINE PROFILE | |
| APPROACH LIGHTING | |
| ANTENNA | |

HORIZONTAL SCALE 1:5000
VERTICAL SCALE 1:1000
CONTOUR AND HEIGHTS ARE RELATED
TO ELEVATION OF RWY THR

Vertical scale
in feet

STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE

SID

CHITOSE FOUR DEPARTURE

RWY01L/01R: Climb RWY HDG until 1NM FM RWY end/CHE 6.3DME, turn right, direct to CHE VOR/DME within CHE 10DME (5NM FM RWY end). Cross 4DME prior to CHE VOR/DME (MKE R330) at or above 3000FT.

RWY19R/19L: Climb direct to CHE VOR/DME.

CHITOSE FOUR DEPARTURE



STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE

SID

KURIS SEVEN DEPARTURE

RWY 01L/01R: Climb....

RWY 19R/19L: Climb RWY HDG until 1.8NM FM RWY end/CHE
2.0DME, turn left within 6NM,...
...via CHE R011 to KURIS.KURIS SEVEN DEPARTURE

STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE

SID

TOKACHI TWO DEPARTURE

RWY 01L/01R: Climb RWY HDG until 1NM FM RWY end/CHE 6.3DME, turn right HDG 130° to intercept and proceed via...

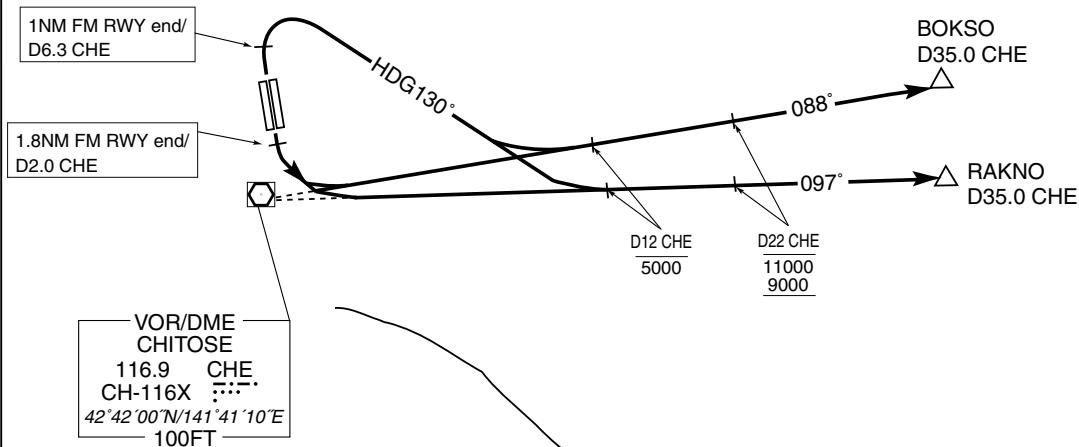
RWY 19R/19L: Climb RWY HDG until 1.8NM FM RWY end/CHE 2.0DME, turn left, via...

...CHE R088 to BOKSO or CHE R097 to RAKNO.

Cross CHE R088/12DME or CHE R097/12DME at or below 5000FT.

Cross CHE R088/22DME or CHE R097/22DME between 9000FT and 11000FT.

TOKACHI TWO DEPARTURE



STANDARD DEPARTURE CHART-INSTRUMENT

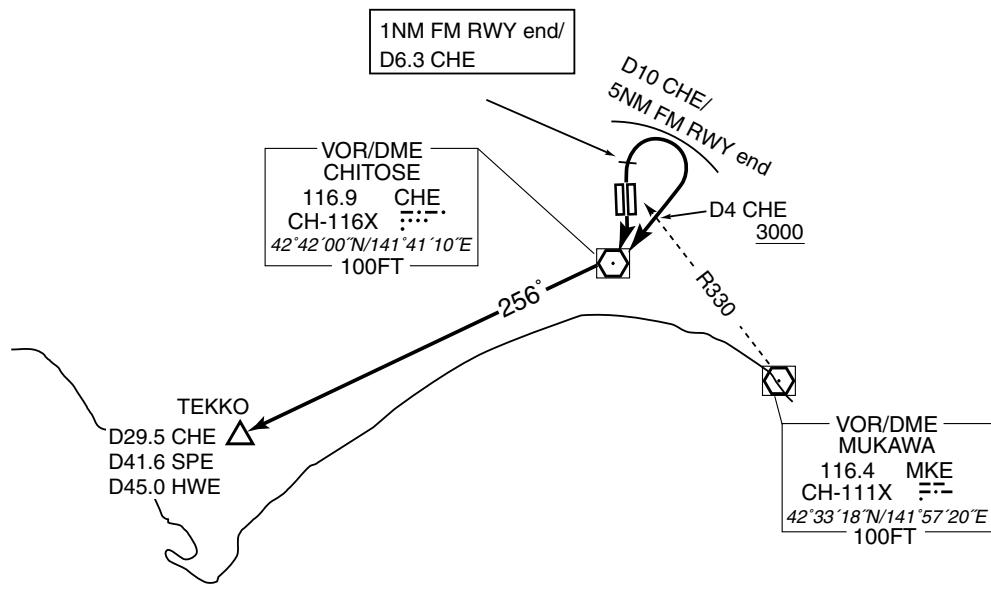
RJCC / NEW CHITOSE

SID

TEKKO ONE DEPARTURE

RWY01L/01R : Climb RWY HDG until 1NM FM RWY end/CHE 6.3DME,
 turn right, direct to CHE VOR/DME
 within CHE 10DME (5NM FM RWY end), cross 4DME prior to
 CHE VOR/DME (MKE R330) at or above 3000FT,...

RWY19R/19L : Climb direct to CHE VOR/DME,...
 ...via CHE R256 to TEKKO.

TEKKO ONE DEPARTURE

STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE

SID

MUKAWA EIGHT DEPARTURE

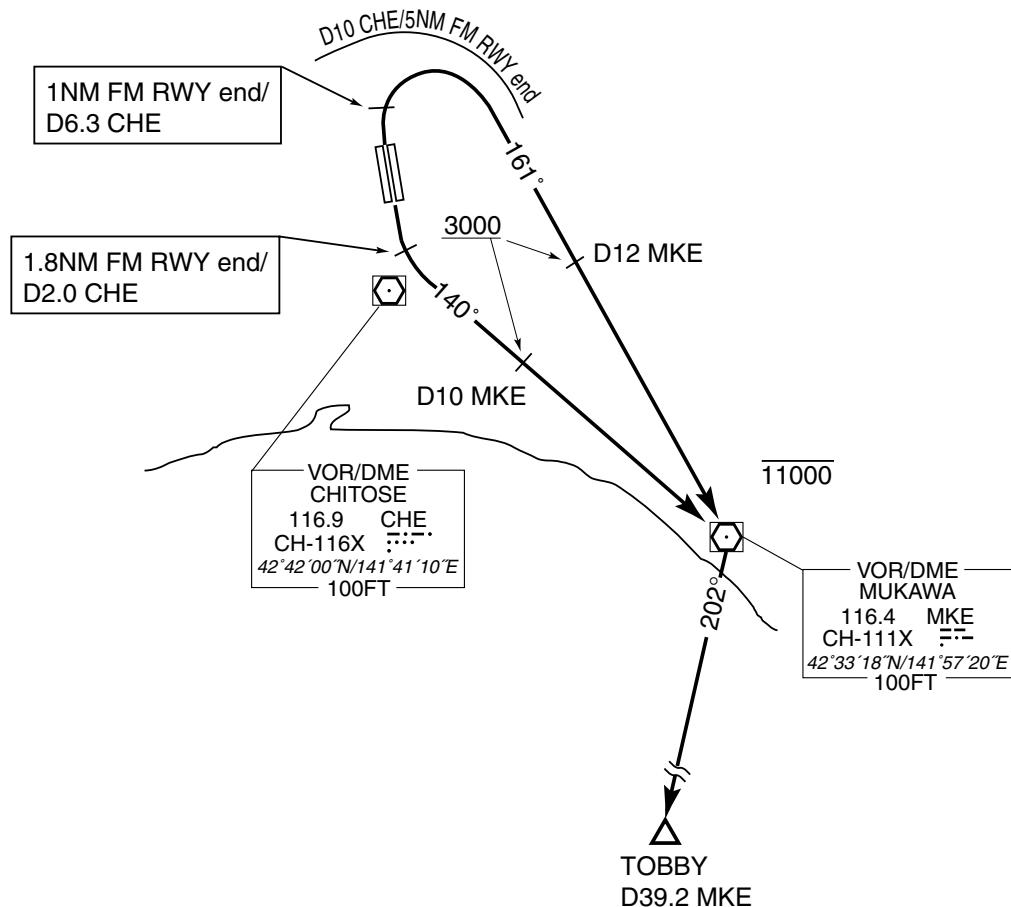
RWY01L/01R: Climb RWY HDG until 1NM FM RWY end/CHE 6.3DME, turn right within CHE 10DME(5NM from RWY end), via MKE R341 to MKE VOR/DME, via MKE R202 to TOBBY.

Cross MKE R341/12DME at or above 3000FT, cross MKE VOR/DME at or below 11000FT.

RWY19R/19L: Climb RWY HDG until 1.8NM FM RWY end/CHE 2.0DME, turn left, via MKE R320 to MKE VOR/DME, via MKE R202 to TOBBY.

Cross MKE R320/10DME at or above 3000FT, cross MKE VOR/DME at or below 11000FT.

MUKAWA EIGHT DEPARTURE



STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE

SID

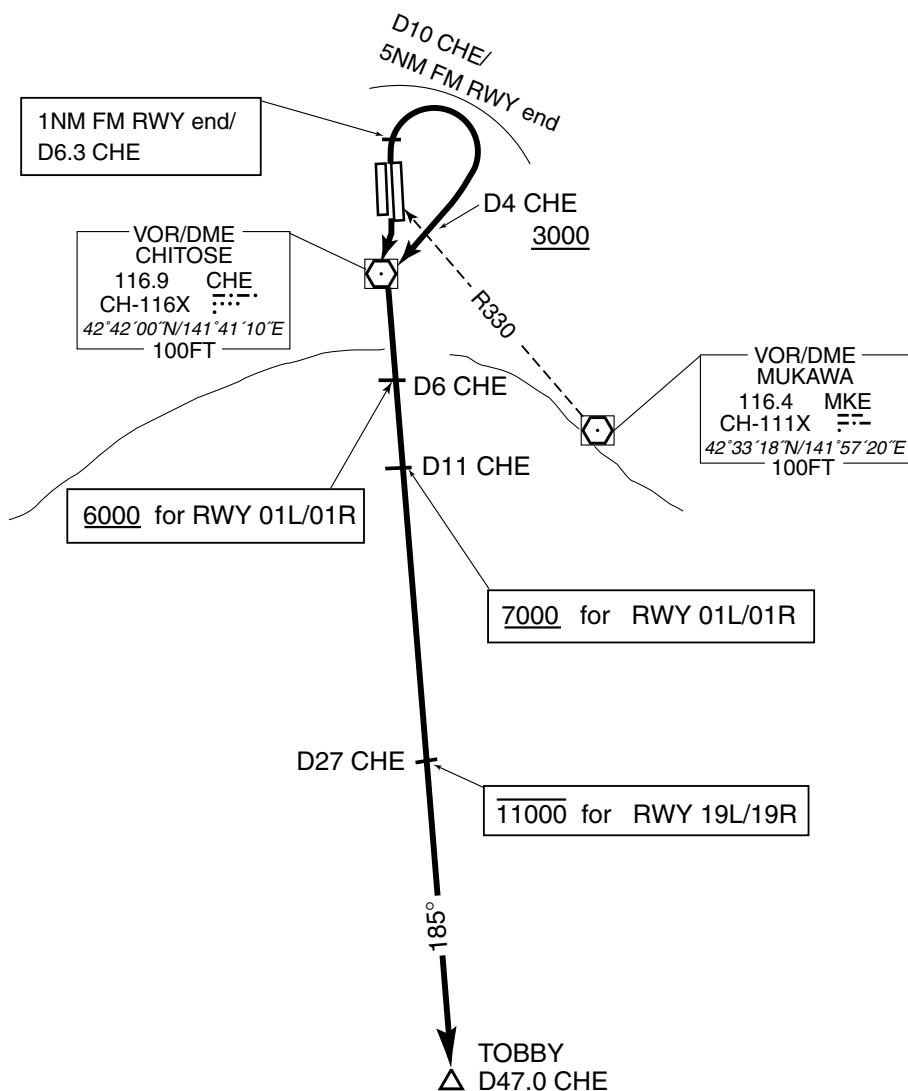
TOBBY EIGHT DEPARTURE

RWY01L/01R : Climb RWY HDG until 1NM FM RWY end / CHE 6.3DME, turn right, direct to CHE VOR/DME within CHE 10DME (5NM FM RWY end), via CHE R185 to TOBBY.

Cross 4DME prior to CHE VOR/DME (MKE R330) at or above 3000FT, cross CHE R185/6DME at or above 6000FT, cross CHE R185/11DME at or above 7000FT.

RWY19R/19L : Climb direct to CHE VOR/DME, via CHE R185 to TOBBY.
Cross CHE R185/27DME at or below 11000FT.

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

TOBBY EIGHT DEPARTURE

STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE

SID

HAKODATE SIX DEPARTURE

RWY01L/01R: Climb via RWY HDG until 1NM FM RWY end/CHE 6.3DME, turn right, direct to CHE VOR/DME within CHE 10DME (5NM FM RWY end), via CHE R224 to HWE VOR/DME. Cross 4DME prior to CHE VOR/DME (MKE R330) at or above 3000FT.

RWY19R/19L: Climb direct to CHE VOR/DME, via CHE R224 to HWE VOR/DME.



STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE

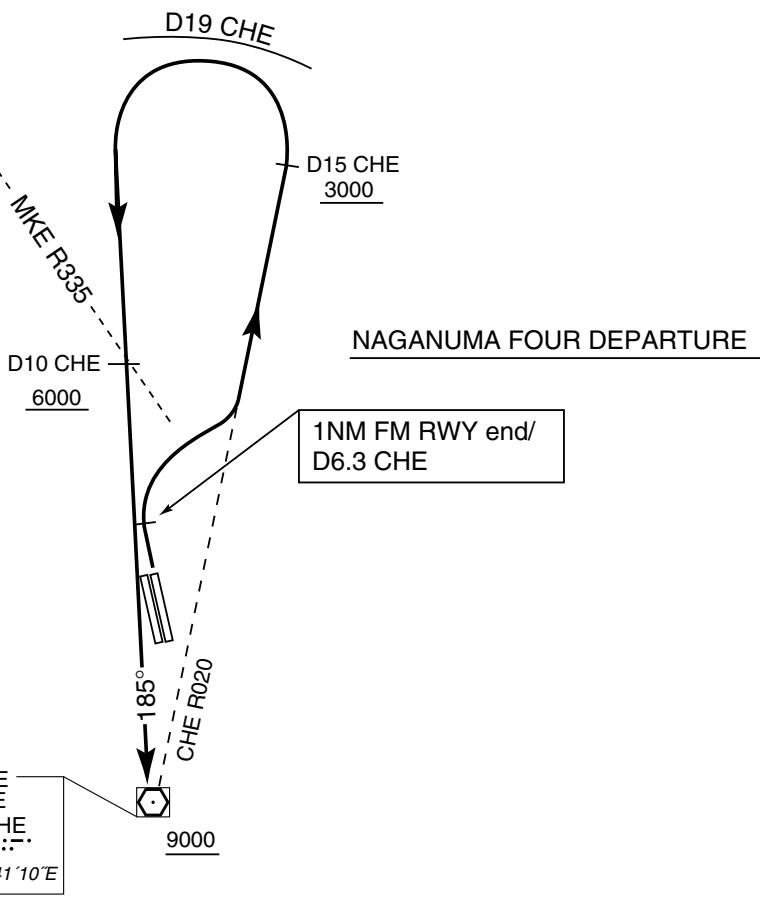
SID

NAGANUMA FOUR DEPARTURE

RWY 01L/01R: Climb RWY HDG until 1NM FM RWY end/CHE 6.3DME, turn right to intercept and proceed via CHE R020 to CHE 15DME, turn left, via CHE R005 to CHE VOR/DME within CHE 19DME.

Cross CHE R020/15DME at or above 3000FT, cross CHE R005/10DME (MKE R335) at or above 6000FT, cross CHE VOR/DME at or above 9000FT.

RWY 19R/19L: Not established.



STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE

SID

YUFUTSU FOUR DEPARTURE

RWY 01L/01R: Not established.

RWY 19R/19L: Climb direct to CHE VOR/DME until 1.5DME prior to CHE VOR/DME (until crossing MKE R320), turn left, via CHE R135 (MKE R315) to MKE VOR/DME or after MKE VOR/DME, via MKE R202 to TOBBY.

Cross CHE R135/5DME (MKE R315/10DME) at or above 3000FT, cross MKE R202/7DME at or below 8000FT.



STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE

SID

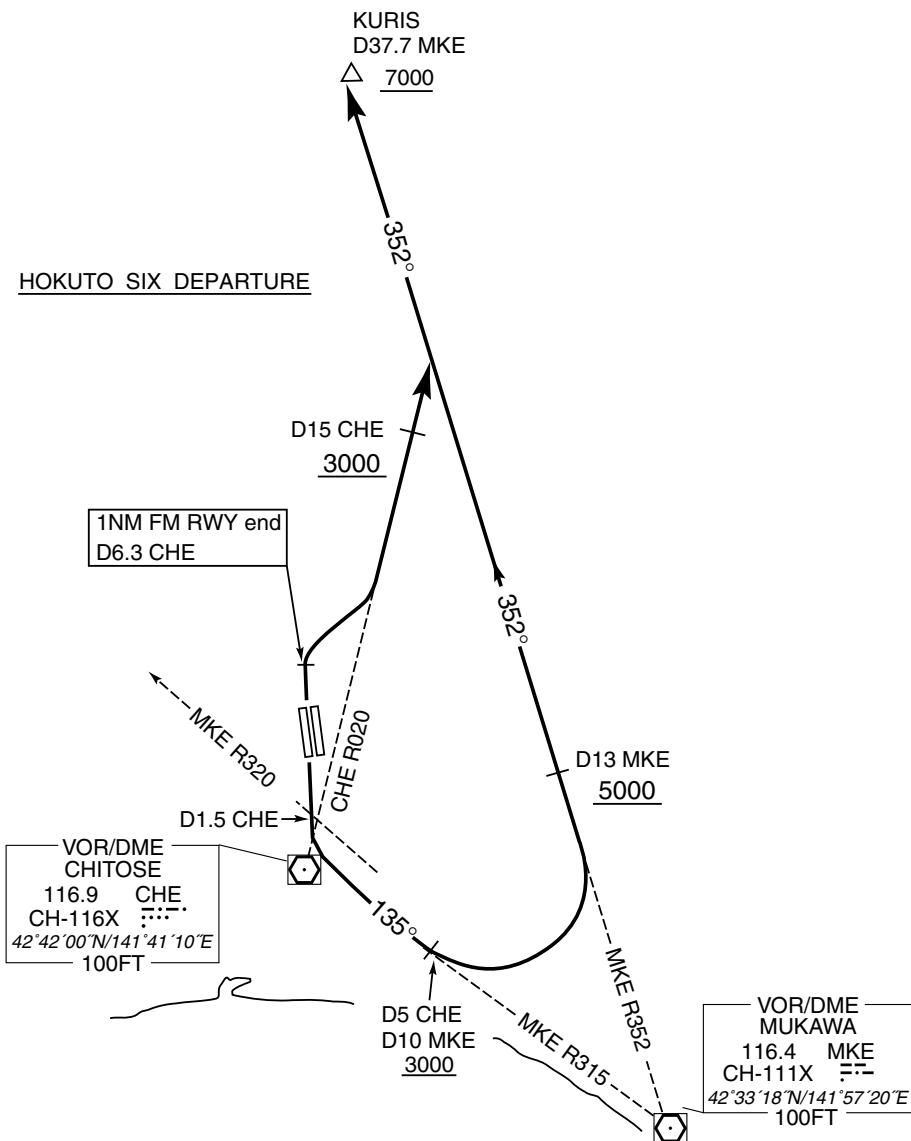
HOKUTO SIX DEPARTURE

RWY 01L/01R: Climb RWY HDG until 1NM FM RWY end/CHE 6.3DME, turn right, via CHE R020, via MKE R352 to KURIS.

Cross CHE R020/15DME at or above 3000FT, cross KURIS at or above 7000FT.

RWY 19R/19L: Climb direct to CHE VOR/DME until 1.5DME prior to CHE VOR/DME (until crossing MKE R320), turn left, via CHE R135 (MKE R315) to CHE 5DME (MKE 10DME), turn left, via MKE R352 to KURIS.

Cross CHE R135/5DME (MKE R315/10DME) at or above 3000FT, cross MKE R352/13DME at or above 5000FT, cross KURIS at or above 7000FT.



STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE

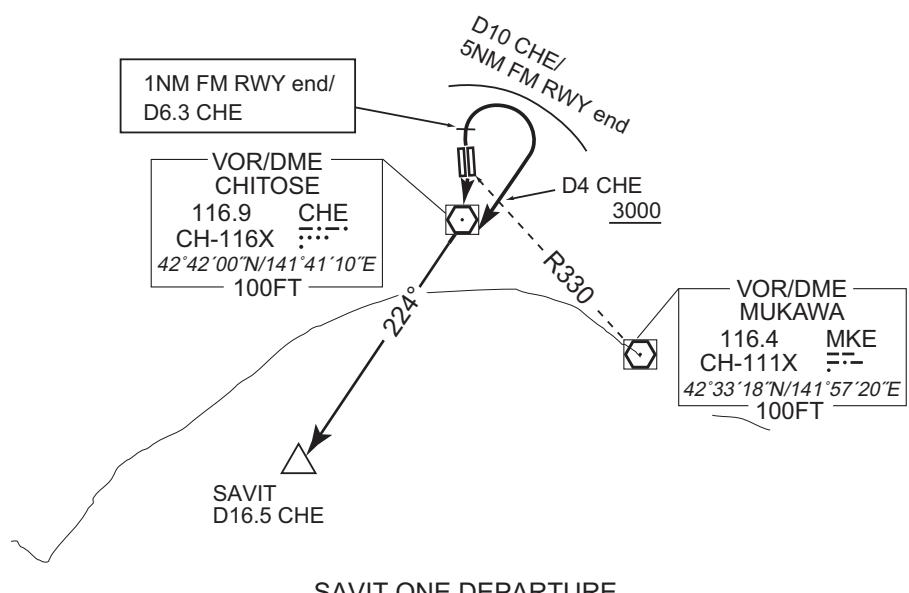
SID

SAVIT ONE DEPARTURE

RWY01L/01R: Climb via RWY HDG until 1NM FM RWY end/CHE 6.3DME, turn right, direct to CHE VOR/DME within CHE 10DME (5NM FM RWY end), via CHE R224 to SAVIT.

Cross 4DME prior to CHE VOR/DME (MKE R330) at or above 3000FT.

RWY19R/19L: Climb direct to CHE VOR/DME, via CHE R224 to SAVIT.



CHANGE : New PROC

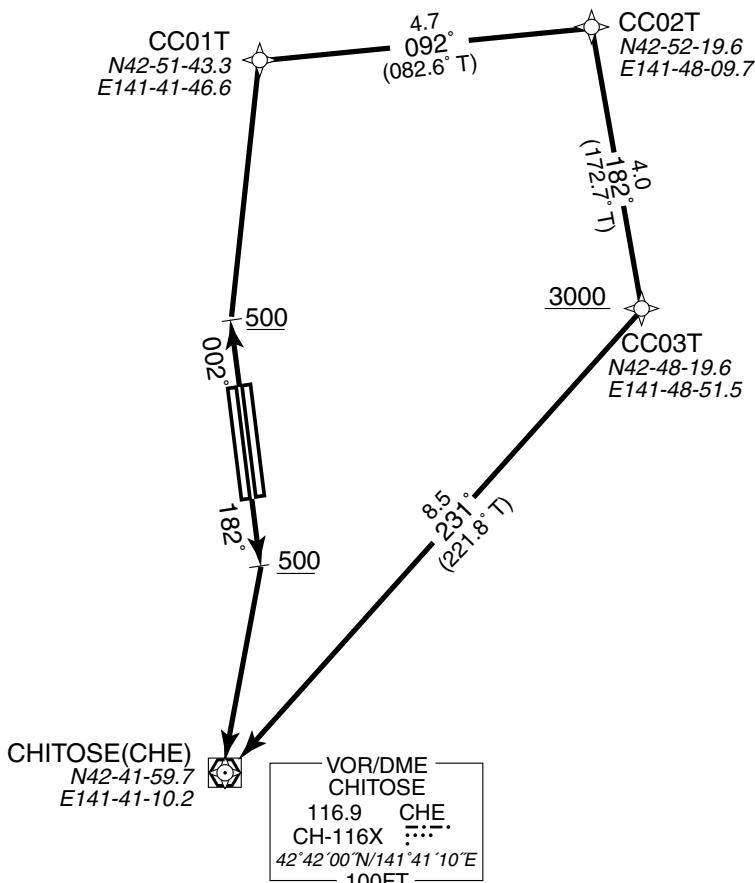
STANDARD DEPARTURE CHART -INSTRUMENT

RJCC / NEW CHITOSE

RNAV SID

| SOSHU ONE DEPARTURE | | | RNAV1 |
|---|-----------------------|---|-------|
| Note 1) DME/DME/IRU or GNSS required. ※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll. 2) RADAR service required. | Critical DME | RWY01L/01R CHE : 2.0NM FM DER – 2.0NM to CC01T | |
| | DME GAP | RWY01L/01R : DER – 2.0NM FM DER 3.0NM to CHE – CHE RWY19L/19R : DER – CHE | |
| | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | |

VAR 9°W (2009)



Note : 5.0% climb gradient required up to 500FT.

SOSHU ONE DEPARTURE

RWY01L/01R : Climb on HDG002° at or above 500FT, direct to CC01T, to CC02T, to CC03T at or above 3000FT, to CHITOSE(CHE).

RWY19R/19L : Climb on HDG182° at or above 500FT, direct to CHITOSE(CHE).

Note : 5.0% climb gradient required up to 500FT.

STANDARD DEPARTURE CHART -INSTRUMENT

RJCC / NEW CHITOSE

RNAV SID

SOSHU ONE DEPARTURE

RWY01L/01R

| 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 | — | — | 002 (352.6) | -9.1 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | CC01T | — | — | -9.1 | — | — | — | — | — | RNAV1 |
| 003 | TF | CC02T | — | 092 (082.6) | -9.1 | 4.7 | — | — | — | — | RNAV1 |
| 004 | TF | CC03T | — | 182 (172.7) | -9.1 | 4.0 | — | +3000 | — | — | RNAV1 |
| 005 | TF | CHITOSE (CHE) | — | 231 (221.8) | -9.1 | 8.5 | — | — | — | — | RNAV1 |

RWY19R/19L

| 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 | — | — | 182 (172.6) | -9.1 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | CHITOSE (CHE) | — | — | -9.1 | — | — | — | — | — | RNAV1 |

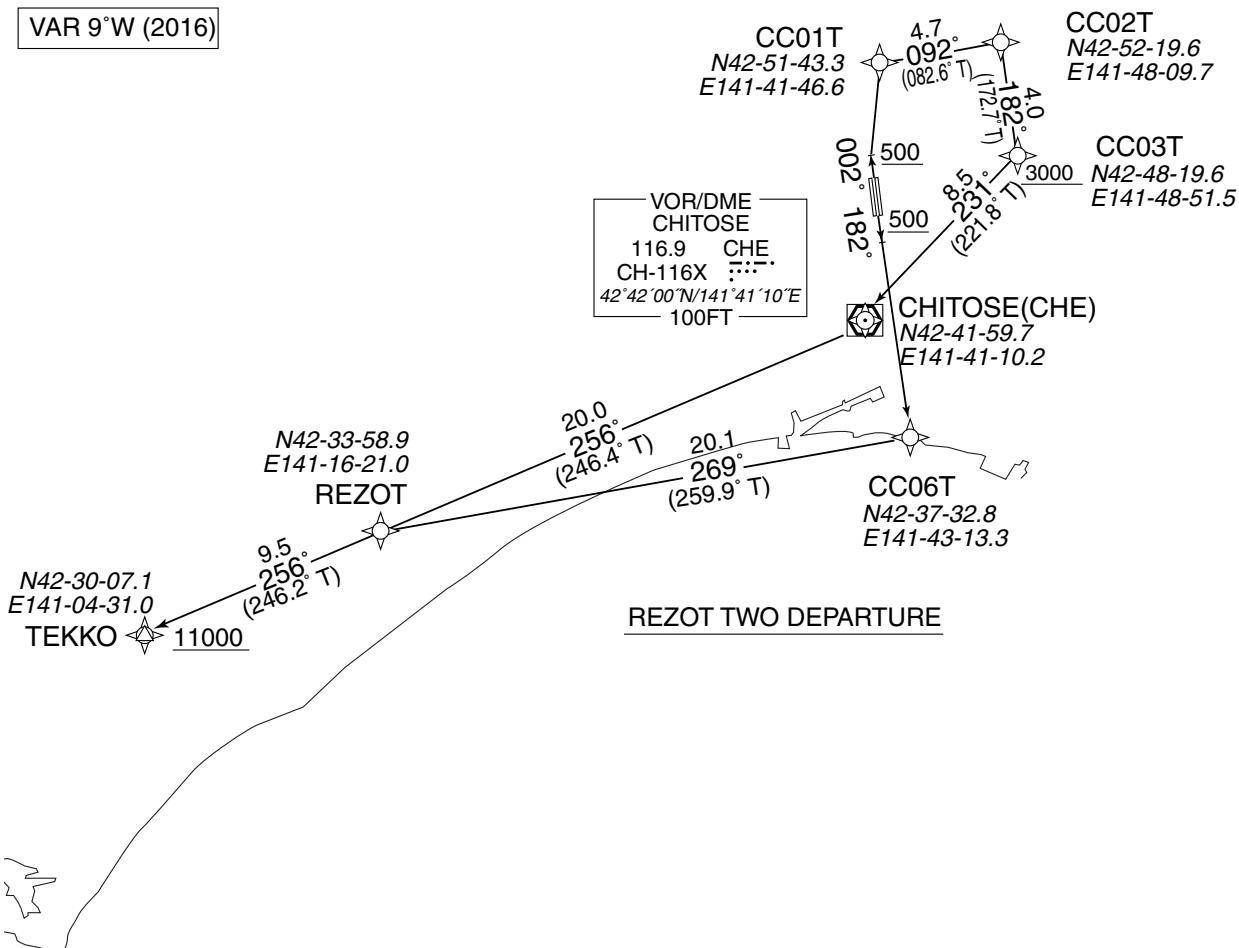
STANDARD DEPARTURE CHART -INSTRUMENT

RJCC / NEW CHITOSE

RNAV SID

| REZOT TWO DEPARTURE | | | RNAV1 |
|---|-----------------------|--|---|
| Note 1) DME/DME/IRU or GNSS required. ※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll. 2) RADAR service required. | Critical DME | RWY01L/01R CHE : 2.0NM FM DER – 2.0NM to CC01T MKE : CHE – 18.0NM to REZOT ZYT : CHE – 18.0NM to REZOT RWY19L/19R MKE : 3.0NM to CC06T – 16.0NM to REZOT 7.0NM to REZOT – REZOT ZYT : 3.0NM to CC06T – 1.0NM to CC06T 7.0NM to REZOT – REZOT RWY01L/01R, RWY19L/19R SPE : 4.0NM to TEKKO – TEKKO | |
| DME GAP RWY01L/01R : DER – 2.0NM FM DER, 3.0NM to CHE – CHE RWY19L/19R : DER – 3.0NM to CC06T | Inappropriate Navaids | | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 |

VAR 9°W (2016)

REZOT TWO DEPARTURE

RWY01L/01R : Climb on HDG002° at or above 500FT, direct to CC01T, to CC02T, to CC03T at or above 3000FT, to CHITOSE(CHE), to REZOT, to TEKKO at or above 11000FT.

RWY19R/19L : Climb on HDG182° at or above 500FT, direct to CC06T, to REZOT, to TEKKO at or above 11000FT.

Note : 5.0% climb gradient required up to 500FT.

STANDARD DEPARTURE CHART -INSTRUMENT

RJCC / NEW CHITOSE

RNAV SID

REZOT TWO DEPARTURE

RWY01L/01R

| 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 | — | — | 002 (352.6) | -9.3 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | CC01T | — | — | -9.3 | — | — | — | — | — | RNAV1 |
| 003 | TF | CC02T | — | 092 (082.6) | -9.3 | 4.7 | — | — | — | — | RNAV1 |
| 004 | TF | CC03T | — | 182 (172.7) | -9.3 | 4.0 | — | +3000 | — | — | RNAV1 |
| 005 | TF | CHITOSE (CHE) | — | 231 (221.8) | -9.3 | 8.5 | — | — | — | — | RNAV1 |
| 006 | TF | REZOT | — | 256 (246.4) | -9.3 | 20.0 | — | — | — | — | RNAV1 |
| 007 | TF | TEKKO | — | 256 (246.2) | -9.3 | 9.5 | — | +11000 | — | — | RNAV1 |

RWY19R/19L

| 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 | — | — | 182 (172.6) | -9.3 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | CC06T | — | — | -9.3 | — | — | — | — | — | RNAV1 |
| 003 | TF | REZOT | — | 269 (259.9) | -9.3 | 20.1 | — | — | — | — | RNAV1 |
| 004 | TF | TEKKO | — | 256 (246.2) | -9.3 | 9.5 | — | +11000 | — | — | RNAV1 |

STANDARD DEPARTURE CHART -INSTRUMENT

RJCC / NEW CHITOSE

RNAV SID

| JUGGLAR ONE DEPARTURE | | RNAV1 |
|---|--|---|
| Note 1) DME/DME/IRU or GNSS required. ※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll. 2) RADAR service required. | Critical DME | RWY01L/01R CHE : 2.0NM FM DER – 2.0NM to CC01T 3.0NM to CC04T – CC04T MKE : 4.0NM to CC05T – 23.0NM to TOBBY 12.0NM to TOBBY – 4.0NM to TOBBY SPE : 18.0NM to TOBBY – 4.0NM to TOBBY RWY19L/19R MKE : 3.0NM to CC06T – 3.0NM to TOBBY ZYT : 3.0NM to CC06T – 1.0NM to CC06T SPE : 17.0NM to TOBBY – 3.0NM to TOBBY |
| DME GAP | RWY01L/01R : DER – 2.0NM FM DER CC04T – 4.0NM to CC05T 4.0NM to TOBBY – TOBBY RWY19L/19R : DER – 3.0NM to CC06T 3.0NM to TOBBY – TOBBY | |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | |

VAR 9°W (2009)

JUGGLAR ONE DEPARTURE

RWY01L/01R : Climb on HDG002° at or above 500FT, direct to CC01T, to CC02T, to CC03T at or above 3000FT, to CC04T at or above 6000FT, to CC05T at or above 7000FT, to TOBBY.

RWY19L/19R : Climb on HDG182° at or above 500FT, direct to CC06T, to CC07T at or below 11000FT, to TOBBY.

Note : 5.0% climb gradient required up to 500FT.

STANDARD DEPARTURE CHART -INSTRUMENT

RJCC / NEW CHITOSE

RNAV SID

JUGGLAR ONE DEPARTURE

RWY01L/01R

| 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 | — | — | 002 (352.6) | -9.1 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | CC01T | — | — | -9.1 | — | — | — | — | — | RNAV1 |
| 003 | TF | CC02T | — | 092 (082.6) | -9.1 | 4.7 | — | — | — | — | RNAV1 |
| 004 | TF | CC03T | — | 182 (172.7) | -9.1 | 4.0 | — | +3000 | — | — | RNAV1 |
| 005 | TF | CC04T | — | 192 (182.6) | -9.1 | 9.3 | — | +6000 | — | — | RNAV1 |
| 006 | TF | CC05T | — | 192 (182.6) | -9.1 | 6.9 | — | +7000 | — | — | RNAV1 |
| 007 | TF | TOBBY | — | 192 (182.6) | -9.1 | 37.1 | — | — | — | — | RNAV1 |

RWY19R/19L

| 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 | — | — | 182 (172.6) | -9.1 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | CC06T | — | — | -9.1 | — | — | — | — | — | RNAV1 |
| 003 | TF | CC07T | — | 187 (177.6) | -9.1 | 22.5 | — | -11000 | — | — | RNAV1 |
| 004 | TF | TOBBY | — | 187 (177.6) | -9.1 | 20.0 | — | — | — | — | RNAV1 |

STANDARD DEPARTURE CHART -INSTRUMENT

RJCC / NEW CHITOSE

RNAV SID

| PATRUSH ONE DEPARTURE | | | RNAV 1 |
|---|--|--|---|
| Note 1) DME/DME/IRU or GNSS required. ※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll. 2) RADAR service required. | | | Critical DME |
| DME GAP | RWY01L/01R : DER – 2.0NM FM DER RWY19L/19R : DER – 1.0NM to CC02H | | RWY01L/01R SPE : 7.0NM to KURIS – KURIS RWY19L/19R SPE : 1.0NM to CC02H – CC02H 7.0NM to KURIS – KURIS CHE : 1.0NM to CC02H – 4.0NM to CC03H |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | | |

VAR 9°W (2009)



PATRUSH ONE DEPARTURE

RWY01L/01R : Climb on HDG 002° at or above 500FT, direct to CC01N, to CC02N, to CC03N at or above 3000FT, to CC01H, to KURIS.

RWY19L/19R : Climb on HDG 182° at or above 500FT, direct to CC01Y, to CC02Y at or above 3000FT, to CC02H, to CC03H at or above 5000FT, to KURIS.

Note : 5.0% climb gradient required up to 500FT.

STANDARD DEPARTURE CHART -INSTRUMENT

RJCC / NEW CHITOSE

RNAV SID

PATRUSH ONE DEPARTURE

RWY01L/01R

| 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 | — | — | 002 (352.6) | -9.1 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | CC01N | — | — | -9.1 | — | — | — | — | — | RNAV1 |
| 003 | TF | CC02N | — | 058 (048.8) | -9.1 | 3.0 | — | — | — | — | RNAV1 |
| 004 | TF | CC03N | — | 020 (010.9) | -9.1 | 4.0 | — | +3000 | — | — | RNAV1 |
| 005 | TF | CC01H | — | 020 (010.9) | -9.1 | 3.9 | — | — | — | — | RNAV1 |
| 006 | TF | KURIS | — | 352 (343.0) | -9.1 | 9.2 | — | — | — | — | RNAV1 |

RWY19R/19L

| 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 | — | — | 182 (172.6) | -9.1 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | CC01Y | — | — | -9.1 | — | — | — | — | — | RNAV1 |
| 003 | TF | CC02Y | — | 135 (126.1) | -9.1 | 3.7 | — | +3000 | — | — | RNAV1 |
| 004 | TF | CC02H | — | 082 (072.9) | -9.1 | 3.2 | — | — | — | — | RNAV1 |
| 005 | TF | CC03H | — | 019 (010.2) | -9.1 | 5.8 | — | +5000 | — | — | RNAV1 |
| 006 | TF | KURIS | — | 352 (343.1) | -9.1 | 24.7 | — | — | — | — | RNAV1 |

STANDARD DEPARTURE CHART -INSTRUMENT

RJCC / NEW CHITOSE

RNAV SID

| YOSAN ONE DEPARTURE | | RNAV1 |
|--|--------------|---|
| Note 1) DME/DME/IRU or GNSS required. ※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll. | Critical DME | RNAV1 RWY19L/19R MKE : 3.0NM to CC06T – 6.0NM to YASKN 3.0NM to YASKN – 1.0NM to YASKN YASKN – 3.0NM to YOSAN 5.0NM to TOBBY – 3.0NM to TOBBY ZYT : 3.0NM to CC06T – 1.0NM to CC06T YASKN – 5.0NM to MISTA SPE : 5.0NM to TOBBY – 3.0NM to TOBBY HWE : 19.0NM to TOBBY – 17.0NM to TOBBY 4.0NM to TOBBY – TOBBY |
| DME GAP RWY19L/19R : DER – 3.0NM to CC06T | | |
| Inappropriate Navaids See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | | |

VAR 9°W (2016)



Note : 5.0% climb gradient required up to 500FT.

YOSAN ONE DEPARTURE

RWY19R/19L : Climb on HDG182° at or above 500FT, direct to CC06T, to YASKN, to MISTA, to YOSAN, to TOBBY.

Note : 5.0% climb gradient required up to 500FT.

STANDARD DEPARTURE CHART -INSTRUMENT

RJCC / NEW CHITOSE

RNAV SID

YOSAN ONE DEPARTURE

RWY19R/19L

| 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 | — | — | 182 (172.6) | -9.3 | — | — | +500 | — | — | RNAV1 |
| 002 | DF | CC06T | — | — | -9.3 | — | — | — | — | — | RNAV1 |
| 003 | TF | YASKN | — | 246 (236.8) | -9.3 | 10.0 | — | — | — | — | RNAV1 |
| 004 | TF | MISTA | — | 224 (214.5) | -9.3 | 11.3 | — | — | — | — | RNAV1 |
| 005 | TF | YOSAN | — | 158 (148.9) | -9.3 | 11.6 | — | — | — | — | RNAV1 |
| 006 | TF | TOBBY | — | 158 (149.0) | -9.3 | 20.7 | — | — | — | — | RNAV1 |

STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE

RNAV SID

| DALBI ONE DEPARTURE | | | RNAV1 |
|--|---|--------------|--|
| Note 1) DME/DME/IRU or GNSS required. ※ The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll. 2) RADAR service required. | | | |
| DME GAP | RWY01L/01R : DER – 2.0NM FM DER 18.0NM to KUGIE - 15.0NM to KUGIE RWY19L/19R : DER – 6.0NM to NEJIE | Critical DME | RWY01L/01R CHE : 2.0NM FM DER – 2.0NM to CC01T 19.0NM to KUGIE - 18.0NM to KUGIE ZYT : 16.0NM to KUGIE - 13.0NM to KUGIE MKE : 16.0NM to KUGIE - 12.0NM to KUGIE RWY19L/19R MKE : 6.0NM to NEJIE - 2.0NM to NEJIE NEJIE - 26.8NM to POWAN |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | | |

VAR 10° W(2019)

DALBI ONE DEPARTURE

CHANGE : Correction of misdescription(ZALAR COORD)



Note : 5.0% climb gradient required up to 500FT.

DALBI ONE DEPARTURE

RWY01L/01R : Climb on HDG002° at or above 500FT, direct to CC01T, to CC02T, to CC03T at or above 3000FT, to KUGIE, to POWAN at or above FL150, to ZALAR, to DALBI.

RWY19R/19L : Climb on HDG182° at or above 500FT, direct to NEJIE, to POWAN at or above FL150, to ZALAR, to DALBI.

Note : 5.0% climb gradient required up to 500FT.

STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE

RNAV SID

DALBI ONE DEPARTURE

RWY01L/01R

| 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 | — | - | 002 (352.6) | -9.5 | - | - | +500 | - | - | RNAV1 |
| 002 | DF | CC01T | - | — | -9.5 | - | - | - | - | - | RNAV1 |
| 003 | TF | CC02T | - | 092 (082.6) | -9.5 | 4.7 | - | - | - | - | RNAV1 |
| 004 | TF | CC03T | - | 182 (172.7) | -9.5 | 4.0 | - | +3000 | - | - | RNAV1 |
| 005 | TF | KUGIE | - | 225 (215.5) | -9.5 | 23.5 | - | - | - | - | RNAV1 |
| 006 | TF | POWAN | - | 251 (241.4) | -9.5 | 18.8 | - | +FL150 | - | - | RNAV1 |
| 007 | TF | ZALAR | - | 251 (241.1) | -9.5 | 15.8 | - | - | - | - | RNAV1 |
| 008 | TF | DALBI | - | 250 (240.9) | -9.5 | 15.8 | - | - | - | - | RNAV1 |

RWY19R/19L

| 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 | — | - | 182 (172.6) | -9.5 | - | - | +500 | - | - | RNAV1 |
| 002 | DF | NEJIE | - | — | -9.5 | - | - | - | - | - | RNAV1 |
| 003 | TF | POWAN | - | 251 (241.5) | -9.5 | 30.0 | - | +FL150 | - | - | RNAV1 |
| 004 | TF | ZALAR | - | 251 (241.1) | -9.5 | 15.8 | - | - | - | - | RNAV1 |
| 005 | TF | DALBI | - | 250 (240.9) | -9.5 | 15.8 | - | - | - | - | RNAV1 |

CHANGE : New PROC

STANDARD DEPARTURE CHART-INSTRUMENT

| RJCC / NEW CHITOSE | | RNAV TRANSITION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|-----------------------|--|---------------|--------------------|---------------------|----------------|---------------|--------------------|----------------|--------------------------|---------------|--------------|----------------|--------------------------|-----|----|-------|---|---|------|---|---|---|---|---|-------|-----|----|-------|---|-------------|------|------|---|--------|---|---|-------|-----|----|-------|---|-------------|------|------|---|---|---|---|-------|-----|----|-------|---|-------------|------|------|---|---|---|---|-------|-----|----|-------|---|-------------|------|------|---|---|---|---|-------|
| PANSY TRANSITION/BUTOS TRANSITION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required. | | Critical DME | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | DME GAP | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Inappropriate Navaids | See AD1.1.6.10.3 Inappropriate NAVAIDs for RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PANSY TRANSITION From TOBBY, to NOHEY at or above FL250, to APIOS, to PANSY. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 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

RJCC / NEW CHITOSE

RNAV TRANSITION

| SHUYU TRANSITION | | RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------|---|-----------------|---------------------|--------------------|---------------|--------------------|---------------|----------------|----------------|--------------------------|----------------|--------------------------|-----|----|-------|---|---|------|---|---|---|---|---|-------|-----|----|-------|---|-------------|------|------|---|--------|---|---|-------|-----|----|-------|---|-------------|------|------|---|---|---|---|-------|-----|----|-------|---|-------------|------|------|---|---|---|---|-------|
| Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required. | Critical DME | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DME GAP | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px;">VAR 10° W(2019)</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHUYU TRANSITION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>From SAVIT, to POWAN at or above FL150, to ZALAR, to DALBI.</p> <table border="1"> <thead> <tr> <th>Serial Number</th> <th>Path Descriptor</th> <th>Waypoint Identifier</th> <th>Fly Over</th> <th>Course °M(°T)</th> <th>Magnetic Variation</th> <th>Distance (NM)</th> <th>Turn Direction</th> <th>Altitude (FT)</th> <th>Speed (KIAS)</th> <th>Vertical Angle</th> <th>Navigation Specification</th> </tr> </thead> <tbody> <tr> <td>001</td> <td>IF</td> <td>SAVIT</td> <td>-</td> <td>-</td> <td>-9.5</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>RNAV1</td> </tr> <tr> <td>002</td> <td>TF</td> <td>POWAN</td> <td>-</td> <td>251 (241.3)</td> <td>-9.5</td> <td>17.3</td> <td>-</td> <td>+FL150</td> <td>-</td> <td>-</td> <td>RNAV1</td> </tr> <tr> <td>003</td> <td>TF</td> <td>ZALAR</td> <td>-</td> <td>251 (241.1)</td> <td>-9.5</td> <td>15.8</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>RNAV1</td> </tr> <tr> <td>004</td> <td>TF</td> <td>DALBI</td> <td>-</td> <td>250 (240.9)</td> <td>-9.5</td> <td>15.8</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>RNAV1</td> </tr> </tbody> </table> | | 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 | SAVIT | - | - | -9.5 | - | - | - | - | - | RNAV1 | 002 | TF | POWAN | - | 251 (241.3) | -9.5 | 17.3 | - | +FL150 | - | - | RNAV1 | 003 | TF | ZALAR | - | 251 (241.1) | -9.5 | 15.8 | - | - | - | - | RNAV1 | 004 | TF | DALBI | - | 250 (240.9) | -9.5 | 15.8 | - | - | - | - | 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 | SAVIT | - | - | -9.5 | - | - | - | - | - | RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 002 | TF | POWAN | - | 251 (241.3) | -9.5 | 17.3 | - | +FL150 | - | - | RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 003 | TF | ZALAR | - | 251 (241.1) | -9.5 | 15.8 | - | - | - | - | RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 004 | TF | DALBI | - | 250 (240.9) | -9.5 | 15.8 | - | - | - | - | RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

CHANGE : New PROC

STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW 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 Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px;">VAR 10° W(2019)</div> <p>FUNKA TRANSITION</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FUNKA TRANSITION From TEKKO, to FUNKA, to DALBI. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Serial Number</th> <th>Path Descriptor</th> <th>Waypoint Identifier</th> <th>Fly Over</th> <th>Course °M(°T)</th> <th>Magnetic Variation</th> <th>Distance (NM)</th> <th>Turn Direction</th> <th>Altitude (FT)</th> <th>Speed (KIAS)</th> <th>Vertical Angle</th> <th>Navigation Specification</th> </tr> </thead> <tbody> <tr> <td>001</td> <td>IF</td> <td>TEKKO</td> <td>-</td> <td>-</td> <td>-9.5</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>RNAV1</td> </tr> <tr> <td>002</td> <td>TF</td> <td>FUNKA</td> <td>-</td> <td>256 (246.0)</td> <td>-9.5</td> <td>22.3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>RNAV1</td> </tr> <tr> <td>003</td> <td>TF</td> <td>DALBI</td> <td>-</td> <td>205 (195.6)</td> <td>-9.5</td> <td>16.8</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>RNAV1</td> </tr> </tbody> </table> | | | 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 |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

CHANGE : Critical DME

STANDARD ARRIVAL CHART-INSTRUMENT

RJCC / NEW CHITOSE

STAR

YUKII WEST ARRIVAL

From over NAVER, via CHE R201 to intercept and proceed via MKE R241...

for ILS Z or LOC Z RWY01L : ...to YUKII, via ICN-LOC to BAMBI.
Cross BAMBI at 2000FT.

for ILS Y or LOC Y RWY01L : ...to YUKII, via ICN-LOC to BAMBI.
Cross BAMBI at or above 3000FT.

for ILS Z or LOC Z RWY01R : ...to YOKOH, via ICH-LOC to YOTEI.
Cross YOTEI at 2000FT.

for ILS Y or LOC Y RWY01R : ...to YOKOH, via ICH-LOC to YOTEI.
Cross YOTEI at or above 3000FT.

YUKII EAST ARRIVAL

From over MKE VOR/DME, via MKE R180 to 8.0DME, turn right, via HDG 270° to intercept and proceed via ...

for ILS Z or LOC Z RWY01L : ...ICN-LOC to YUKII, via ICN-LOC to BAMBI.
Cross BAMBI at 2000FT.

for ILS Y or LOC Y RWY01L : ...ICN-LOC to YUKII, via ICN-LOC to BAMBI.
Cross BAMBI at or above 3000FT.

for ILS Z or LOC Z RWY01R : ...ICH-LOC to YOKOH, via ICH-LOC to YOTEI.
Cross YOTEI at 2000FT.

for ILS Y or LOC Y RWY01R : ...ICH-LOC to YOKOH, via ICH-LOC to YOTEI.
Cross YOTEI at or above 3000FT.



STANDARD ARRIVAL CHART-INSTRUMENT

RJCC / NEW CHITOSE

STAR

CHITOSE NR.1 ARRIVAL

From over CHE VOR/DME, via CHE R045 to intercept and proceed via MKE R360, via MKE 31.1DME counterclockwise ARC...

for ILS or LOC RWY19R : ...to ISIYA.

Cross MKE R360/25.0DME at or below 7000FT, cross MKE R360/30.0DME at or above 5000FT, cross ISIYA at or above 3000FT.

for VOR Z RWY19L : ...to SHINE, via CHE R011 to MAOIE.

Cross MKE R360/25.0DME at or below 7000FT, cross MKE R360/30.0DME at or above 5000FT, cross SHINE at or above 3000FT. cross MAOIE at 2000FT.

YUBARI ARRIVAL

From over NAVER, via CHE R201 to intercept and proceed via MKE R241 to MKE VOR/DME, via MKE R360, via MKE 31.1DME counterclockwise ARC...

for ILS or LOC RWY19R : ...to ISIYA.

Cross MKE R360/13.0DME at or above 12000FT, cross MKE R360/25.0DME at or below 7000FT, cross MKE R360/30.0DME at or above 5000FT, cross ISIYA at or above 3000FT.

for VOR Z RWY19L : ...to SHINE, via CHE R011 to MAOIE.

Cross MKE R360/13.0DME at or above 12000FT, cross MKE R360/25.0DME at or below 7000FT, cross MKE R360/30.0DME at or above 5000FT, cross SHINE at or above 3000FT. cross MAOIE at 2000FT.

KURIS NR.1 ARRIVAL

for ILS or LOC RWY19R : From over KURIS, via SPE 17.7DME clockwise ARC to ISIYA.

Cross ISIYA at or above 3000FT.

for VOR Z RWY19L : From over KURIS, via CHE R011 to MAOIE via SHINE.

Cross SHINE at or above 3000FT, cross MAOIE at 2000FT.

STANDARD ARRIVAL CHART-INSTRUMENT

RJCC / NEW CHITOSE

STAR



STANDARD ARRIVAL CHART-INSTRUMENT

RJCC / NEW CHITOSE

STAR

CHITOSE NR.2 ARRIVAL

From over CHE VOR/DME, via CHE R045 to intercept and proceed via MKE R360, via MKE 31.2DME counterclockwise ARC to NAPRO.

Cross MKE R360/25.0DME at or below 7000FT,
cross MKE R360/30.0DME at or above 5000FT,
cross NAPRO at or above 3000FT.

NAPRO EAST ARRIVAL

From over NAVER, via CHE R201 to intercept and proceed via MKE R241 to MKE VOR/DME, via MKE R360, via MKE 31.2DME counterclockwise ARC to NAPRO.

Cross MKE R360/13.0DME at or above 12000FT,
cross MKE R360/25.0DME at or below 7000FT,
cross MKE R360/30.0DME at or above 5000FT,
cross NAPRO at or above 3000FT.

KURIS NR.2 ARRIVAL

From over KURIS, via SPE 17.7DME clockwise ARC to NAPRO.
Cross NAPRO at or above 3000FT.

STANDARD ARRIVAL CHART-INSTRUMENT

RJCC / NEW CHITOSE

STAR

STARs for ILS Y or LOC Y RWY19L

VOR/DME
SAPPORO
113.9 SPE
CH-86X
 $43^{\circ}10'29''N/141^{\circ}18'09''E$
100FT

SPE R103
SPE R130

KURIS NR.2 ARRIVAL

KURIS
R103/D17.7 SPE
R011/D27.4 CHE
R352/D37.7 MKE

D17.7 SPE ARC

NAPRO
R002/D14.4 ICM
R130/D17.7 SPE
R344/D31.2 MKE

3000'

D31.2 MKE ARC
D30.0 MKE
5000

NAPRO EAST ARRIVAL

D25.0 MKE
7000

VOR/DME
CHITOSE
116.9 CHE
CH-116X
 $42^{\circ}42'00''N/141^{\circ}41'10''E$
100FT

CHE R201

MKE R241

CHITOSE NR.2
ARRIVAL

045°

096°

D13.0 MKE
12000

280°
100°

MHA 3000
MAX 230KIAS

VOR/DME
MUKAWA
116.4 MKE
CH-111X
 $42^{\circ}33'18''N/141^{\circ}57'20''E$
100FT

CHE VOR/DME
R201
NAVER
D35.0 CHE
D42.0 CHE
MHA 6000
MAX 230KIAS

STANDARD ARRIVAL CHART-INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY01L

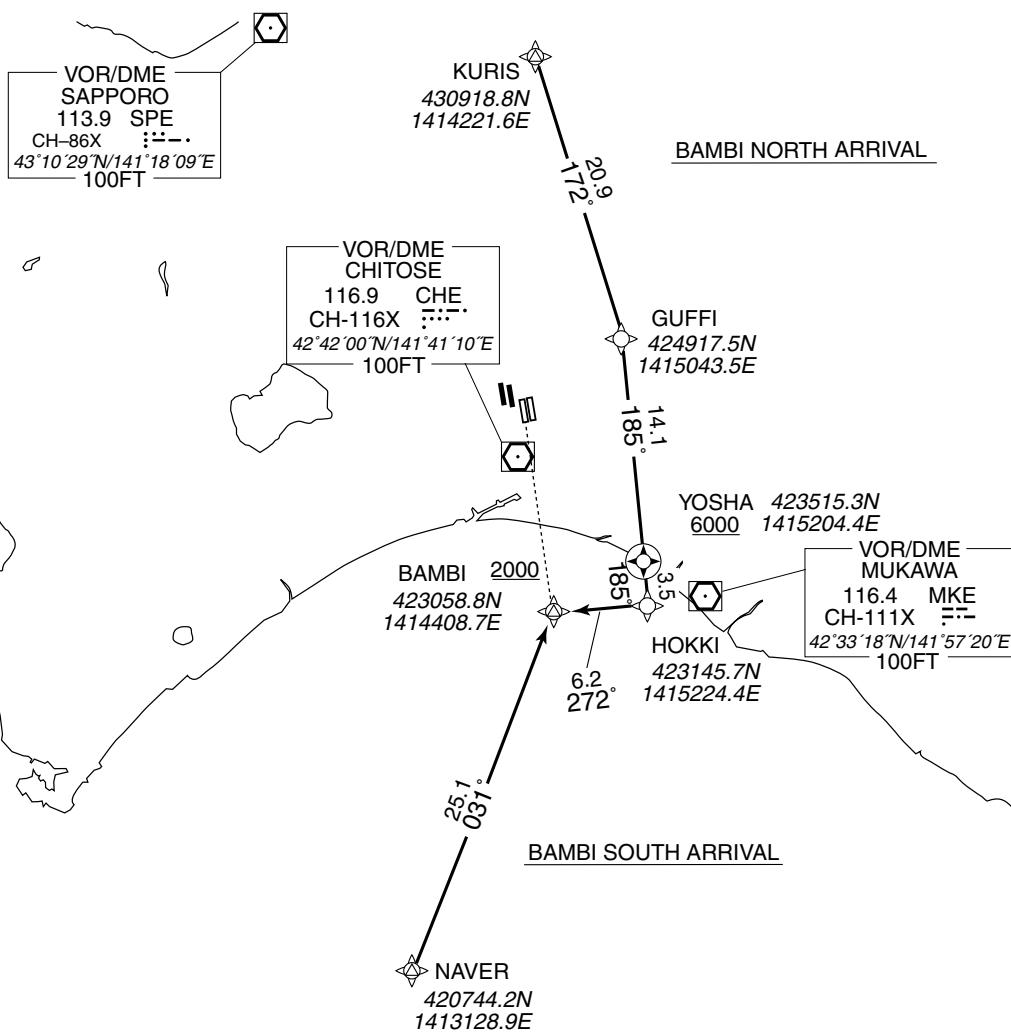
BAMBI SOUTH ARRIVAL
BAMBI NORTH ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.

2) RADAR service required.

VAR 9° W(2016)



CHE_R201
NAVER D35.0 CHE
MHA 6000 MAX 230KIAS
D42.0 CHE

STANDARD ARRIVAL CHART-INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY01L



BAMBI SOUTH ARRIVAL

From NAVER, to BAMBI at or above 2000FT.

| | |
|-----------------------|---|
| Critical DME | CHE, MKE : 19.0NM to BAMBI - BAMBI |
| DME GAP | NAVER - 19.0NM to BAMBI |
| 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 | BAMBI | — | 031 (022.0) | -9.3 | 25.1 | — | +2000 | — | — | RNAV1 |

BAMBI NORTH ARRIVAL

From KURIS, to GUFFI, to YOSHA at or above 6000FT, to HOKKI, to BAMBI at or above 2000FT.

| | |
|-----------------------|---|
| Critical DME | SPE : KURIS - 10.0NM to GUFFI CHE : 13.0NM to YOSHA - 3.0NM to YOSHA HOKKI - BAMBI MKE : HOKKI - BAMBI |
| DME GAP | 3.0NM to YOSHA - HOKKI |
| 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 | KURIS | — | — | -9.3 | — | — | — | — | — | RNAV1 |
| 002 | TF | GUFFI | — | 172 (162.9) | -9.3 | 20.9 | — | — | — | — | RNAV1 |
| 003 | TF | YOSHA | Y | 185 (175.9) | -9.3 | 14.1 | — | +6000 | — | — | RNAV1 |
| 004 | TF | HOKKI | — | 185 (175.9) | -9.3 | 3.5 | — | — | — | — | RNAV1 |
| 005 | TF | BAMBI | — | 272 (262.8) | -9.3 | 6.2 | — | +2000 | — | — | RNAV1 |

STANDARD ARRIVAL CHART-INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY01R

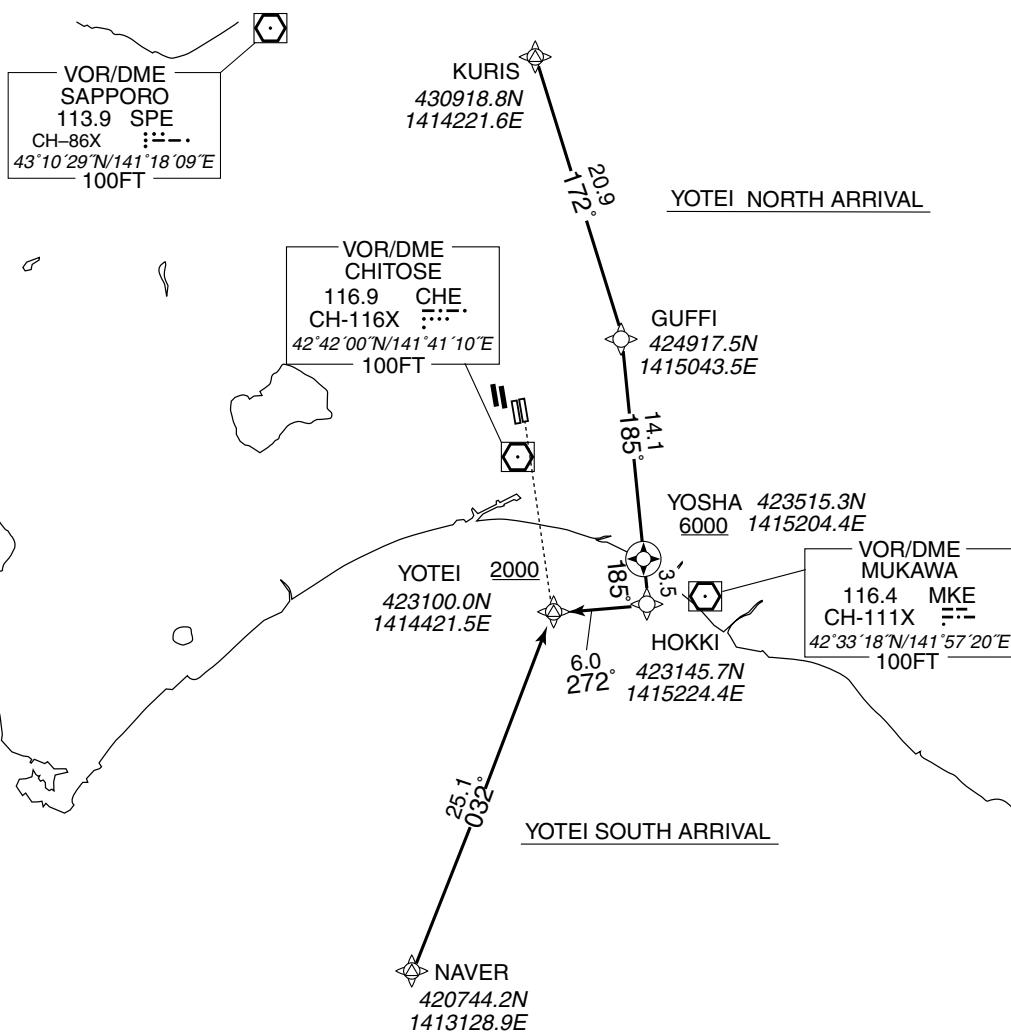
YOTEI SOUTH ARRIVAL
YOTEI NORTH ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.

2) RADAR service required.

VAR 9° W(2016)



STANDARD ARRIVAL CHART-INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY01R



YOTEI SOUTH ARRIVAL

From NAVER, to YOTEI at or above 2000FT.

| | |
|-----------------------|---|
| Critical DME | CHE, MKE : 19.0NM to YOTEI - YOTEI |
| DME GAP | NAVER - 19.0NM to YOTEI |
| 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 | YOTEI | — | 032 (022.3) | -9.3 | 25.1 | — | +2000 | — | — | RNAV1 |

YOTEI NORTH ARRIVAL

From KURIS, to GUFFI, to YOSHA at or above 6000FT, to HOKKI, to YOTEI at or above 2000FT.

| | |
|-----------------------|---|
| Critical DME | SPE : KURIS - 10.0NM to GUFFI CHE : 13.0NM to YOSHA - 3.0NM to YOSHA HOKKI - YOTEI MKE : HOKKI - YOTEI |
| DME GAP | 3.0NM to YOSHA - HOKKI |
| 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 | KURIS | — | — | -9.3 | — | — | — | — | — | RNAV1 |
| 002 | TF | GUFFI | — | 172 (162.9) | -9.3 | 20.9 | — | — | — | — | RNAV1 |
| 003 | TF | YOSHA | Y | 185 (175.9) | -9.3 | 14.1 | — | +6000 | — | — | RNAV1 |
| 004 | TF | HOKKI | — | 185 (175.9) | -9.3 | 3.5 | — | — | — | — | RNAV1 |
| 005 | TF | YOTEI | — | 272 (262.8) | -9.3 | 6.0 | — | +2000 | — | — | RNAV1 |

STANDARD APPROACH CHART - INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19L

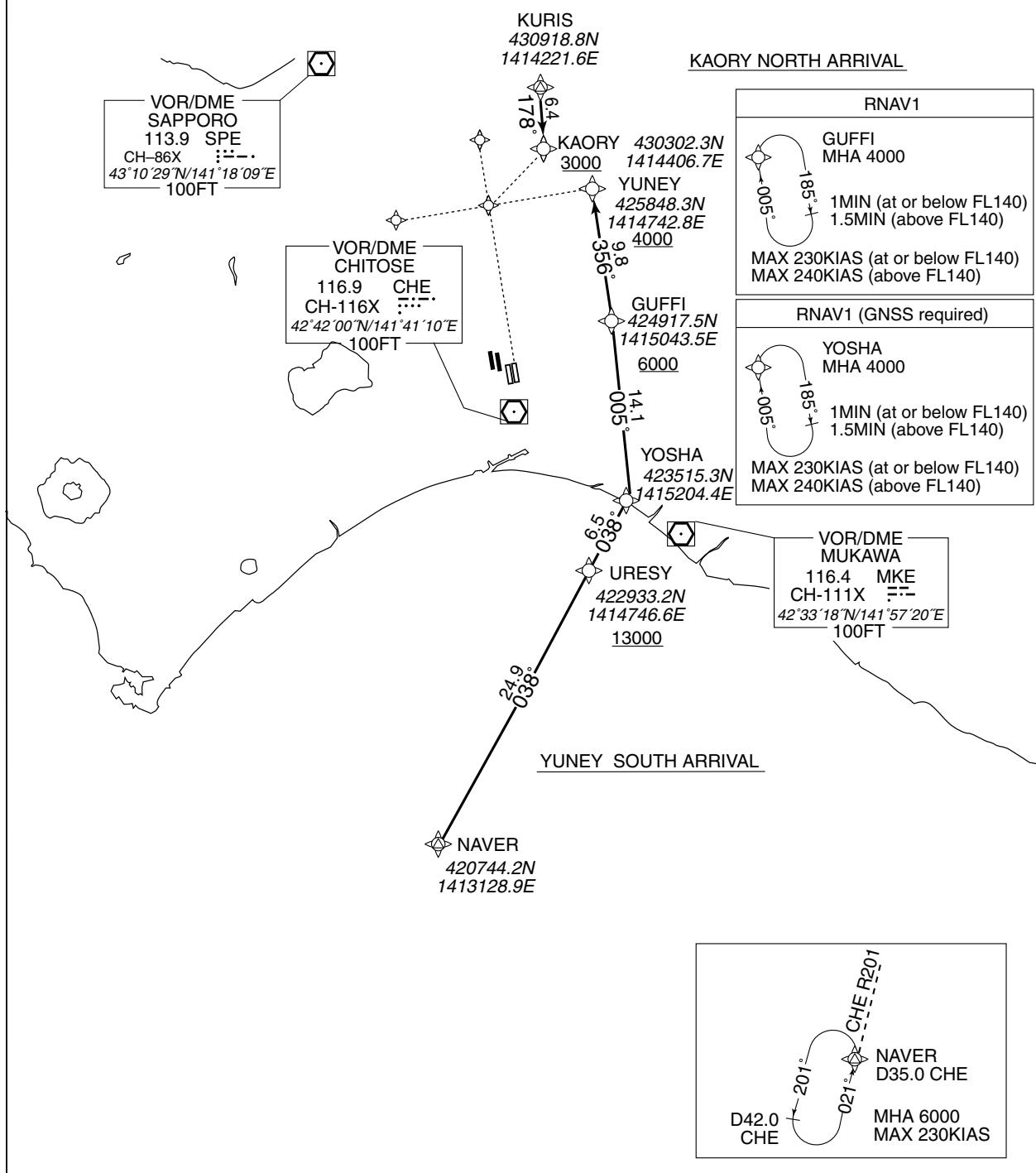
YUNNEY SOUTH ARRIVAL
KAORY NORTH ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.

2) RADAR service required.

VAR 9° W(2016)



STANDARD APPROACH CHART - INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19L

| YUNEY SOUTH ARRIVAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-----------------------|--------------------|----------------------------|--|-----------------------|-----------------------|------------------------------|--------------------------|----------------|--------------------------|---------------|---------------------|-----------------------|---|---------------------|--------------------|-----------------------|-----------------------|---------------|--------------------------|----------------|--------------------------|-----------------------|---|----------------------------|---|------|------|------------------------------|-------|------|-------|-------------|-------|----------------------------|----|-------|---|------------------------------|-------|------|---|--------|---|---|-------|-----|----|-------|---|-------------|------|-----|---|---|---|---|-------|-----|----|-------|---|-------------|------|------|---|-------|---|---|-------|-----|----|-------|---|-------------|------|-----|---|-------|---|---|-------|
| From NAVER, to URESY at or above 13000FT, to YOSHA, to GUFFI at or above 6000FT, to YUNEY at or above 4000FT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Critical DME</td> <td>CHE : 18.5NM to URESY - 15.5NM to URESY 10.0NM to GUFFI - GUFFI MKE : 18.5NM to URESY - 3.0NM to YOSHA 1.0NM to YOSHA - YOSHA</td> <td colspan="8"></td> </tr> <tr> <td>DME GAP</td> <td>NAVER - 18.5NM to URESY 3.0NM to YOSHA - 1.0NM to YOSHA YOSHA - 10.0NM to GUFFI</td> <td colspan="8"></td> </tr> <tr> <td>Inappropriate Navaids</td> <td>See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1</td> <td colspan="8" rowspan="2"></td> </tr> </table> | | | | Critical DME | CHE : 18.5NM to URESY - 15.5NM to URESY 10.0NM to GUFFI - GUFFI MKE : 18.5NM to URESY - 3.0NM to YOSHA 1.0NM to YOSHA - YOSHA | | | | | | | | | DME GAP | NAVER - 18.5NM to URESY 3.0NM to YOSHA - 1.0NM to YOSHA YOSHA - 10.0NM to GUFFI | | | | | | | | | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Critical DME | CHE : 18.5NM to URESY - 15.5NM to URESY 10.0NM to GUFFI - GUFFI MKE : 18.5NM to URESY - 3.0NM to YOSHA 1.0NM to YOSHA - YOSHA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DME GAP | NAVER - 18.5NM to URESY 3.0NM to YOSHA - 1.0NM to YOSHA YOSHA - 10.0NM to GUFFI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 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 | URESY | — | 038 (028.8) | -9.3 | 24.9 | — | +13000 | — | — | RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 003 | TF | YOSHA | — | 038 (029.0) | -9.3 | 6.5 | — | — | — | — | RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 004 | TF | GUFFI | — | 005 (356.0) | -9.3 | 14.1 | — | +6000 | — | — | RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 005 | TF | YUNEY | — | 356 (346.9) | -9.3 | 9.8 | — | +4000 | — | — | RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 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 | GUFFI | 005 (356.0) | -9.3 | 1.0(-14000) 1.5(+14001) | R | 4000 | — | -230(-14000) -240(+14001) | RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hold | YOSHA | 005 (356.0) | -9.3 | 1.0(-14000) 1.5(+14001) | R | 4000 | — | -230(-14000) -240(+14001) | RNAV1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STANDARD APPROACH CHART - INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19L

KAORY NORTH ARRIVAL

From KURIS, to KAORY at or above 3000FT.

| | |
|-----------------------|---|
| Critical DME | SPE : KURIS - KAORY |
| DME GAP | - |
| 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 | KURIS | - | - | -9.3 | - | - | - | - | - | RNAV1 |
| 002 | TF | KAORY | - | 178 (168.4) | -9.3 | 6.4 | - | +3000 | - | - | RNAV1 |

STANDARD APPROACH CHART - INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19L

KAORY ALFA ARRIVAL
KAORY BRAVO ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.

2) RADAR service required.

VAR 9° W(2016)



STANDARD APPROACH CHART - INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19L

KAORY 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 KAORY at or above 3000FT.

| | |
|-----------------------|---|
| Critical DME | SPE: C9R55 - KAORY 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 | KAORY | - | 240 (230.8) | -9.3 | 5.6 | - | +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 APPROACH CHART - INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19L

KAORY BRAVO ARRIVAL

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

| | |
|-----------------------|---|
| Critical DME | SPE: C9R55 - KAORY |
| 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 | KAORY | — | 240 (230.8) | -9.3 | 5.6 | — | +3000 | — | — | RNAV1 |

STANDARD APPROACH CHART - INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19L

NAVER ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.

2) RADAR service required.

VAR 9° W(2016)

VOR/DME
SAPPORO
113.9 SPE
CH-86X
43°10'29"N/141°18'09"E
100FT

VOR/DME
CHITOSE
116.9 CHE
CH-116X
42°42'00"N/141°41'10"E
100FT

KAORY
430302.3N
1414406.7E
3000
330°
356°
112°
GUFFI
424917.5N
1415043.5E
6000
500
14.1
YOSHA
423515.3N
1415204.4E
13000
538°
038°
24.9°
NAVER ARRIVAL

RNAV1
GUFFI
MHA 4000
185°
005°
1MIN (at or below FL140)
1.5MIN (above FL140)
MAX 230KIAS (at or below FL140)
MAX 240KIAS (above FL140)

RNAV1 (GNSS required)
YOSHA
MHA 4000
85°
005°
1MIN (at or below FL140)
1.5MIN (above FL140)
MAX 230KIAS (at or below FL140)
MAX 240KIAS (above FL140)

VOR/DME
MUKAWA
116.4 MKE
CH-111X
42°33'18"N/141°57'20"E
100FT

NAVER
D35.0 CHE
MHA 6000
MAX 230KIAS
CHE_R201
021°
201°
D42.0 CHE

STANDARD APPROACH CHART - INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19L

NAVER ARRIVAL

From NAVER, to URESY at or above 13000FT, to YOSHA, to GUFFI at or above 6000FT, to YOHCK, to KAORY at or above 3000FT.

| | |
|-----------------------|---|
| Critical DME | CHE : 18.5NM to URESY - 15.5NM to URESY 10.0NM to GUFFI - GUFFI MKE : 18.5NM to URESY - 3.0NM to YOSHA 1.0NM to YOSHA - YOSHA SPE : YOHCK - KAORY |
| DME GAP | NAVER - 18.5NM to URESY 3.0NM to YOSHA - 1.0NM to YOSHA YOSHA - 10.0NM to GUFFI |
| 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 | URESY | — | 038 (028.8) | -9.3 | 24.9 | — | +13000 | — | — | RNAV1 |
| 003 | TF | YOSHA | — | 038 (029.0) | -9.3 | 6.5 | — | — | — | — | RNAV1 |
| 004 | TF | GUFFI | — | 005 (356.0) | -9.3 | 14.1 | — | +6000 | — | — | RNAV1 |
| 005 | TF | YOHCK | — | 356 (346.9) | -9.3 | 11.2 | — | — | — | — | RNAV1 |
| 006 | TF | KAORY | — | 330 (320.9) | -9.3 | 3.7 | — | +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 | GUFFI | 005 (356.0) | -9.3 | 1.0(-14000) 1.5(+14001) | R | 4000 | — | -230(-14000) -240(+14001) | RNAV1 |
| Hold | YOSHA | 005 (356.0) | -9.3 | 1.0(-14000) 1.5(+14001) | R | 4000 | — | -230(-14000) -240(+14001) | RNAV1 |

STANDARD APPROACH CHART - INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19L

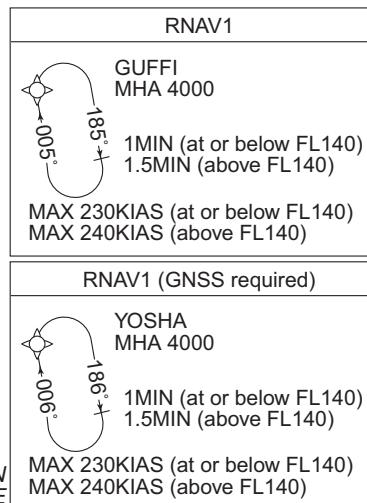
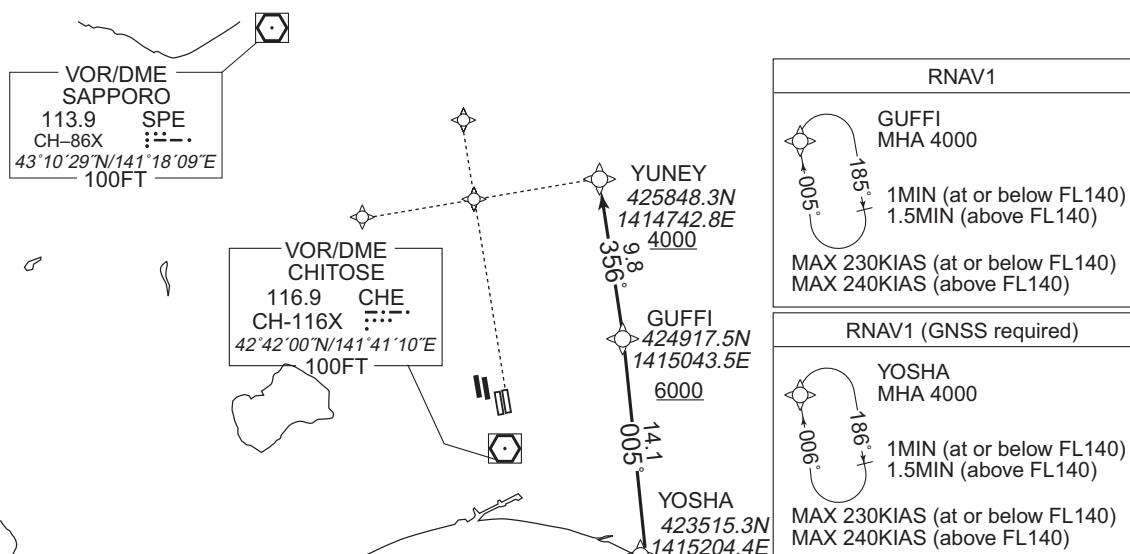
YUNNEY EAST ARRIVAL

RNAV 1

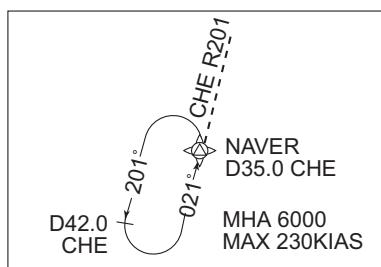
Note 1) DME/DME/IRU or GNSS required.

2) RADAR service required.

VAR 10° W(2019)



CHANGE : New PROC



STANDARD APPROACH CHART - INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19L

YUNEY EAST ARRIVAL

From NAVER, to VANKM, to NIKAP at or below 10000FT, to YOSHA, to GUFFI at or above 6000FT, to YUNEY at or above 4000FT.

| | |
|-----------------------|---|
| Critical DME | CHE : 10.0NM to GUFFI - GUFFI MKE : 7.0NM to VANKM - YOSHA |
| DME GAP | YOSHA - 10.0NM to GUFFI |
| 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 | — | — | -9.5 | — | — | — | — | — | RNAV1 |
| 002 | TF | VANKM | — | 070 (060.5) | -9.5 | 19.0 | — | — | — | — | RNAV1 |
| 003 | TF | NIKAP | — | 006 (356.0) | -9.5 | 9.1 | — | -10000 | — | — | RNAV1 |
| 004 | TF | YOSHA | — | 006 (356.0) | -9.5 | 9.1 | — | — | — | — | RNAV1 |
| 005 | TF | GUFFI | — | 005 (356.0) | -9.5 | 14.1 | — | +6000 | — | — | RNAV1 |
| 006 | TF | YUNEY | — | 356 (347.0) | -9.5 | 9.8 | — | +4000 | — | — | 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 | GUFFI | 005 (356.0) | -9.5 | 1.0(-14000) 1.5(+14001) | R | 4000 | — | -230(-14000) -240(+14001) | RNAV1 |
| Hold | YOSHA | 006 (356.0) | -9.5 | 1.0(-14000) 1.5(+14001) | R | 4000 | — | -230(-14000) -240(+14001) | RNAV1 |

CHANGE : Critical DME

STANDARD ARRIVAL CHART-INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19R

NAGANUMA SOUTH ARRIVAL
NAGANUMA NORTH ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.

2) RADAR service required.

VAR 9° W(2016)



STANDARD ARRIVAL CHART-INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19R

NAGANUMA SOUTH ARRIVAL

From NAVER, to URESY at or above 13000FT, to YOSHA, to GUFFI at or above 6000FT, to YOHCK, to KAORY, to NACKS at or above 3000FT.

| | |
|-----------------------|---|
| Critical DME | CHE : 18.5NM to URESY - 15.5NM to URESY 10.0NM to GUFFI - GUFFI 1.0NM to NACKS - NACKS MKE : 18.5NM to URESY - 3.0NM to YOSHA 1.0NM to YOSHA - YOSHA SPE : YOHCK - NACKS |
| DME GAP | NAVER - 18.5NM to URESY 3.0NM to YOSHA - 1.0NM to YOSHA YOSHA - 10.0NM to GUFFI |
| 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 | URESY | — | 038 (028.8) | -9.3 | 24.9 | — | +13000 | — | — | RNAV1 |
| 003 | TF | YOSHA | — | 038 (029.0) | -9.3 | 6.5 | — | — | — | — | RNAV1 |
| 004 | TF | GUFFI | — | 005 (356.0) | -9.3 | 14.1 | — | +6000 | — | — | RNAV1 |
| 005 | TF | YOHCK | — | 356 (346.9) | -9.3 | 11.2 | — | — | — | — | RNAV1 |
| 006 | TF | KAORY | — | 330 (320.9) | -9.3 | 3.7 | — | — | — | — | RNAV1 |
| 007 | TF | NACKS | — | 240 (230.9) | -9.3 | 4.8 | — | +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 | GUFFI | 005 (356.0) | -9.3 | 1.0(-14000) 1.5(+14001) | R | 4000 | — | -230(-14000) -240(+14001) | RNAV1 |
| Hold | YOSHA | 005 (356.0) | -9.3 | 1.0(-14000) 1.5(+14001) | R | 4000 | — | -230(-14000) -240(+14001) | RNAV1 |

NAGANUMA NORTH ARRIVAL

From KURIS, to NACKS at or above 3000FT.

| | |
|-----------------------|---|
| Critical DME | CHE : 1.0NM to NACKS - NACKS SPE : KURIS - NACKS |
| DME GAP | — |
| 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 | KURIS | — | — | -9.3 | — | — | — | — | — | RNAV1 |
| 002 | TF | NACKS | — | 204 (194.7) | -9.3 | 9.6 | — | +3000 | — | — | RNAV1 |

STANDARD ARRIVAL CHART-INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19R

NACKS ALFA ARRIVAL
NACKS BRAVO ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.

2) RADAR service required.

VAR 9° W(2016)



STANDARD ARRIVAL CHART-INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19R

NACKS 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 NACKS at or above 3000FT.

| | |
|-----------------------|---|
| Critical DME | SPE : C9R55 - NACKS 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 | NACKS | — | 240 (230.8) | -9.3 | 10.4 | — | +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

RJCC / NEW CHITOSE

RNAV STAR RWY19R

NACKS BRAVO ARRIVAL

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

| | |
|-----------------------|---|
| Critical DME | SPE : C9R55 - NACKS |
| 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 | NACKS | — | 240 (230.8) | -9.3 | 10.4 | — | +3000 | — | — | RNAV1 |

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE

ILS Y or LOC Y RWY01L



INSTRUMENT APPROACH CHART



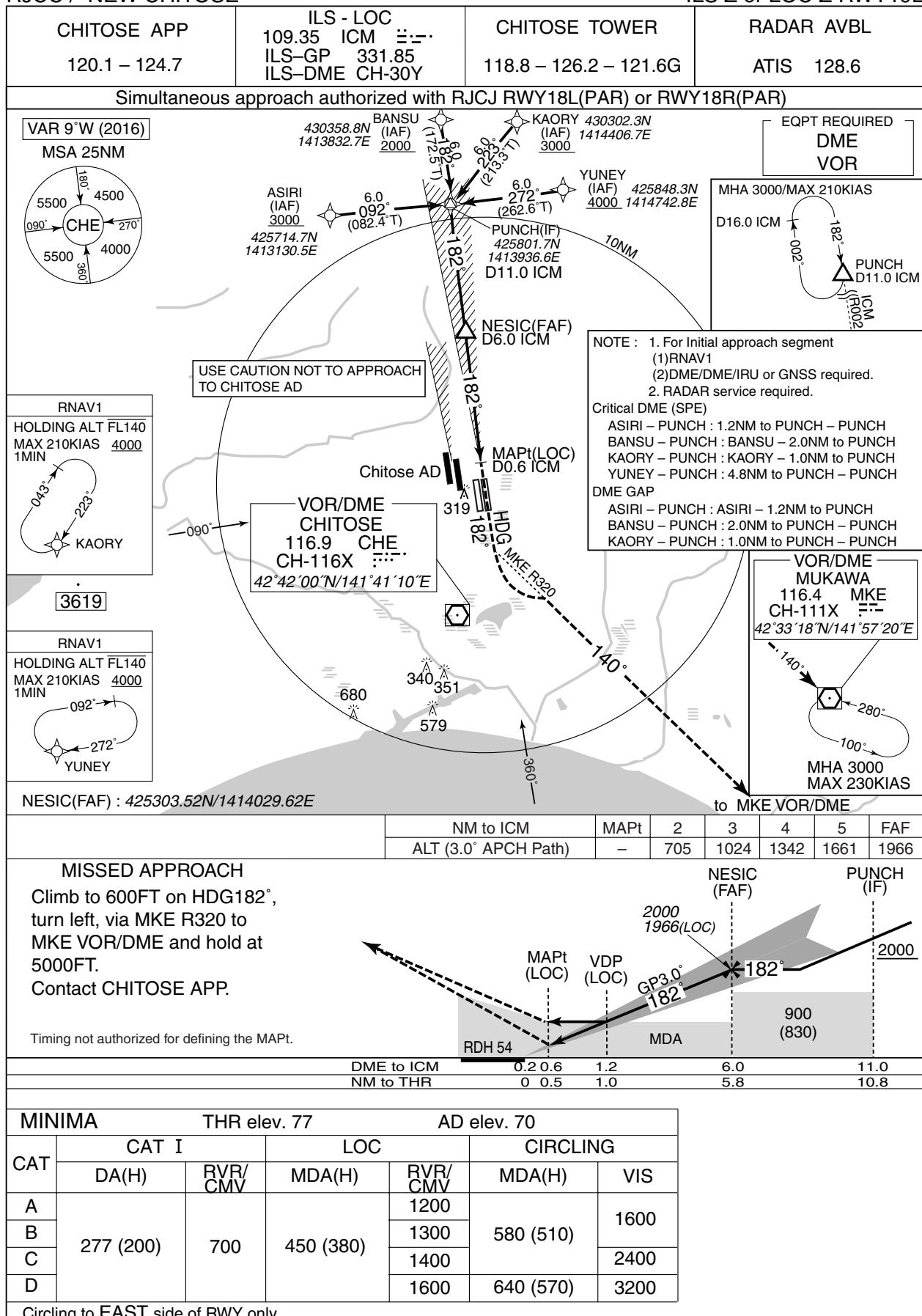
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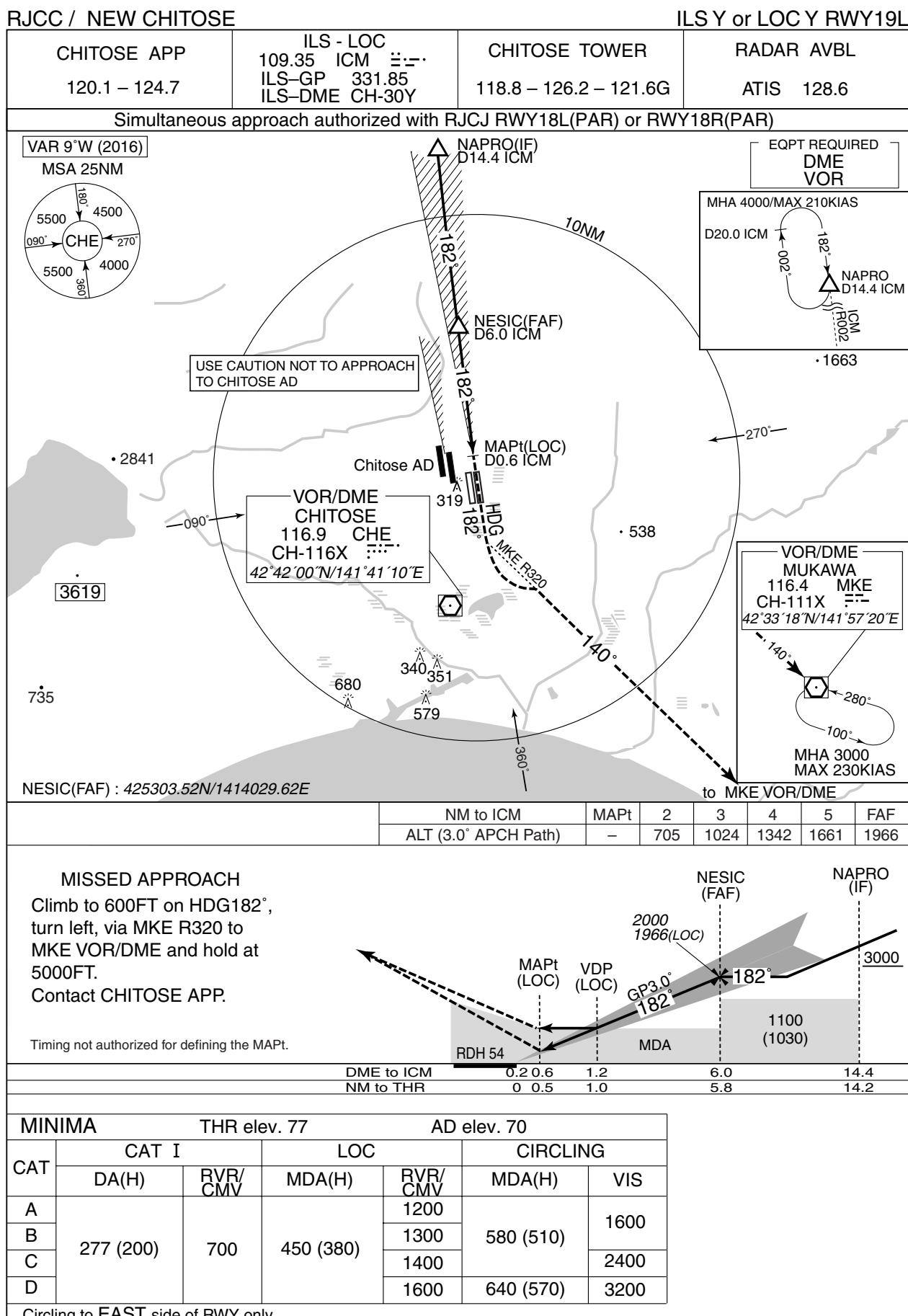
INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE

ILS Z or LOC Z RWY19L



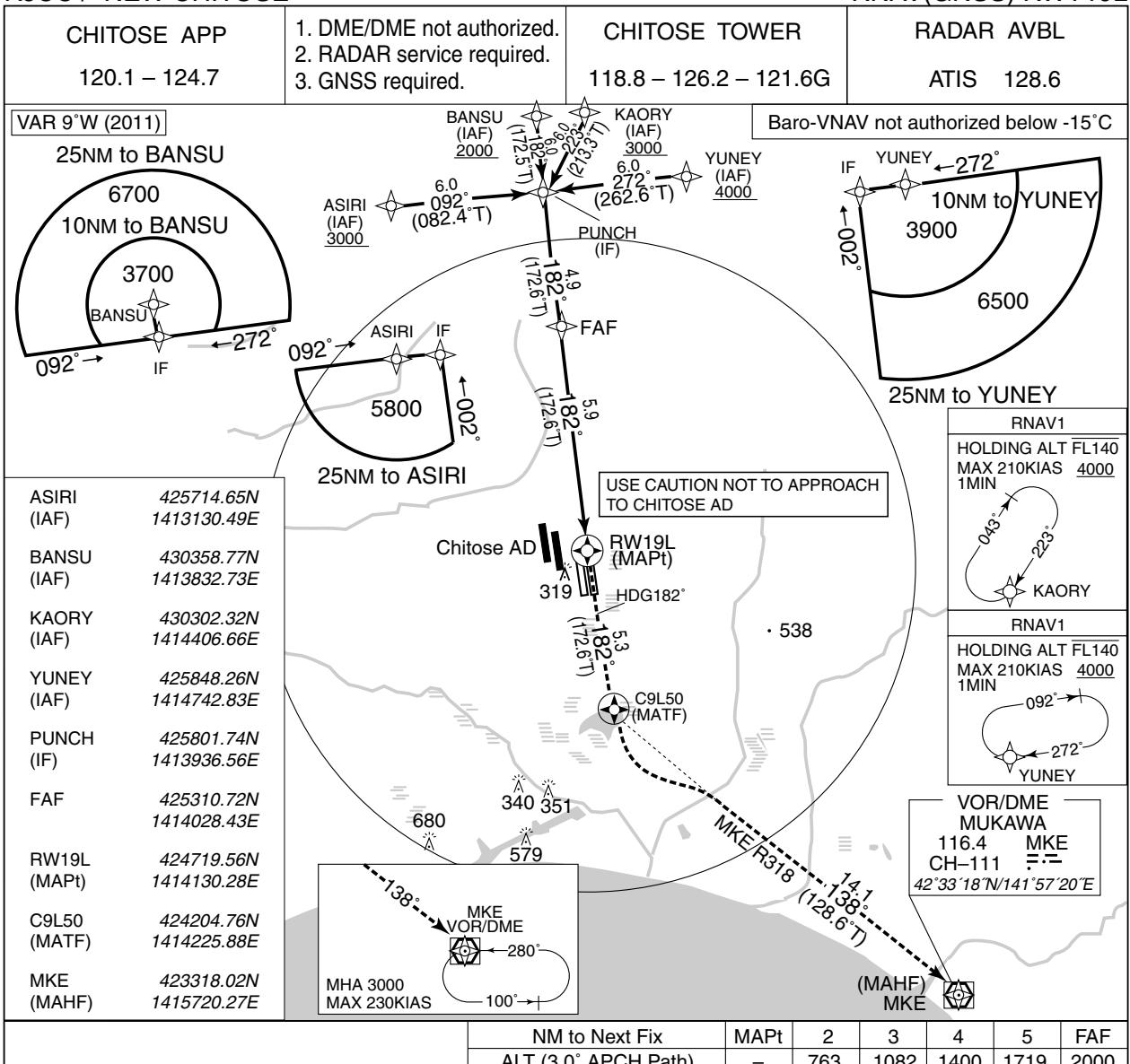
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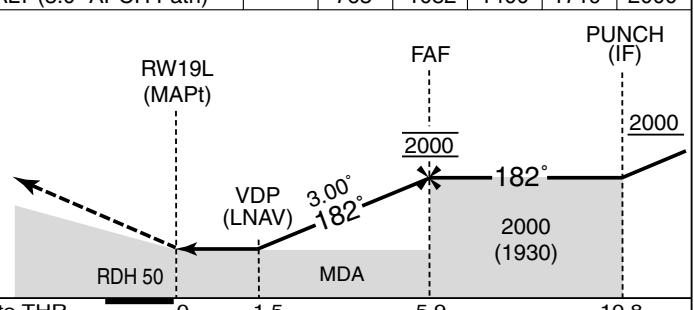
RJCC / NEW CHITOSE

RNAV(GNSS) RWY19L



MISSED APPROACH
Climb to 3000FT to C9L50 on track 182°, turn left to MKE and hold.
Contact CHITOSE APP.

(for using VOR/DME)
Climb to 3000FT on HDG182° to intercept and proceed via MKE R318 to MKE VOR/DME and hold.
Contact CHITOSE APP.



MINIMA THR elev. 77 AD elev. 70

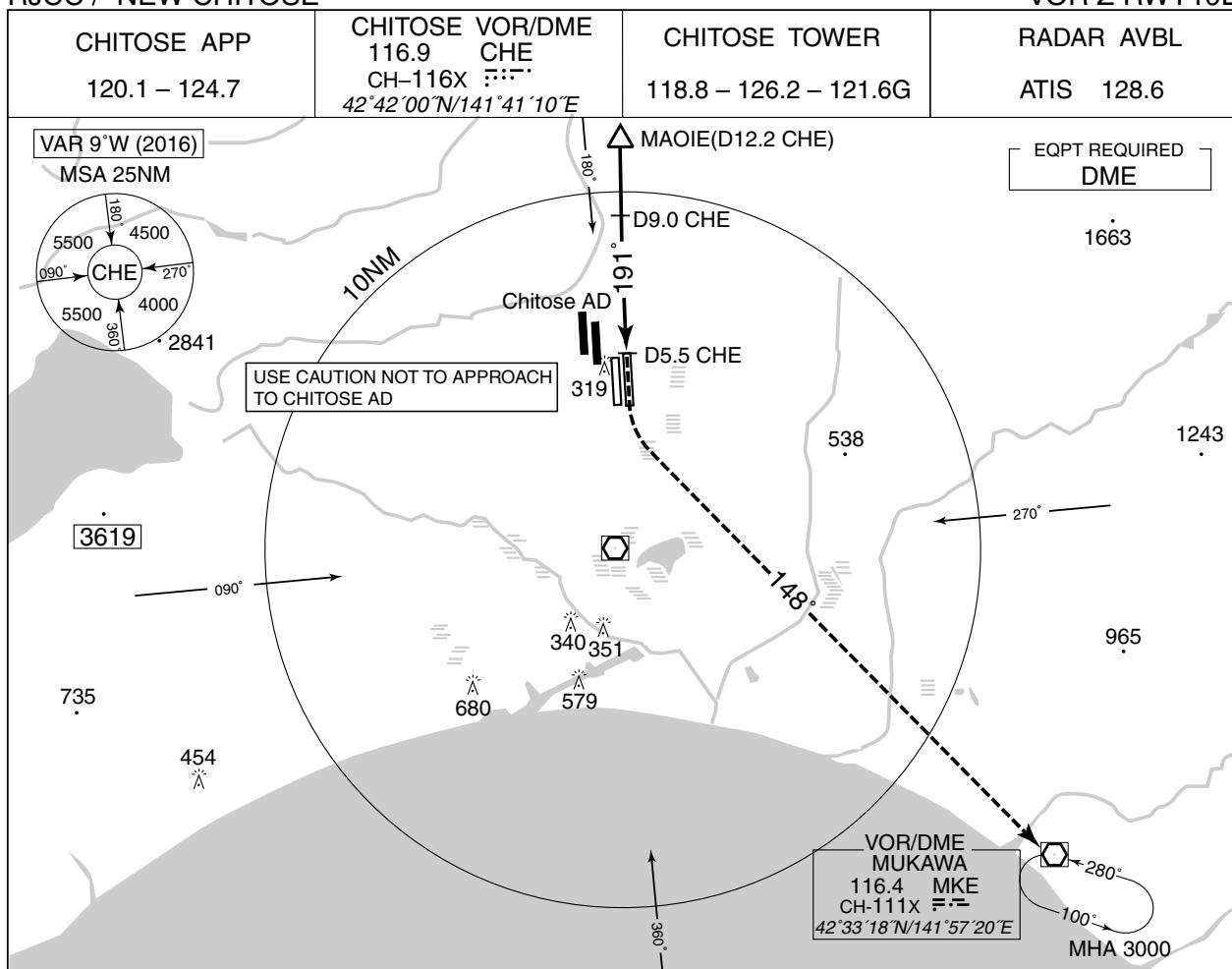
| CAT | LNAV/VNAV | | LNAV | | CIRCLING | |
|-----|-----------|---------|--------|---------|-----------|-----|
| | DA(H) | RVR/CMV | MDA(H) | RVR/CMV | MDA(H) | VIS |
| A | 1400 | | 1400 | | 1600 | |
| B | 1500 | | 1500 | | 580 (510) | |
| C | 570 (493) | | 1600 | | 2400 | |
| D | 1600 | | 1800 | | 640 (570) | |
| | 1800 | | | | 3200 | |

Circling to EAST side of RWY only.

INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE

VOR Z RWY19L



MISSSED APPROACH

Turn left, climb via MKE
R328 to 5000FT, proceed to
MKE VOR/DME and hold.
Contact CHITOSE APP.



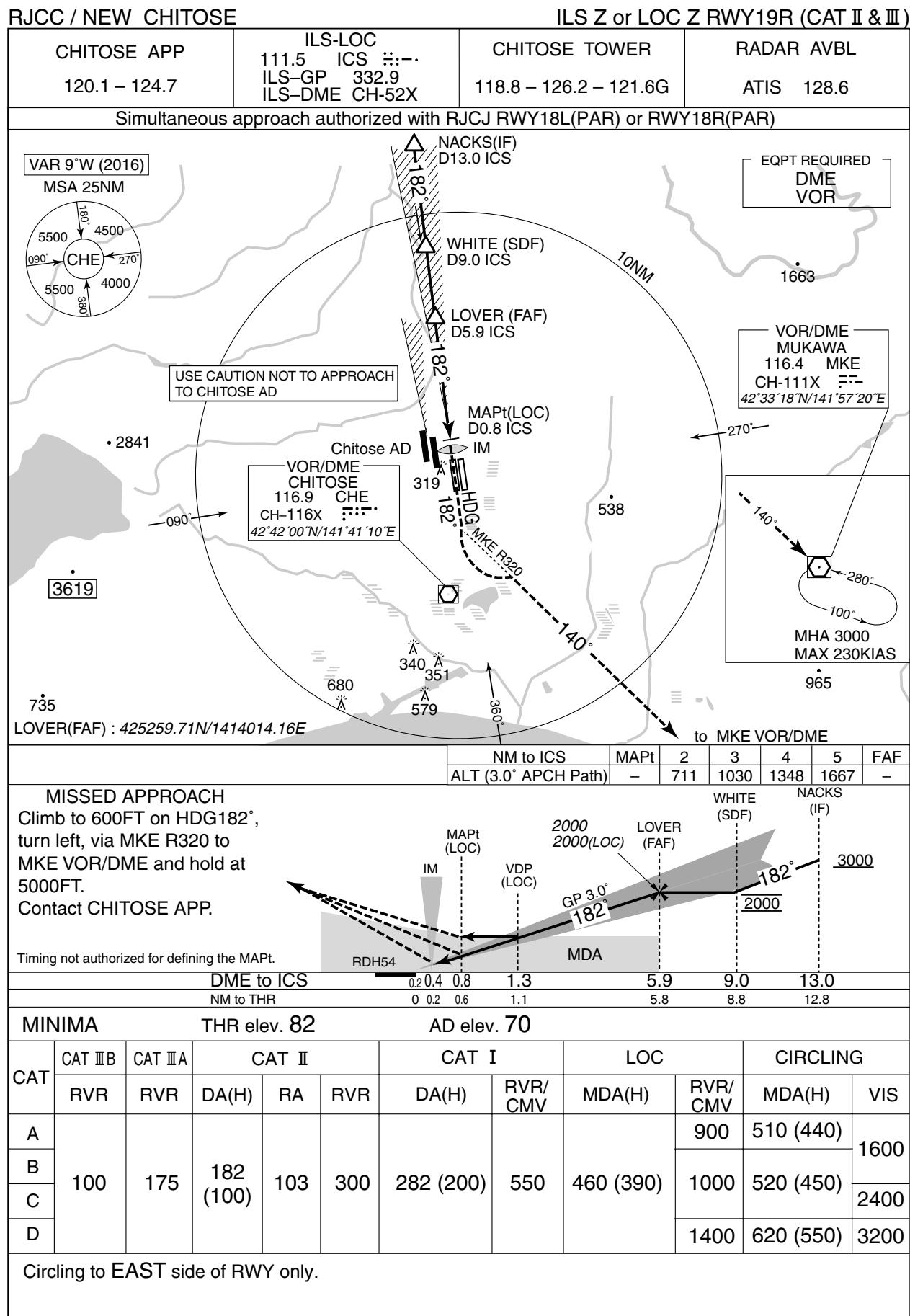
| MINIMA | | THR elev. 77 | AD elev. 70 | CIRCLING | |
|--------|--------|--------------|-------------|----------|--|
| CAT | MDA(H) | RVR/CMV | MDA(H) | VIS | |
| A | 1400 | | | 1600 | |
| B | 1500 | | 620 (550) | | |
| C | 1600 | | | 2400 | |
| D | 1800 | 640 (570) | 3200 | | |

Circling to EAST side of RWY only.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



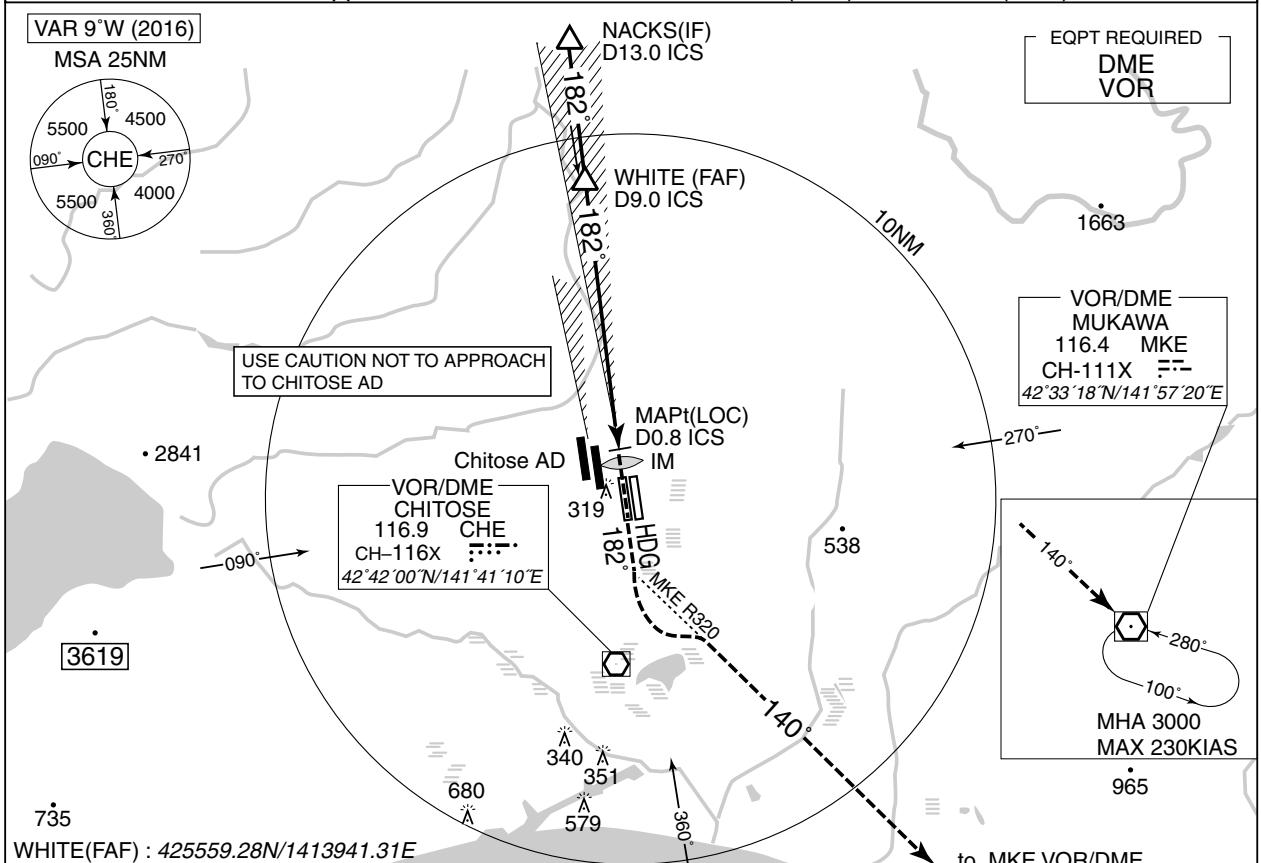
INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE

ILS Y or LOC Y RWY19R (CAT II & III)

| | | | |
|------------------------------|---|---|--------------------------|
| CHITOSE APP 120.1 – 124.7 | ILS-LOC 111.5 ICS $\vdash\vdash$ ILS-GP 332.9 ILS-DME CH-52X | CHITOSE TOWER 118.8 – 126.2 – 121.6G | RADAR AVBL ATIS 128.6 |
|------------------------------|---|---|--------------------------|

Simultaneous approach authorized with RJCJ RWY18L(PAR) or RWY18R(PAR)



| | | | | |
|--|-----------------|------------|-------|-------|
| MISSED APPROACH | MAPt (LOC) | 3000 | WHITE | NACKS |
| Climb to 600FT on HDG182°, turn left, via MKE R320 to MKE VOR/DME and hold at 5000FT. | VDP (LOC) | 3000 | (FAF) | (IF) |
| Contact CHITOSE APP. | SDF (LOC) | 2000 (LOC) | 182° | 3000 |
| Timing not authorized for defining the MAPt. | GP 3.0° | 182° | 182° | 182° |
| RDH54 | MDA | 5.9 | 9.0 | 13.0 |
| DME to ICS | 0.2 0.4 0.8 1.3 | 5.8 | 8.8 | 12.8 |
| NM to THR | 0 0.2 0.6 1.1 | | | |

| CAT | CAT IIIB | | CAT IIIA | | CAT II | | CAT I | | LOC | | CIRCLING | |
|-----|----------|-----|--------------|-----|--------|-----------|---------|-----------|---------|--------|-----------|------|
| | RVR | RVR | DA(H) | RA | RVR | DA(H) | RVR/CMV | MDA(H) | RVR/CMV | MDA(H) | VIS | |
| A | | | | | | | | | | 900 | 510 (440) | 1600 |
| B | 100 | 175 | 182 (100) | 103 | 300 | 282 (200) | 550 | 460 (390) | | 1000 | 520 (450) | 2400 |
| C | | | | | | | | | | 1400 | 620 (550) | 3200 |
| D | | | | | | | | | | | | |

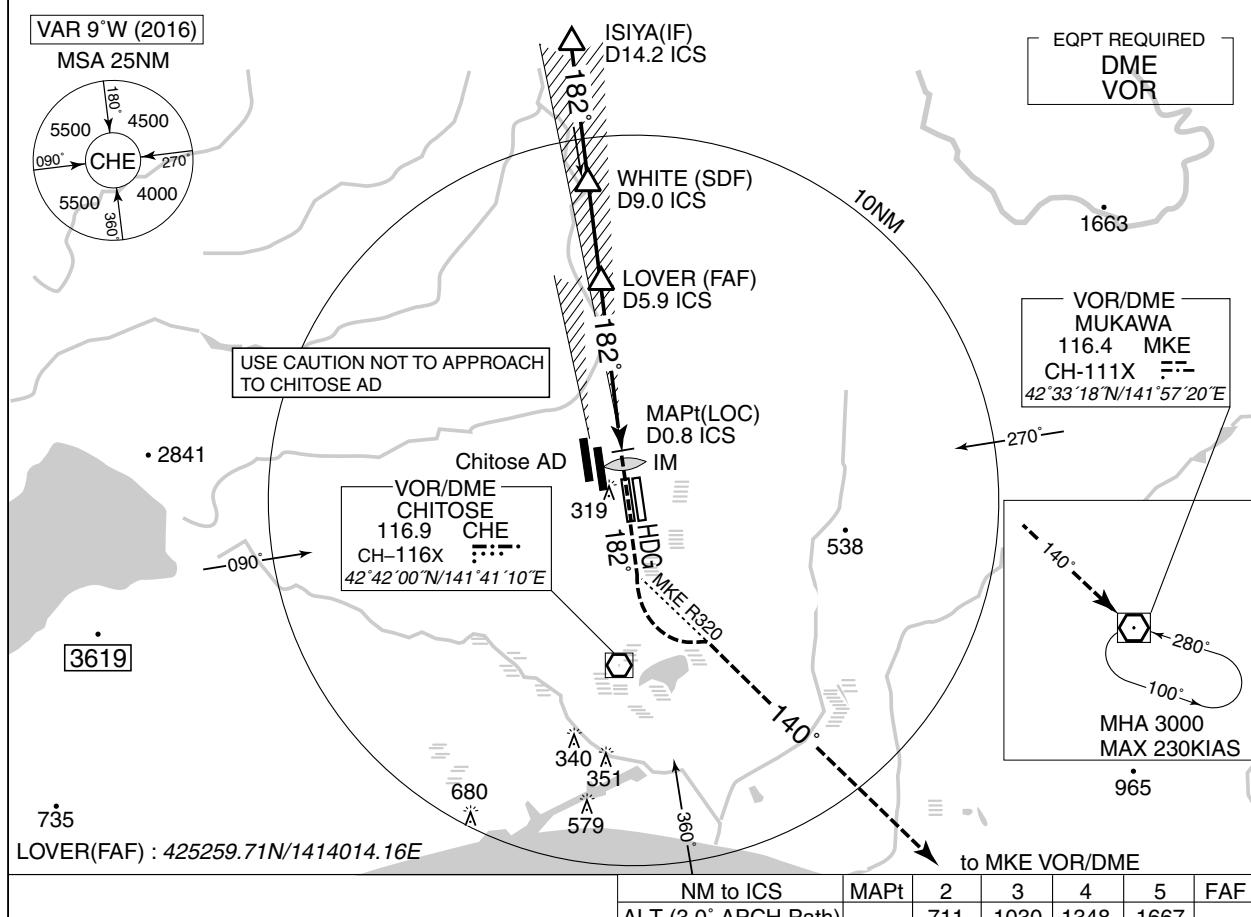
Circling to EAST side of RWY only.

INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE

ILS X or LOC X RWY19R (CAT II & III)

| | | | |
|---|---|---|--------------------------|
| CHITOSE APP 120.1 – 124.7 | ILS-LOC 111.5 ICS $\vdash\vdash$ ILS-GP 332.9 ILS-DME CH-52X | CHITOSE TOWER 118.8 – 126.2 – 121.6G | RADAR AVBL ATIS 128.6 |
| Simultaneous approach authorized with RJCJ RWY18L(PAR) or RWY18R(PAR) | | | |



MISSSED APPROACH

Climb to 600FT on HDG182°, turn left, via MKE R320 to MKE VOR/DME and hold at 5000FT.

Contact CHITOSE APP.

Timing not authorized for defining the MAPt.

| DME to ICS | 0.2 | 0.4 | 0.8 | 1.3 | 5.9 | 9.0 | 14.2 |
|------------|-----|-----|-----|-----|-----|-----|------|
| NM to THR | 0 | 0.2 | 0.6 | 1.1 | 5.8 | 8.8 | 14.0 |

MINIMA

THR elev. 82

AD elev. 70

| CAT | CAT II B | CAT II A | CAT II | | CAT I | | LOC | | CIRCLING | | |
|------------------------------------|----------|----------|--------|----|-------|-------|---------|--------|-----------|--------|------|
| | RVR | RVR | DA(H) | RA | RVR | DA(H) | RVR/CMV | MDA(H) | RVR/CMV | MDA(H) | VIS |
| A | | | | | | | | 900 | 510 (440) | | 1600 |
| B | | | | | | | | | | | |
| C | | | | | | | | | | | 2400 |
| D | | | | | | | | | | | 3200 |
| Circling to EAST side of RWY only. | | | | | | | | | | | |

INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE

ILS W or LOC W RWY19R (CAT II & III)



INSTRUMENT APPROACH CHART

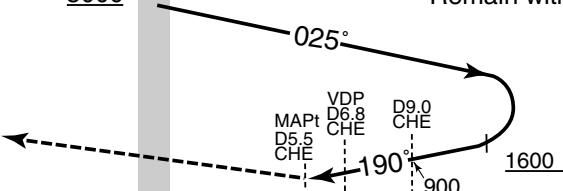


MISSED APPROACH

Turn left, climb via MKE R328 to 5000FT, proceed to MKE VOR/DME and hold. Contact CHITOSE APP.

CHE
5000

Remain within CHE 14.0DME



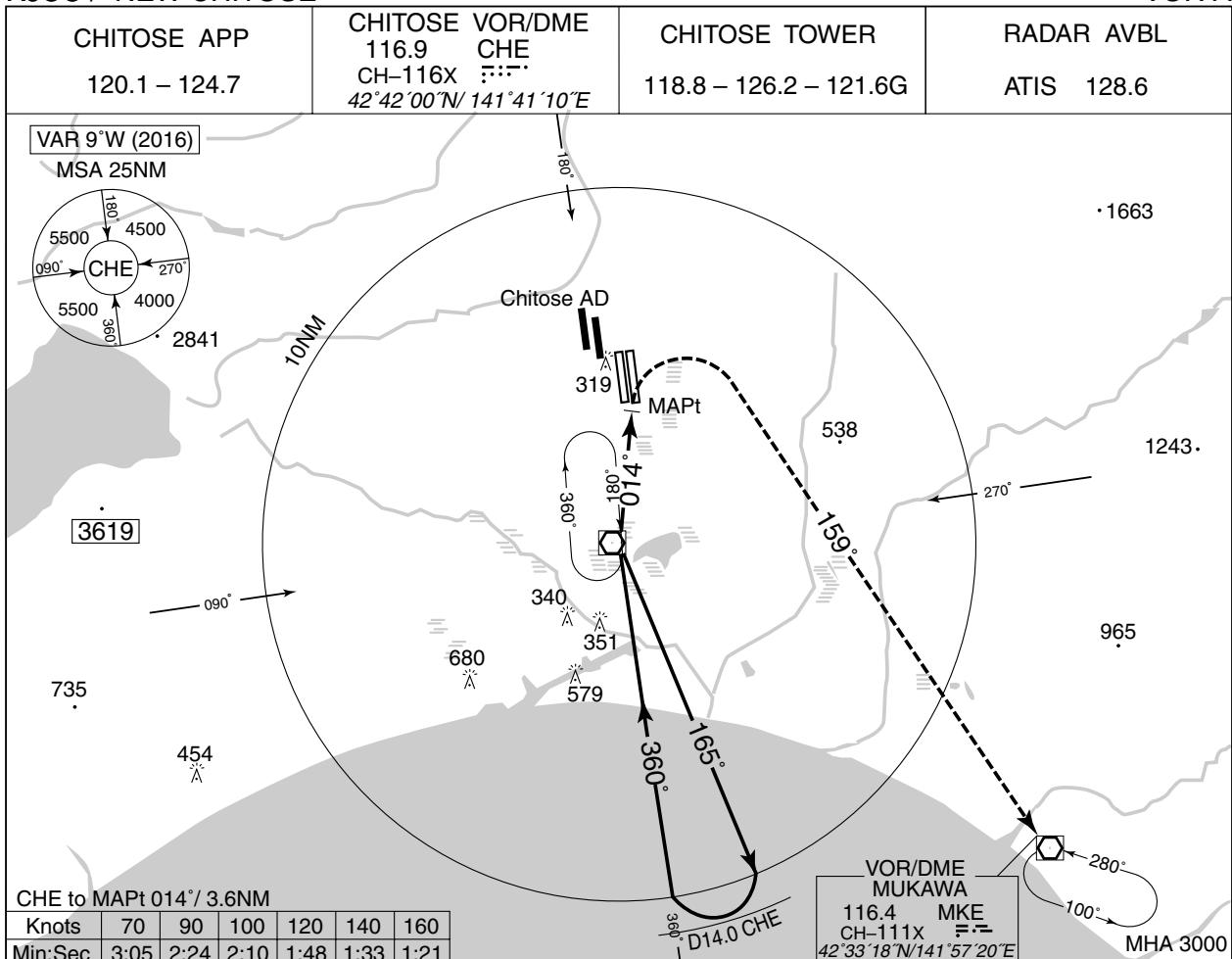
| MINIMA | | THR elev. 82 | AD elev. 70 | CIRCLING | |
|--------|-----------|--------------|-------------|----------|--|
| CAT | MDA(H) | RVR/CMV | MDA(H) | VIS | |
| A | 1000 | | | 1600 | |
| B | 620 (550) | | 620 (550) | | |
| C | 1200 | | | 2400 | |
| D | 1600 | | 640 (570) | 3200 | |

Circling to EAST side of RWY only.

INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE

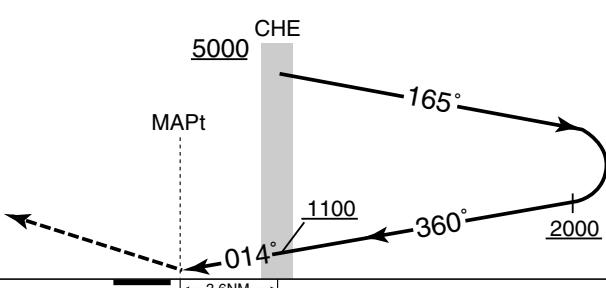
VOR A



MISSED APPROACH

Remain within 14.0NM of CHE

Turn right climb via MKE
R339 to 5000FT. Proceed
to MKE VOR/DME and hold.
Contact CHITOSE APP.



MINIMA

AD elev. 70

CAT CIRCLING

| CAT | CIRCLING | |
|-----|-----------|------|
| | MDA(H) | VIS |
| A | 1600 | |
| B | 580 (510) | 2400 |
| C | | 3200 |
| D | 640 (570) | |

Circling to EAST side of RWY only.



RJCC / NEW CHITOSE

Minimum Vectoring Altitude CHART

VAR 9°W (2006)



Each distances as follows,

- ① 4NM
- ② 6NM
- ③ 8NM
- ④ 9NM
- ⑤ 13NM
- ⑥ 15NM
- ⑦ 20NM

CENTER : 424740N/1413959E (RJCJ ARP)