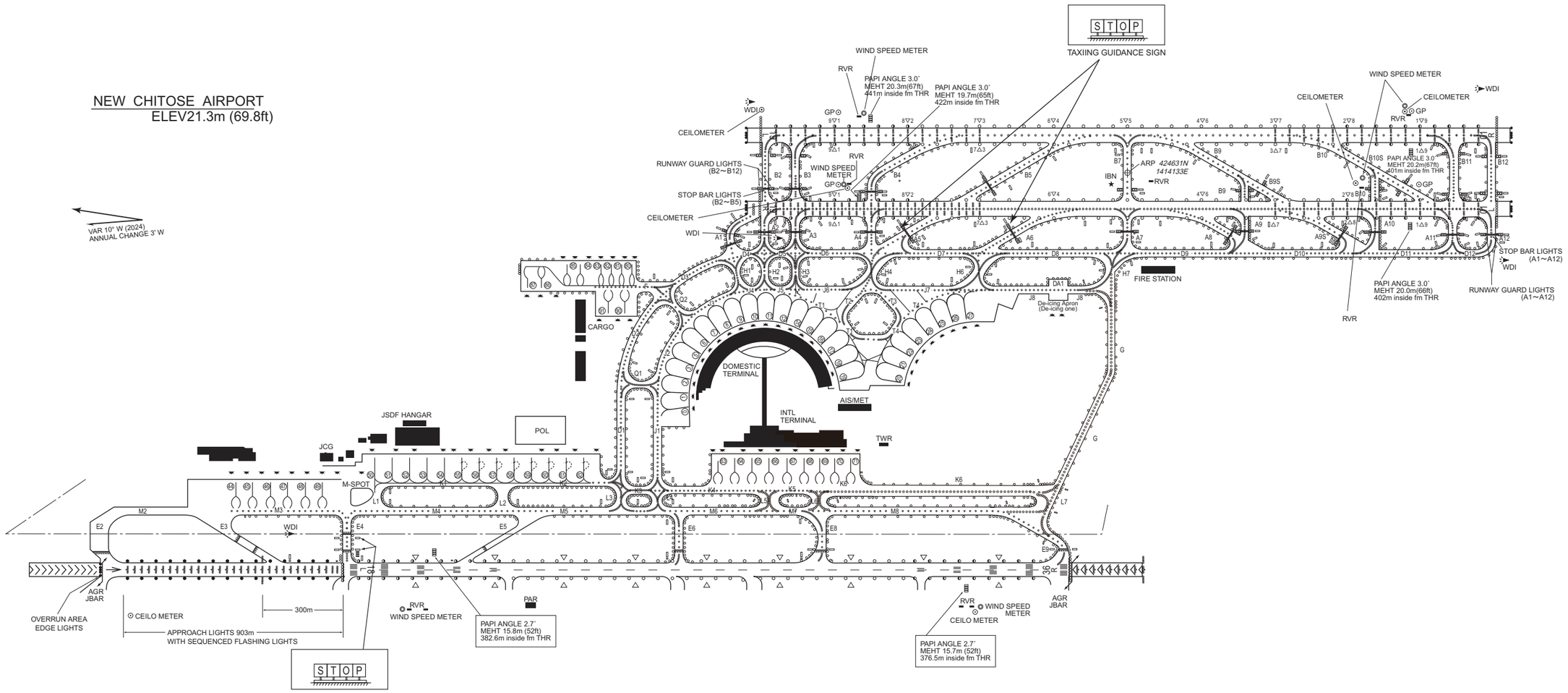
AERODROME CHART

CHANGE : Shape of TWY A11, B11 installed. VAR. RWY HLDG PSN markings and RWY guard LGT, stop bar LGT.

NEW CHITOSE AIRPORT
ELEV21.3m (69.8ft)

VAR 10° W (2024)
ANNUAL CHANGE 3' W

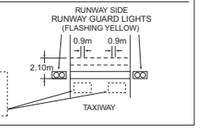


RUNWAY-HOLDING POSITION MARKINGS and RUNWAY GUARD LIGHTS

Runway-holding position markings and Runway guard lights are located on taxiway B2 and B12; their locations are 75m off the runway centerline of 01R/19L.

01R (for taxiway B12)
19L (for taxiway B2)

COMMON WAYS OF IT'S MARKINGS AND LIGHTS

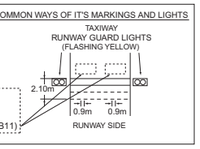


RUNWAY-HOLDING POSITION MARKINGS and RUNWAY GUARD LIGHTS

Runway-holding position markings and Runway guard lights are located on taxiway B7 through B12; their locations are 75m off the runway centerline of 01L/19R.

01L (for taxiway B12)
01L -19R (for taxiway B7, B9 B10, B10S, B11)

COMMON WAYS OF IT'S MARKINGS AND LIGHTS

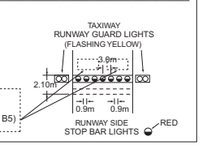


RUNWAY-HOLDING POSITION MARKINGS and STOP BAR LIGHTS

Runway-holding position markings and Stop bar lights are located on taxiway B2 through B5
Runway guard lights are located on taxiway B2 through B5; their locations are 75m off the runway centerline of 01L/19R.

19R (for taxiway B2)
01L -19R (for taxiway B3, B4, B5)

COMMON WAYS OF IT'S MARKING AND LIGHTS



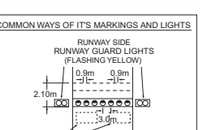
RUNWAY-HOLDING POSITION MARKINGS and STOP BAR LIGHTS

Runway-holding position markings and Stop bar lights are located on taxiway A2 through A12
Runway guard lights are located on taxiway A2 through A12; their locations are 90m off the runway centerline of 01L/19R.

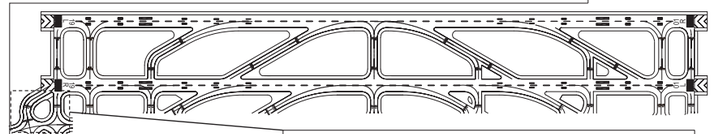
Runway-holding position markings OUTER HOLD LINE and Stop bar lights are located on taxiway A1
Runway guard lights are located on taxiway A1; their locations are 158m off the runway centerline of 01L/19R.

19R (for taxiway A2)
19R-01L (for taxiway A3 through A11)
01L (for taxiway A12)

COMMON WAYS OF IT'S MARKINGS AND LIGHTS



MARKING AIDS



INNER HOLDLINE
OUTER HOLDLINE

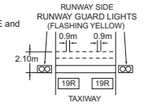
Use of hold line on TWY A1

Departure aircraft instructed to short of RWY 19R on TWY A1 should hold at inner hold line unless specified by ATC.

RUNWAY-HOLDING POSITION MARKINGS and RUNWAY GUARD LIGHTS

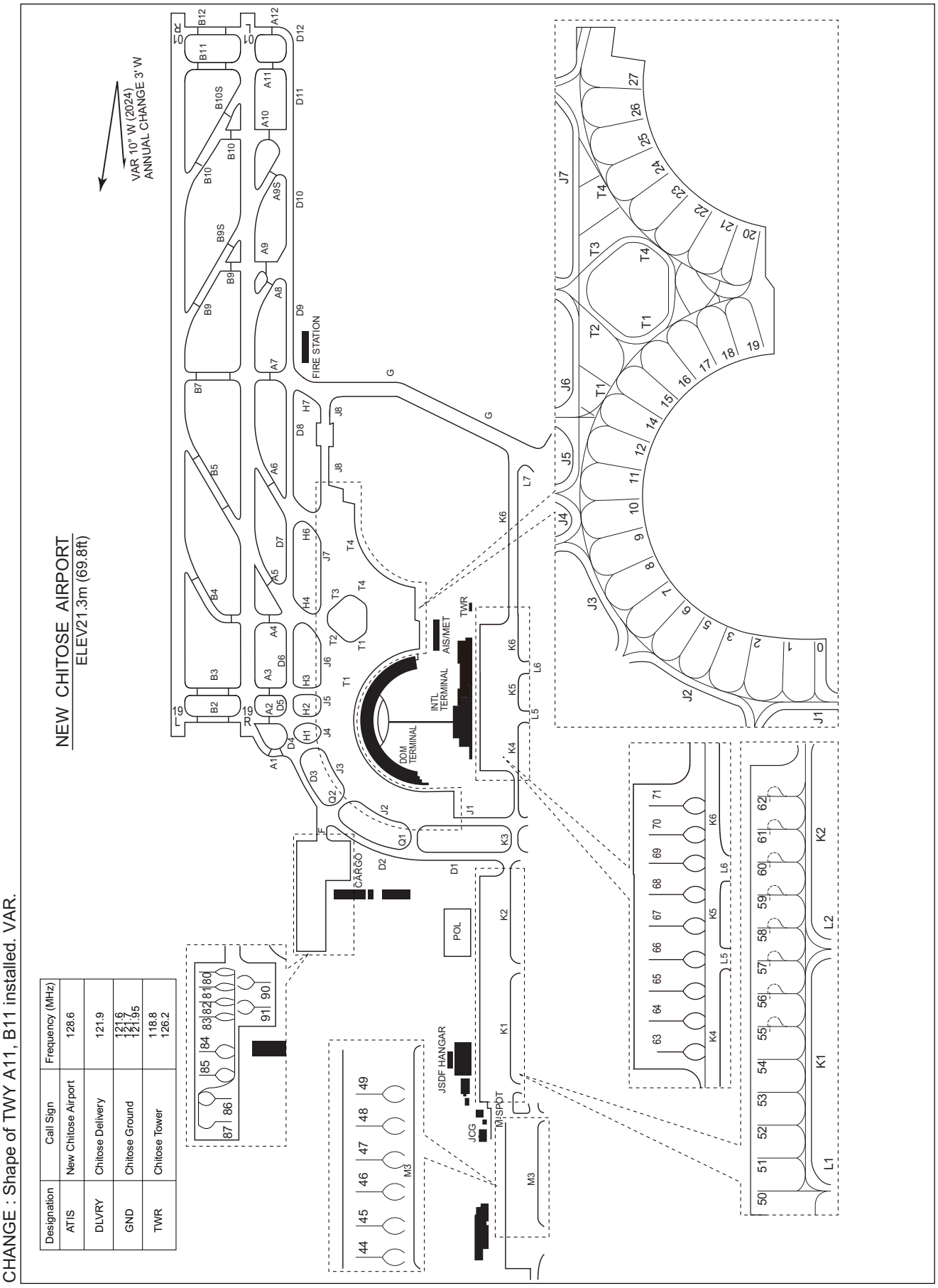
Runway-holding position markings INNER HOLD LINE and Runway guard lights are located on taxiway A1; their locations are 90m off the runway centreline of 01L/19R.

COMMON WAYS OF IT'S MARKINGS AND LIGHTS



RJCC / NEW CHITOSE

AD CHART



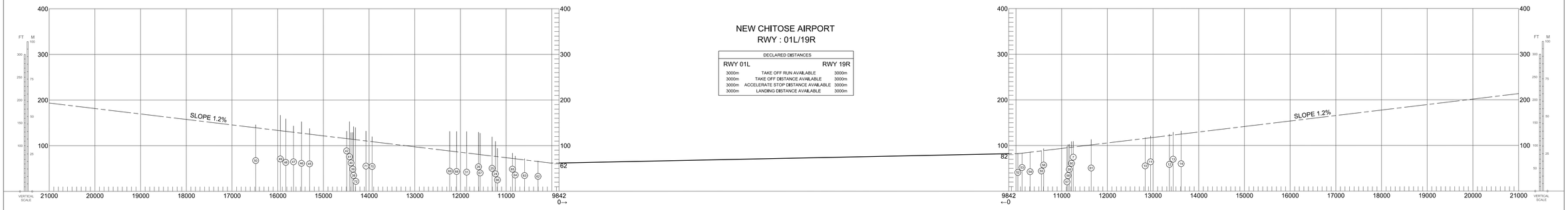
CHANGE : Shape of TWY A11, B11 installed. VAR.

INTENTIONALLY LEFT BLANK

AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATING LIMITATIONS)

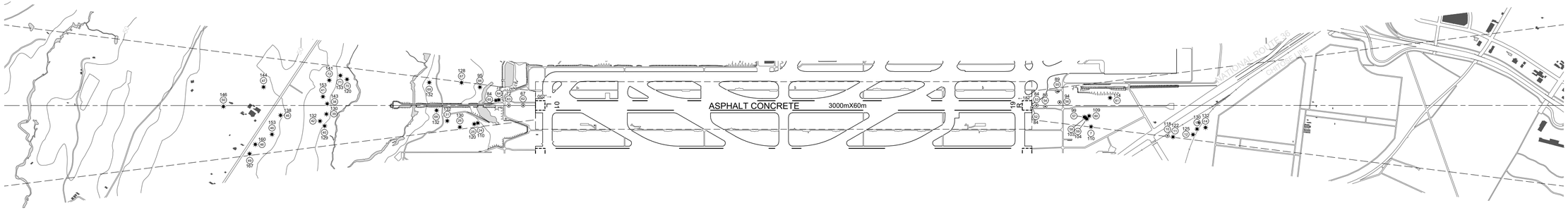
DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

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



HORIZONTAL SCALE
FEET
1000 500 0 1000 2000 3000 4000 5000 6000 7000 8000ft
300 0 500 1000 1500 2000 2500m
METERS

LEGEND
- 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
- TREE
- LAKE
- RIVER
- CONTOURS(ft)

AMENDMENT RECORD		
Nr	DATE	ENTERED BY

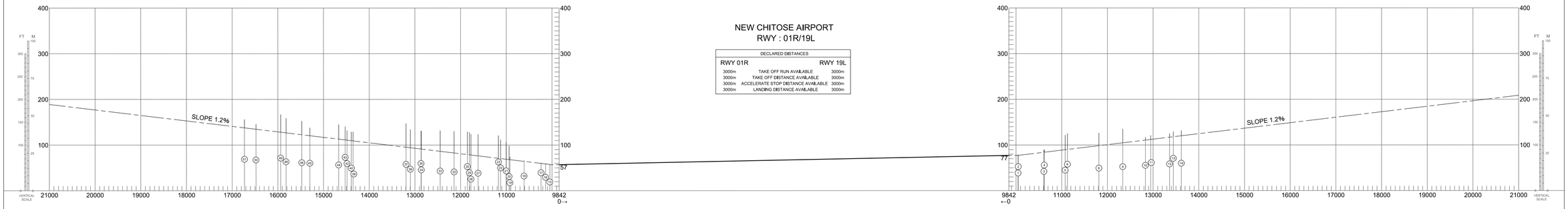
CHANGE:Update

AERODROME OBSTACLE CHART-ICAO

TYPE A (OPERATING LIMITATIONS)

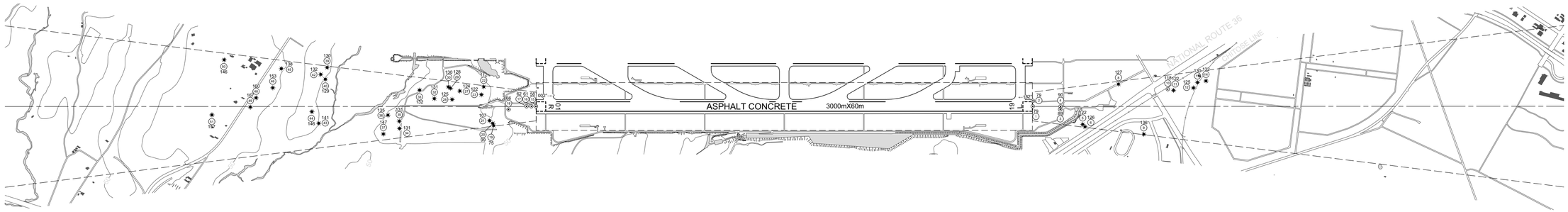
DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

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



HORIZONTAL SCALE

FEET

1000 500 0 1000 2000 3000 4000 5000 6000 7000 8000ft

METER

300 0 500 1000 1500 2000 2500m

LEGEND

- 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
- TREE
- RIVER
- LAKE
- CONTOURS(ft)

AMENDMENT RECORD		
Nr	DATE	ENTERED BY

CHANGE:Update

AERODROME OBSTACLE CHART-ICAO
TYPE B

DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

AERODROME ELEVATION 69.8ft ARP

VAR 9°33'W APR 2020
ANNUAL CHANGE 3W

141°37'E 141°38'E 141°39'E 141°40'E 141°41'E 141°42'E 141°43'E 141°44'E 141°45'E 141°46'E

42°51'N 42°50'N 42°49'N 42°48'N 42°47'N 42°46'N 42°45'N 42°44'N 42°43'N 42°42'N

CHITOSE CITY
ABIRA TOWN
TOMAKOMAI CITY

TAKE-OFF FLIGHT PATH SLOPE 1.2%
TAKE-OFF FLIGHT PATH SLOPE 1.2%
APPROACH SURFACE SLOPE 1:50
APPROACH SURFACE SLOPE 1:50
APPROACH SURFACE SLOPE 1:50
APPROACH SURFACE SLOPE 1:50
TRANSITIONAL SURFACE SLOPE 1:7
TRANSITIONAL SURFACE SLOPE 1:7
TRANSITIONAL SURFACE SLOPE 1:7
TRANSITIONAL SURFACE SLOPE 1:7
HORIZONTAL SURFACE

ASPHALT CONCRETE
ASPHALT CONCRETE

CHANGE:Update

LEGEND

- AERODROME REFERENCE POINT 42°46'31"N 141°41'33"E
- POLE, TOWER, SPIRE, ANTENNA, ETC
- AERONAUTICAL GROUND LIGHT
- OBSTRUCTION LIGHT
- BUILDING OR LARGE STRUCTURE
- RAILROAD
- TRIANGULATION POINT
- TERRAIN PENETRATING OBSTACLE PLANE
- TRANSMISSION LINE OR OVERHEAD CABLE
- LEVEE
- TREE
- RIVER
- LAKE
- CONTOURS(ft)

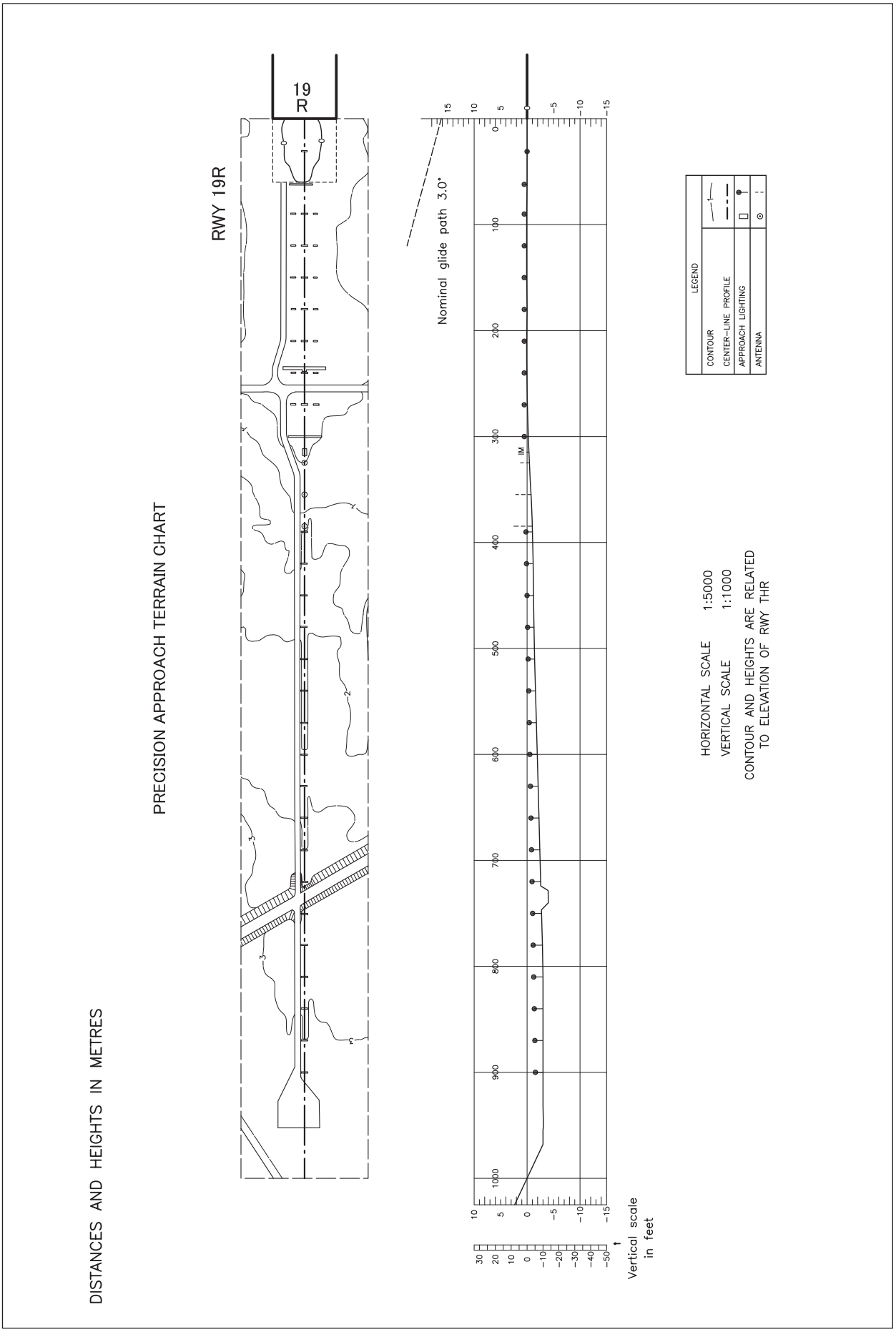
AMENDMENT RECORD		
Nr	DATE	ENTERED BY

HORIZONTAL SCALE

FEET: 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000ft

METERS: 300 0 500 1000 1500 2000 2500 3000m

PRECISION APPROACH TERRAIN CHART



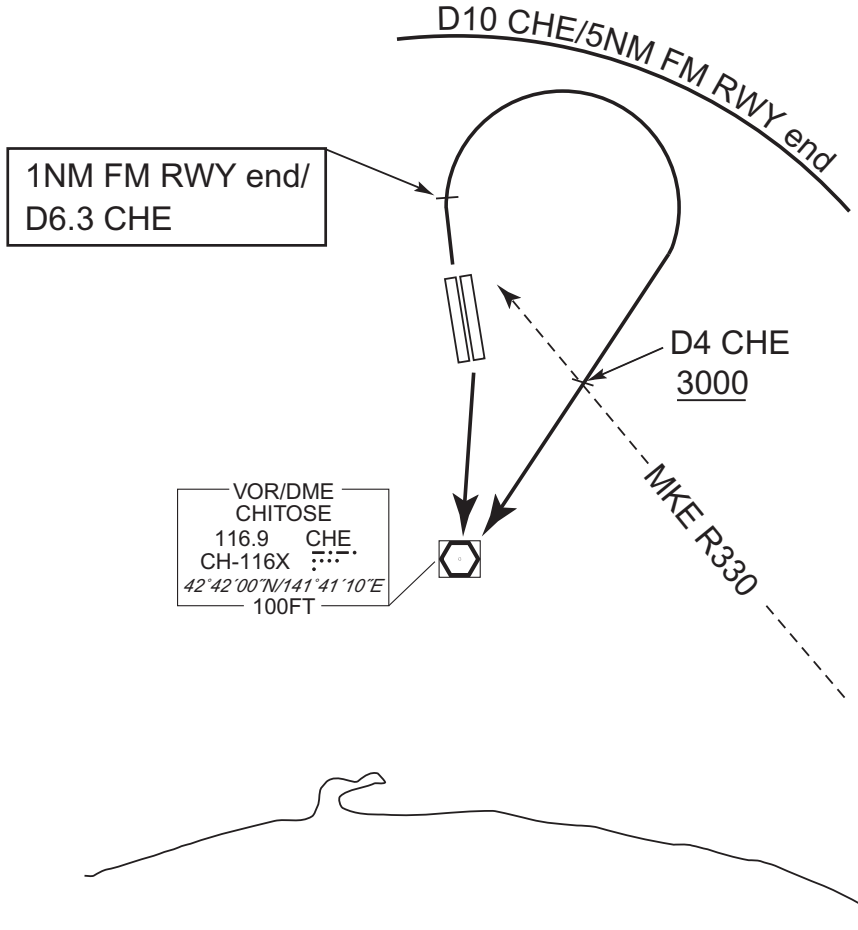
STANDARD DEPARTURE CHART-INSTRUMENT

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.



CHANGE : Description of PROC name.

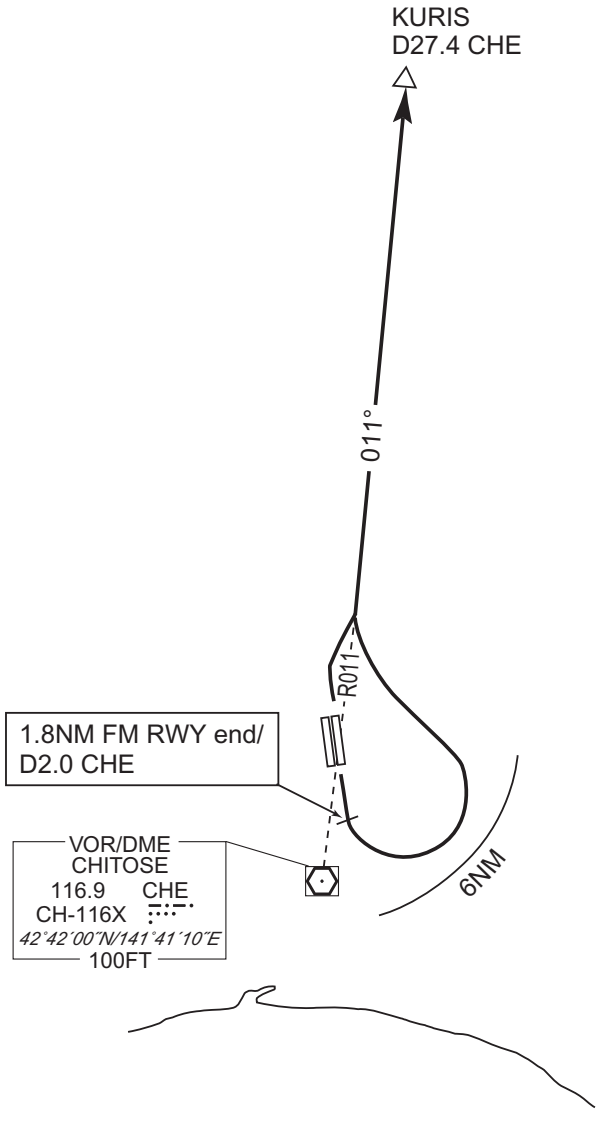
STANDARD DEPARTURE CHART-INSTRUMENT

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.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE SID

TOKACHI TWO DEPARTURE

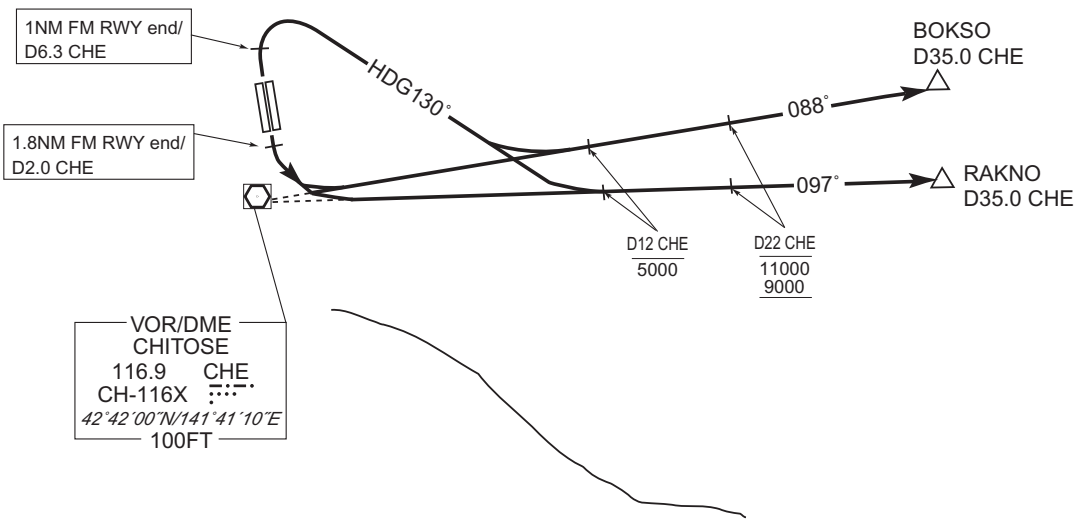
RWY 01L/01R: Climb RWY HDG until 1NM FM RWY end/CHE 6.3DME, turn right HDG 130˚ to intercept and proceed via...

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.



CHANGE : Description of PROC name.

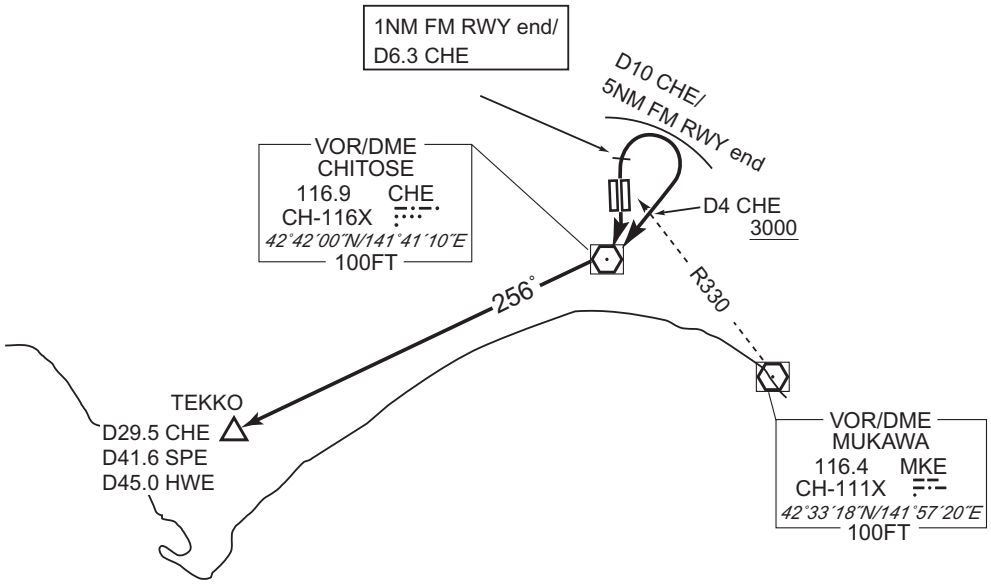
STANDARD DEPARTURE CHART-INSTRUMENT

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.



CHANGE : Description of PROC name.

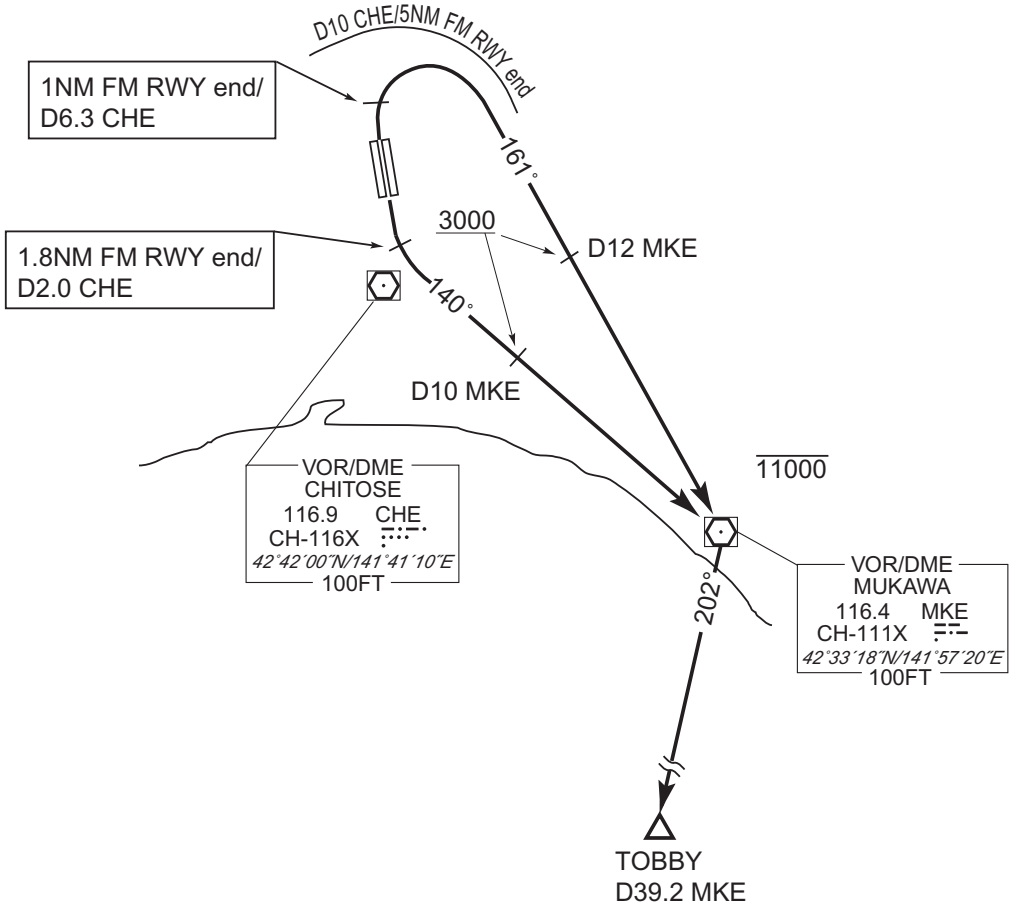
STANDARD DEPARTURE CHART-INSTRUMENT

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.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART-INSTRUMENT

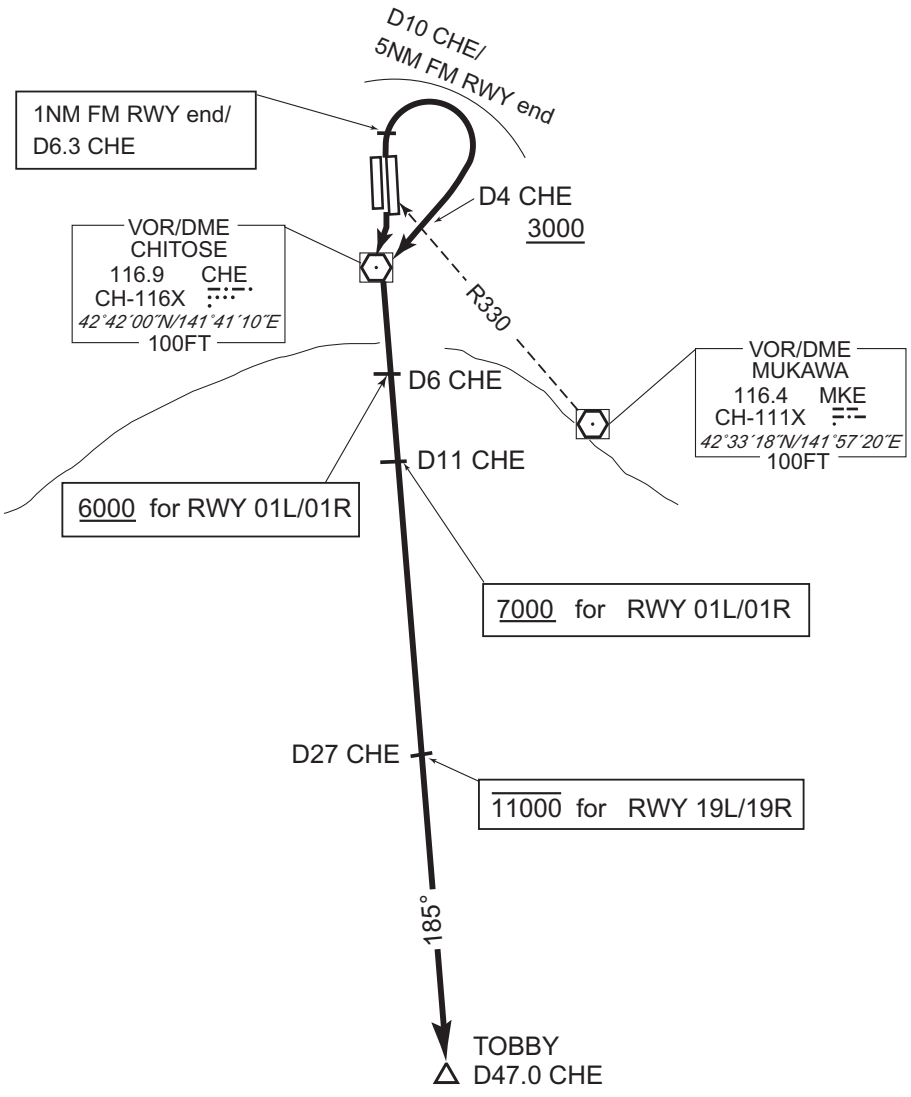
RJCC / NEW CHITOSE SID

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, infrom ATC for alternate procedure before departure.



CHANGE : Description of PROC name.

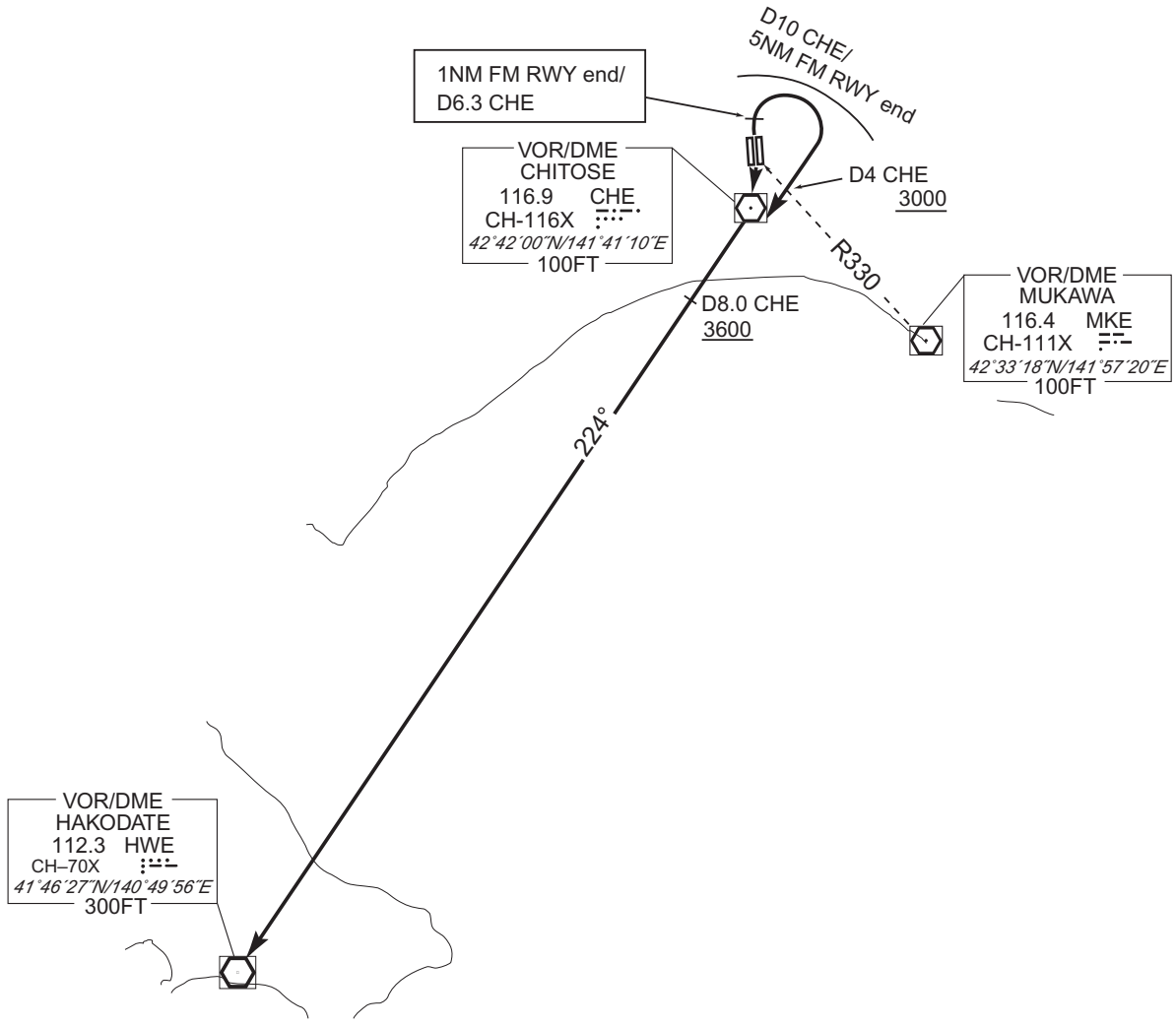
STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE SID

HAKODATE SEVEN 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, cross CHE R224/8.0DME at or above 3600FT.

RWY19R/19L: Climb direct to CHE VOR/DME, via CHE R224 to HWE VOR/DME.
Cross CHE R224/8.0DME at or above 3600FT.



CHANGE : Description of PROC name.

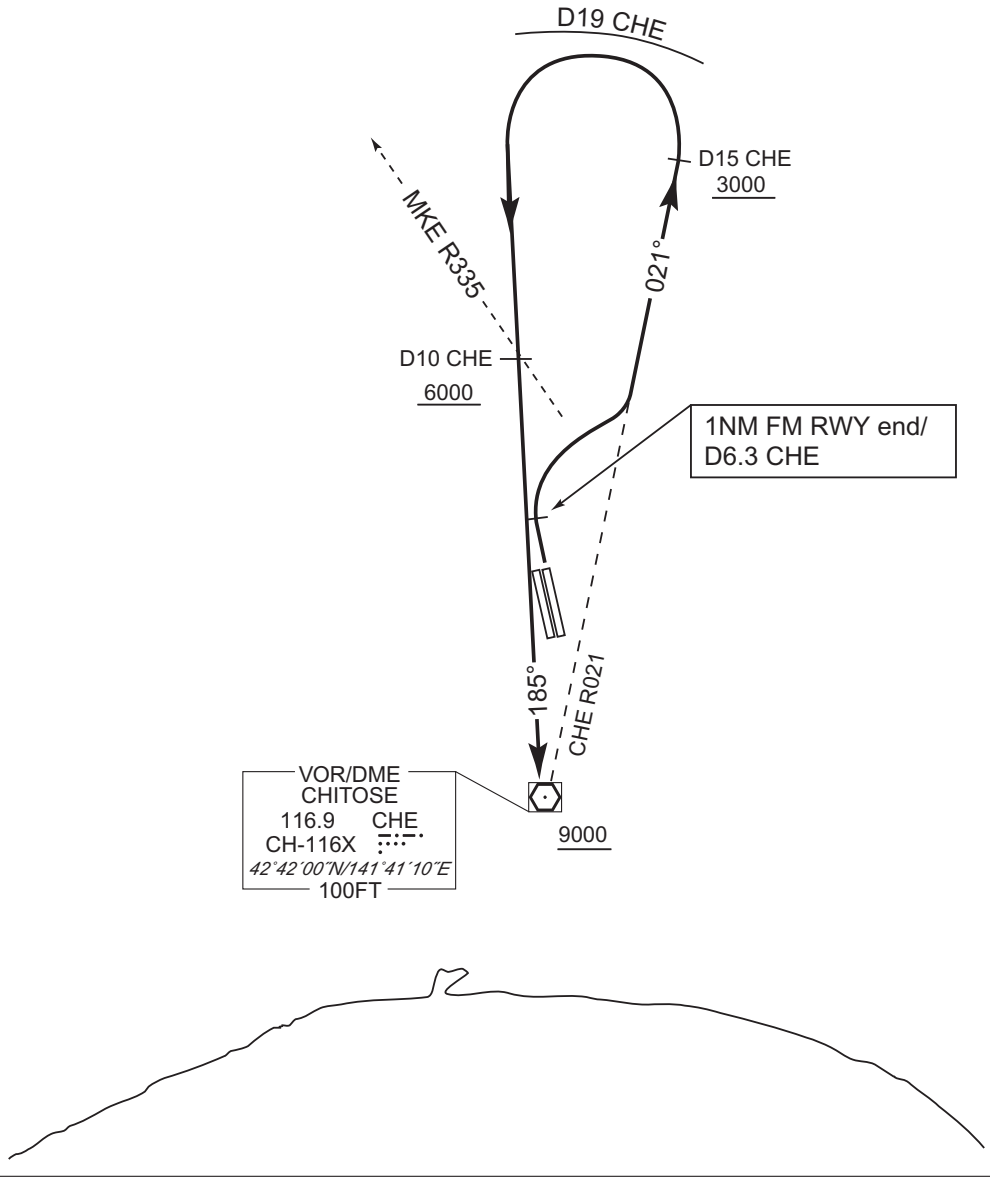
STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE SID

NAGANUMA FIVE DEPARTURE

RWY 01L/01R: Climb RWY HDG until 1NM FM RWY end/CHE 6.3DME, turn right to intercept and proceed via CHE R021 to CHE 15DME, turn left, via CHE R005 to CHE VOR/DME within CHE 19DME.
Cross CHE R021/15DME 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.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART-INSTRUMENT

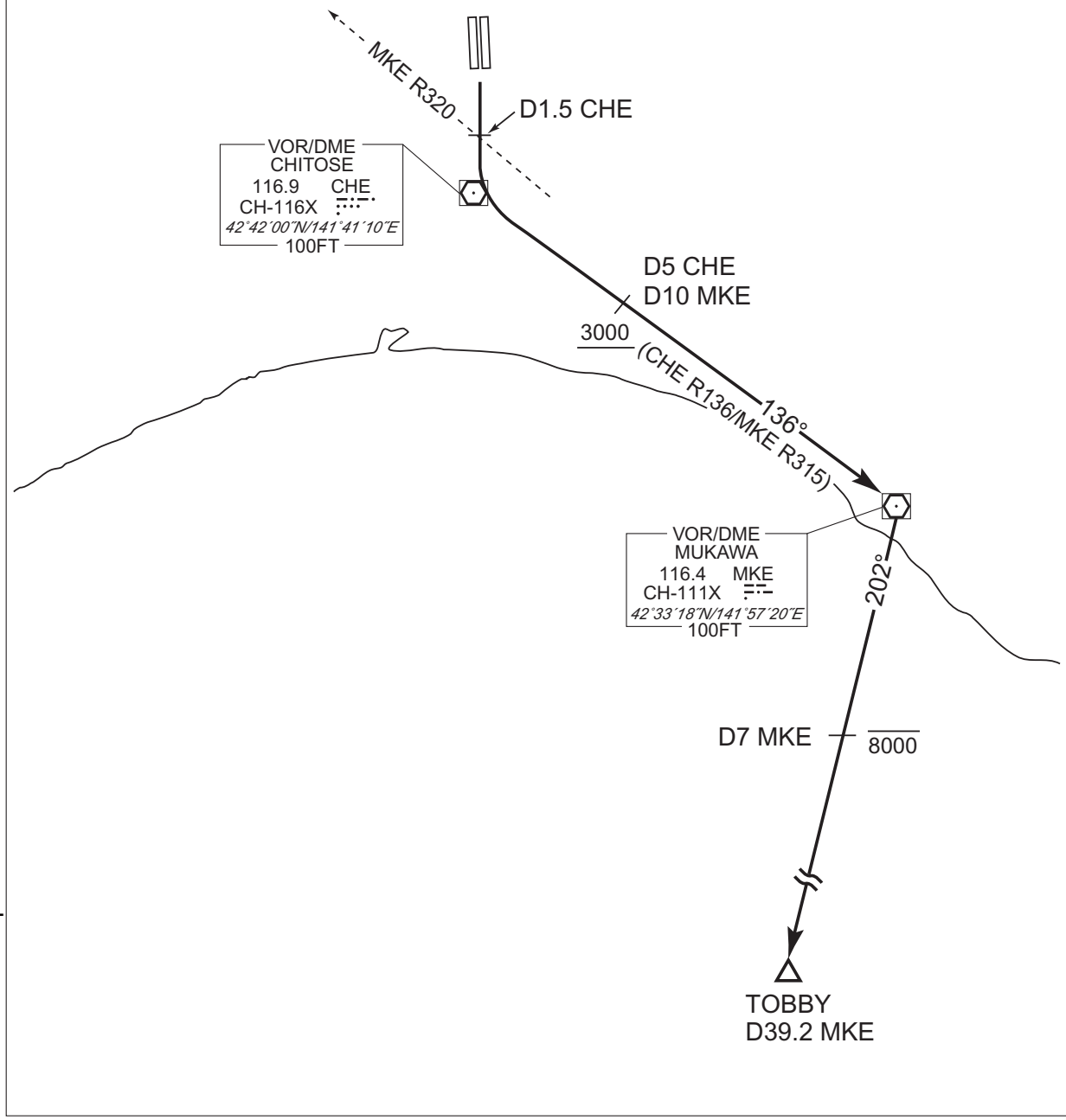
RJCC / NEW CHITOSE SID

YUFUTSU FIVE 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 R136 (MKE R315) to MKE VOR/DME or after MKE VOR/DME, via MKE R202 to TOBBY.

Cross CHE R136/5DME (MKE R315/10DME) at or above 3000FT, cross MKE R202/7DME at or below 8000FT.



CHANGE : Description of PROC name.

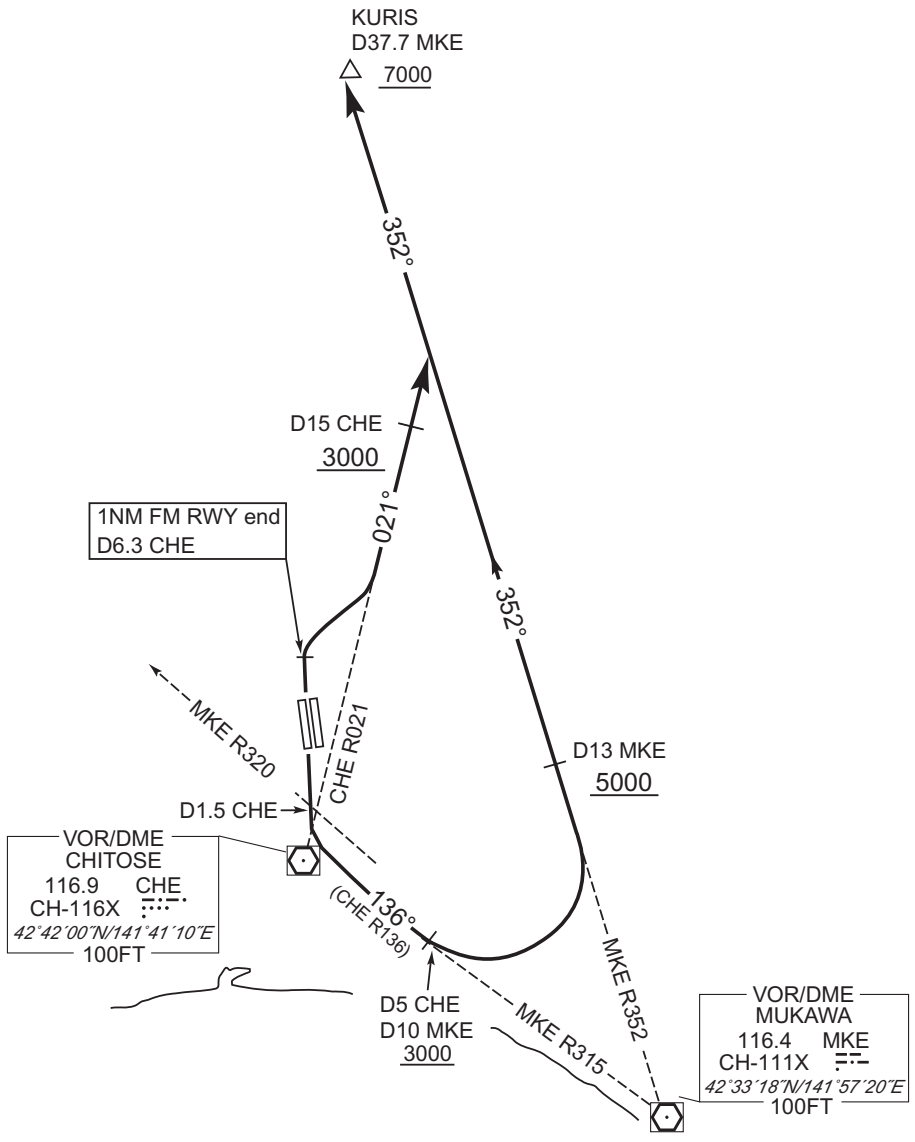
STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE SID

HOKUTO SEVEN DEPARTURE

RWY 01L/01R: Climb RWY HDG until 1NM FM RWY end/CHE 6.3DME, turn right, via CHE R021, via MKE R352 to KURIS.
Cross CHE R021/15DME 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 R136 (MKE R315) to CHE 5DME (MKE 10DME), turn left, via MKE R352 to KURIS.
Cross CHE R136/5DME (MKE R315/10DME) at or above 3000FT, cross MKE R352/13DME at or above 5000FT, cross KURIS at or above 7000FT.



CHANGE : Description of PROC name.

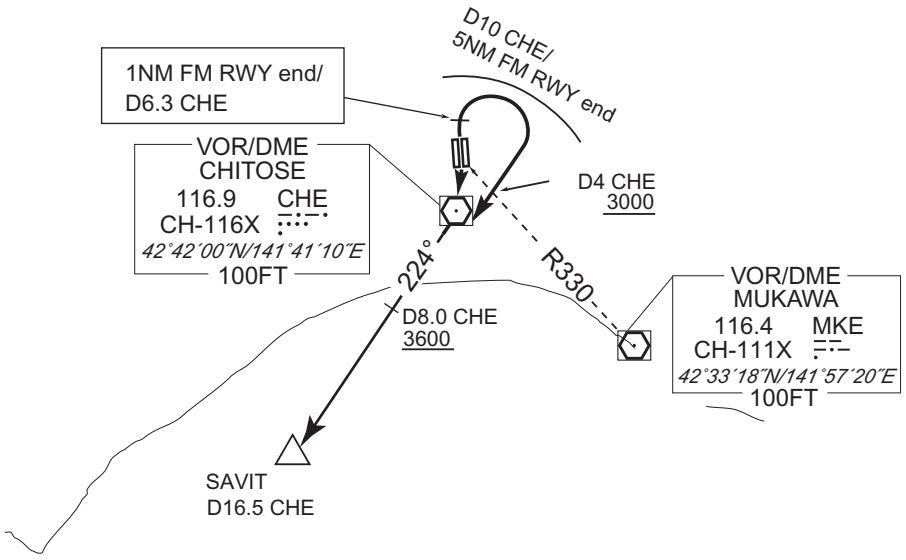
STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE SID

SAVIT TWO 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, cross CHE R224/8.0DME at or above 3600FT.

RWY19R/19L: Climb direct to CHE VOR/DME, via CHE R224 to SAVIT.
Cross CHE R224/8.0DME at or above 3600FT.

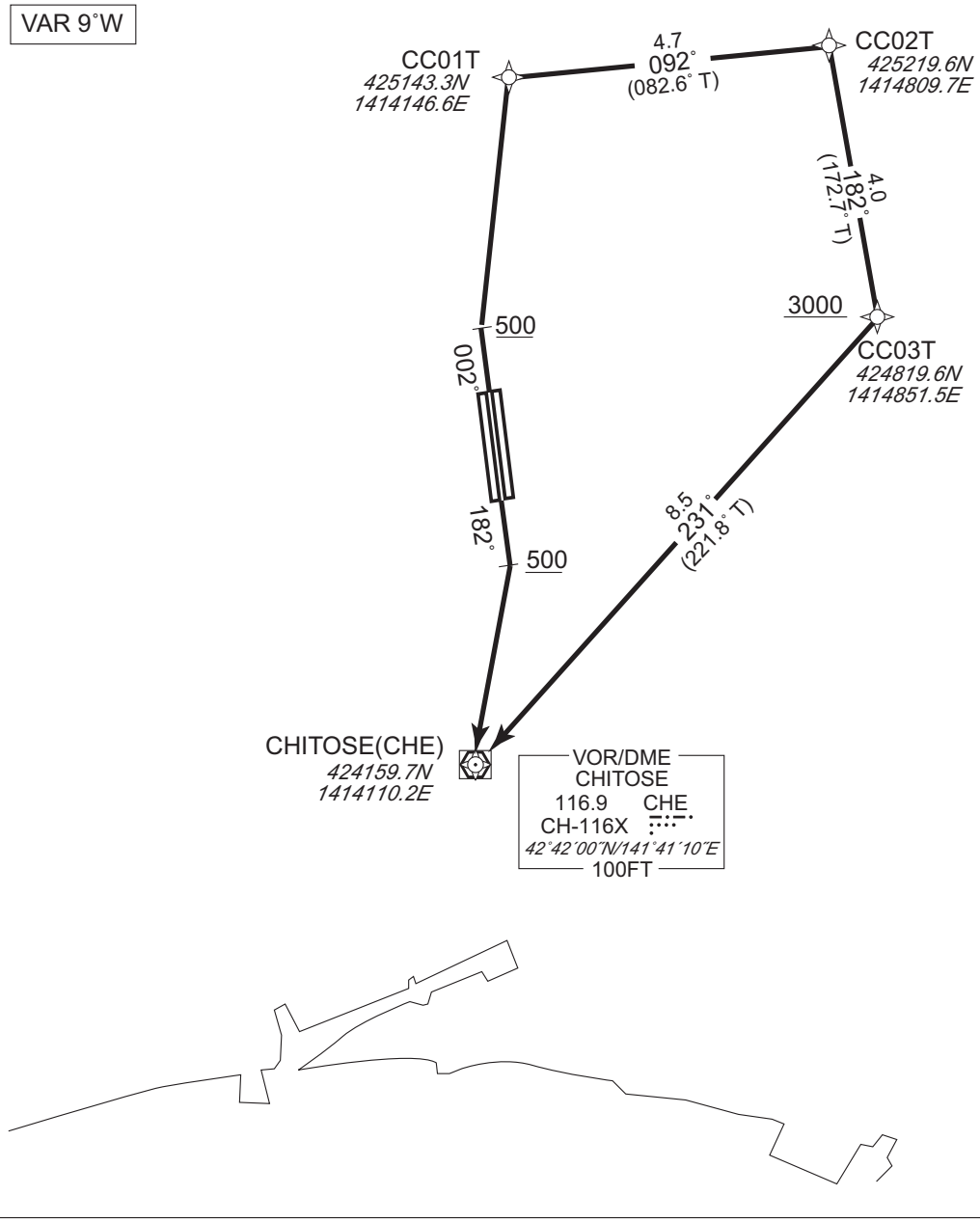


CHANGE : Description of PROC name.

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



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

RWY19R/19L : Climb on HDG182˚ at or above 500FT, direct to CHE.

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

CHANGE : Description of VAR and PROC name.

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	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	CHE	—	—	-9.1	—	—	—	—	—	RNAV1

CHANGE : Waypoint identifier(CHE).

STANDARD DEPARTURE CHART -INSTRUMENT

RJCC / NEW CHITOSE — RNAV SID

REZOT TWO DEPARTURE — RNAV1

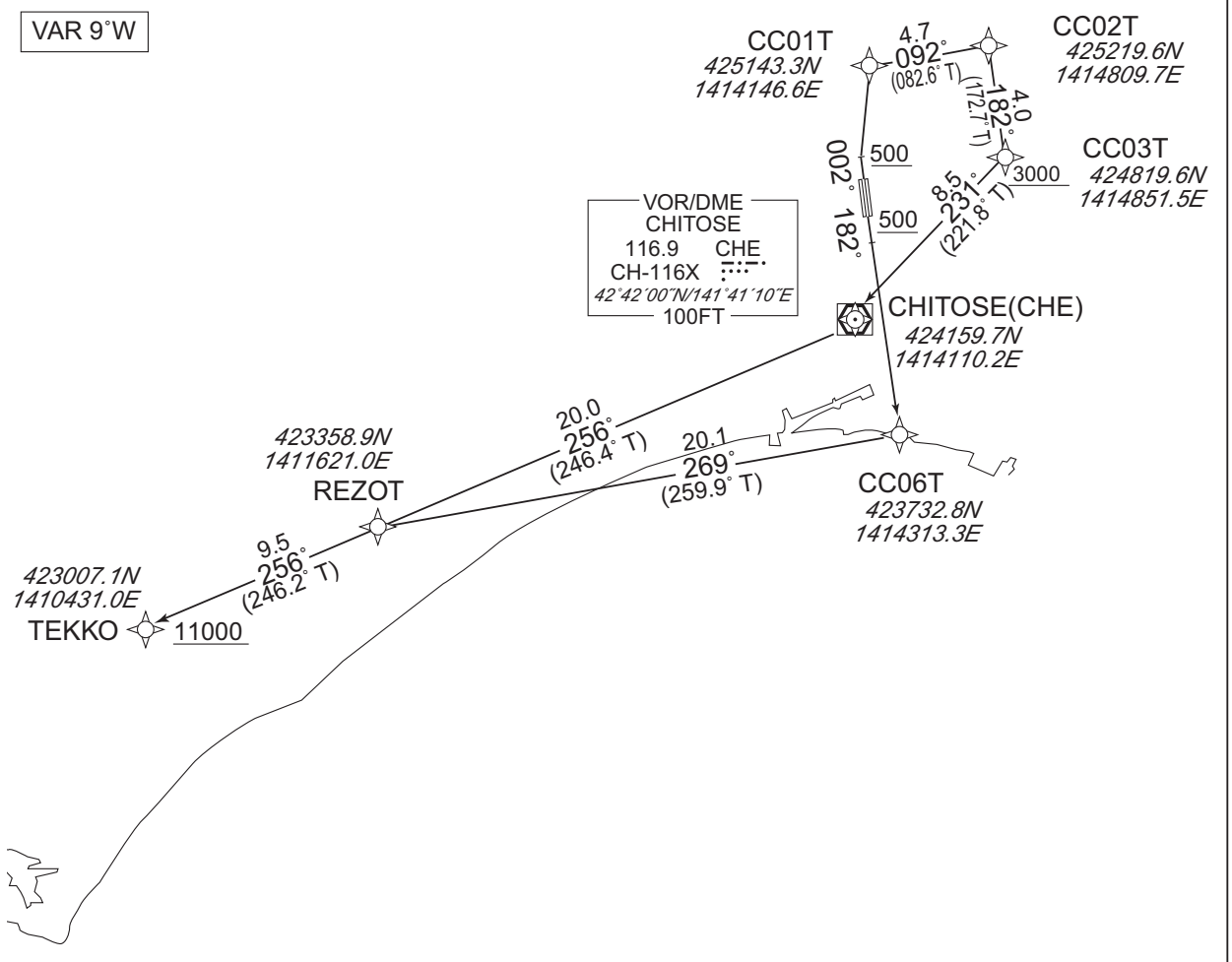
Note 1) DME/DME/IRU or GNSS required.
※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll.
2) RADAR service required.

DME GAP
RWY01L/01R :
DER – 2.0NM FM DER, 3.0NM to CHE – CHE
RWY19L/19R :
DER – 3.0NM to CC06T

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

Inappropriate Navaids: See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1



RWY01L/01R : Climb on HDG002˚ at or above 500FT, direct to CC01T, to CC02T, to CC03T at or above 3000FT, to 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.

CHANGE : Description of VAR and PROC name.

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	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

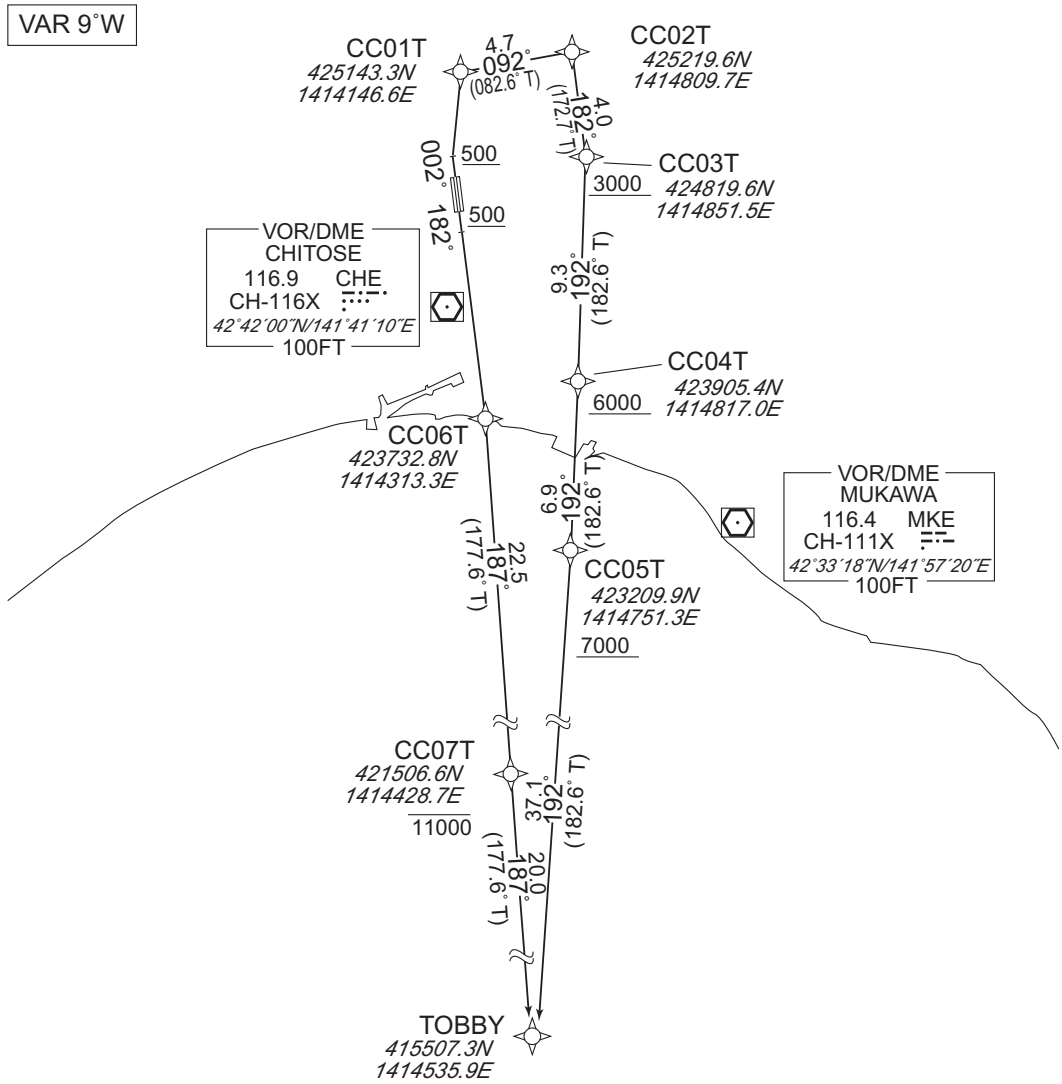
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [M˚(T˚)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	–	–	182 (172.6)	-9.3	–	–	+500	–	–	RNAV1
002	DF	CC06T	–	–	-9.3	–	–	–	–	–	RNAV1
003	TF	REZOT	–	269 (259.9)	-9.3	20.1	–	–	–	–	RNAV1
004	TF	TEKKO	–	256 (246.2)	-9.3	9.5	–	+11000	–	–	RNAV1

CHANGE : Waypoint identifier(CHE).

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		



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.

RWY19R/19L : 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.

CHANGE : Description of VAR and PROC name.

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

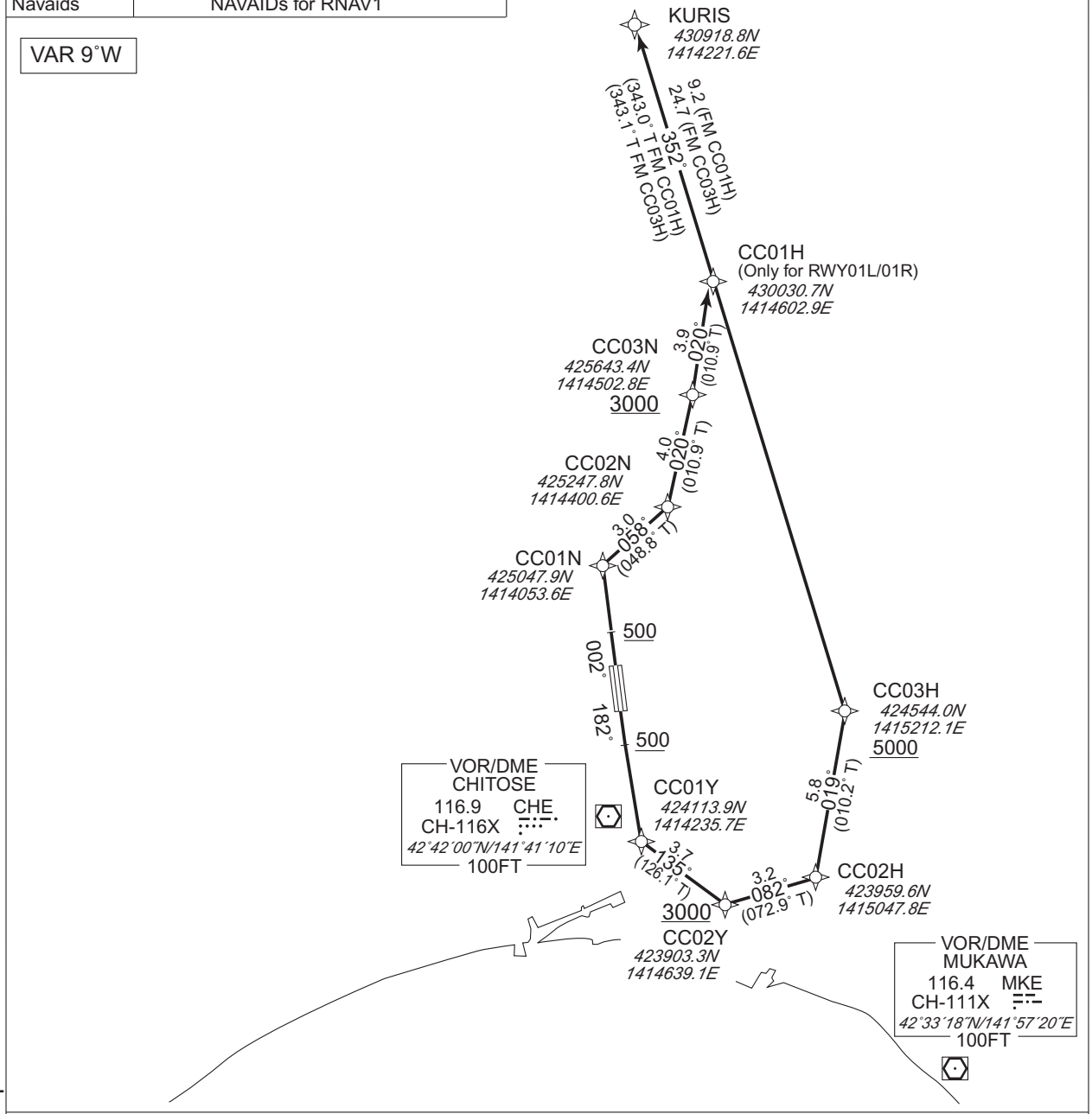
RWY19R/19L

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	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
DME GAP	RWY01L/01R : DER – 2.0NM FM DER RWY19L/19R : DER – 1.0NM to CC02H		
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1		



CHANGE : Description of VAR and PROC name.

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.
RWY19R/19L : 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

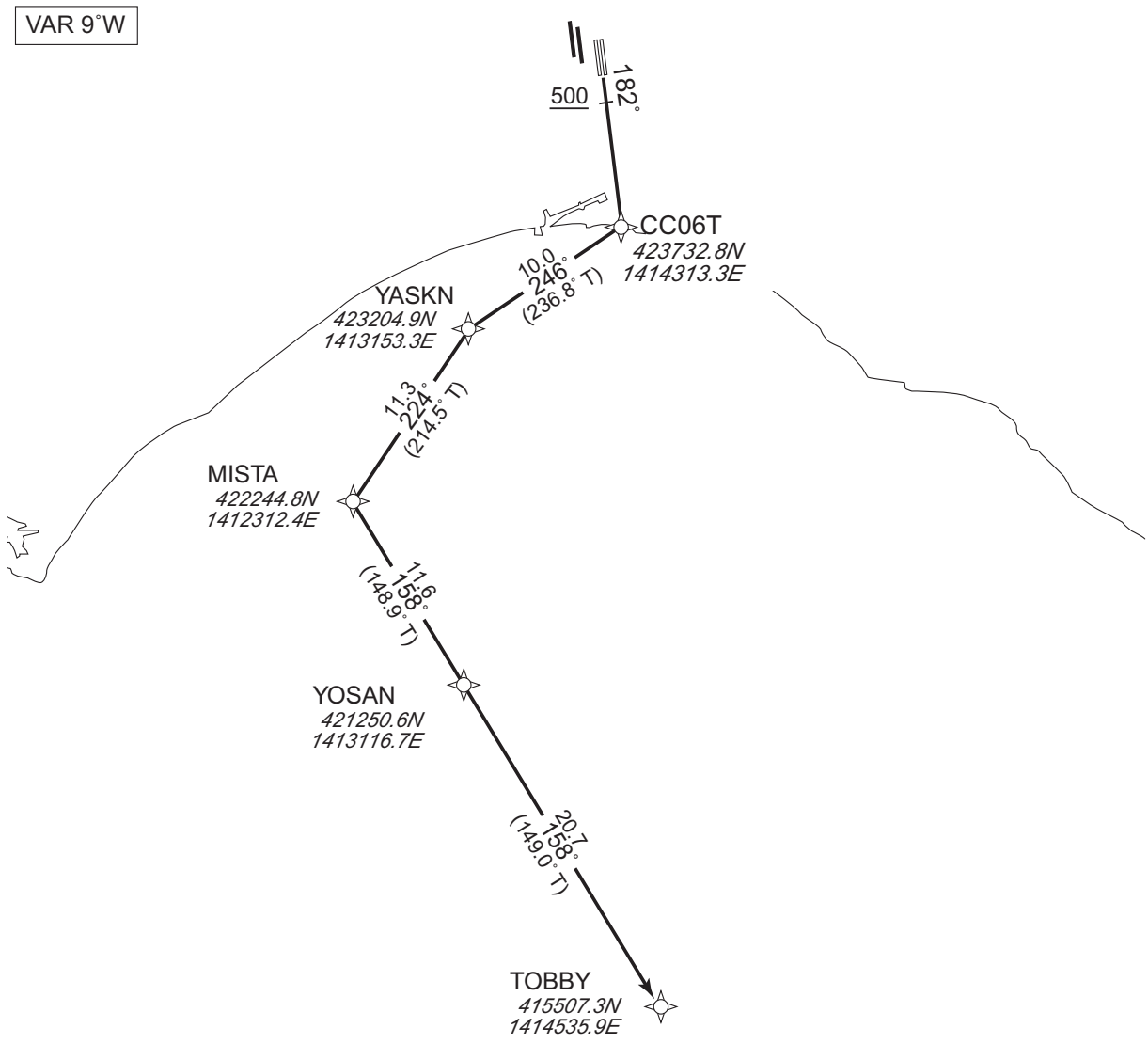
RWY19R/19L

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. 2) RADAR service required.		Critical DME	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		



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.

CHANGE : Description of VAR and PROC name.

STANDARD DEPARTURE CHART -INSTRUMENT

RJCC / NEW CHITOSE RNAV SID

YOSAN ONE DEPARTURE

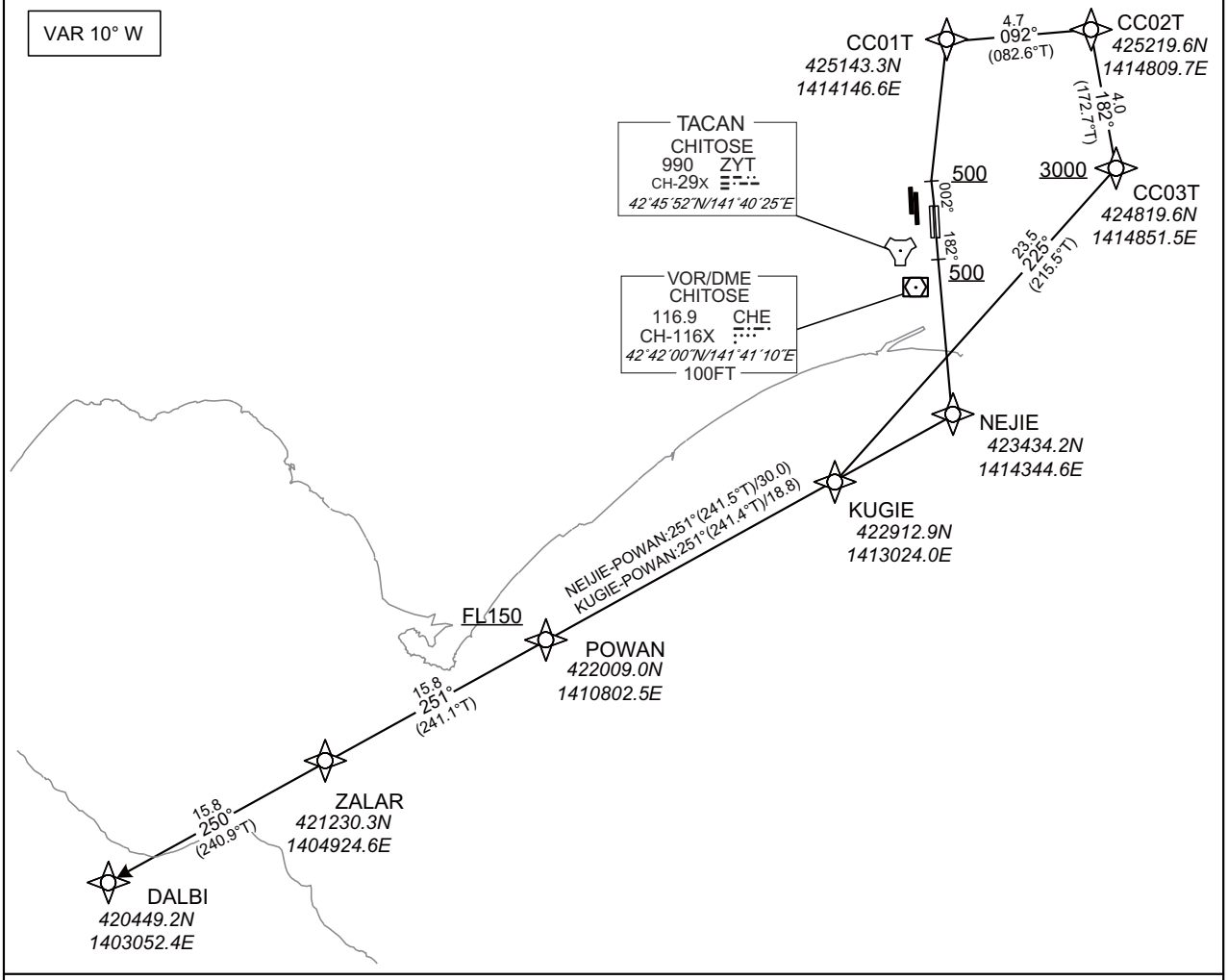
RWY19R/19L

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.		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
DME GAP	RWY01L/01R : DER – 2.0NM FM DER 18.0NM to KUGIE - 15.0NM to KUGIE RWY19L/19R : DER – 6.0NM to NEJIE		
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1		



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.

CHANGE : Description of VAR and PROC name.

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

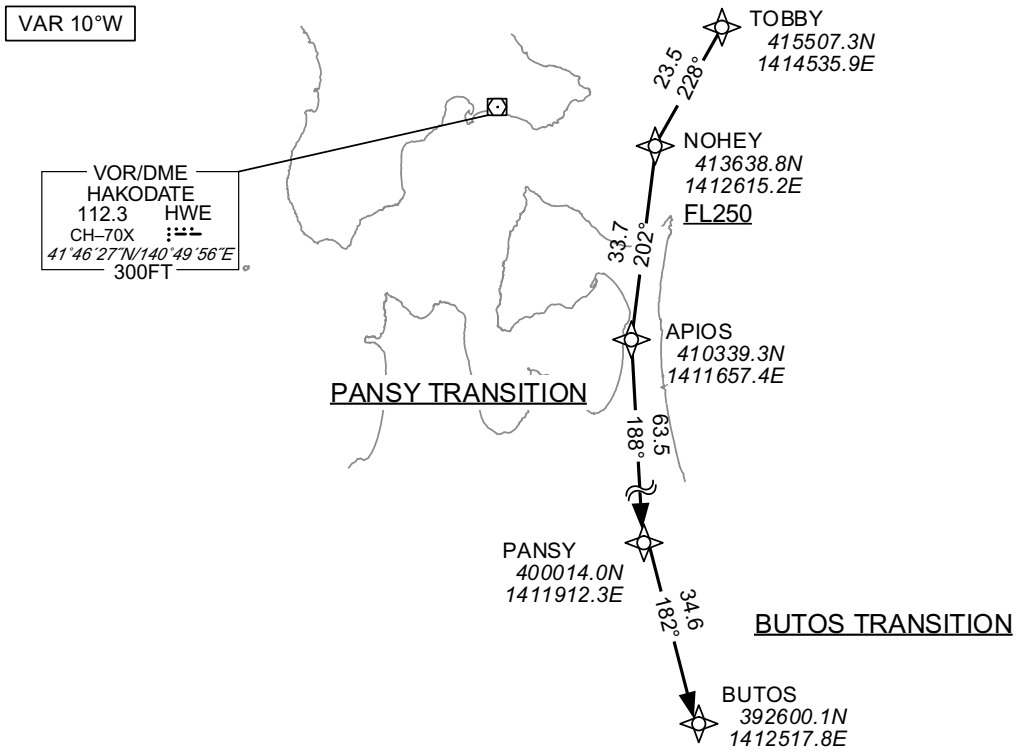
CHANGE : New PROC

STANDARD DEPARTURE CHART-INSTRUMENT

RJCC / NEW CHITOSE — RNAV TRANSITION

PANSY TRANSITION/BUTOS TRANSITION	RNAV 1

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.

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

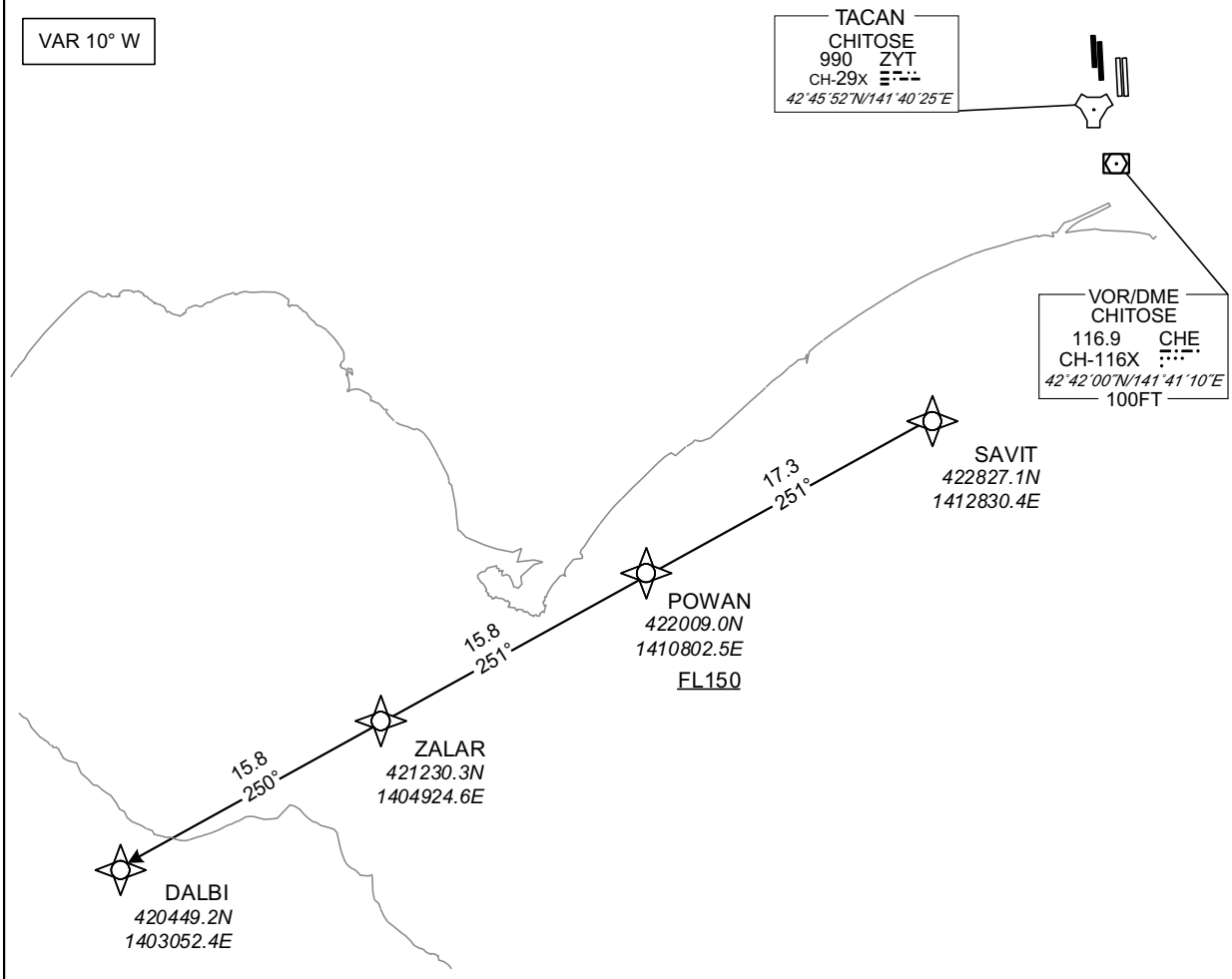
CHANGE : Description of VAR.

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



From SAVIT, to POWAN at or above FL150, to ZALAR, to DALBI.

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

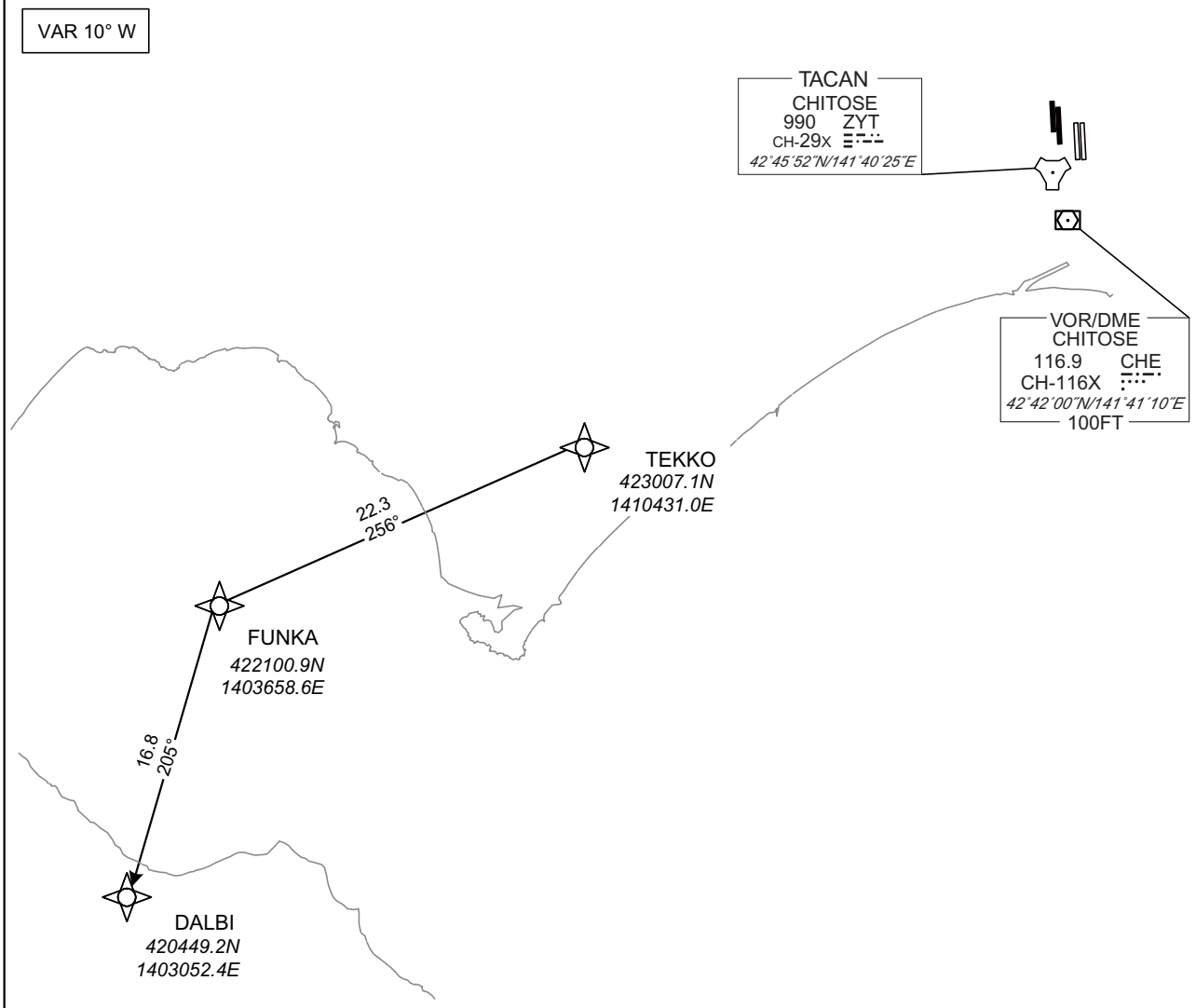
CHANGE : Description of VAR and PROC name.

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



From TEKKO, to FUNKA, to DALBI.

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 : Description of VAR and PROC name.

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

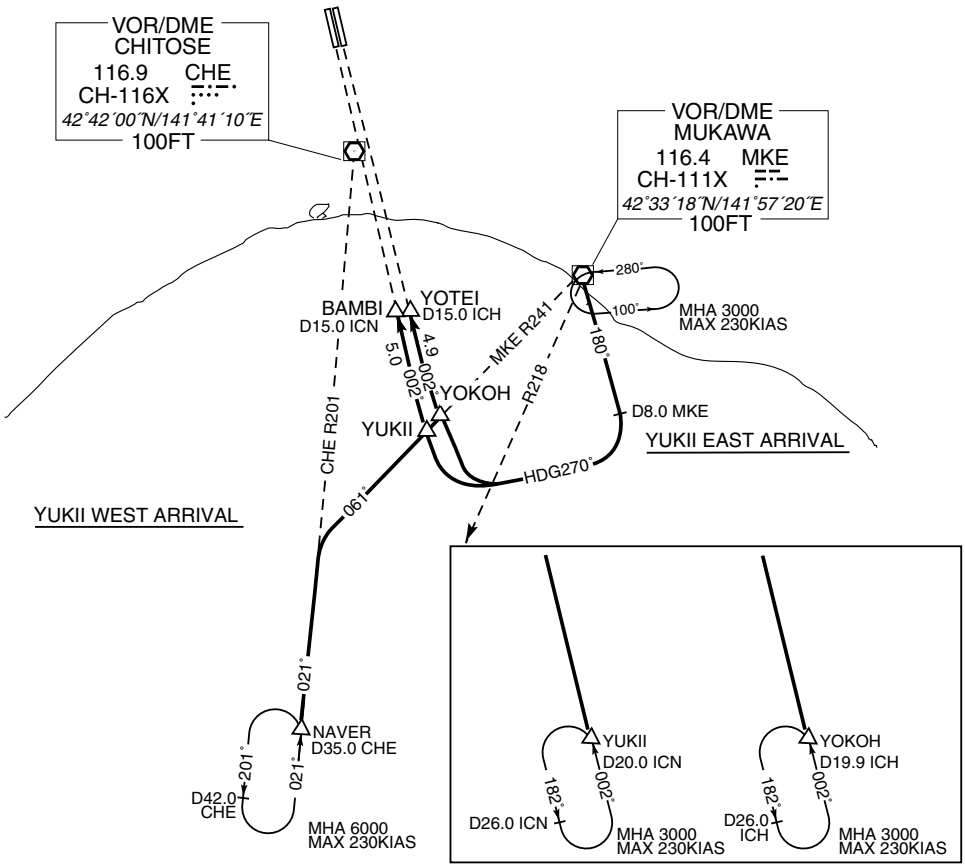
From over MKE VOR/DME, via MKE R180 to 8.0DME, turn right, via HDG 270˚ to intercept and proceed via ...

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.

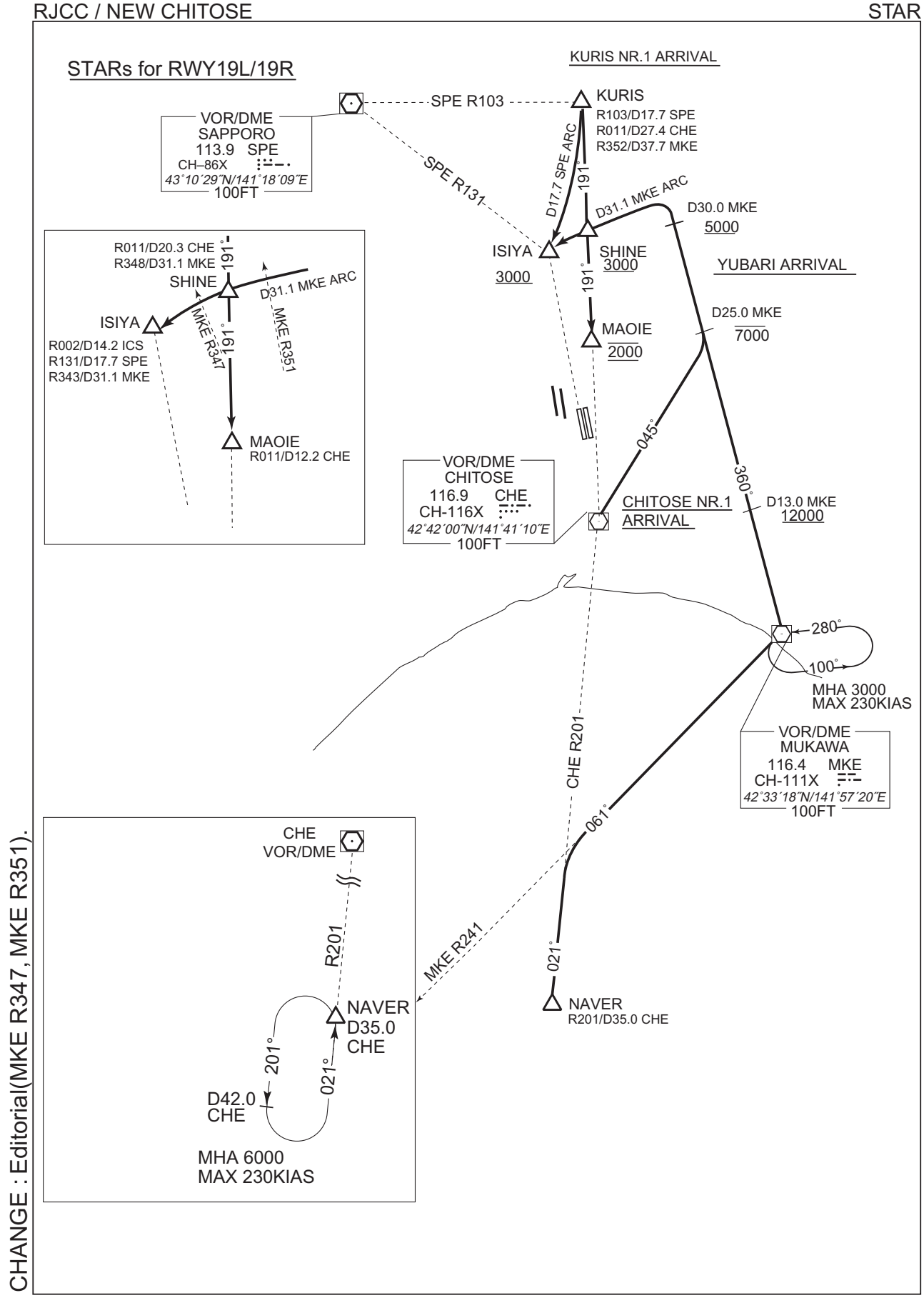
KURIS NR.1 ARRIVAL

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



CHANGE : Editorial(MKE R347, MKE R351).

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.

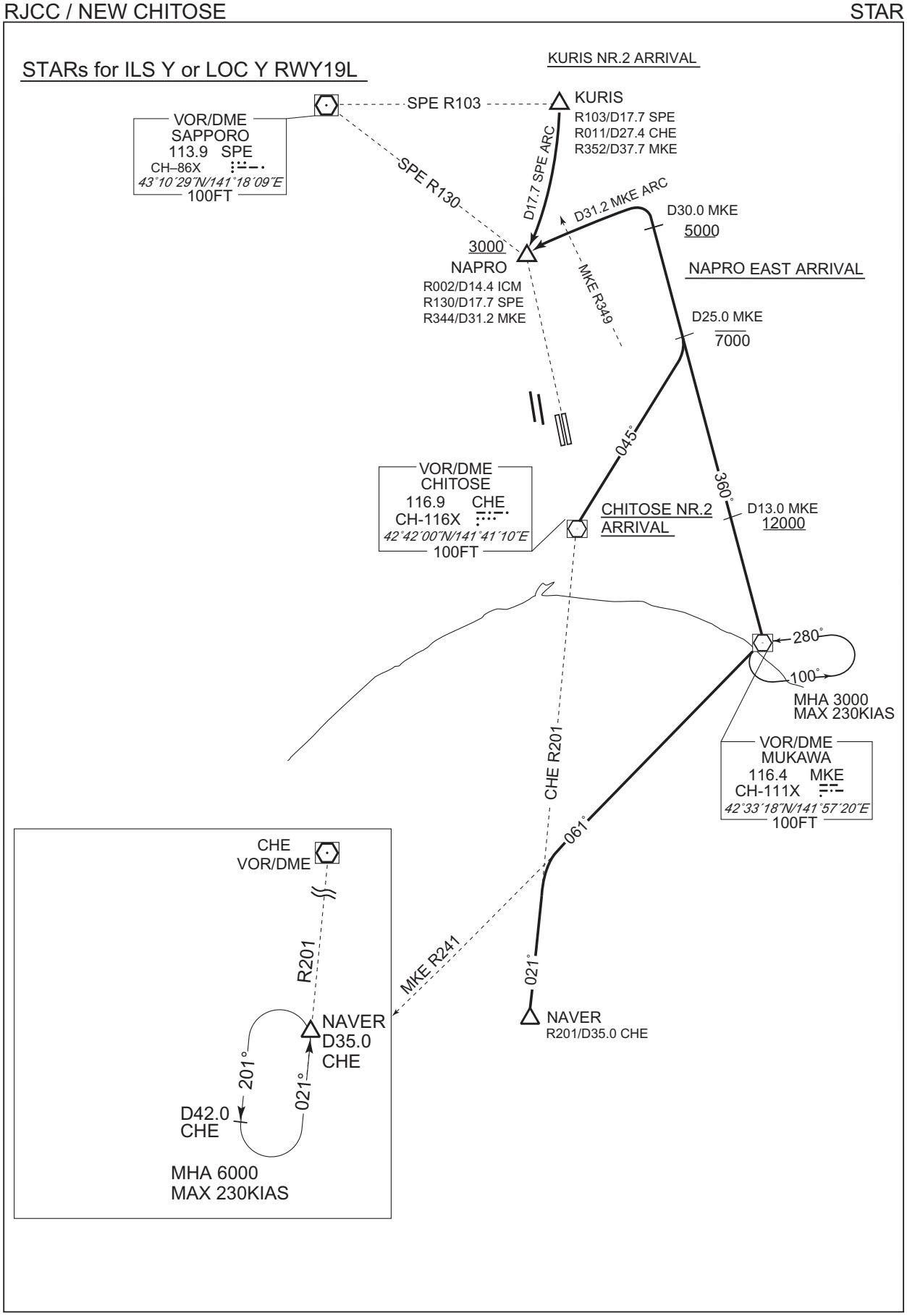
Cross MKE R360/13.0DME at or above 12000FT,
cross MKE R360/25.0DME at or below 7000FT,
cross MKE R360/30.0DME at or above 5000FT,
cross NAPRO at or above 3000FT.

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



CHANGE : Editorial(MKE R349).

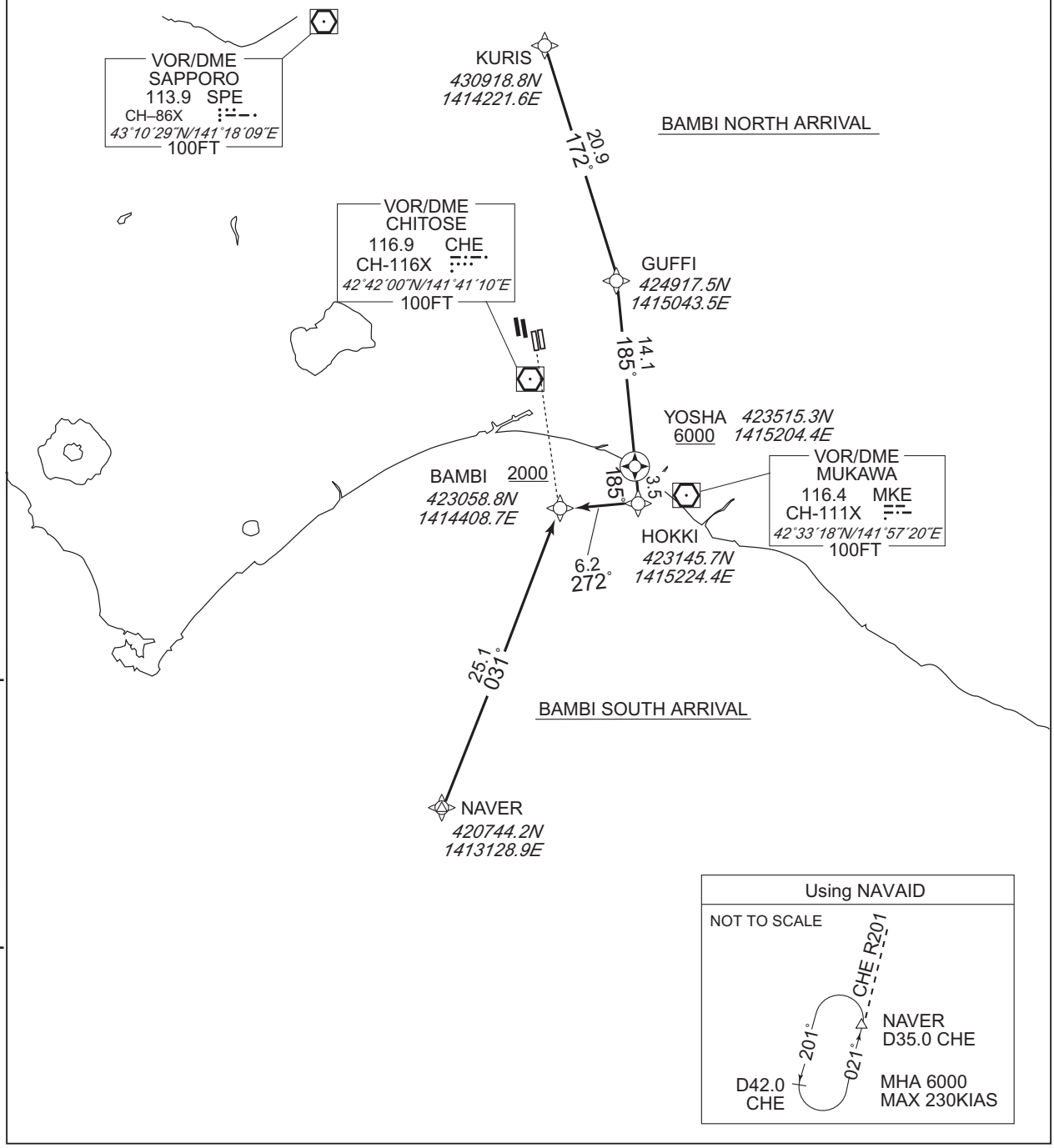
STANDARD ARRIVAL CHART-INSTRUMENT

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



CHANGE : Description of VAR and HLDG pattern.

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

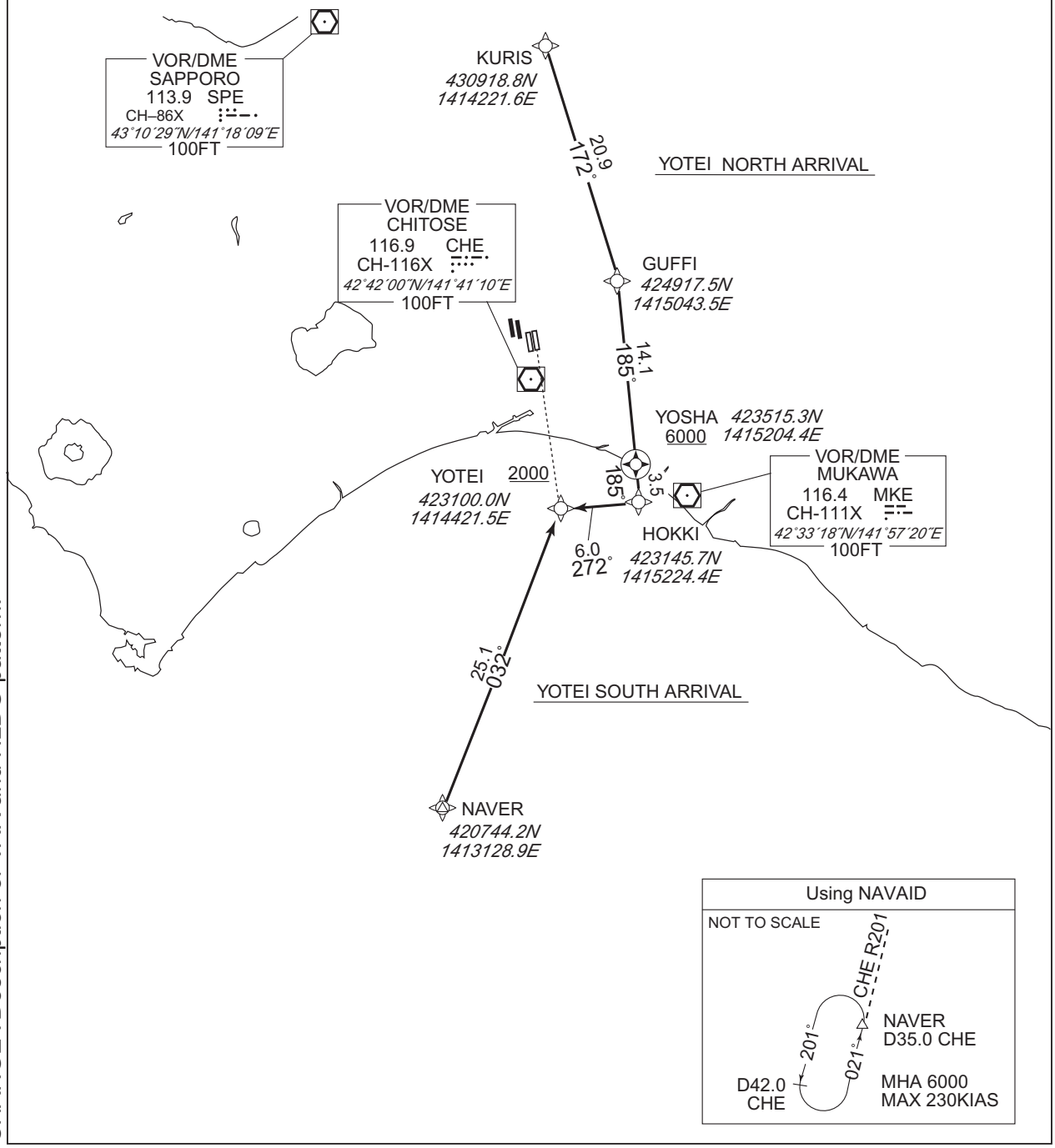
STANDARD ARRIVAL CHART-INSTRUMENT

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



CHANGE : Description of VAR and HLDG pattern.

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

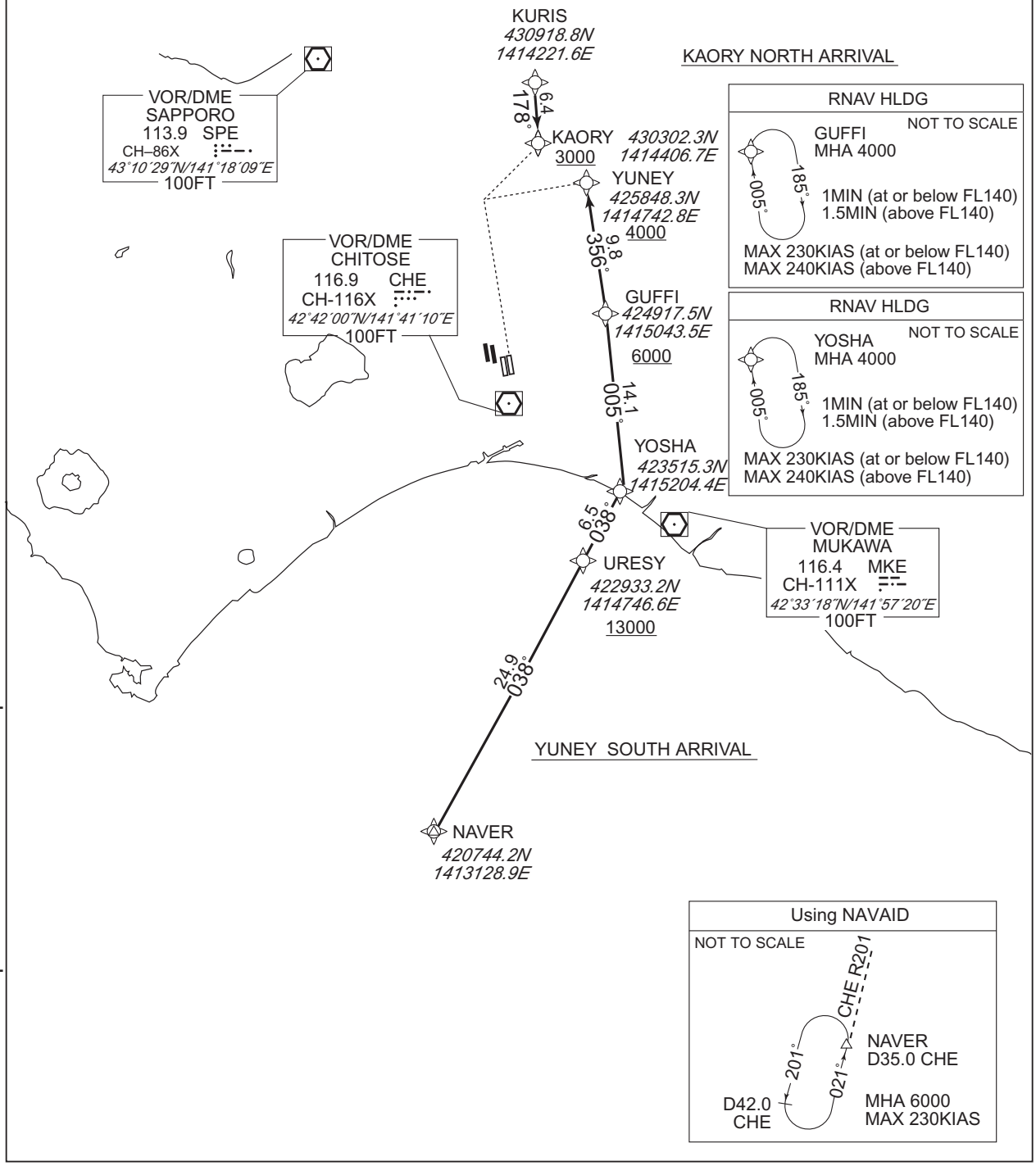
RNAV STAR RWY19L

YUNEY SOUTH ARRIVAL
KAORY NORTH ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.
2) RADAR service required.

VAR 9° W



CHANGE : Description of VAR and HLDG pattern.

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.

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

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

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

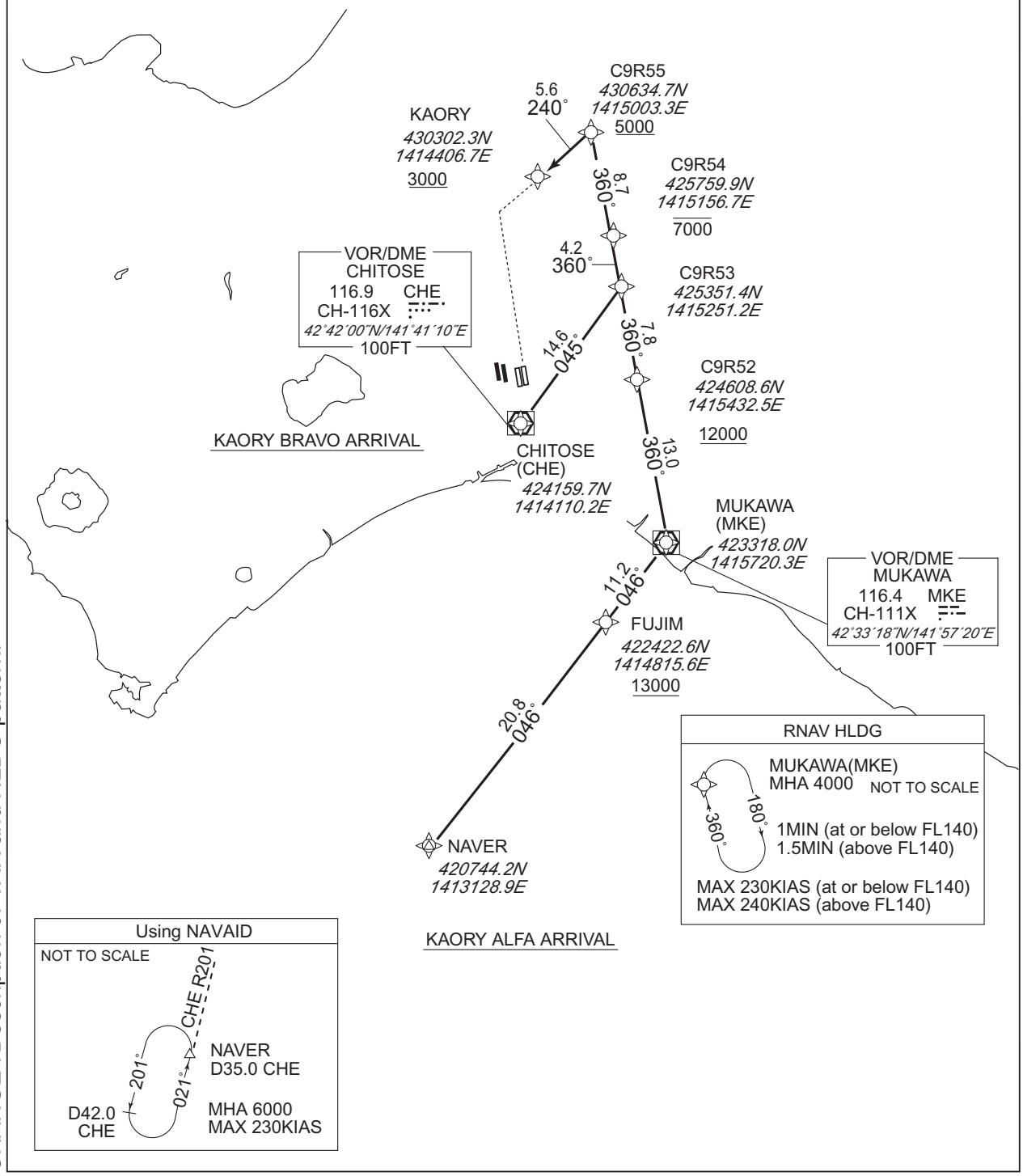
RNAV STAR RWY19L

KAORY ALFA ARRIVAL
KAORY BRAVO ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.
2) RADAR service required.

VAR 9° W



CHANGE : Description of VAR and HLDG pattern.

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	MKE	360 (350.9)	-9.3	1.0(-14000) 1.5(+14001)	R	4000	–	-230(-14000) -240(+14001)	RNAV1

CHANGE : Waypoint identifier(MKE).

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

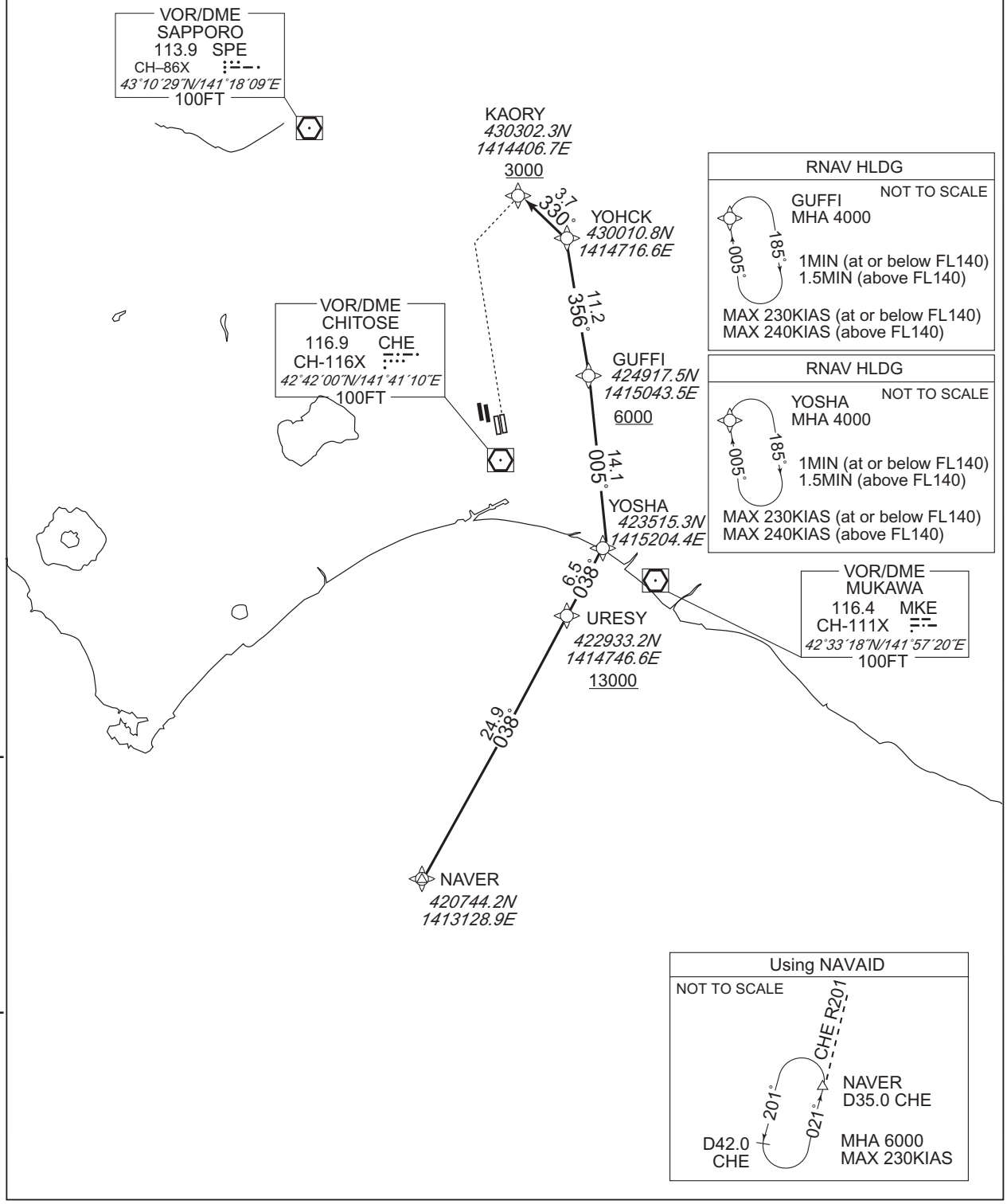
RNAV STAR RWY19L

NAVER ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.
2) RADAR service required.

VAR 9° W



CHANGE : Description of VAR and HLDG pattern.

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

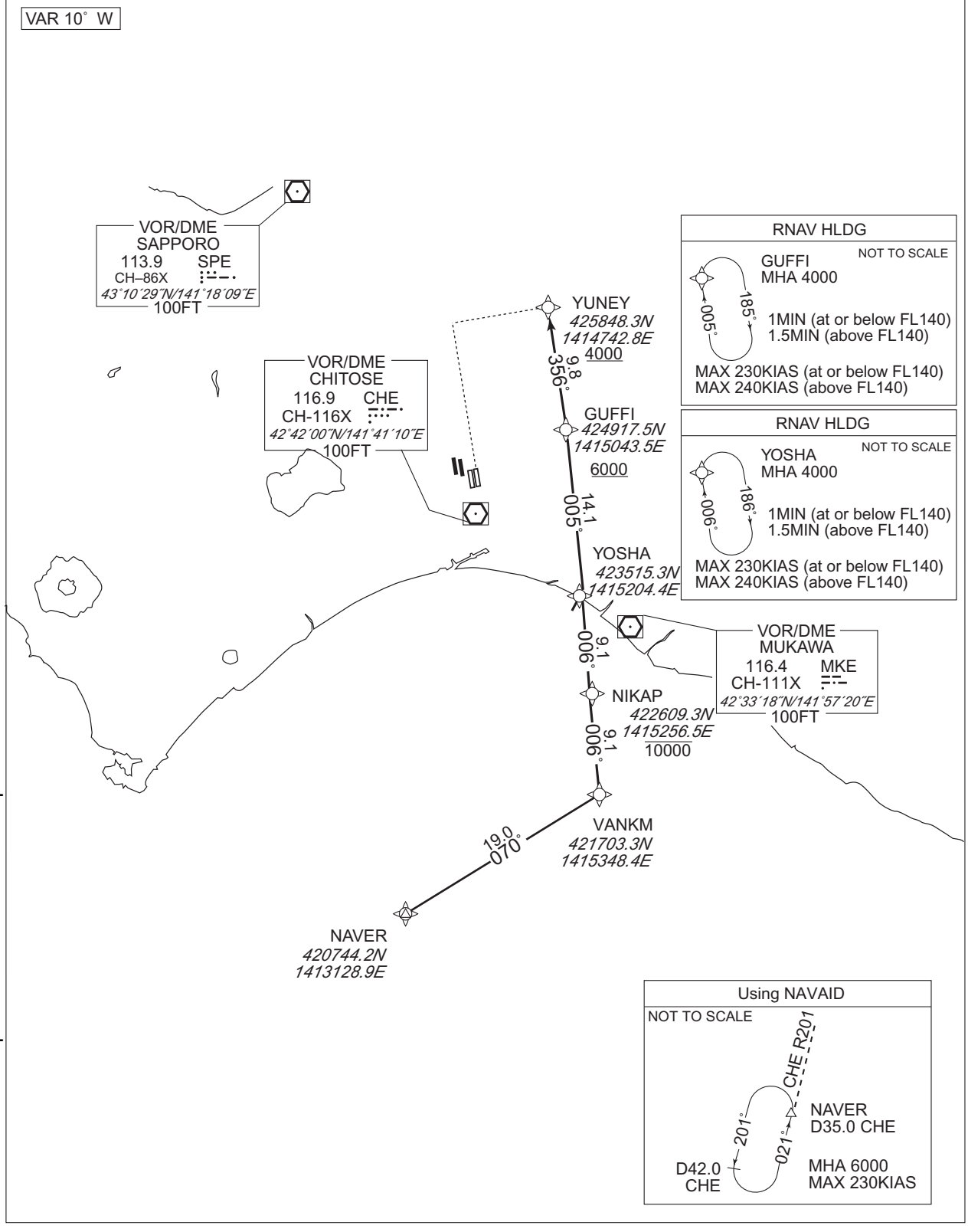
STANDARD APPROACH CHART - INSTRUMENT

RJCC / NEW CHITOSE

RNAV STAR RWY19L

YUNEY EAST ARRIVAL	RNAV 1

Note 1) DME/DME/IRU or GNSS required.
2) RADAR service required.



CHANGE : Description of VAR and HLDG pattern.

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

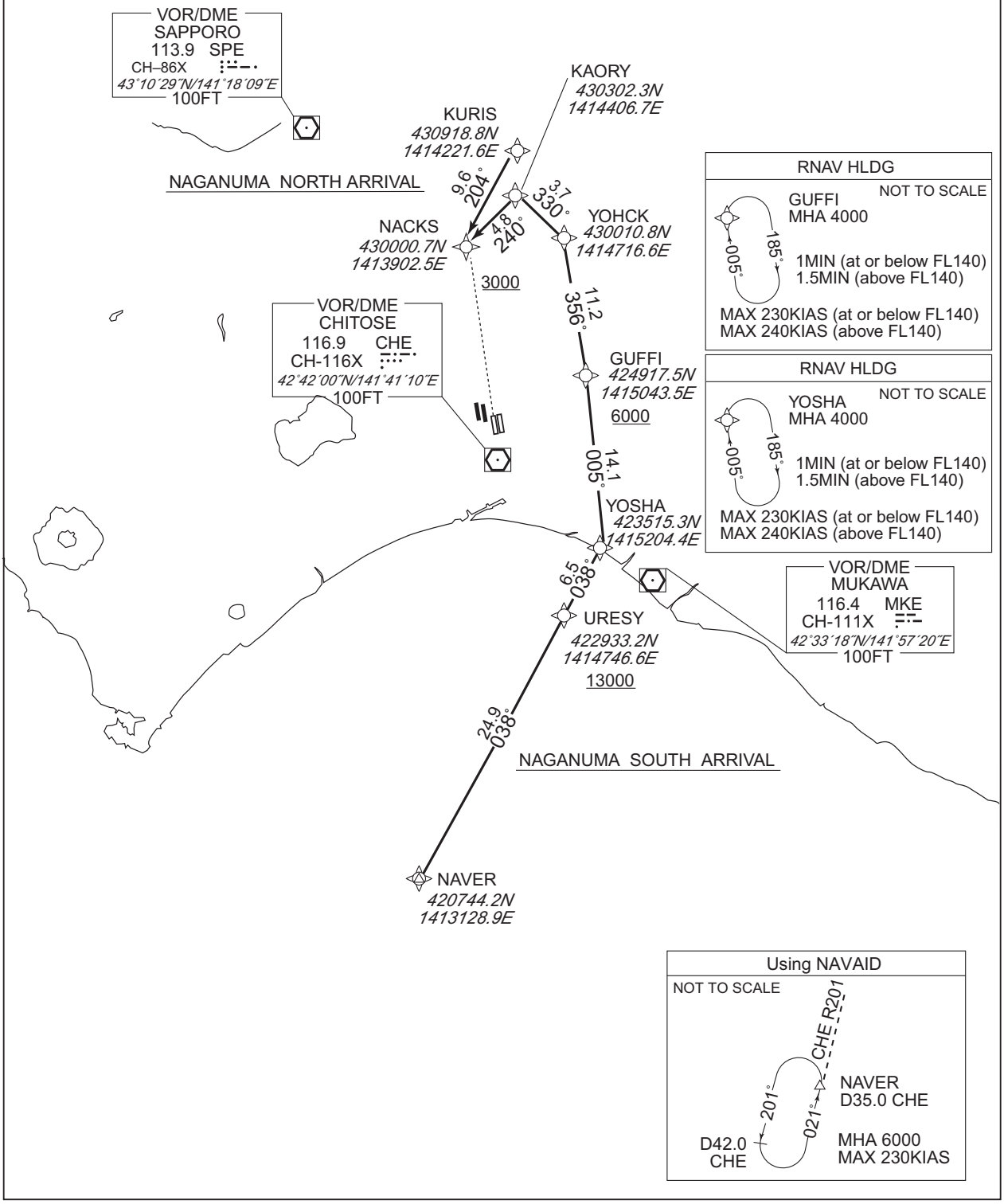
RNAV STAR RWY19R

NAGANUMA SOUTH ARRIVAL
NAGANUMA NORTH ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.
2) RADAR service required.

VAR 9° W



CHANGE : Description of VAR and HLDG pattern.

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

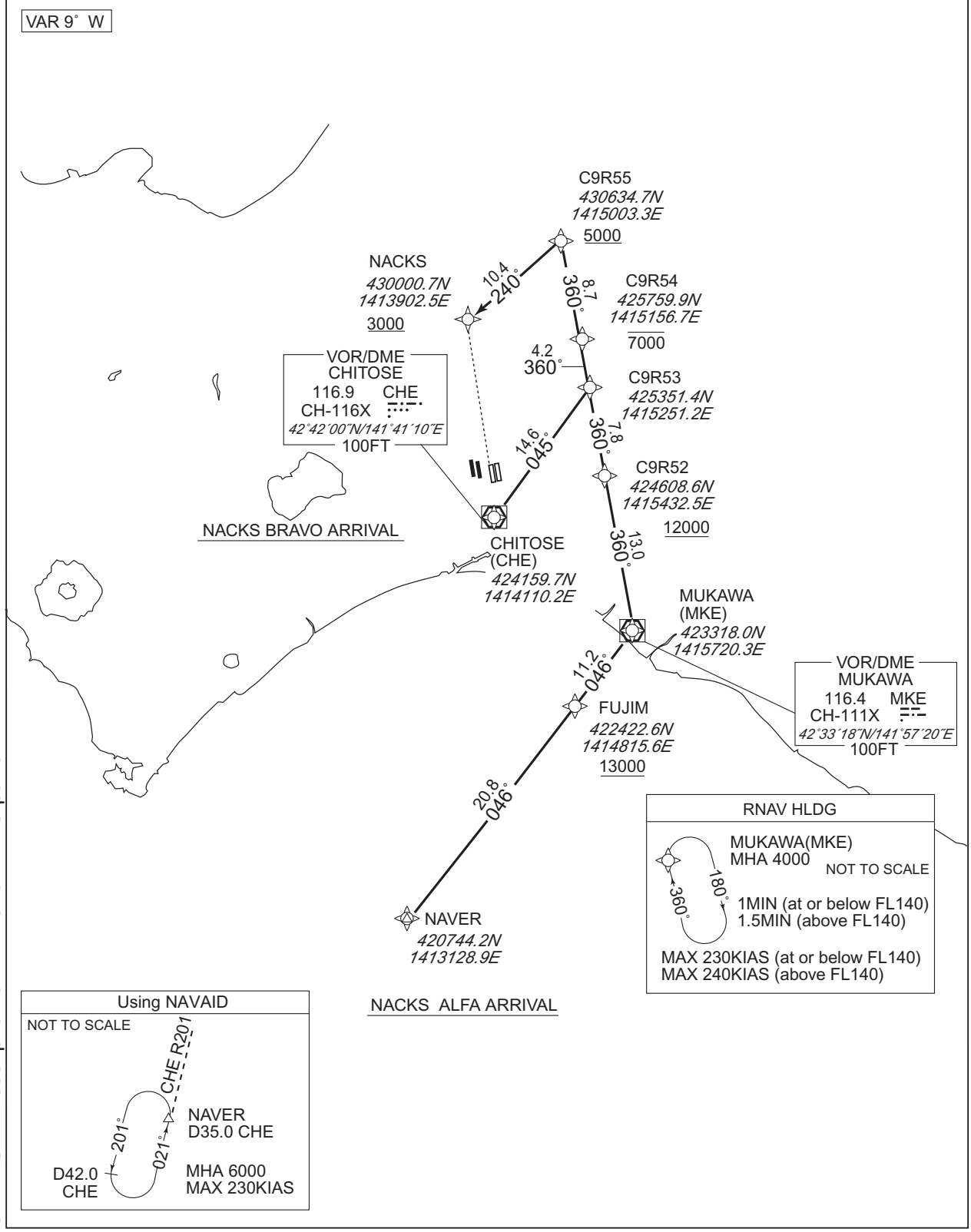
STANDARD ARRIVAL CHART-INSTRUMENT

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.



CHANGE : Description of VAR and HLDG pattern.

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	MKE	360 (350.9)	-9.3	1.0(-14000) 1.5(+14001)	R	4000	–	-230(-14000) -240(+14001)	RNAV1

CHANGE : Waypoint identifier(MKE).

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

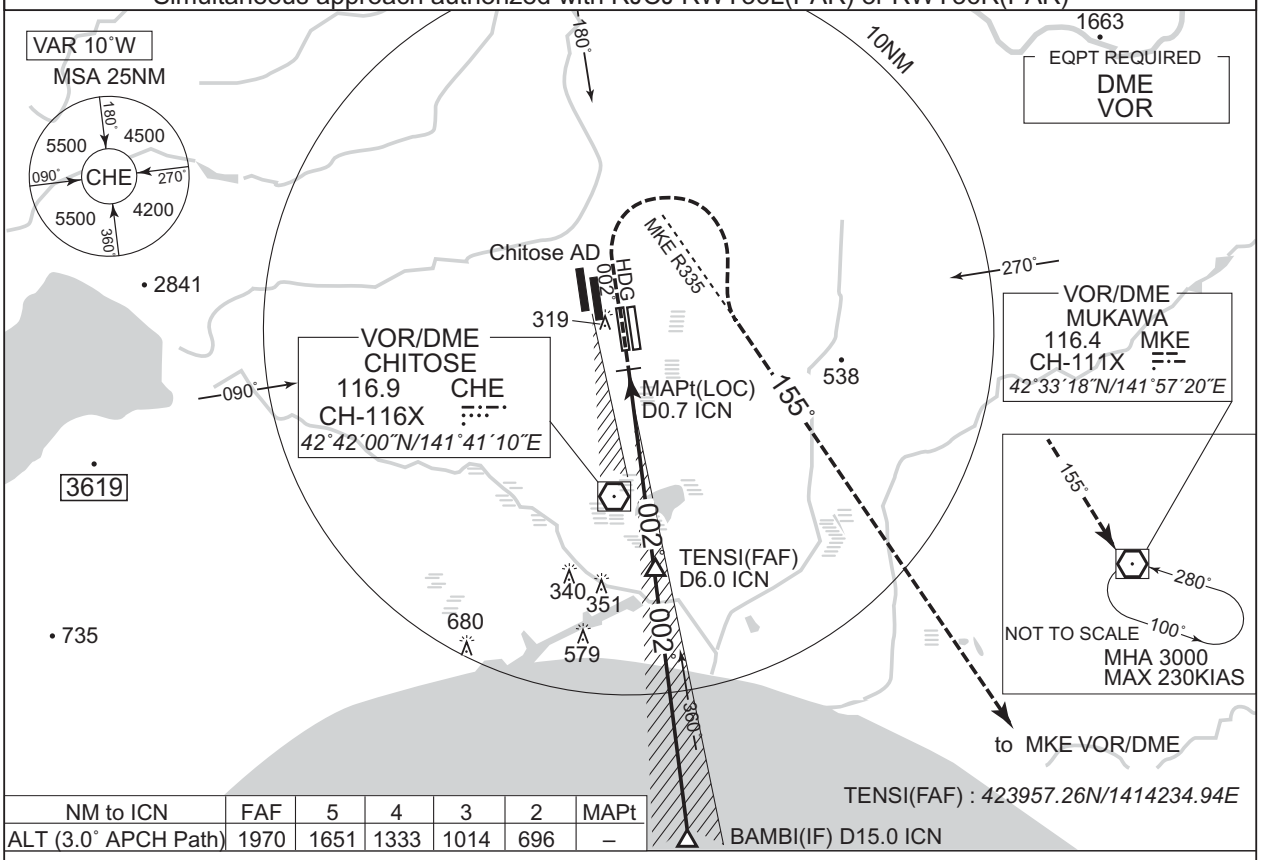
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	CHE	—	—	-9.3	—	—	—	—	—	RNAV1
002	TF	C9R53	—	045 (035.8)	-9.3	14.6	—	—	—	—	RNAV1
003	TF	C9R54	—	360 (350.9)	-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

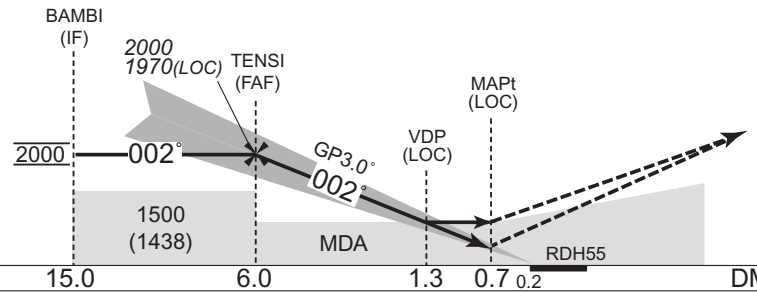
RJCC / NEW CHITOSE — ILS Z or LOC Z RWY01L

CHITOSE APP	ILS-LOC	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7	110.9 ICN ⠶⠒⠤ ILS–GP 330.8 ILS–DME CH–46X	118.8 – 126.2 – 121.6G	ATIS 128.6

Simultaneous approach authorized with RJCJ RWY36L(PAR) or RWY36R(PAR)



NM to ICN	FAF	5	4	3	2	MAPt
ALT (3.0˚ APCH Path)	1970	1651	1333	1014	696	–



MISSED APPROACH
Climb to 600FT on HDG002˚, turn right, via MKE R335 to MKE VOR/DME and hold at 5000FT.
Contact CHITOSE APP.

Timing not authorized for defining the MAPt.

MINIMA THR elev. 62 AD elev. 70

CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	262 (200)	550	470 (408)	900	510 (440)	1600
B				1000	520 (450)	
C						2400
D				1400	620 (550)	3200

Circling to EAST side of RWY only.

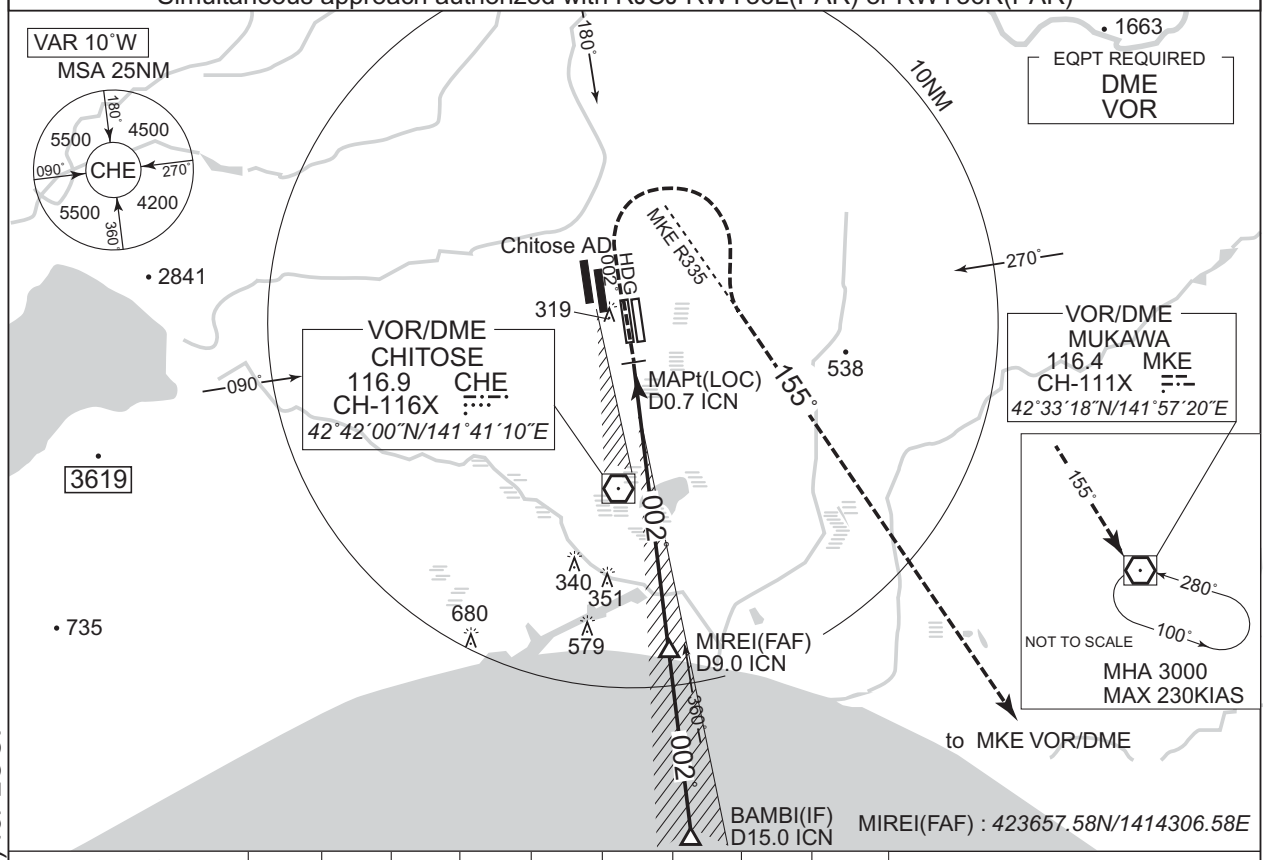
CHANGE : DME to ICN for VDP. NM to THR for VDP. MDA(H) for LOC.

INSTRUMENT APPROACH CHART

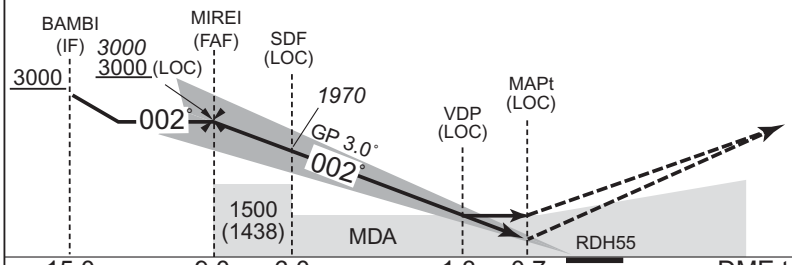
RJCC / NEW CHITOSE — ILS Y or LOC Y RWY01L

CHITOSE APP	ILS-LOC	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7	110.9 ICN ⠭⠒⠤ ILS–GP 330.8 ILS–DME CH–46X	118.8 – 126.2 – 121.6G	ATIS 128.6

Simultaneous approach authorized with RJCJ RWY36L(PAR) or RWY36R(PAR)



NM to ICN	FAF	8	7	6	5	4	3	2	MAPt
ALT (3.0˚ APCH Path)	–	2606	2288	1970	1651	1333	1014	696	–



MISSED APPROACH
Climb to 600FT on HDG002˚, turn right, via MKE R335 to MKE VOR/DME and hold at 5000FT.
Contact CHITOSE APP.

Timing not authorized for defining the MAPt.

MINIMA THR elev. 62 AD elev. 70

CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	262 (200)	550	470 (408)	900	510 (440)	1600
B				1000	520 (450)	
C						2400
D				1400	620 (550)	3200

Circling to EAST side of RWY only.

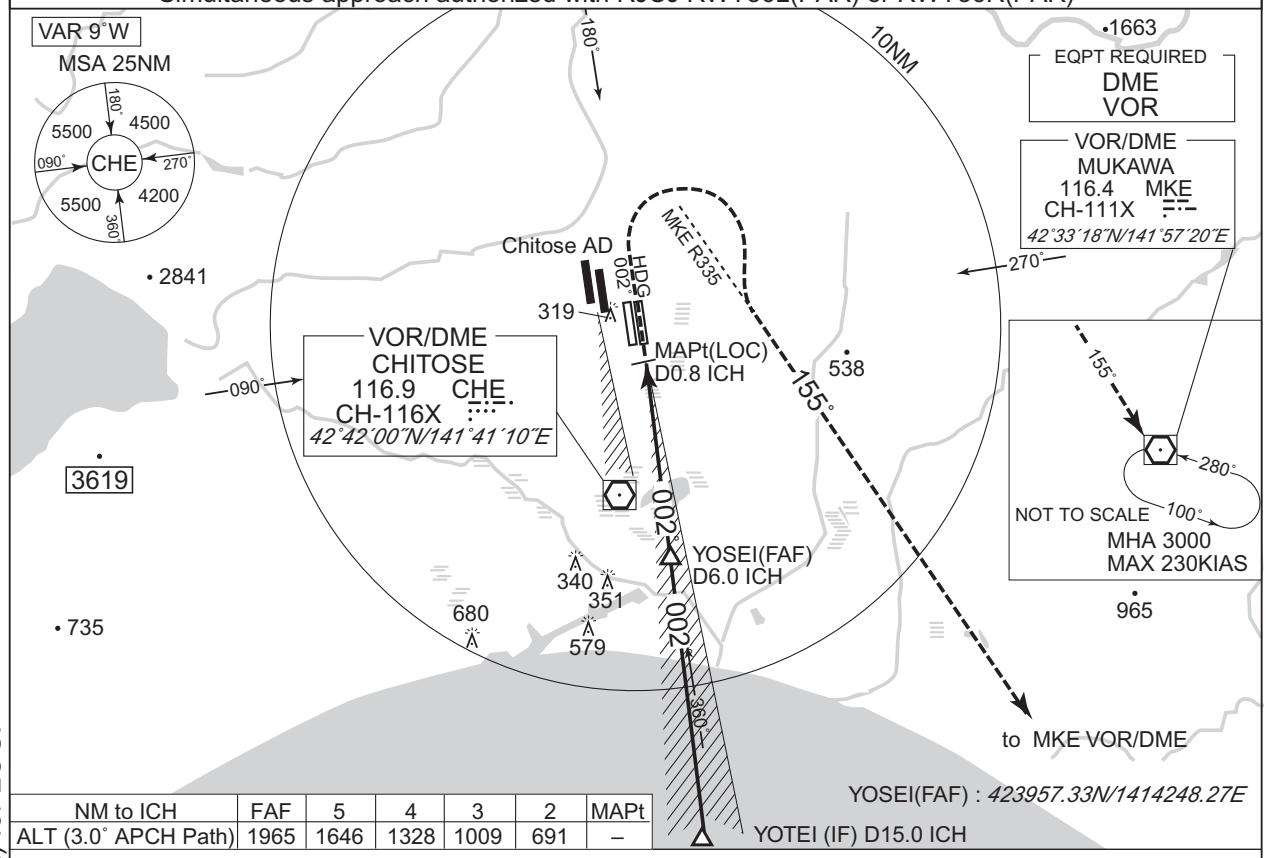
CHANGE : DME to ICN for VDP. NM to THR for VDP. MDA(H) for LOC.

INSTRUMENT APPROACH CHART

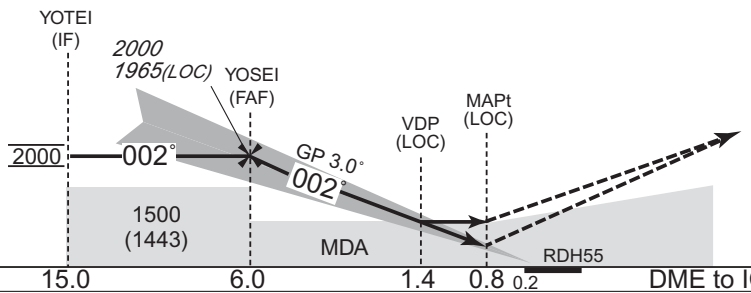
RJCC / NEW CHITOSE — ILS Z or LOC Z RWY01R

CHITOSE APP	ILS-LOC 110.75 ICH ILS–GP 330.05 ILS–DME CH–44Y	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7		118.8 – 126.2 – 121.6G	ATIS 128.6

Simultaneous approach authorized with RJCJ RWY36L(PAR) or RWY36R(PAR)



NM to ICH	FAF	5	4	3	2	MAPt
ALT (3.0° APCH Path)	1965	1646	1328	1009	691	–



MISSED APPROACH
Climb to 600FT on HDG002°, turn right, via MKE R335 to MKE VOR/DME and hold at 5000FT.
Contact CHITOSE APP.

Timing not authorized for defining the MAPt.

MINIMA THR elev. 57 AD elev. 70

CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	257 (200)	550	470 (413)	900	510 (440)	1600
B				1000	520 (450)	
C						2400
D				1400	620 (550)	3200

Circling to EAST side of RWY only.

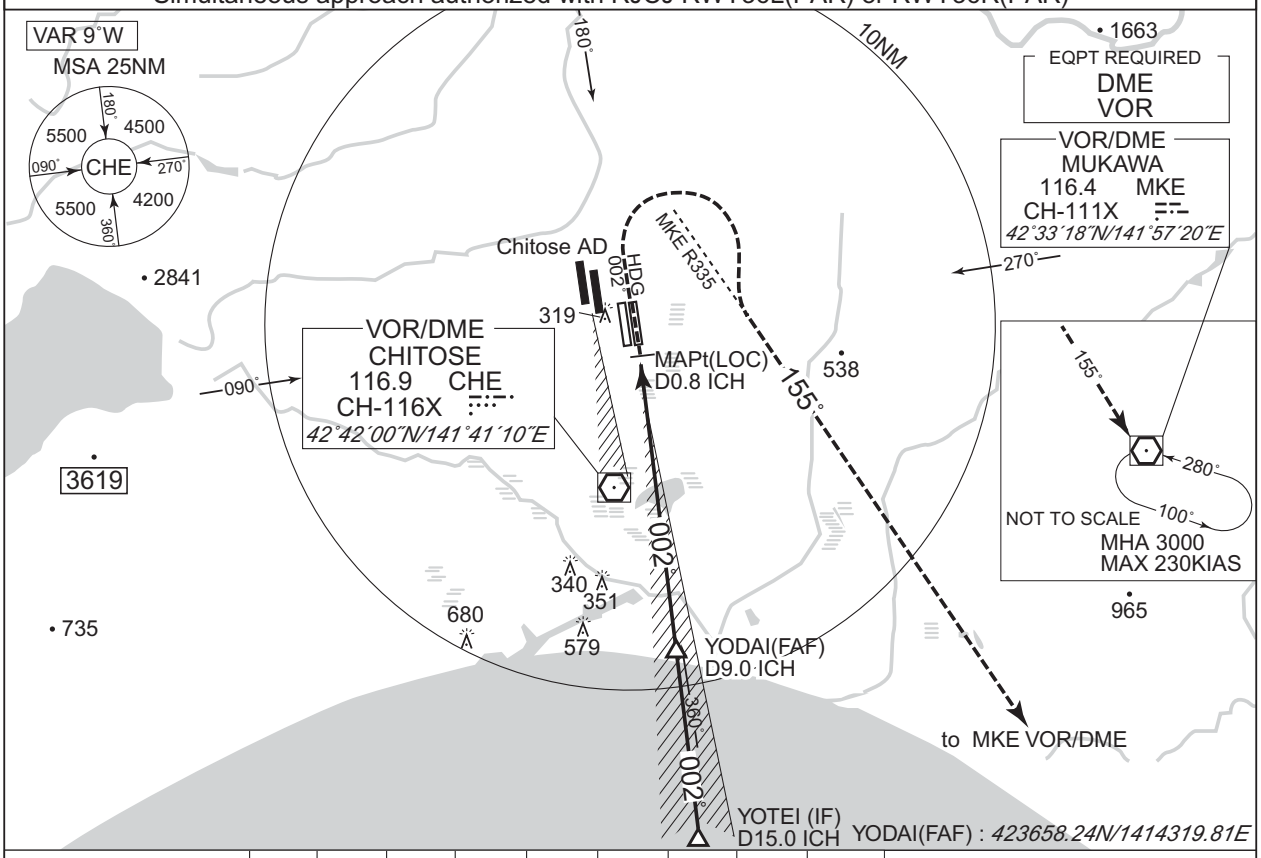
CHANGE : DME to ICH for VDP. NM to THR for VDP. MDA(H) for LOC.

INSTRUMENT APPROACH CHART

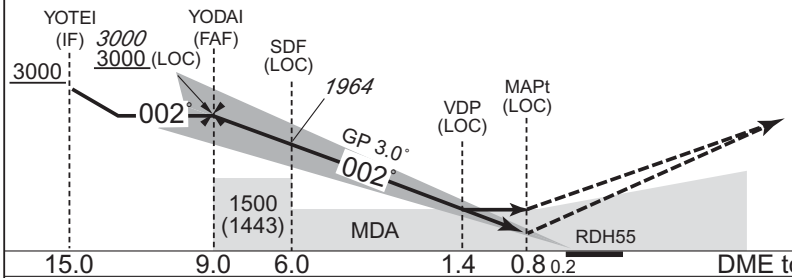
RJCC / NEW CHITOSE — ILS Y or LOC Y RWY01R

CHITOSE APP	ILS-LOC 110.75 ICH ILS–GP 330.05 ILS–DME CH–44Y	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7		118.8 – 126.2 – 121.6G	ATIS 128.6

Simultaneous approach authorized with RJCJ RWY36L(PAR) or RWY36R(PAR)



NM to ICH	FAF	8	7	6	5	4	3	2	MAPt
ALT (3.0° APCH Path)	–	2601	2283	1964	1646	1328	1009	691	–



MISSED APPROACH
Climb to 600FT on HDG002°, turn right, via MKE R335 to MKE VOR/DME and hold at 5000FT.
Contact CHITOSE APP.

Timing not authorized for defining the MAPt.

MINIMA THR elev. 57 AD elev. 70

CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	257 (200)	550	470 (413)	900	510 (440)	1600
B				1000	520 (450)	
C						2400
D				1400	620 (550)	3200

Circling to EAST side of RWY only.

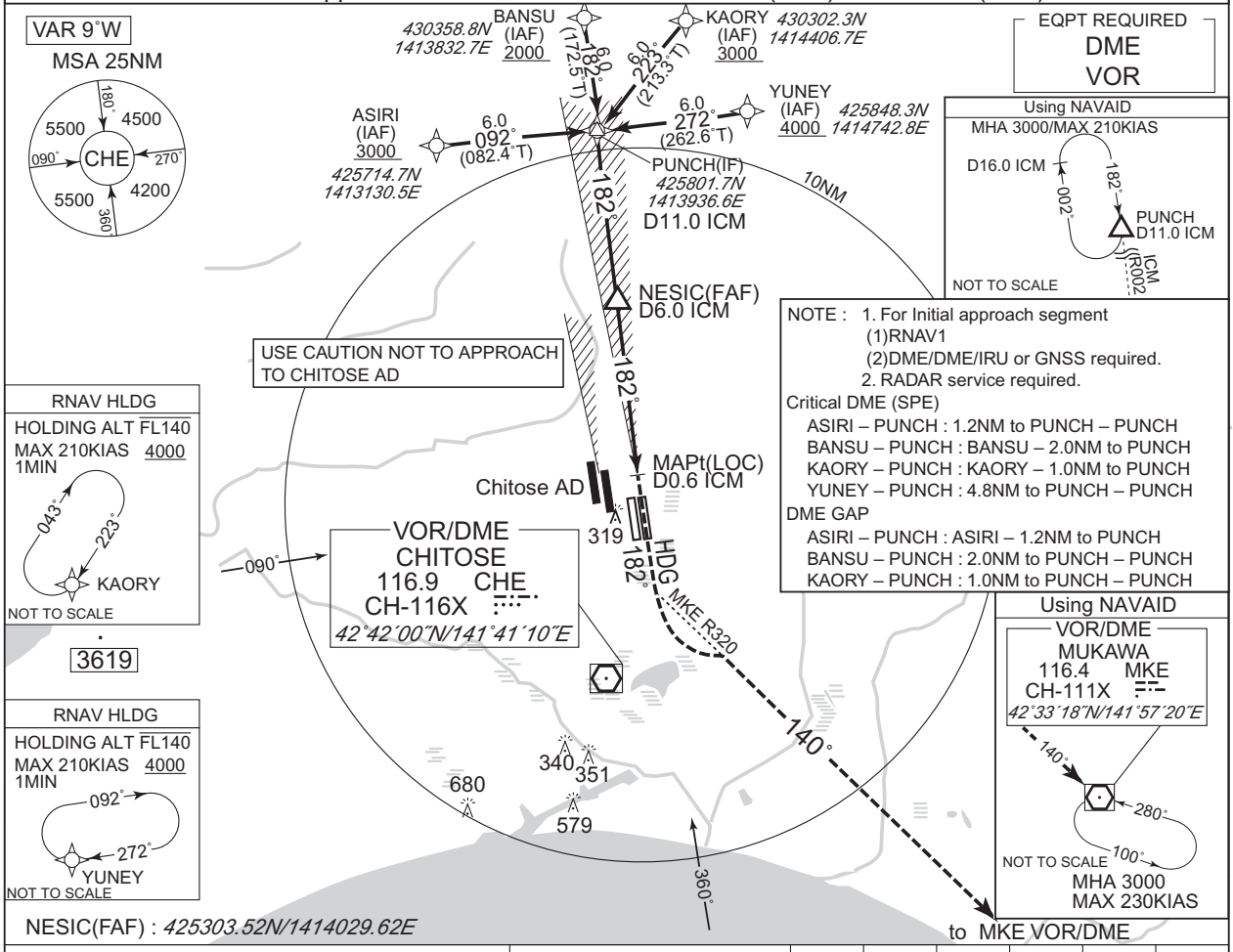
CHANGE : DME to ICH for VDP. NM to THR for VDP. MDA(H) for LOC.

INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE — ILS Z or LOC Z RWY19L

CHITOSE APP	ILS - LOC	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7	109.35 ICM ILS–GP 331.85 ILS–DME CH-30Y	118.8 – 126.2 – 121.6G	ATIS 128.6

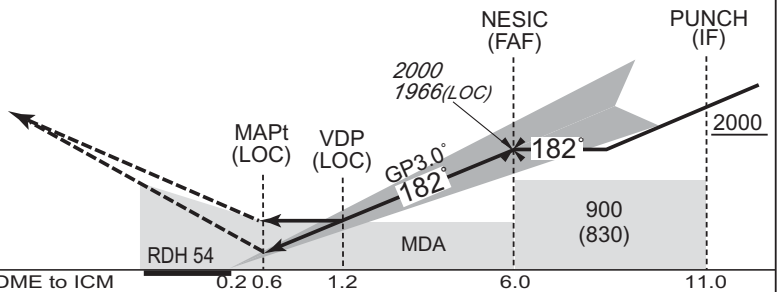
Simultaneous approach authorized with RJCJ RWY18L(PAR) or RWY18R(PAR)



	NM to ICM	MAPt	2	3	4	5	FAF
	ALT (3.0˚ APCH Path)	–	705	1024	1342	1661	1966

MISSED 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 ICM	0.2	0.6	1.2	6.0		11.0
NM to THR	0	0.5	1.0	5.8		10.8

MINIMA THR elev. 77 AD elev. 70

CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	277 (200)	700	450 (380)	1200	580 (510)	1600
B				1300		
C				1400		2400
D				1600	640 (570)	3200

Circling to EAST side of RWY only.

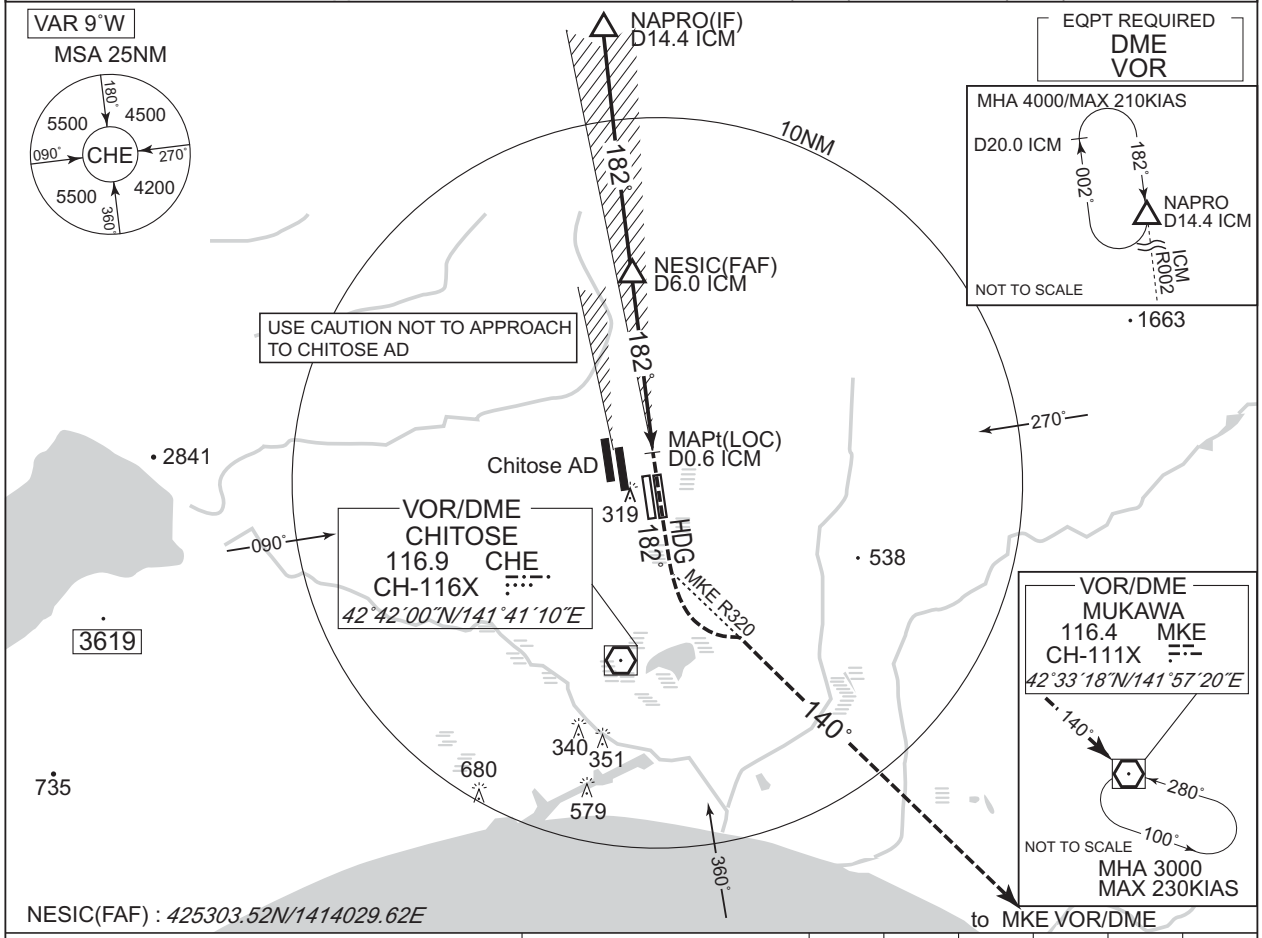
CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE — ILS Y or LOC Y RWY19L

CHITOSE APP	ILS - LOC 109.35 ICM ILS–GP 331.85 ILS–DME CH-30Y	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7		118.8 – 126.2 – 121.6G	ATIS 128.6

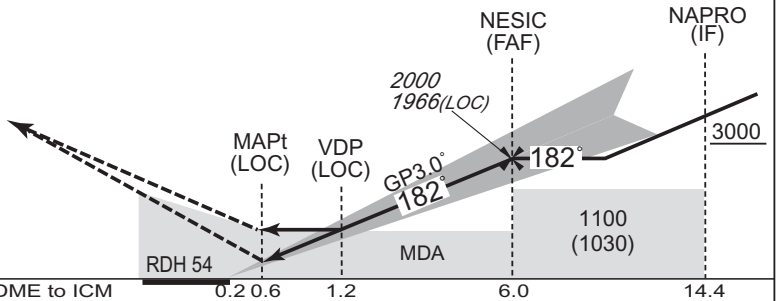
Simultaneous approach authorized with RJCJ RWY18L(PAR) or RWY18R(PAR)



	NM to ICM	MAPt	2	3	4	5	FAF
	ALT (3.0˚ APCH Path)	–	705	1024	1342	1661	1966

MISSED 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 ICM	0.2	0.6	1.2	6.0		14.4
NM to THR	0	0.5	1.0	5.8		14.2

MINIMA THR elev. 77 AD elev. 70

CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	277 (200)	700	450 (380)	1200	580 (510)	1600
B				1300		
C				1400		2400
D				1600	640 (570)	3200

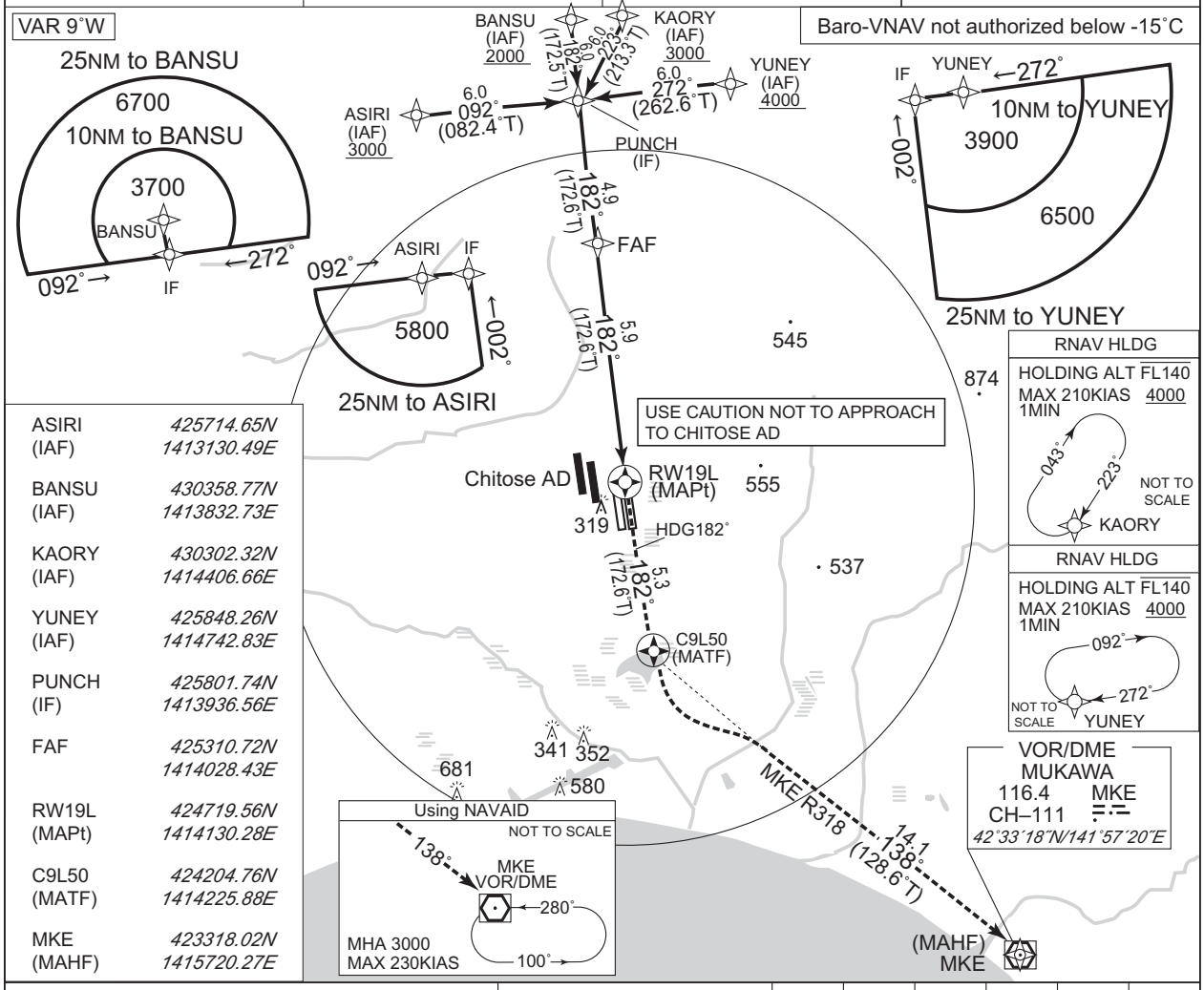
Circling to EAST side of RWY only.

CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE — RNP RWY19L

CHITOSE APP	RNP APCH	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7		118.8 – 126.2 – 121.6G	ATIS 128.6

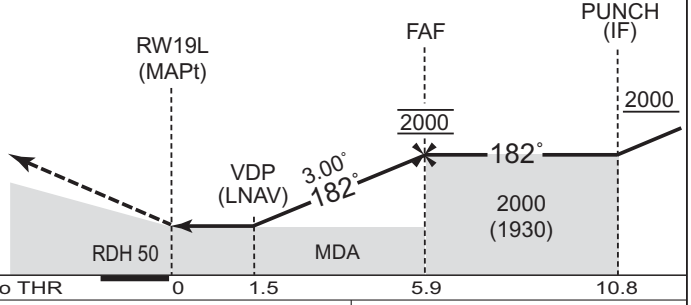


	ASIRI	BANSU	KAORY	YUNEY	PUNCH	FAF	RW19L	C9L50	MKE
	(IAF)	(IAF)	(IAF)	(IAF)	(IF)		(MAPt)	(MATF)	(MAHF)
	425714.65N	*430358.77N*	*430302.32N*	*425848.26N*	*425801.74N*	*425310.72N*	*424719.56N*	*424204.76N*	*423318.02N*
	1413130.49E	*1413832.73E*	*1414406.66E*	*1414742.83E*	*1413936.56E*	*1414028.43E*	*1414130.28E*	*1414225.88E*	*1415720.27E*

NM to Next Fix	MAPt	2	3	4	5	FAF
ALT (3.0˚ APCH Path)	–	763	1082	1400	1719	2000

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	570 (493)	1400	570 (500)	1400	580 (510)	1600
B		1500		1500		
C		1600		1600		2400
D		1800		1800	640 (570)	3200

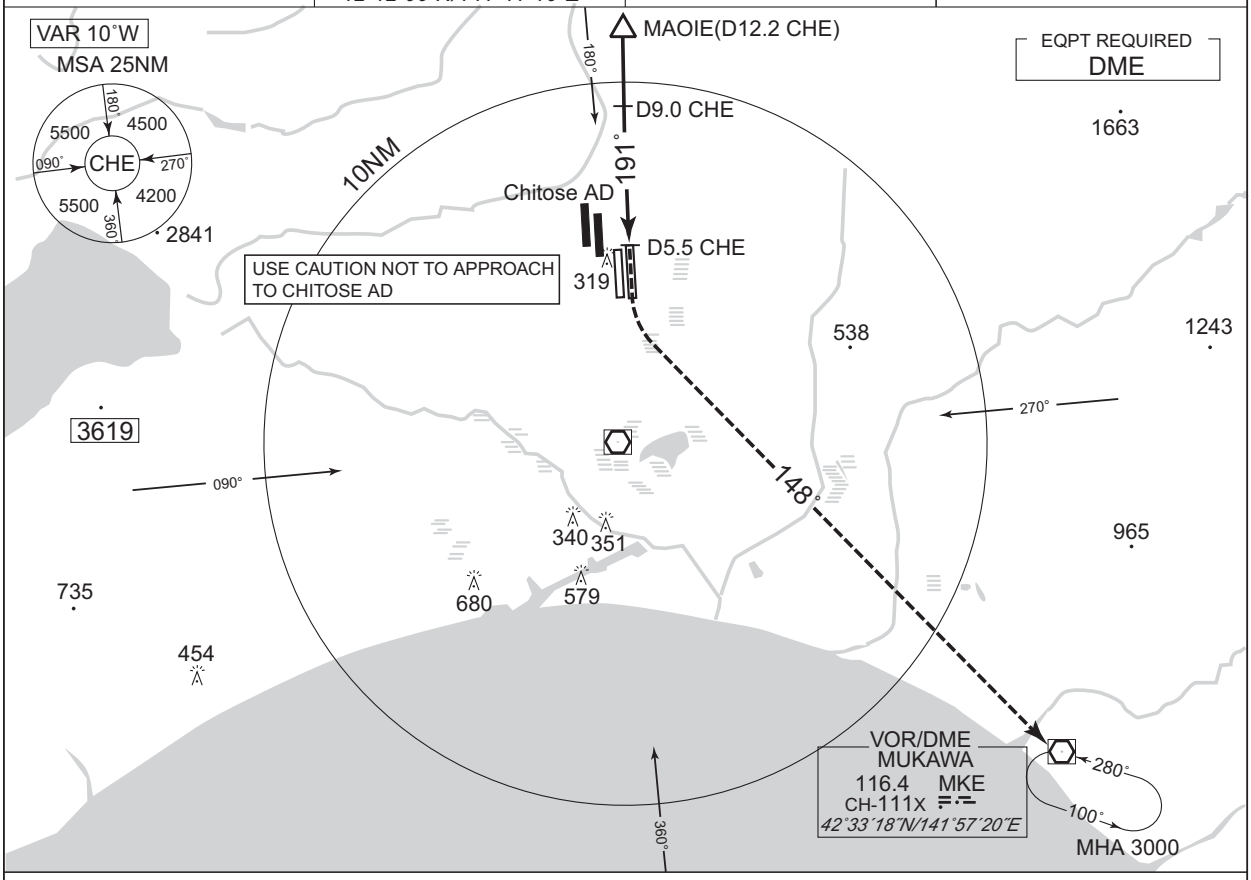
Circling to EAST side of RWY only.

CHANGE : Description of VAR.

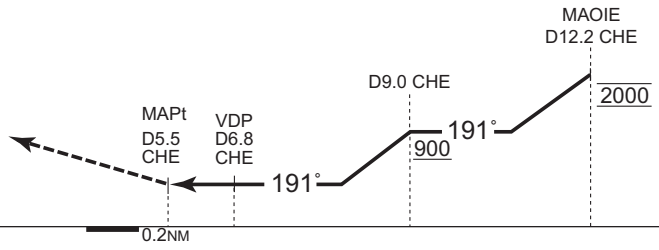
INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE VOR Z RWY19L

CHITOSE APP	CHITOSE VOR/DME 116.9 CHE CH–116X 42°42′00″N/141°41′10″E	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7		118.8 – 126.2 – 121.6G	ATIS 128.6



MISSED 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

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	620 (550)	1400	620 (550)	1600
B		1500		
C		1600		2400
D		1800	640 (570)	3200

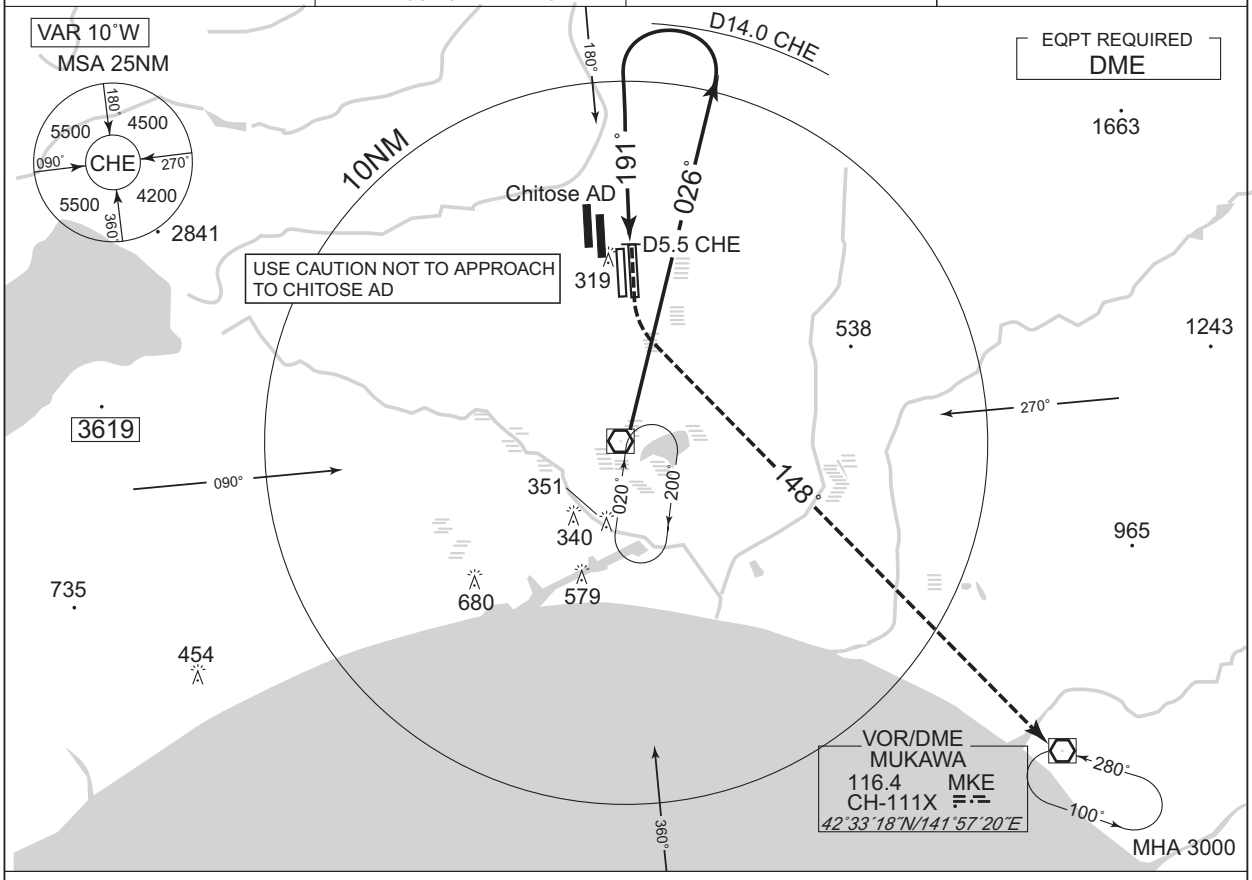
Circling to EAST side of RWY only.

CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

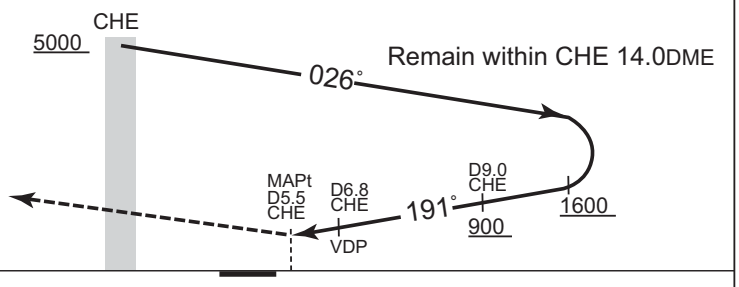
RJCC / NEW CHITOSE VOR Y RWY19L

CHITOSE APP	CHITOSE VOR/DME 116.9 CHE CH–116X *42°42′00″N/141°41′10″E*	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7		118.8 – 126.2 – 121.6G	ATIS 128.6



MISSED 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

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	620 (550)	1400	620 (550)	1600
B		1500		
C		1600		2400
D		1800	640 (570)	3200

Circling to EAST side of RWY only.

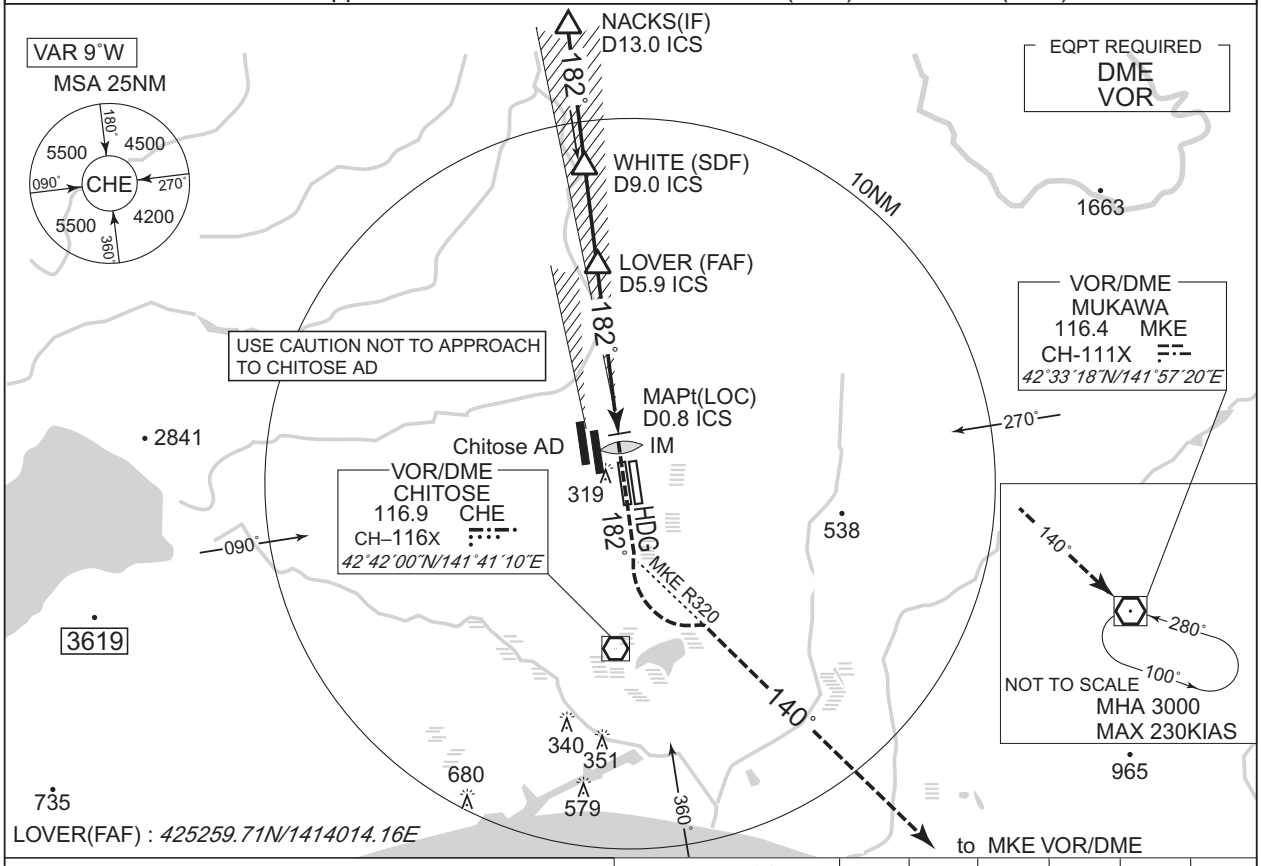
CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE — ILS Z or LOC Z RWY19R (CAT Ⅱ & Ⅲ)

CHITOSE APP	ILS-LOC 111.5 ICS ⠶⠄⠤⠄ ILS–GP 332.9 ILS–DME CH-52X	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7		118.8 – 126.2 – 121.6G	ATIS 128.6

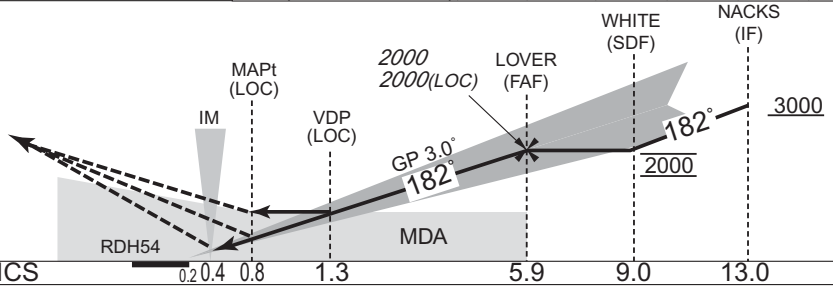
Simultaneous approach authorized with RJCJ RWY18L(PAR) or RWY18R(PAR)



NM to ICS	MAPt	2	3	4	5	FAF
ALT (3.0˚ APCH Path)	–	711	1030	1348	1667	–

MISSED 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	13.0
NM to THR	0	0.2	0.6	1.1	5.8	8.8	12.8

MINIMA THR elev. 82 AD elev. 70

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

Circling to EAST side of RWY only.

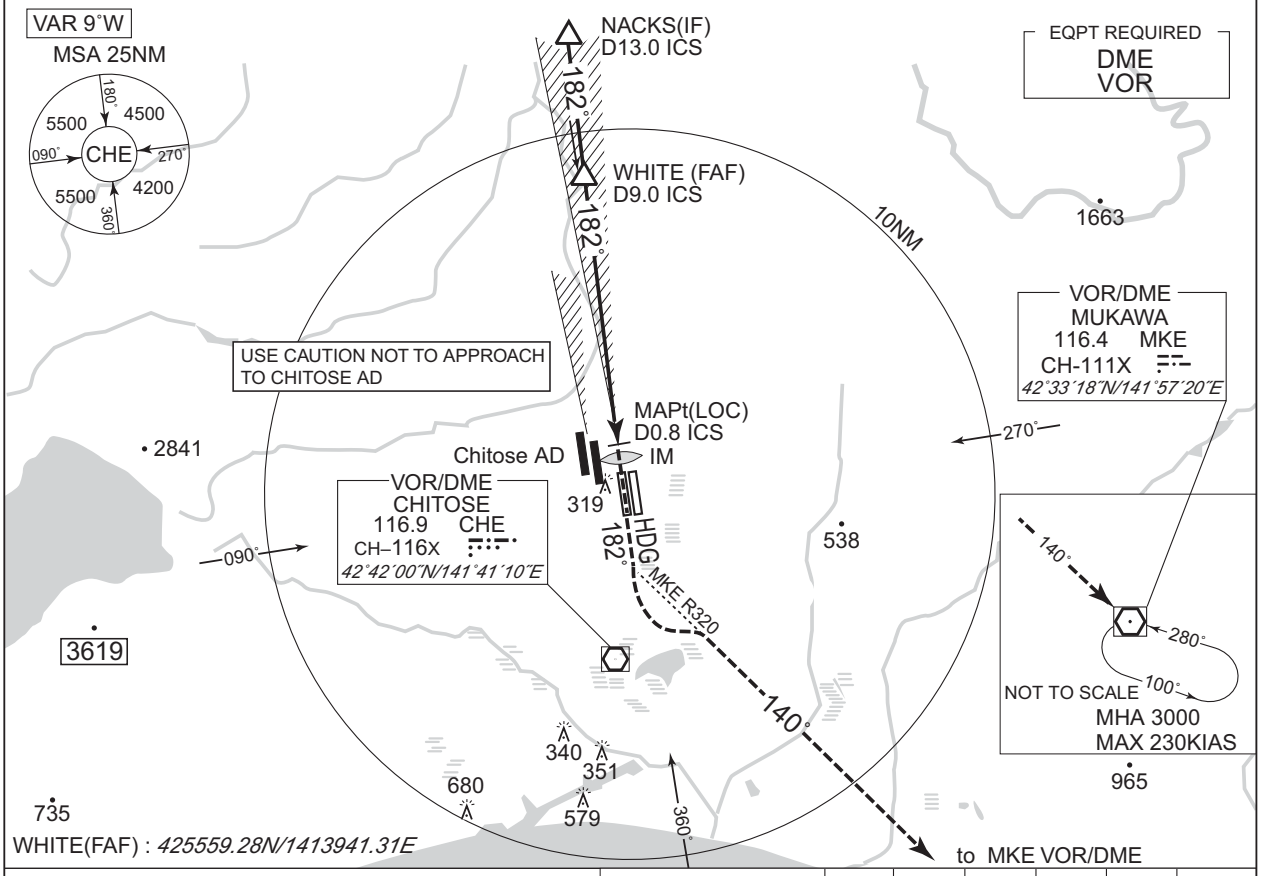
CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE — ILS Y or LOC Y RWY19R (CAT Ⅱ & Ⅲ)

CHITOSE APP	ILS-LOC	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7	111.5 ICS ⠶⠒⠤ ILS–GP 332.9 ILS–DME CH-52X	118.8 – 126.2 – 121.6G	ATIS 128.6

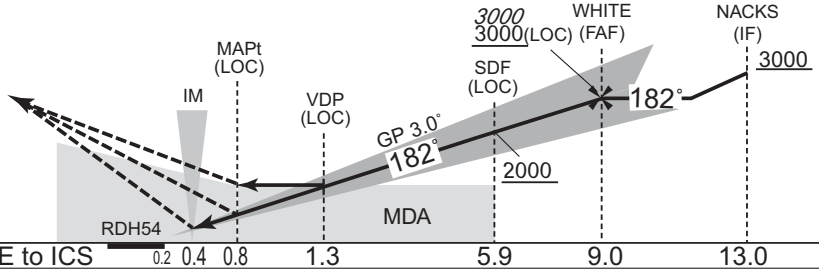
Simultaneous approach authorized with RJCJ RWY18L(PAR) or RWY18R(PAR)



	NM to ICS	MAPt	2	3	4	5	FAF
	ALT (3.0° APCH Path)	–	711	1030	1348	1667	–

MISSED 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	13.0
NM to THR	0	0.2	0.6	1.1	5.8	8.8	12.8

MINIMA THR elev. 82 AD elev. 70

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

Circling to EAST side of RWY only.

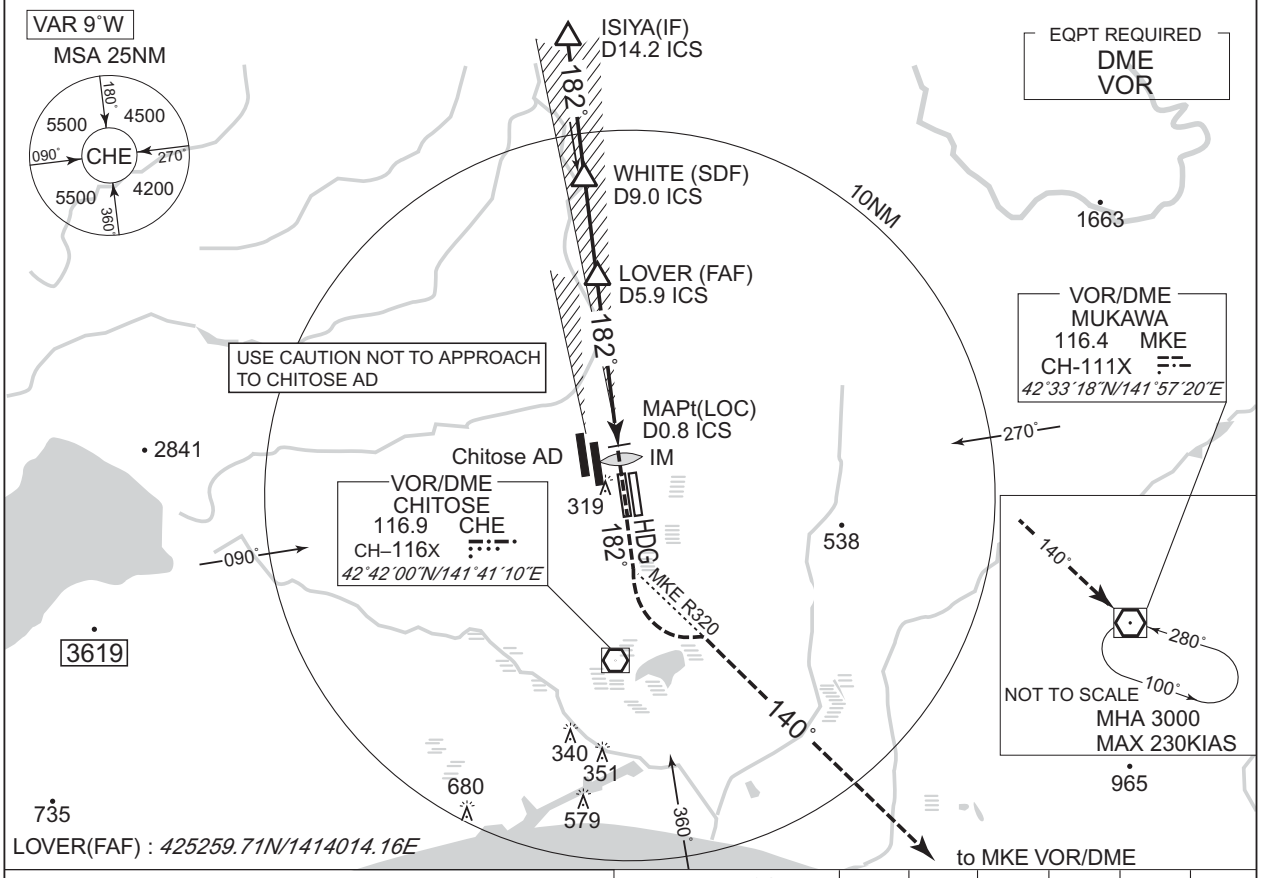
CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE — ILS X or LOC X RWY19R (CAT Ⅱ&Ⅲ)

CHITOSE APP	ILS-LOC	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7	111.5 ICS ⠶⠤⠄ ILS–GP 332.9 ILS–DME CH-52X	118.8 – 126.2 – 121.6G	ATIS 128.6

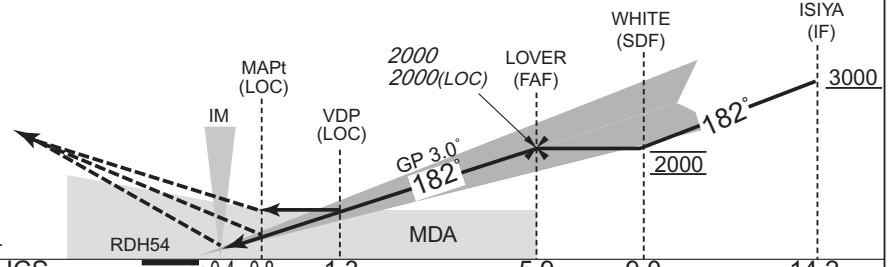
Simultaneous approach authorized with RJCJ RWY18L(PAR) or RWY18R(PAR)



	NM to ICS	MAPt	2	3	4	5	FAF
	ALT (3.0° APCH Path)	–	711	1030	1348	1667	–

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

Circling to EAST side of RWY only.

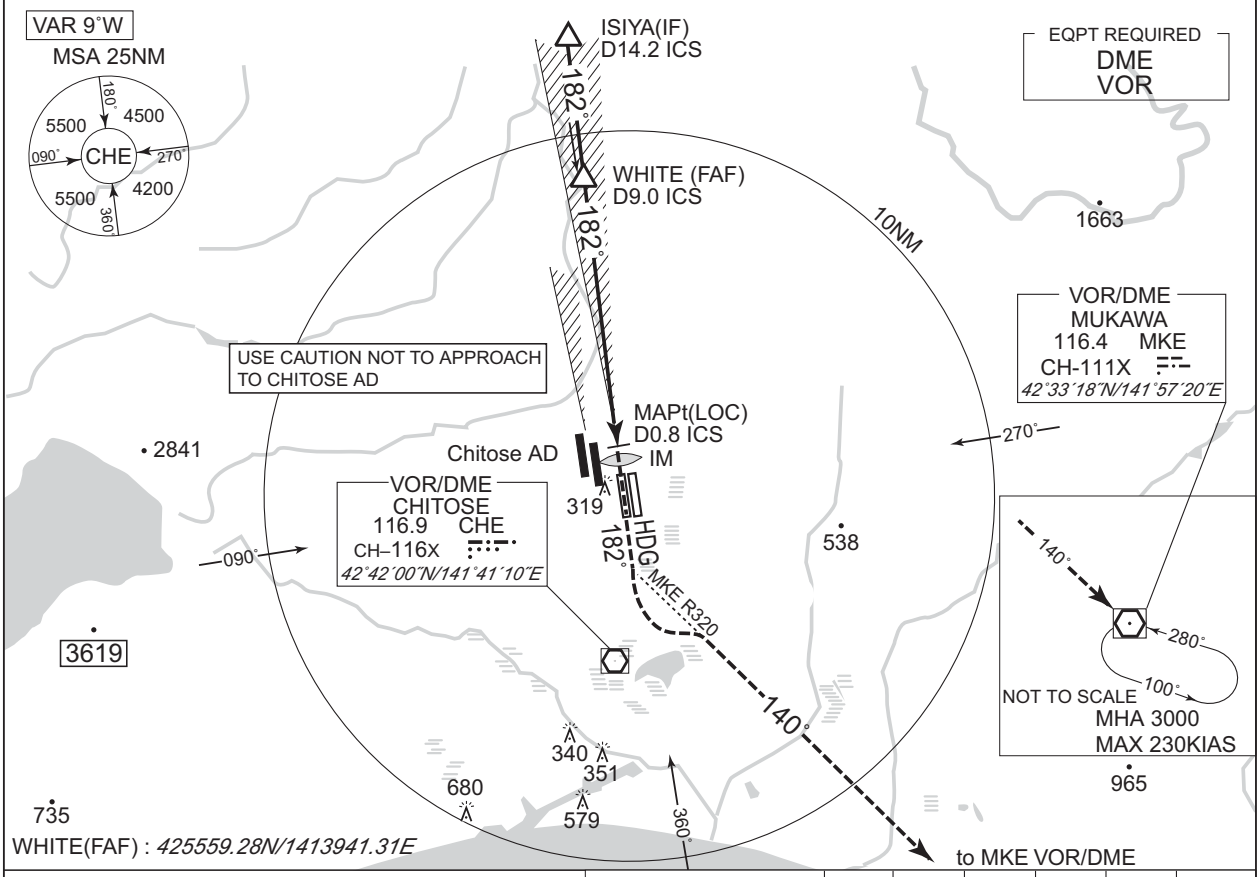
CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE — ILS W or LOC W RWY19R (CAT Ⅱ & Ⅲ)

CHITOSE APP	ILS-LOC 111.5 ICS ⠶⠒⠤⠄ ILS–GP 332.9 ILS–DME CH-52X	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7		118.8 – 126.2 – 121.6G	ATIS 128.6

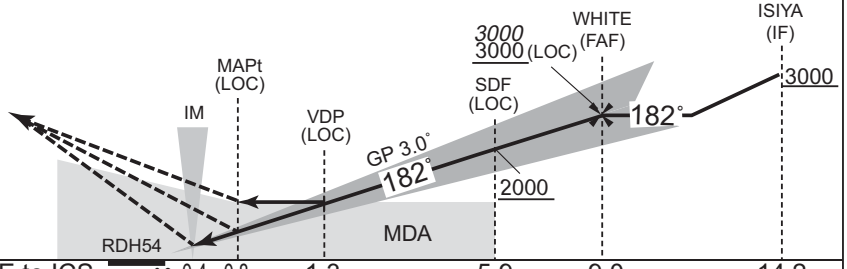
Simultaneous approach authorized with RJCJ RWY18L(PAR) or RWY18R(PAR)



	NM to ICS	MAPt	2	3	4	5	FAF
	ALT (3.0° APCH Path)	–	711	1030	1348	1667	–

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

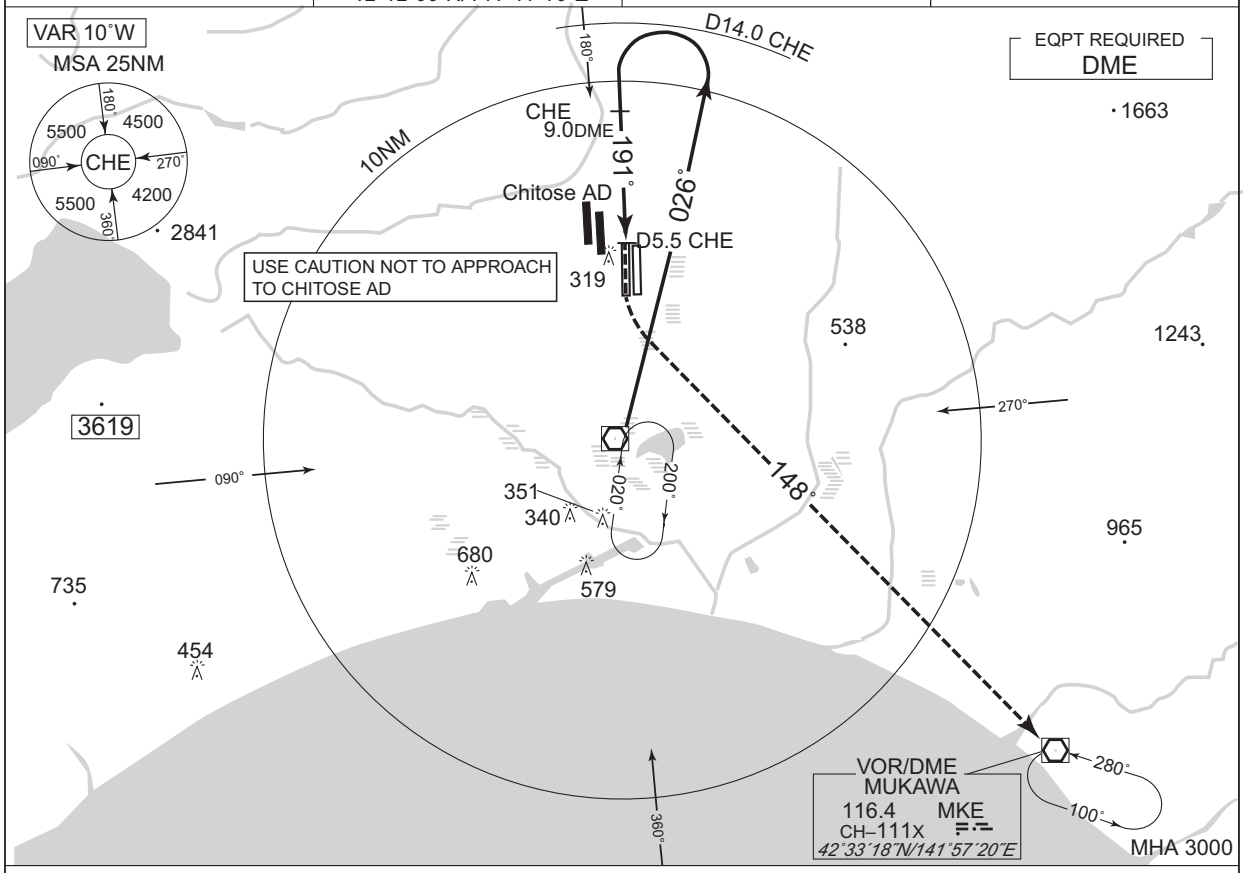
Circling to EAST side of RWY only.

CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

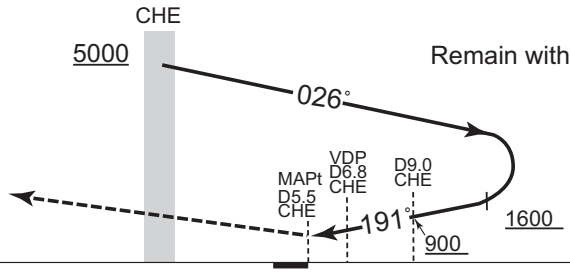
RJCC / NEW CHITOSE VOR RWY19R

CHITOSE APP	CHITOSE VOR/DME	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7	116.9 CHE CH–116X *42˚42´00˝N/141˚41´10˝E*	118.8 – 126.2 – 121.6G	ATIS 128.6



MISSED APPROACH

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



Remain within CHE 14.0DME

MINIMA THR elev. 82 AD elev. 70

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	620 (550)	1000	620 (550)	1600
B		1200		
C				2400
D		1600	640 (570)	3200

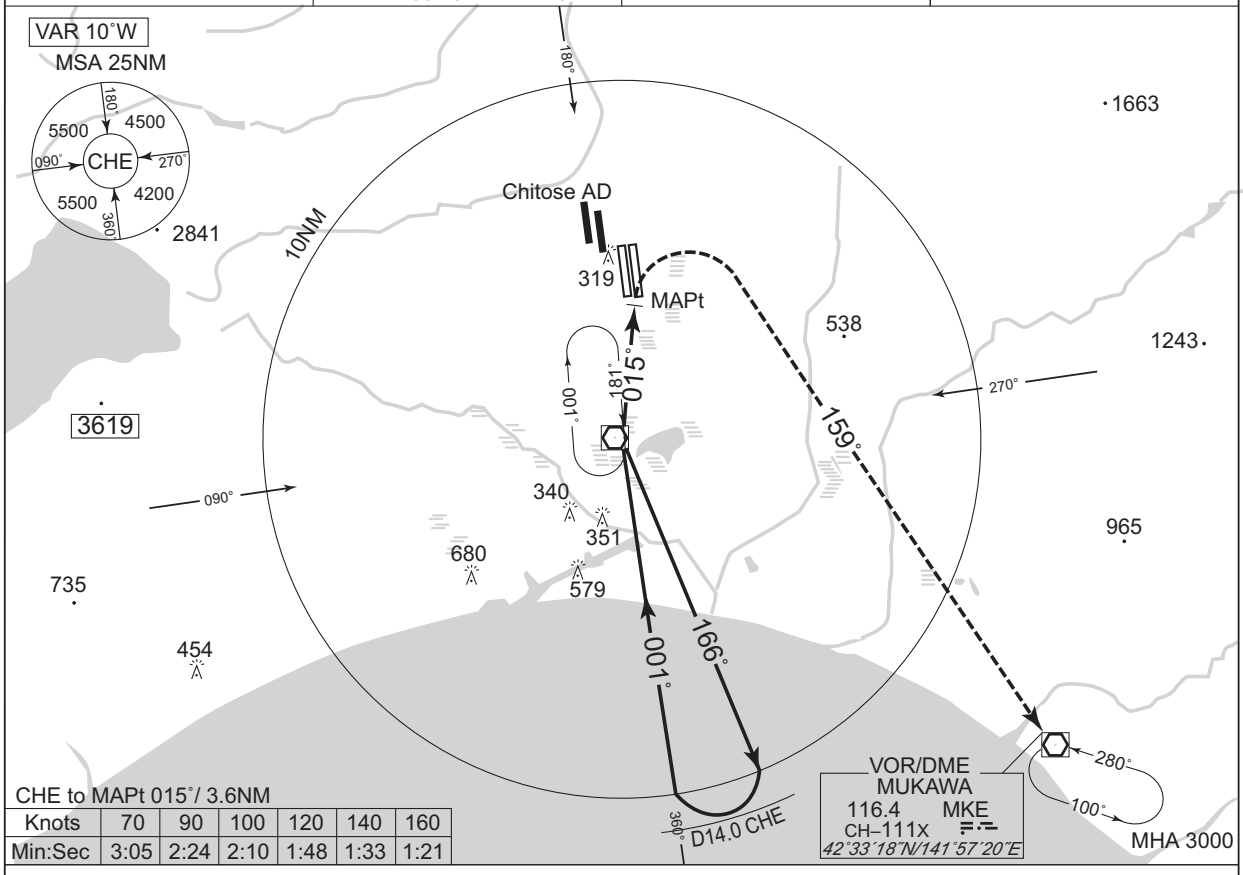
Circling to EAST side of RWY only.

CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJCC / NEW CHITOSE VOR A

CHITOSE APP	CHITOSE VOR/DME 116.9 CHE CH–116X 42°42′00″N/ 141°41′10″E	CHITOSE TOWER	RADAR AVBL
120.1 – 124.7		118.8 – 126.2 – 121.6G	ATIS 128.6



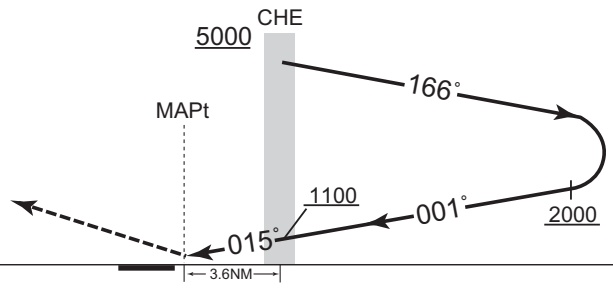
CHE to MAPt 015°/ 3.6NM

Knots	70	90	100	120	140	160
Min:Sec	3:05	2:24	2:10	1:48	1:33	1:21

Remain within 14.0NM of CHE

MISSED APPROACH

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

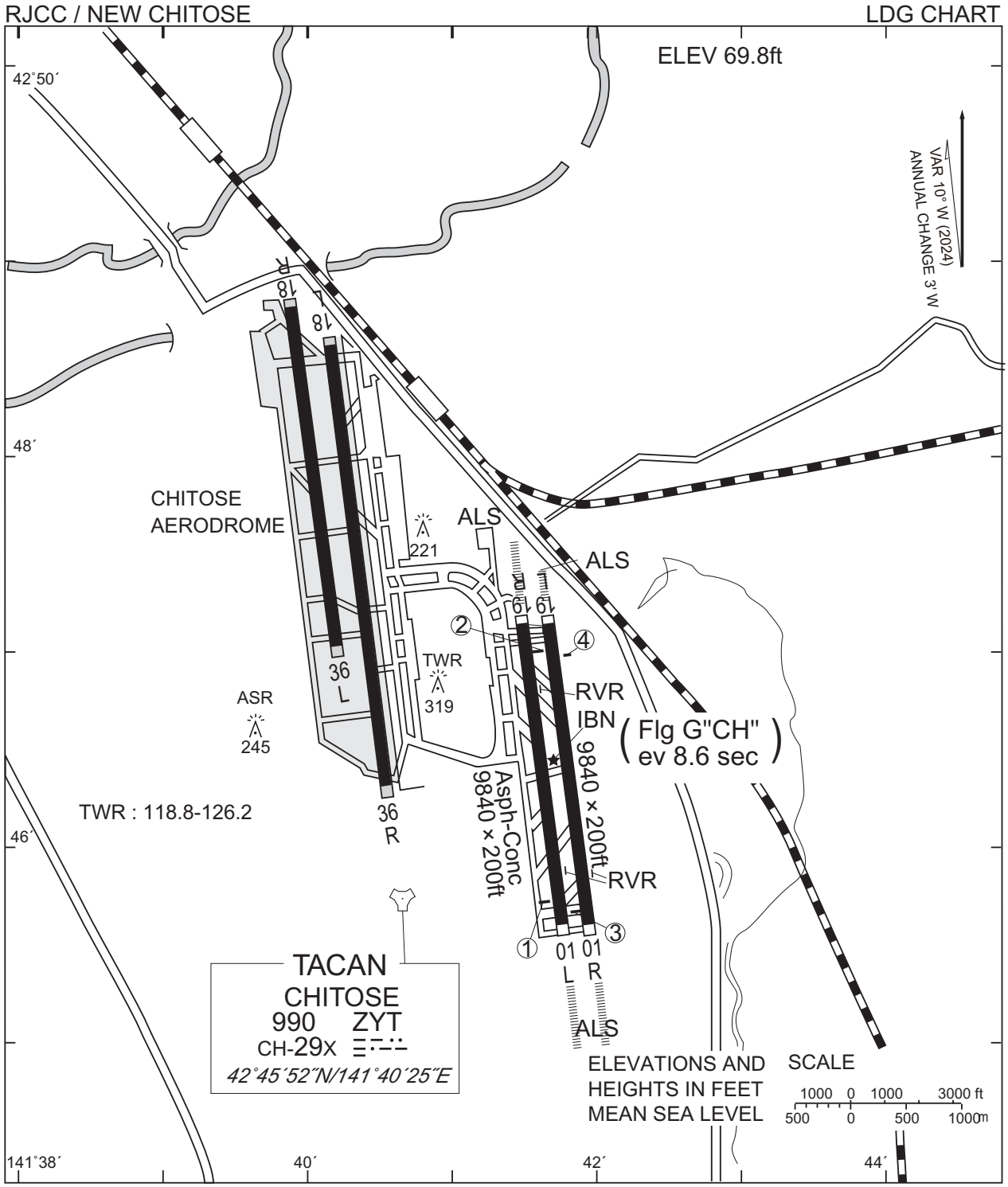


MINIMA AD elev. 70

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

Circling to EAST side of RWY only.

CHANGE : Description of VAR.



CHANGE: Shape of TWY A11, B11 installed. VAR.

① RWY01L:
Angle 3.0°
MEHT 20.0m(66ft)
402m inside fm THR

② RWY19R:
Angle 3.0°
MEHT 19.7m(65ft)
422m inside fm THR

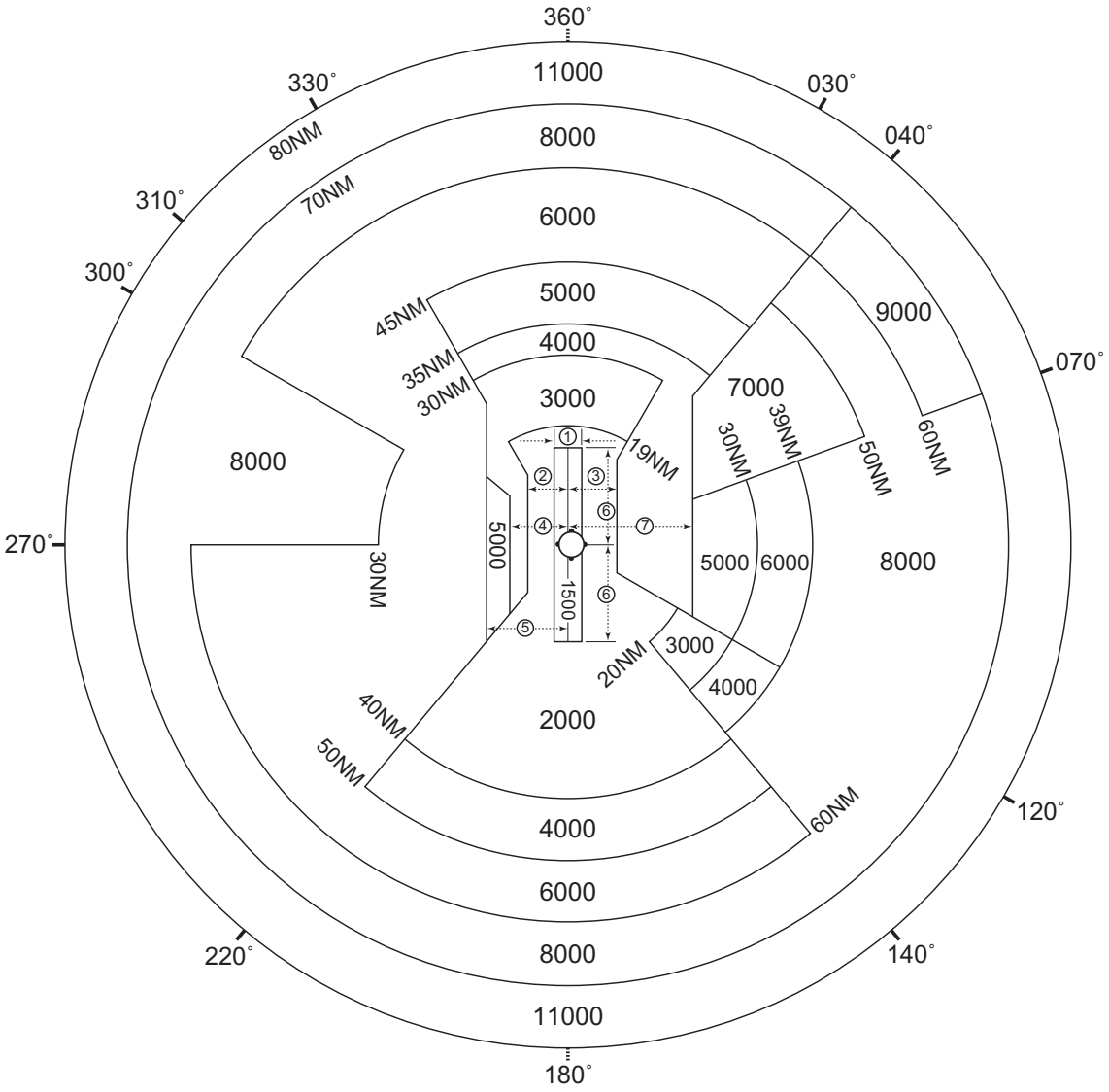
③ RWY01R:
Angle 3.0°
MEHT 20.2m(66ft)
401m inside fm THR

④ RWY19L:
Angle 3.0°
MEHT 20.3m(67ft)
441m inside fm THR

RWY Grooving
RWY 01L / 19R 3000m × 60m
RWY 01R / 19L 3000m × 60m

RJCC / NEW CHITOSE Minimum Vectoring Altitude CHART

VAR 10˚W (2024)



Each distances as follows,
① 4NM
② 6NM
③ 8NM
④ 9NM
⑤ 13NM
⑥ 15NM
⑦ 20NM

CENTER : *424740N/1413959E* (RJCJ ARP)

CHANGE: VAR.