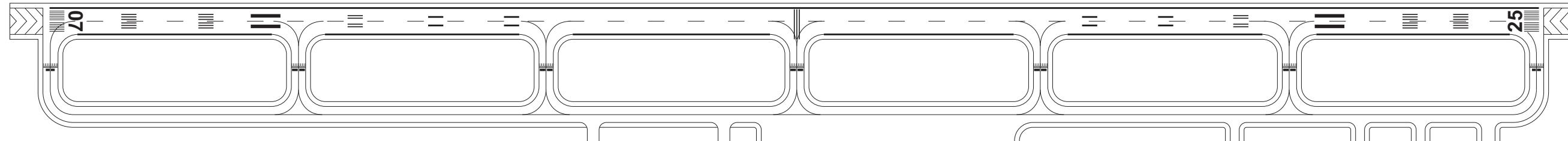
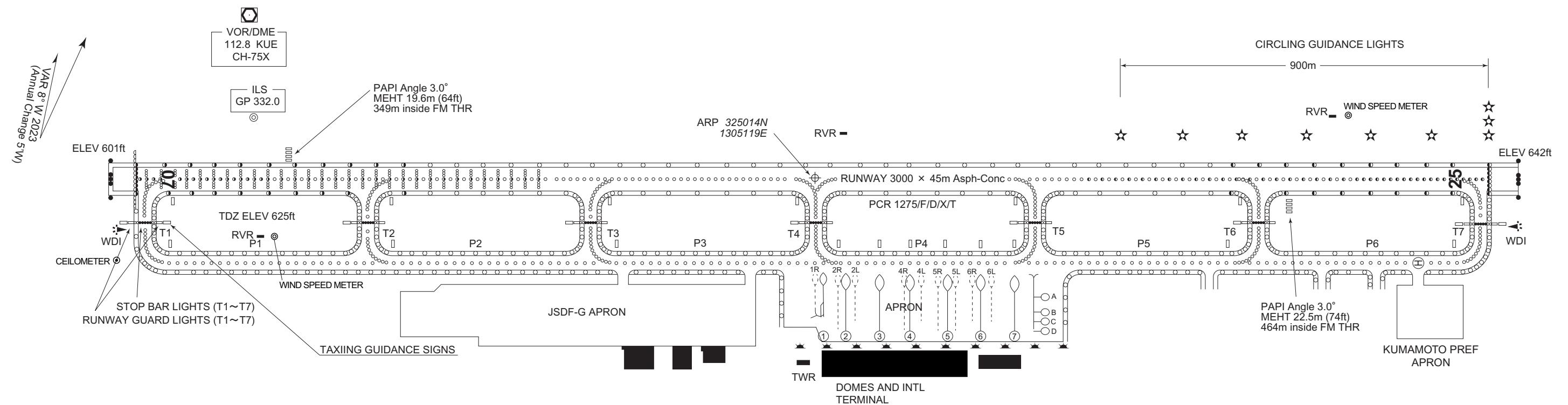


AERODROME CHART

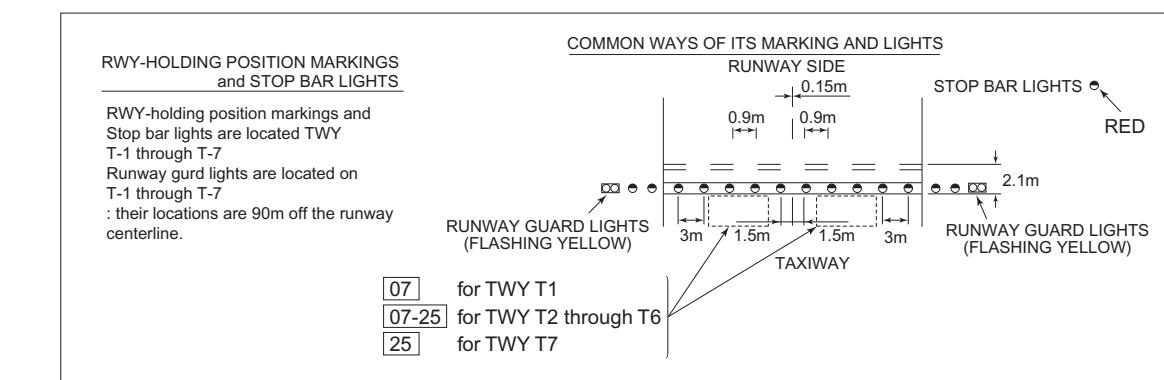
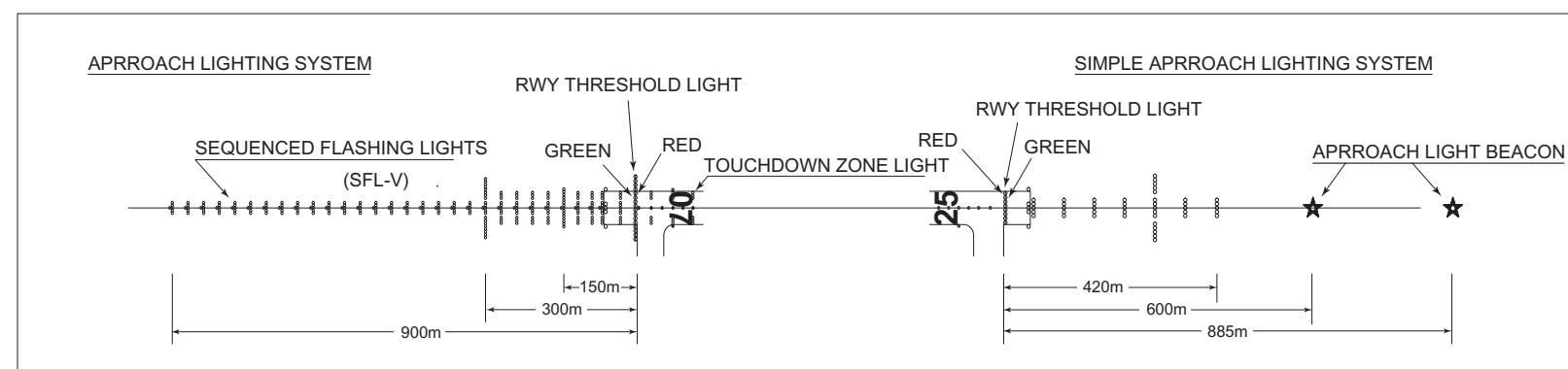
KUMAMOTO AIRPORT
ELEV 192.7m(632ft)



MARKING AIDS

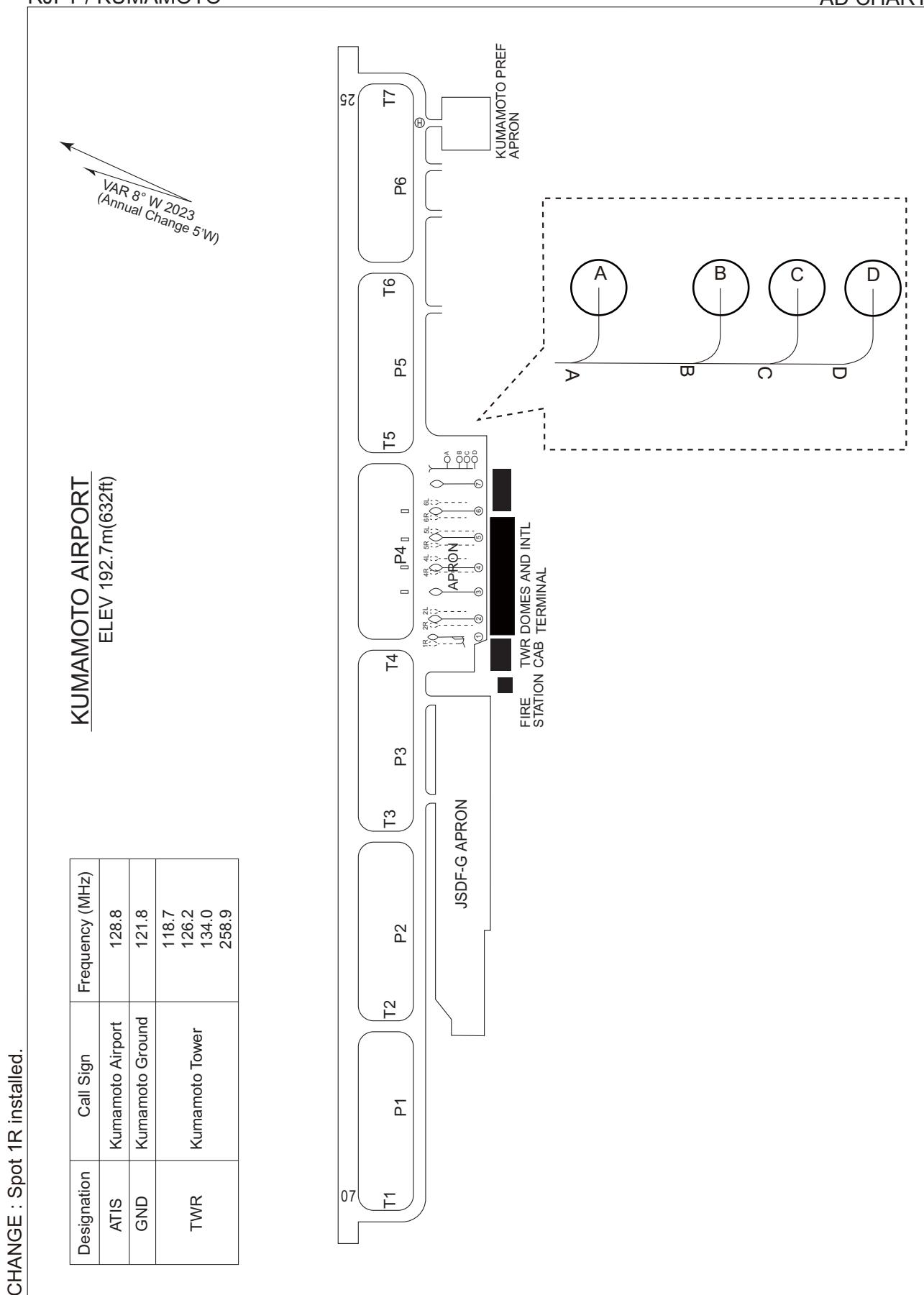


CHANGE : Spot 1R installed.



RJFT / KUMAMOTO

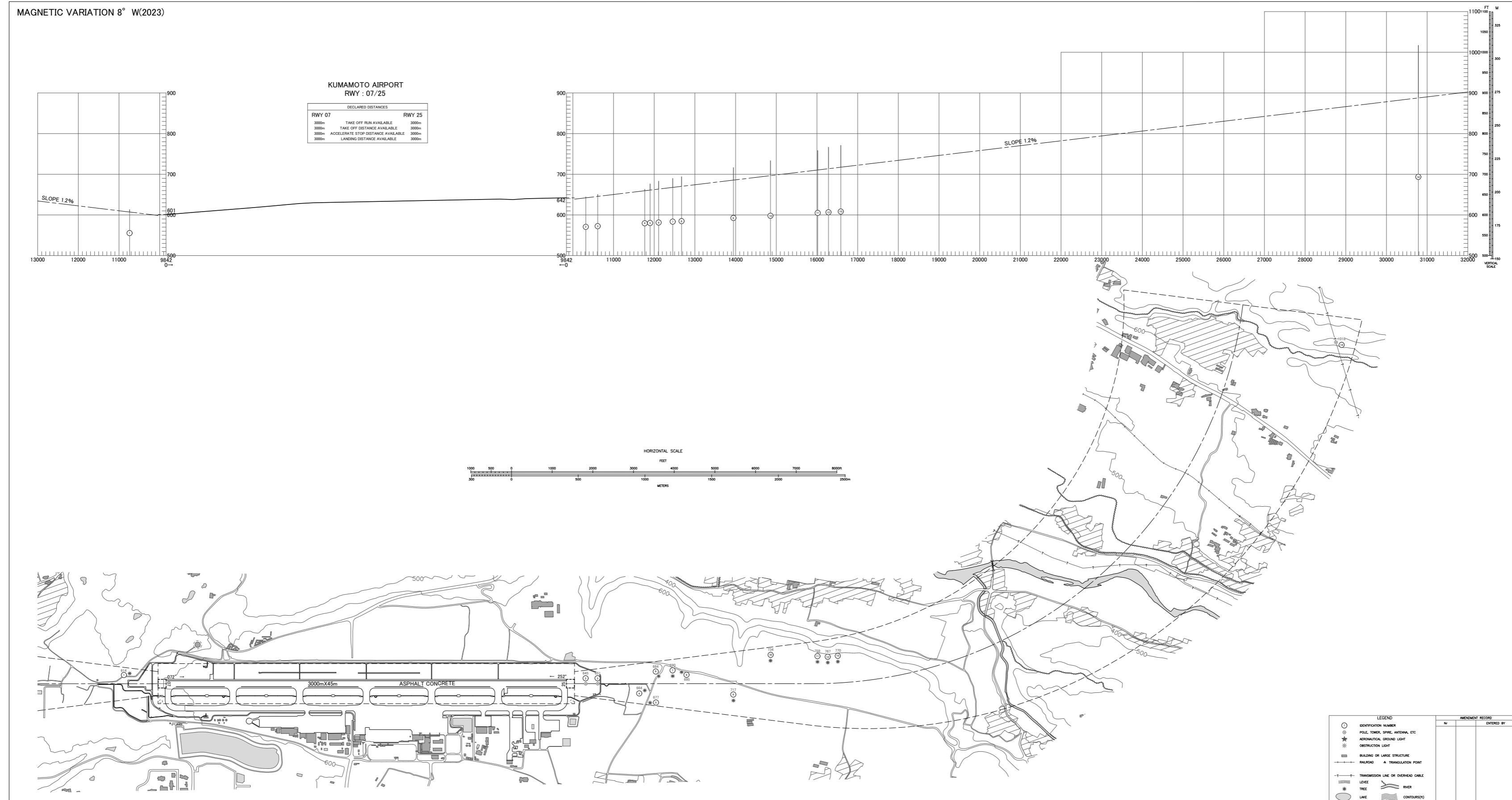
AD CHART



AERODROME OBSTACLE CHART-ICAO TYPE A (OPERATING LIMITATIONS)

DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

MAGNETIC VARIATION 8° W(2023)

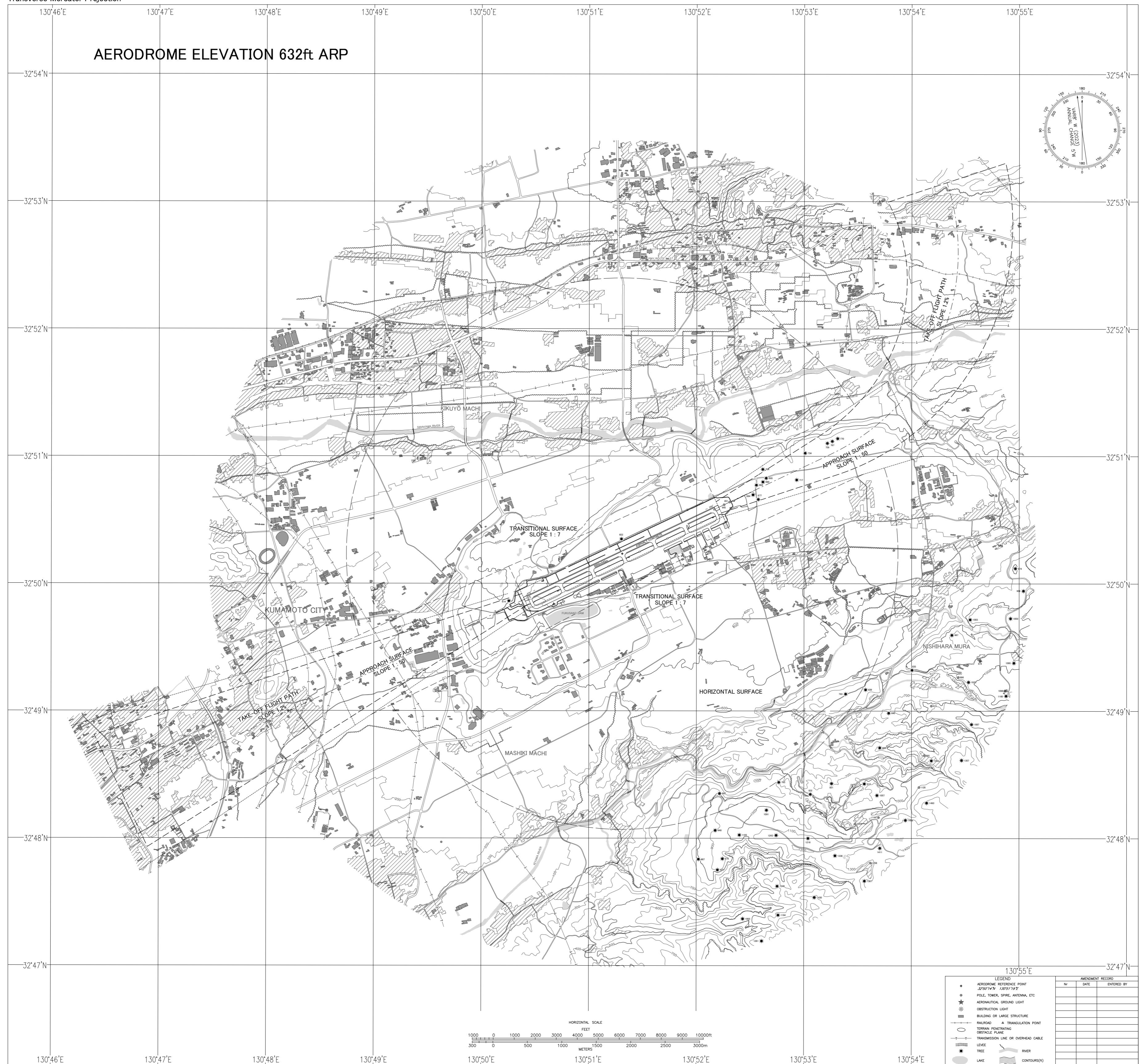


AERODROME OBSTACLE CHART-ICAO TYPE B

DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

Transverse Mercator Projection

AERODROME ELEVATION 632ft ARP



CHANGE : Update

PRECISION APPROACH TERRAIN CHART-ICAO



STANDARD DEPARTURE CHART-INSTRUMENT

RJFT / KUMAMOTO

SID and TRANSITION

KUMAMOTO REVERSAL SEVEN DEPARTURE

- RWY25 : Climb via KUE R251 to 3.0DME, turn left,...
RWY07 : Turn left, proceed direct to KUE VOR/DME,...
...climb via KUE R206 to RINDO, turn left to intercept and proceed via KUE R186 to KUE VOR/DME.
Cross RINDO at or above 7000FT, cross KUE R186/8.0DME at or above FL140.

Note RWY07 : 5.7% climb gradient required up to 2700FT.
OBST ALT 2362FT located at 6.0NM 034° FM end of RWY07.

RINDO FIVE DEPARTURE

- RWY25 : Climb via KUE R251 to 3.0DME, turn left,...
RWY07 : Turn left, proceed direct to KUE VOR/DME,...
...climb via KUE R206 to RINDO.
Cross RINDO at or above 7000FT.

Note RWY07 : 5.7% climb gradient required up to 2700FT.
OBST ALT 2362FT located at 6.0NM 034° FM end of RWY07.

MIYAZAKI TRANSITION

From over RINDO, turn left, proceed via KUE 25.0DME counterclockwise ARC to intercept and proceed via KUE R159/MZE R339 (MRA 8000FT) to MZE VOR/DME.

KAGOSHIMA TRANSITION

From over RINDO, turn left, proceed via HKC 45.0DME clockwise ARC to intercept and proceed via HKC R039 (MRA 9000FT) to HKC VORTAC.

MUSASHI TRANSITION

From over RINDO, turn left, proceed via KUE 25.0DME counterclockwise ARC to intercept and proceed via TFE R211 (MRA FL150) to TFE VOR/DME.

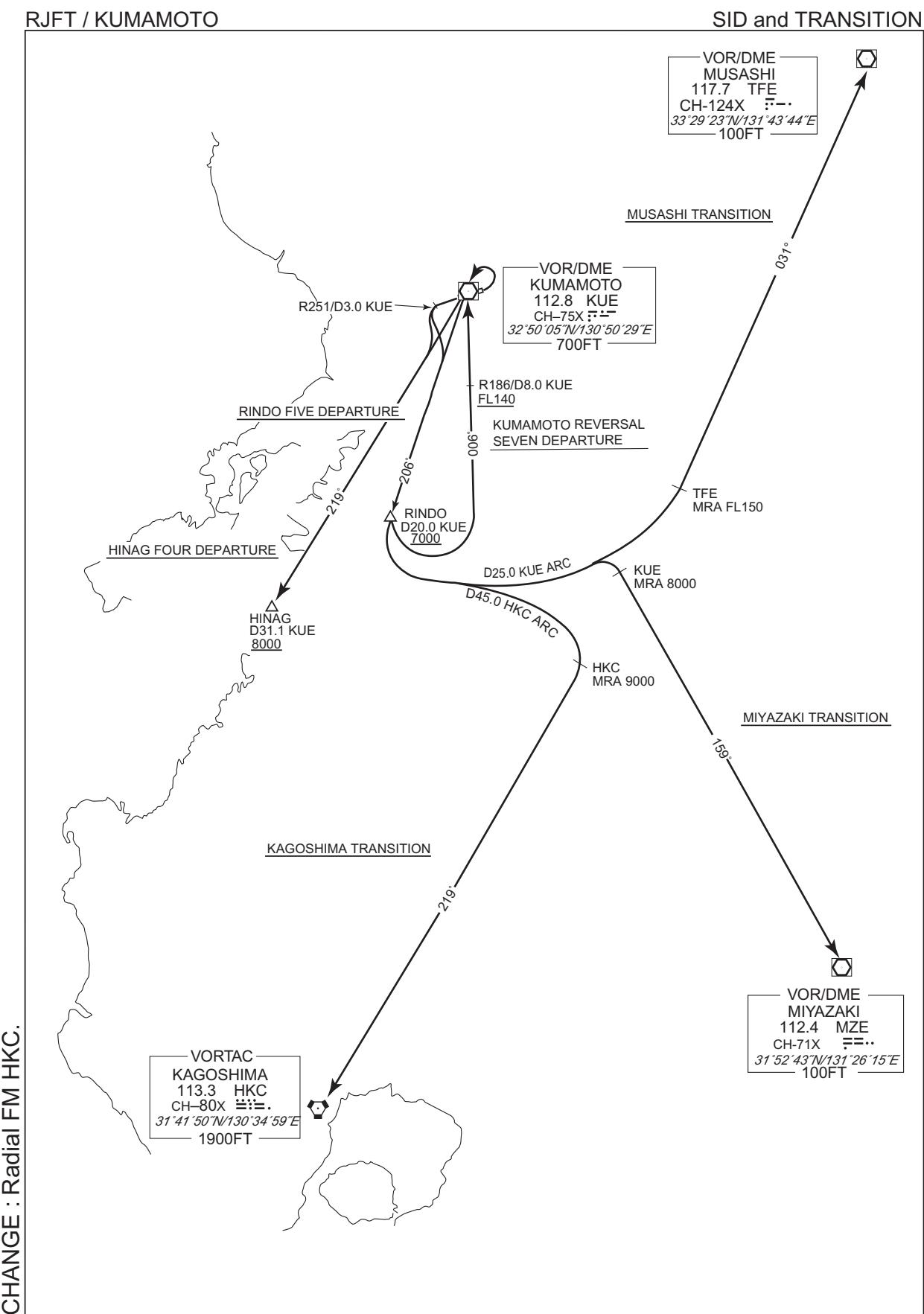
HINAG FOUR DEPARTURE

- RWY25 : Climb via KUE R251 to 3.0DME, turn left,...
RWY07 : Turn left, proceed direct to KUE VOR/DME,...
...climb via KUE R219 to HINAG.
Cross HINAG at or above 8000FT.

Note RWY07 : 5.7% climb gradient required up to 2700FT.
OBST ALT 2362FT located at 6.0NM 034° FM end of RWY07.

CHANGE : Radial FM HKC.

STANDARD DEPARTURE CHART-INSTRUMENT



STANDARD DEPARTURE CHART-INSTRUMENT

RJFT / KUMAMOTO

SID

IRUKA TWO DEPARTURE

RWY07 : Turn left, direct to KUE VOR/DME,...

RWY25 : Climb via KUE R251 to 3.0DME, turn left,...
...climb via KUE R228 to IRUKA.
Cross IRUKA at or above 4000FT.

Note RWY07 : 5.7% climb gradient required up to 2700FT.

OBST ALT 2362FT located at 6.0NM 034° FM end of RWY07.

CHANGE : Description of PROC name.

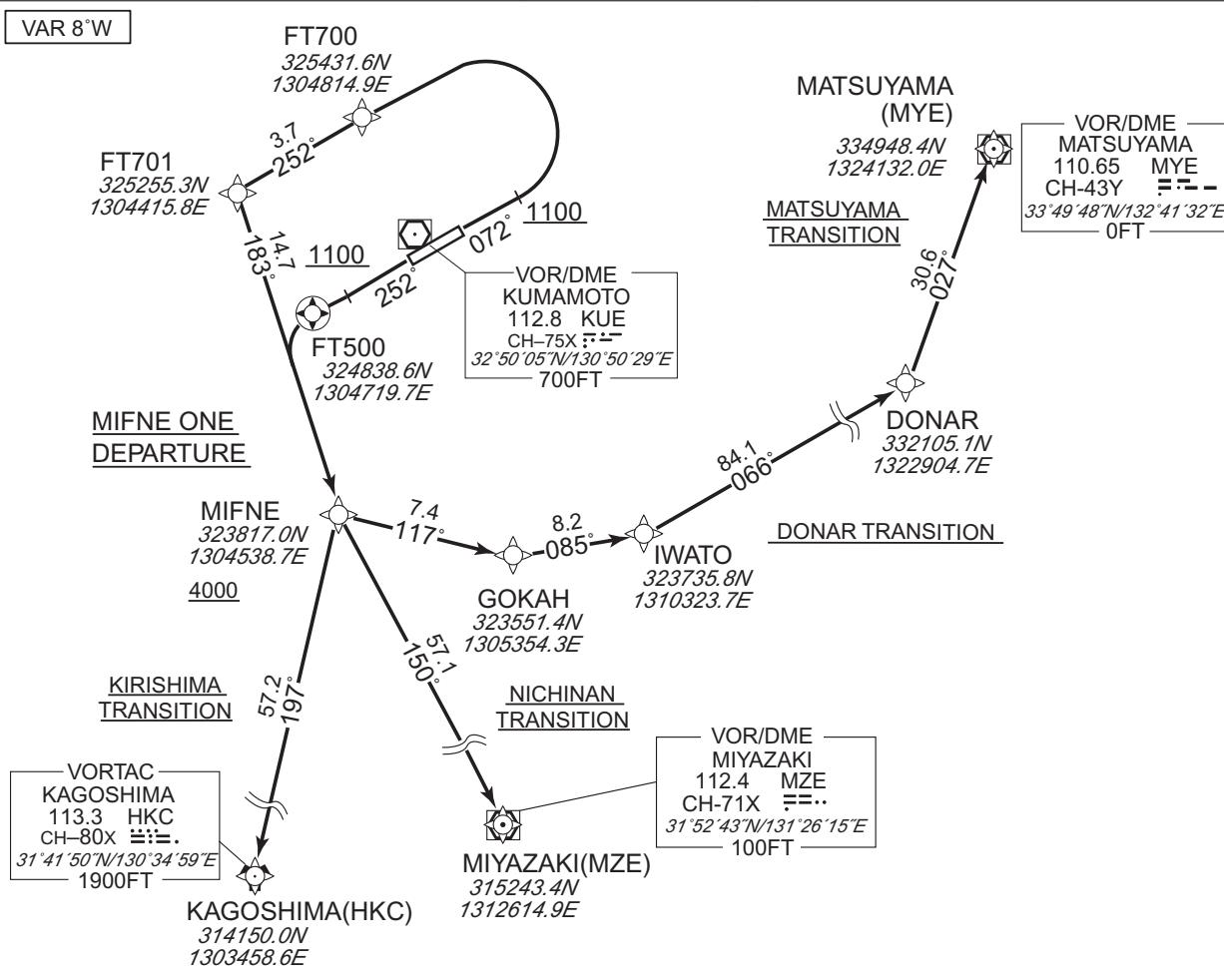


STANDARD DEPARTURE CHART-INSTRUMENT

RJFT / KUMAMOTO

RNAV SID and TRANSITION

| MIFNE ONE DEPARTURE DONAR TRANSITION / MATSUYAMA TRANSITION KIRISHIMA TRANSITION / NICHINAN TRANSITION | | RNAV 1 |
|--|-----------------------|---|
| <p>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.</p> <p>2) RADAR service required</p> | Critical DME | KIRISHIMA TRANSITION MZE : 14.0NM to HKC - HKC |
| | DME GAP | RWY07 : DER - FT701 RWY25 : DER - FT500 |
| | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1 |



MIFNE ONE DEPARTURE

RWY07 : Climb on HDG072° at or above 1100FT, turn left direct to FT700, to FT701, to MIFNE at or above 4000FT.

RWY25 : Climb on HDG252° at or above 1100FT, direct to FT500, turn left direct to MIFNE at or above 4000FT.

Note : RWY07 : 5.7% climb gradient required up to 2700FT.

OBST ALT 2362FT located at 6.0NM 034° FM end of RWY07.

DONOR TRANSITION

ONAR TRANSITION
From MIENE at or above 4000FT to GOKAH to IWATO to DONAB

MATSUYAMA TRANSITION

MIASUYAMA TRANSITION From MIENE at or above 4000FT to GOKAH to IWATO to DONAB to MYE

KIRISHIMA TRANSITION

IRISHIMA TRANSITION
From MIENE at or above 4000FT to HKC

FROM MELTECH TO above

ICHINAN TRANSITION
From MIENE at or above 4000FT to MZE

STANDARD DEPARTURE CHART-INSTRUMENT

| RJFT / KUMAMOTO | | | | | | | | | | | RNAV SID and TRANSITION | | |
|----------------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|--|--|
| MIFNE ONE DEPARTURE | | | | | | | | | | | | | |
| RWY07 | | | | | | | | | | | | | |
| 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 | - | - | 072 (064.5) | -7.6 | - | - | +1100 | - | - | RNAV1 | | |
| 002 | DF | FT700 | - | - | -7.6 | - | L | - | - | - | RNAV1 | | |
| 003 | TF | FT701 | - | 252 (244.4) | -7.6 | 3.7 | - | - | - | - | RNAV1 | | |
| 004 | TF | MIFNE | - | 183 (175.5) | -7.6 | 14.7 | - | +4000 | - | - | RNAV1 | | |
| RWY25 | | | | | | | | | | | | | |
| 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 | - | - | 252 (244.5) | -7.6 | - | - | +1100 | - | - | RNAV1 | | |
| 002 | DF | FT500 | Y | - | -7.6 | - | - | - | - | - | RNAV1 | | |
| 003 | DF | MIFNE | - | - | -7.6 | - | L | +4000 | - | - | RNAV1 | | |
| DONAR TRANSITION | | | | | | | | | | | | | |
| 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 | MIFNE | - | - | -7.6 | - | - | +4000 | - | - | RNAV1 | | |
| 002 | TF | GOKAH | - | 117 (109.2) | -7.6 | 7.4 | - | - | - | - | RNAV1 | | |
| 003 | TF | IWATO | - | 085 (077.7) | -7.6 | 8.2 | - | - | - | - | RNAV1 | | |
| 004 | TF | DONAR | - | 066 (058.4) | -7.6 | 84.1 | - | - | - | - | RNAV1 | | |
| MATSUYAMA TRANSITION | | | | | | | | | | | | | |
| 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 | MIFNE | - | - | -7.6 | - | - | +4000 | - | - | RNAV1 | | |
| 002 | TF | GOKAH | - | 117 (109.2) | -7.6 | 7.4 | - | - | - | - | RNAV1 | | |
| 003 | TF | IWATO | - | 085 (077.7) | -7.6 | 8.2 | - | - | - | - | RNAV1 | | |
| 004 | TF | DONAR | - | 066 (058.4) | -7.6 | 84.1 | - | - | - | - | RNAV1 | | |
| 005 | TF | MYE | - | 027 (019.8) | -7.6 | 30.6 | - | - | - | - | RNAV1 | | |
| KIRISHIMA TRANSITION | | | | | | | | | | | | | |
| 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 | MIFNE | - | - | -7.6 | - | - | +4000 | - | - | RNAV1 | | |
| 002 | TF | HKC | - | 197 (189.1) | -7.6 | 57.2 | - | - | - | - | RNAV1 | | |
| NICHINAN TRANSITION | | | | | | | | | | | | | |
| 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 | MIFNE | - | - | -7.6 | - | - | +4000 | - | - | RNAV1 | | |
| 002 | TF | MZE | - | 150 (142.8) | -7.6 | 57.1 | - | - | - | - | RNAV1 | | |

CHANGE : VAR. PROC course.

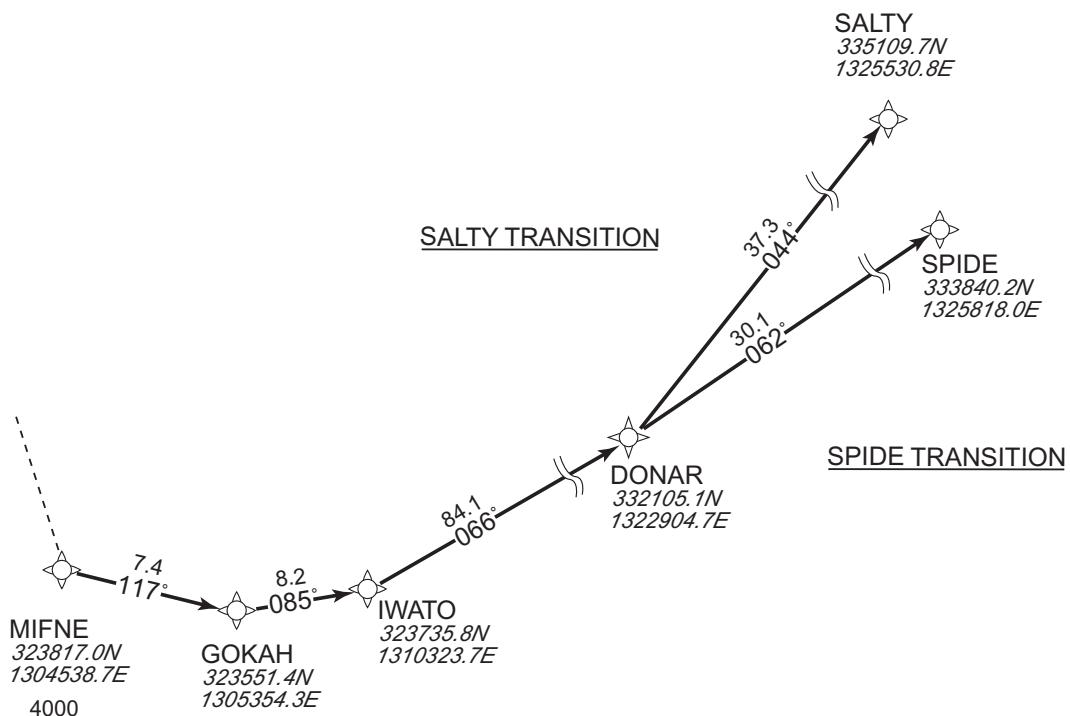
STANDARD DEPARTURE CHART-INSTRUMENT

RJFT / KUMAMOTO

RNAV TRANSITION

| SPIDE TRANSITION / SALTY 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 |

VAR 8° W



CHANGE : VAR. PROC course.

SPIDE TRANSITION

From MIFNE at or above 4000FT, to GOKAH, to IWATO, to DONAR, to SPIDE.

SALTY TRANSITION

From MIFNE at or above 4000FT, to GOKAH, to IWATO, to DONAR, to SALTY.

STANDARD DEPARTURE CHART-INSTRUMENT

RJFT / KUMAMOTO

RNAV TRANSITION

| SPIDE TRANSITION | | | | | | | | | | | | |
|------------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|--|
| 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 | MIFNE | - | - | -7.6 | - | - | +4000 | - | - | RNAV1 | |
| 002 | TF | GOKAH | - | 117 (109.2) | -7.6 | 7.4 | - | - | - | - | RNAV1 | |
| 003 | TF | IWATO | - | 085 (077.7) | -7.6 | 8.2 | - | - | - | - | RNAV1 | |
| 004 | TF | DONAR | - | 066 (058.4) | -7.6 | 84.1 | - | - | - | - | RNAV1 | |
| 005 | TF | SPIDE | - | 062 (054.1) | -7.6 | 30.1 | - | - | - | - | RNAV1 | |

SALTY TRANSITION

| 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 | MIFNE | - | - | -7.6 | - | - | +4000 | - | - | RNAV1 |
| 002 | TF | GOKAH | - | 117 (109.2) | -7.6 | 7.4 | - | - | - | - | RNAV1 |
| 003 | TF | IWATO | - | 085 (077.7) | -7.6 | 8.2 | - | - | - | - | RNAV1 |
| 004 | TF | DONAR | - | 066 (058.4) | -7.6 | 84.1 | - | - | - | - | RNAV1 |
| 005 | TF | SALTY | - | 044 (036.1) | -7.6 | 37.3 | - | - | - | - | RNAV1 |

CHANGE : VAR. PROC course.

STANDARD ARRIVAL CHART-INSTRUMENT

RJFT / KUMAMOTO

STAR

MISMI SOUTH ARRIVAL

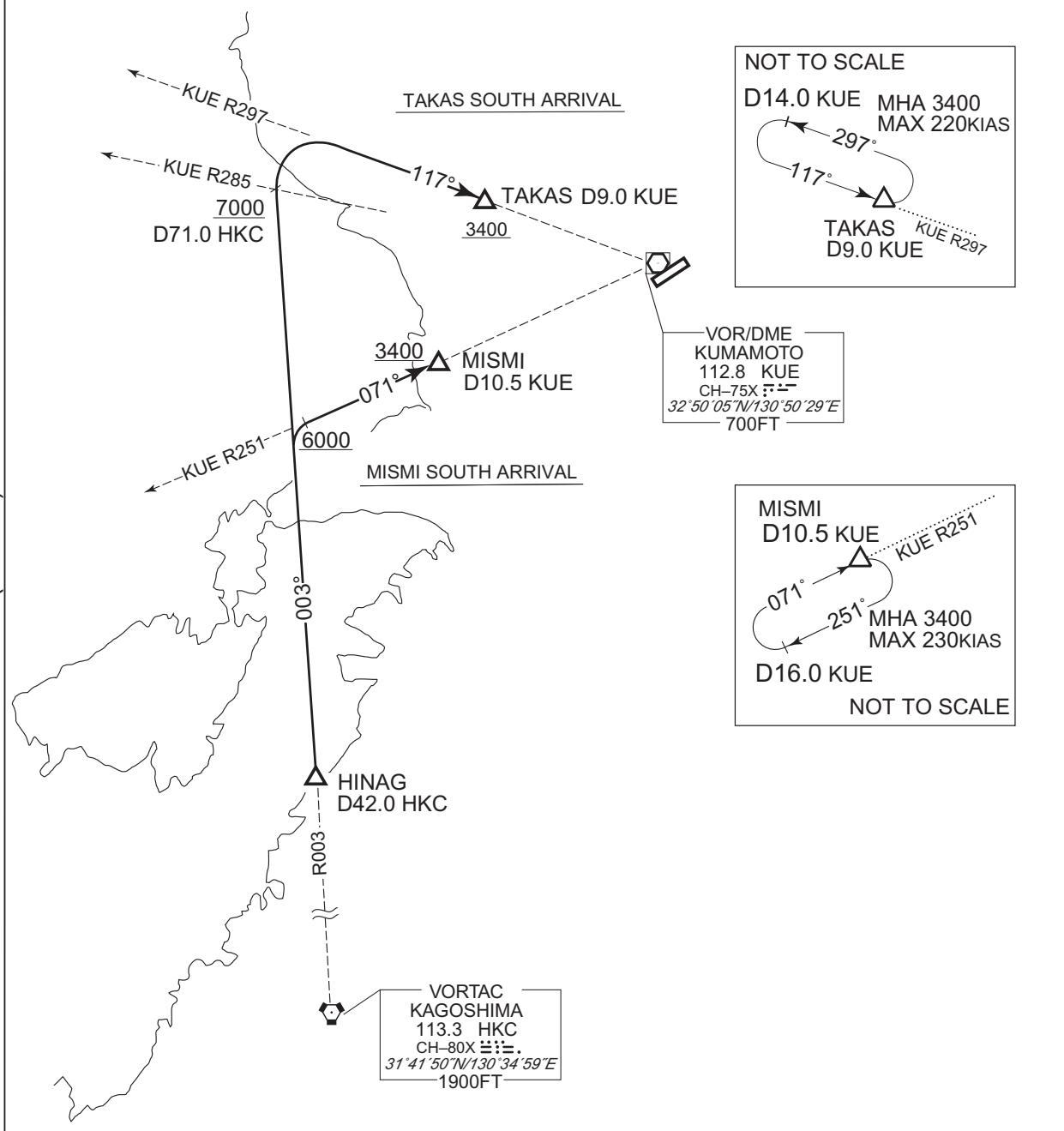
From over HINAG, proceed via HKC R003 to intercept and proceed via KUE R251 to MISMI. Maintain 6000FT or above until intercepting KUE R251, cross MISMI at or above 3400FT.

TAKAS SOUTH ARRIVAL

From over HINAG, proceed via HKC R003 until HKC 71.0DME (KUE R285), turn right to intercept and proceed via KUE R297 to TAKAS.

Cross HKC R003/71.0DME(KUE R285) at or above 7000FT, cross TAKAS at or above 3400FT.

CHANGE : Radial FM HKC. DIST FM HKC(HINAG).



STANDARD ARRIVAL CHART-INSTRUMENT

RJFT / KUMAMOTO

STAR

MISMI EAST ARRIVAL

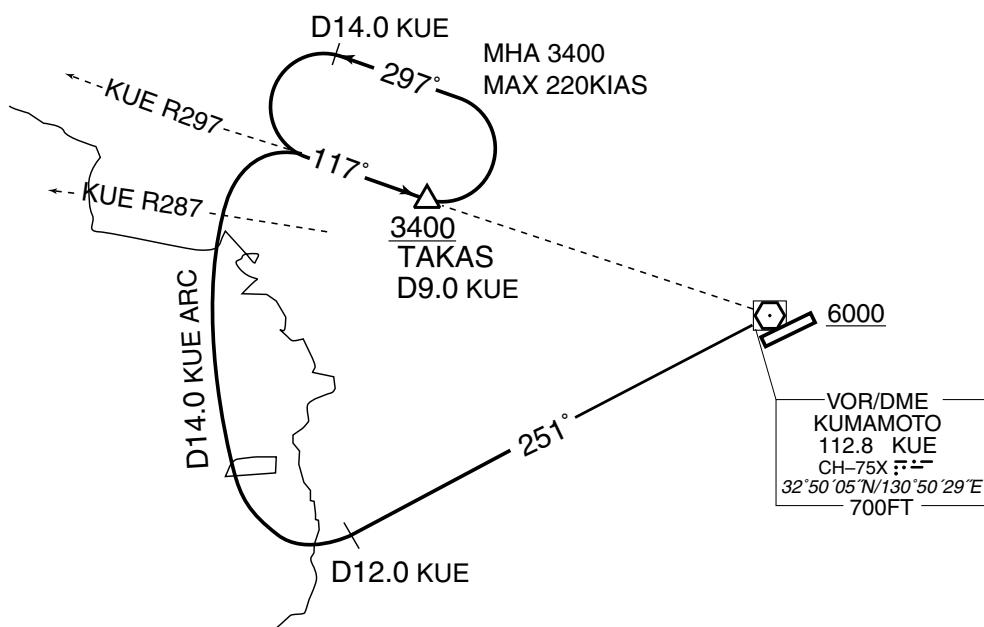
From over KUE VOR/DME, proceed via KUE R297 to KUE 12.0DME, turn left, proceed via KUE 14.0DME counterclockwise ARC to intercept and proceed via KUE R251 to MISMI.

Cross KUE VOR/DME at or above 6000FT, cross MISMI at or above 3400FT.

TAKAS EAST ARRIVAL

From over KUE VOR/DME, proceed via KUE R251 to KUE 12.0DME, turn right, proceed via KUE 14.0DME clockwise ARC to intercept and proceed via KUE R297 to TAKAS.

Cross KUE VOR/DME at or above 6000FT, cross TAKAS at or above 3400FT.



STANDARD ARRIVAL CHART-INSTRUMENT

RJFT / KUMAMOTO

RNAV STAR RWY07

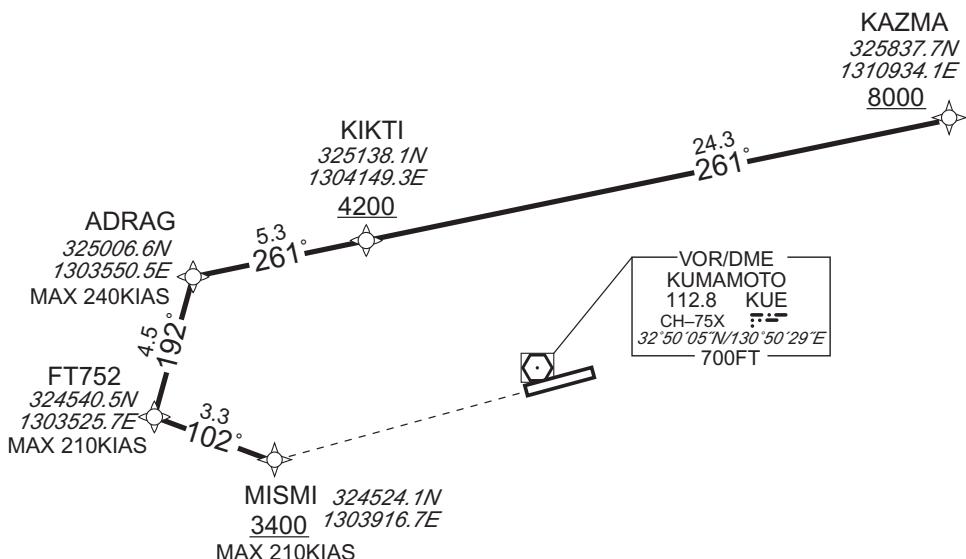
KAZMA ARRIVAL

RNAV1

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

2) RADAR service required.

VAR 8°W



From KAZMA at or above 8000FT, to KIKTI at or above 4200FT, to ADRAG, to FT752, to MISMI at or above 3400FT.

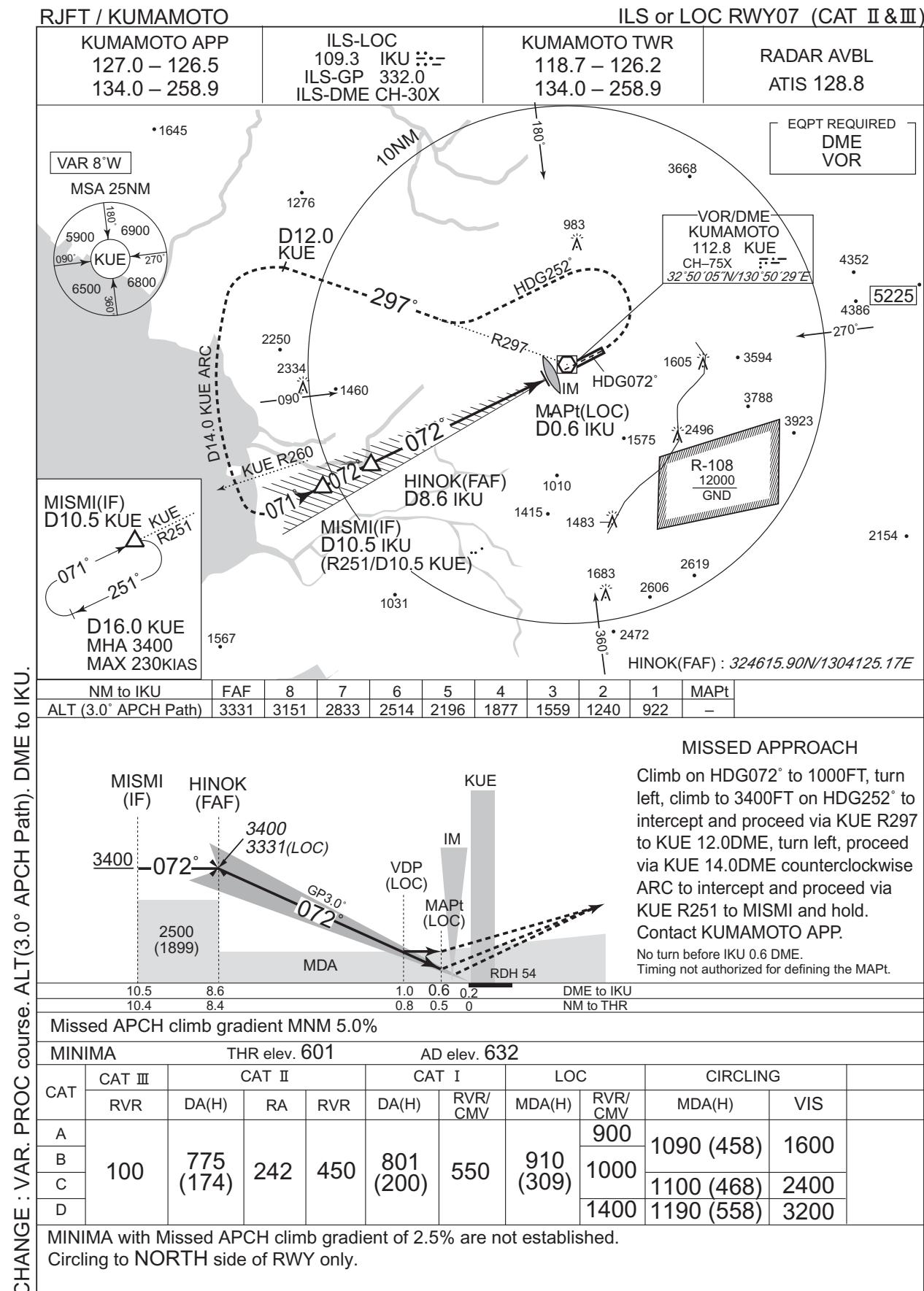
| | |
|----------------------------------|---|
| Critical DME | SGE : 20NM to KIKTI – 8NM to KIKTI 5NM to ADRAG – FT752 KUE : 12NM to KIKTI – 8NM to KIKTI 5NM to ADRAG – 2NM to ADRAG |
| DME GAP Inappropriate Navaids | 8NM to KIKTI – 5NM to ADRAG See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1. |

CHANGE : ADRAG established. FT751 abolished.

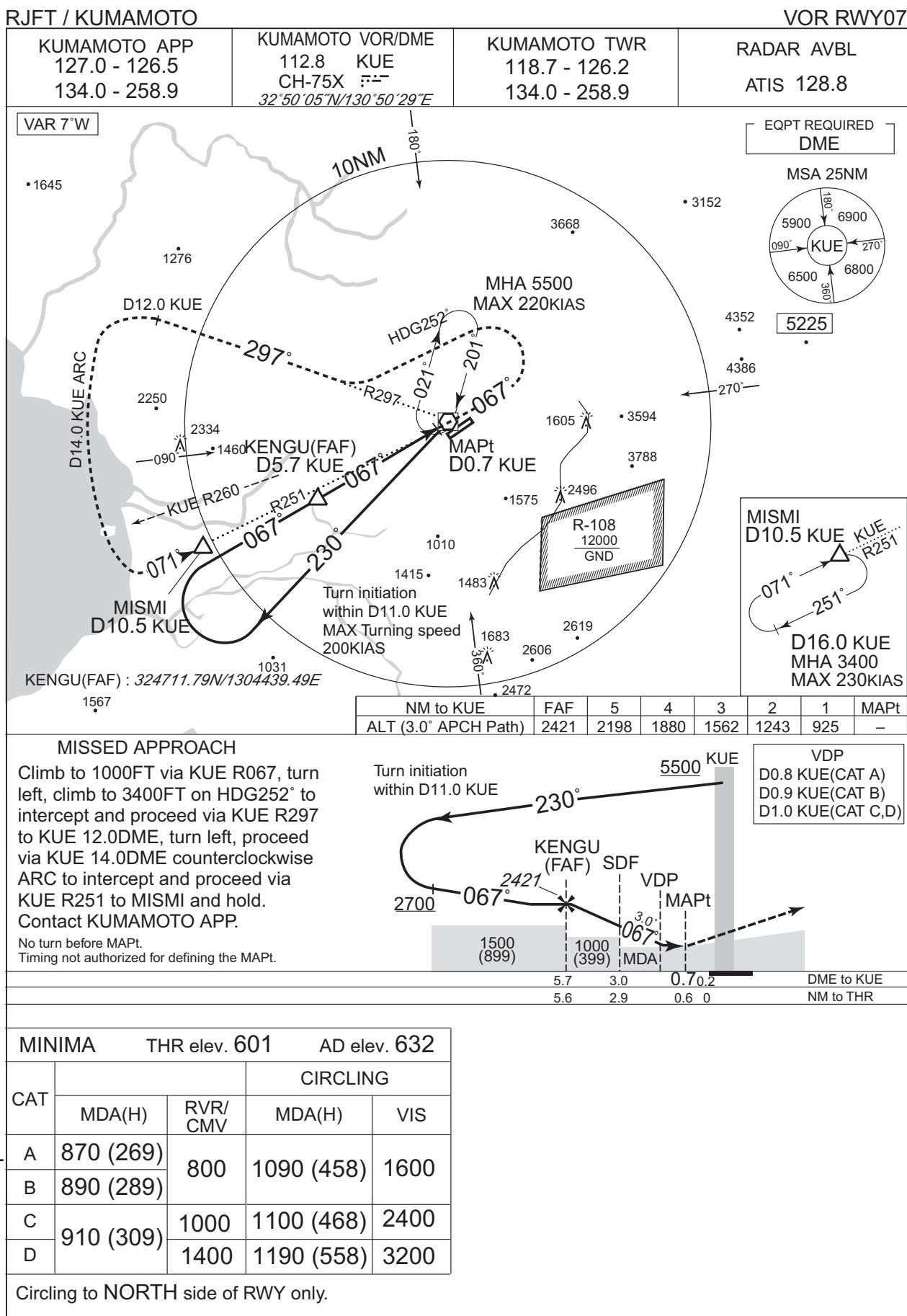
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | IF | KAZMA | – | – | -7.6 | – | – | +8000 | – | – | RNAV1 |
| 002 | TF | KIKTI | – | 261 (253.4) | -7.6 | 24.3 | – | +4200 | – | – | RNAV1 |
| 003 | TF | ADRAG | – | 261 (253.2) | -7.6 | 5.3 | – | – | -240 | – | RNAV1 |
| 004 | TF | FT752 | – | 192 (184.5) | -7.6 | 4.5 | – | – | -210 | – | RNAV1 |
| 005 | TF | MISMI | – | 102 (094.8) | -7.6 | 3.3 | – | +3400 | -210 | – | RNAV1 |

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INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



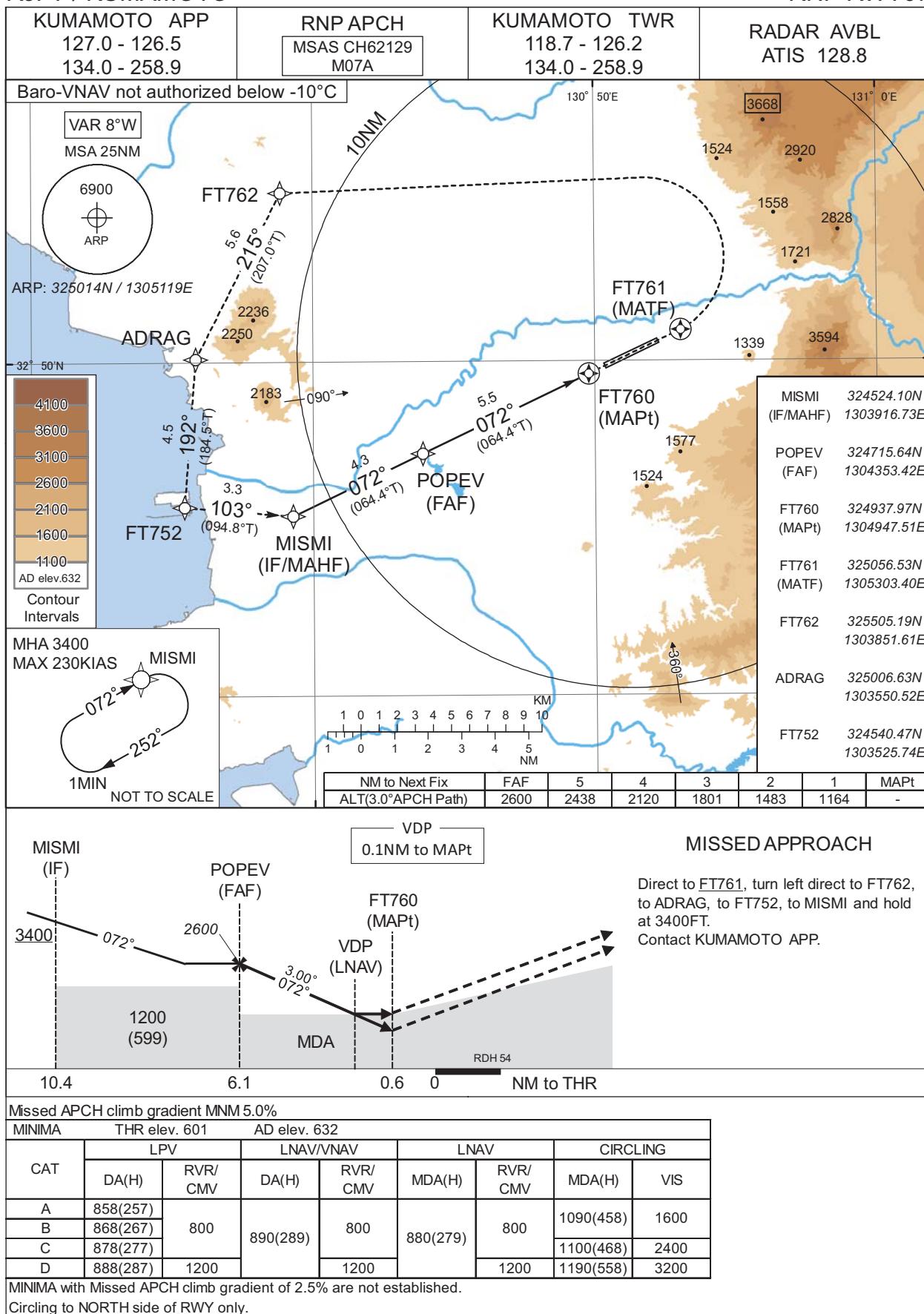
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJFT / KUMAMOTO

RNP RWY07



CHANGE : New PROC

INSTRUMENT APPROACH CHART

RJFT / KUMAMOTO

RNP RWY07

FAS DATA BLOCK

| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +02153 |
| SBAS service provider identifier | 2 | FPAP latitude | 325035.2220N |
| Airport identifier | RJFT | FPAP longitude | 1305210.3335E |
| Runway | 07 | Threshold crossing height | 00016.4 |
| Approach performance designator | 0 | TCH units selector | 1 |
| Route indicator | | Glide path angle | 03.00 |
| Reference path data selector | 0 | Course width at threshold | 105.00 |
| Reference path ID | M07A | △ length offset | 0000 |
| LTP/FTP latitude | 324953.4390N | HAL | 40.0 |
| LTP/FTP longitude | 1305026.1345E | VAL | 50.0 |
| CRC remainder | 5C458595 | | |

Required additional data

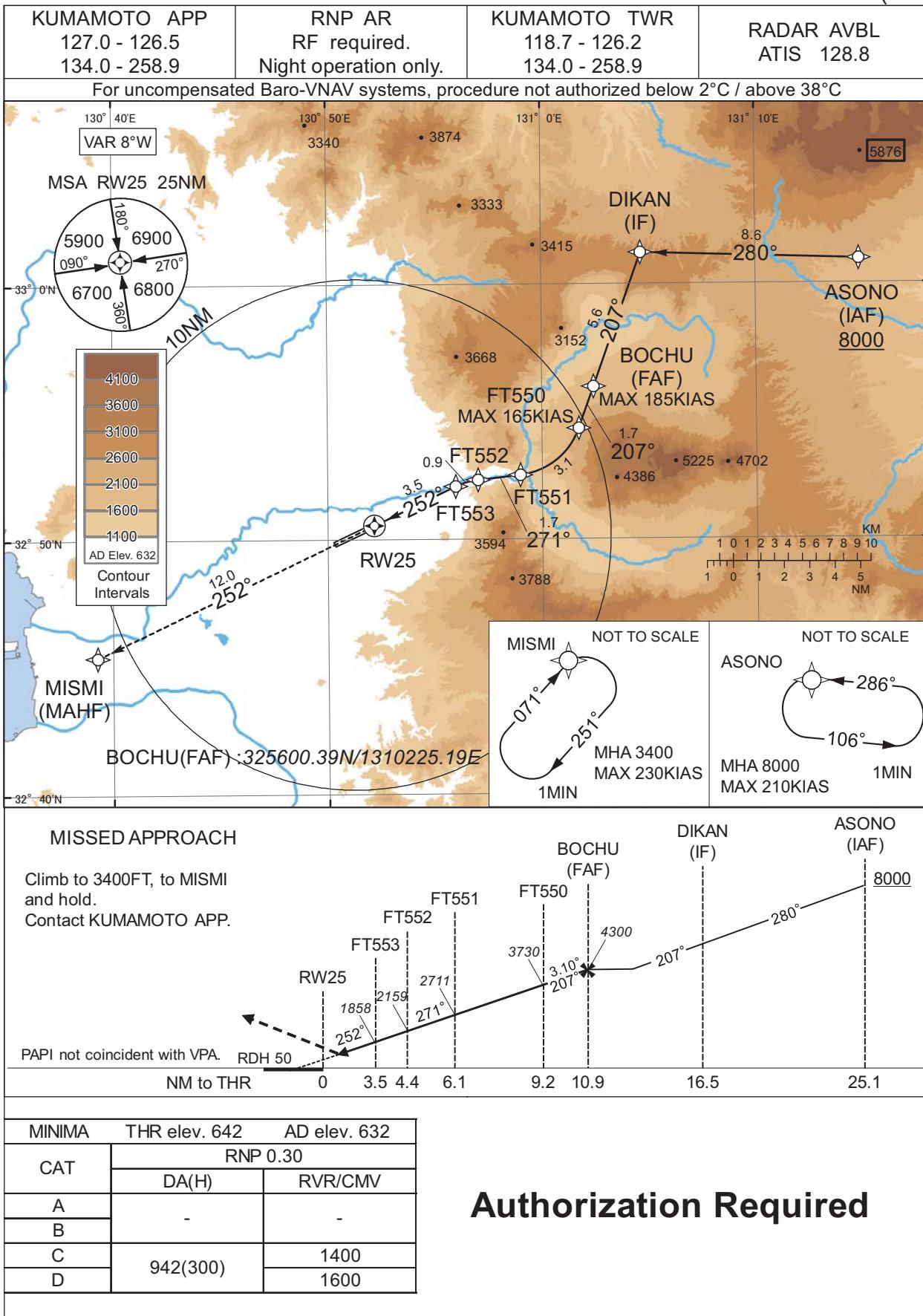
| | |
|----------------------------|-------|
| LTP/FTP orthometric height | 182.5 |
|----------------------------|-------|

CHANGE : New PROC.

INSTRUMENT APPROACH CHART

RJFT / KUMAMOTO

RNP Z RWY25(AR)



INSTRUMENT APPROACH CHART

RJFT / KUMAMOTO

RNP Z RWY25(AR)

Coding Table

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH (°/FT) | RNP Value |
|---------------|---------------------------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|-----------------|-----------|
| 001 | IF | ASONO | - | - | -7.6 | - | - | +8000 | - | - | - |
| 002 | TF | DIKAN | - | 280 (272.0) | -7.6 | 8.6 | - | - | - | - | 1.0 |
| 003 | TF | BOCHU | - | 207 (199.6) | -7.6 | 5.6 | - | 4300 | -185 | - | 1.0 |
| 004 | TF | FT550 | - | 207 (199.6) | -7.6 | 1.7 | - | 3730 | -165 | -3.10 | 0.3 |
| 005 | RF Center: FTRF1 r=2.77NM | FT551 | - | - | -7.6 | 3.1 | R | 2711 | - | -3.10 | 0.3 |
| 006 | TF | FT552 | - | 271 (263.6) | -7.6 | 1.7 | - | 2159 | - | -3.10 | 0.3 |
| 007 | RF Center: FTRF2 r=2.77NM | FT553 | - | - | -7.6 | 0.9 | L | 1858 | - | -3.10 | 0.3 |
| 008 | TF | RW25 | Y | 252 (244.5) | -7.6 | 3.5 | - | 692 | - | -3.10/50 | 0.3 |
| 009 | TF | MISMI | - | 252 (244.5) | -7.6 | 12.0 | - | 3400 | - | - | 1.0 |

| Path | Waypoint Identifier | Inbound Course °M(°T) | Magnetic Variation | Outbound Time (MIN) | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS) | RNP Value |
|------|---------------------|-----------------------|--------------------|---------------------|----------------|-----------------------|-----------------------|---------------|-----------|
| Hold | ASONO | 286 (278.5) | -7.6 | 1.0 (-14000) | L | 8000 | FL140 | -210 (-14000) | 1.0 |
| Hold | MISMI | 071 (063.5) | -7.6 | 1.0 (-14000) | R | 3400 | FL140 | -230 (-14000) | 1.0 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|--------------------------|--------------------------|--------------------------|
| ASONO | 330058.11N / 1311449.42E | FTRF1 | 325518.34N / 1305837.73E |
| DIKAN | 330115.22N / 1310438.68E | FTRF2 | 324936.20N / 1305722.87E |
| BOCHU | 325600.39N / 1310225.19E | | |
| FT550 | 325422.38N / 1310143.69E | | |
| FT551 | 325232.83N / 1305859.64E | | |
| FT552 | 325221.62N / 1305700.92E | | |
| FT553 | 325206.61N / 1305558.39E | | |
| RW25 | 325035.24N / 1305210.28E | | |
| MISMI | 324524.10N / 1303916.73E | | |

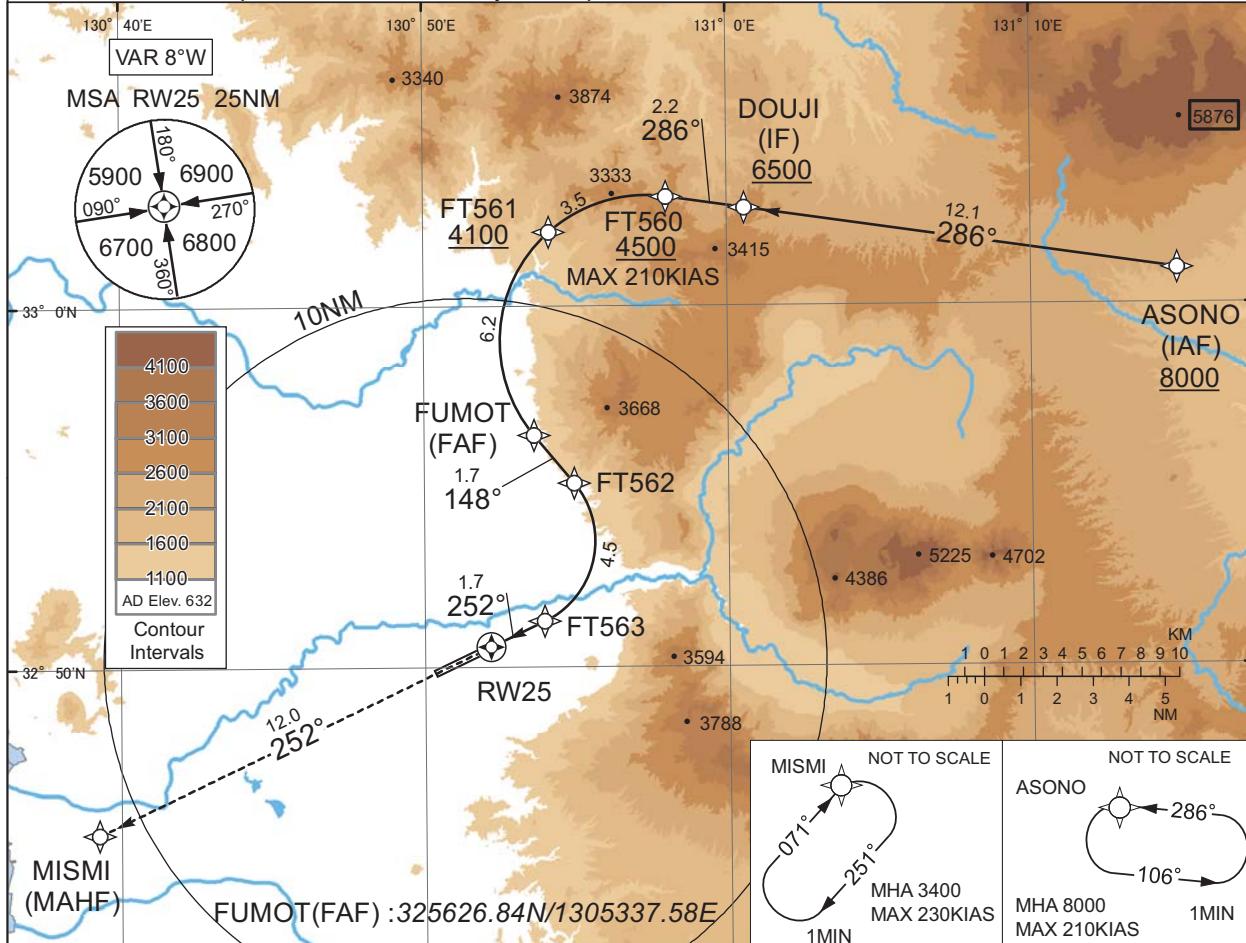
INSTRUMENT APPROACH CHART

RJFT / KUMAMOTO

RNP Y RWY25(AR)

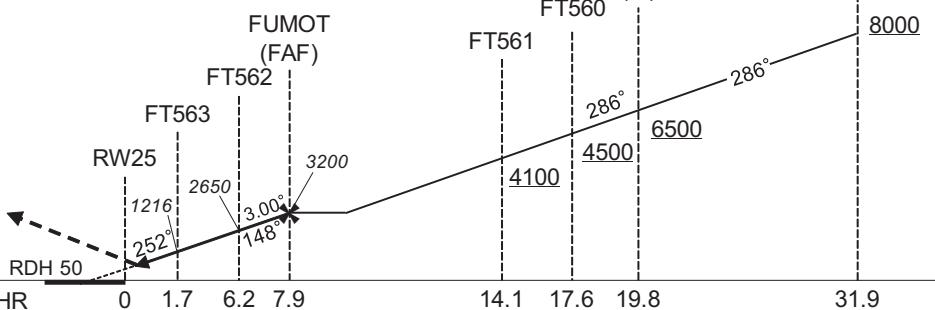
| | | | |
|--|------------------------|--|--------------------------|
| KUMAMOTO APP 127.0 - 126.5 134.0 - 258.9 | RNP AR RF required. | KUMAMOTO TWR 118.7 - 126.2 134.0 - 258.9 | RADAR AVBL ATIS 128.8 |
|--|------------------------|--|--------------------------|

For uncompensated Baro-VNAV systems, procedure not authorized below -4°C / above 45°C



MISSSED APPROACH

Climb to 3400FT, to MISMI and hold.
Contact KUMAMOTO APP.



| MINIMA | THR elev. 642 | AD elev. 632 |
|----------|---------------|--------------|
| RNP 0.30 | | |
| CAT | DA(H) | RVR/CMV |
| A | - | - |
| B | | |
| C | 942(300) | 1400 |
| D | | 1600 |

Authorization Required

INSTRUMENT APPROACH CHART

RJFT / KUMAMOTO

RNP Y RWY25(AR)

Coding Table

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH (°/FT) | RNP Value |
|---------------|---------------------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|-----------------|-----------|
| 001 | IF | ASONO | - | - | -7.6 | - | - | +8000 | - | - | - |
| 002 | TF | DOUJI | - | 286 (278.4) | -7.6 | 12.1 | - | +6500 | - | - | 1.0 |
| 003 | TF | FT560 | - | 286 (278.3) | -7.6 | 2.2 | - | +4500 | -210 | - | 1.0 |
| 004 | RF Center: FTRF3 r=4.04NM | FT561 | - | - | -7.6 | 3.5 | L | +4100 | - | - | 1.0 |
| 005 | RF Center: FTRF3 r=4.04NM | FUMOT | - | - | -7.6 | 6.2 | L | 3200 | - | - | 0.7 |
| 006 | TF | FT562 | - | 148 (140.4) | -7.6 | 1.7 | - | 2650 | - | -3.00 | 0.3 |
| 007 | RF Center: FTRF4 r=2.47NM | FT563 | - | - | -7.6 | 4.5 | R | 1216 | - | -3.00 | 0.3 |
| 008 | TF | RW25 | Y | 252 (244.5) | -7.6 | 1.7 | - | 692 | - | -3.00/50 | 0.3 |
| 009 | TF | MISMI | - | 252 (244.5) | -7.6 | 12.0 | - | 3400 | - | - | 1.0 |

| Path | Waypoint Identifier | Inbound Course °M(°T) | Magnetic Variation | Outbound Time (MIN) | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS) | RNP Value |
|------|---------------------|-----------------------|--------------------|---------------------|----------------|-----------------------|-----------------------|---------------|-----------|
| Hold | ASONO | 286 (278.5) | -7.6 | 1.0 (-14000) | L | 8000 | FL140 | -210 (-14000) | 1.0 |
| Hold | MISMI | 071 (063.5) | -7.6 | 1.0 (-14000) | R | 3400 | FL140 | -230 (-14000) | 1.0 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|--------------------------|--------------------------|--------------------------|
| ASONO | 330058.11N / 1311449.42E | FTRF3 | 325902.05N / 1305719.25E |
| DOUJI | 330243.56N / 1310035.13E | FTRF4 | 325331.98N / 1305240.81E |
| FT560 | 330302.45N / 1305800.60E | | |
| FT561 | 330204.49N / 1305408.90E | | |
| FUMOT | 325626.84N / 1305337.58E | | |
| FT562 | 325506.96N / 1305456.29E | | |
| FT563 | 325117.72N / 1305356.28E | | |
| RW25 | 325035.24N / 1305210.28E | | |
| MISMI | 324524.10N / 1303916.73E | | |

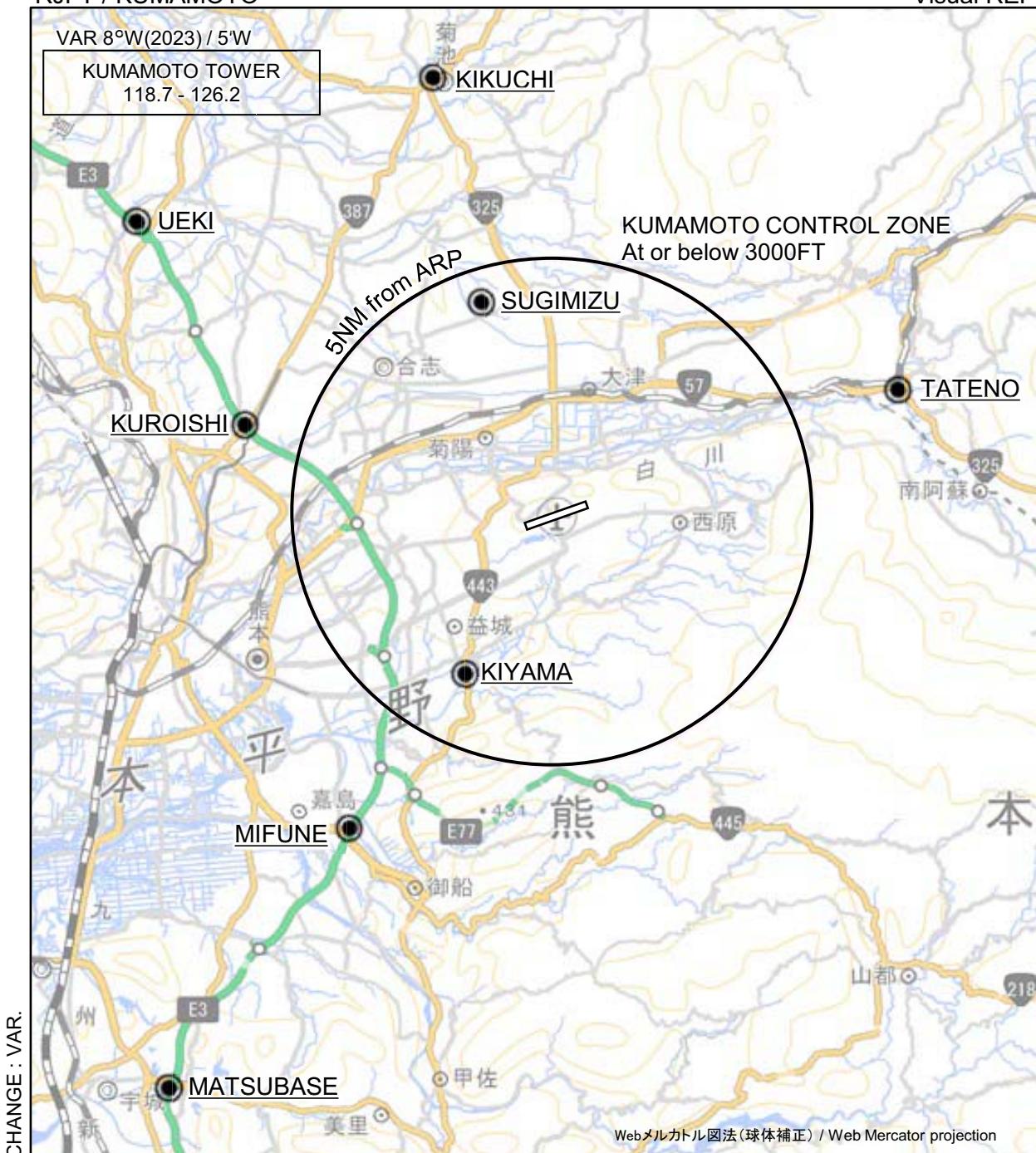
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PROFILE OF VALUES OF RADIO ALTIMETER



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Visual REP



※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

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Visual REP

| Call sign | BRG / DIST from ARP | Remarks |
|-----------------|---------------------|---|
| 植木 Ueki | 305°T / 9.9NM | 九州自動車道植木インターチェンジ Kyushu expressway Ueki interchange |
| 黒石 Kuroishi | 286°T / 6.2NM | 九州自動車道と国道387号線との交点 Intersection of Kyushu expressway and national route 387 |
| 菊池 Kikuchi | 345°T / 8.9NM | NTT鉄塔(国道325号と国道387号の交点) Antenna tower (Intersection of national route 325 and 387) |
| 杉水 Sugimizu | 342°T / 4.5NM | ゴルフ場(くまもと中央CC) Golf course (Kumamoto Chuo CC) |
| 立野 Tateno | 070°T / 7.1NM | 新阿蘇大橋 Bridge |
| 木山 Kiyama | 208°T / 3.6NM | 木山川と国道443号との交点 Intersection of Kiyama river and national route 443 |
| 御船 Mifune | 212°T / 7.4NM | 九州自動車道御船インターチェンジ Kyushu expressway Mifune interchange |
| 松橋 Matsubase | 213°T / 13.6NM | 九州自動車道松橋インターチェンジ Kyushu expressway Matsubase interchange |

CHANGE : BRG/DIST from ARP. Visual REP established (KIKUCHI, MATSUBASE). Remarks (TATENO).

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LDG CHART



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Minimum Vectoring Altitude CHART

