

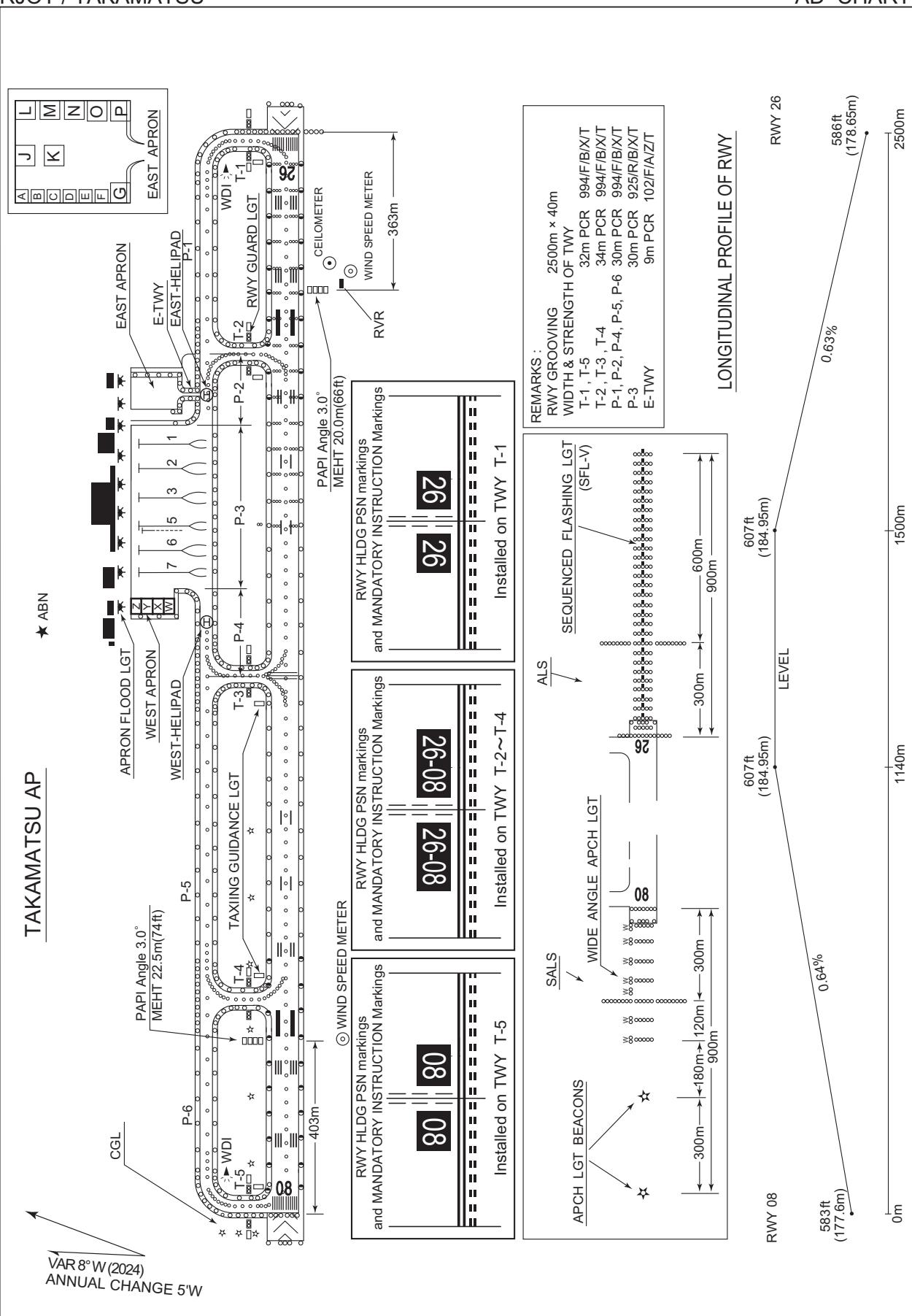
BIOT / TAKAMATSU

AD CHART

CHANGE : VAR.

TAKAMATSU AP

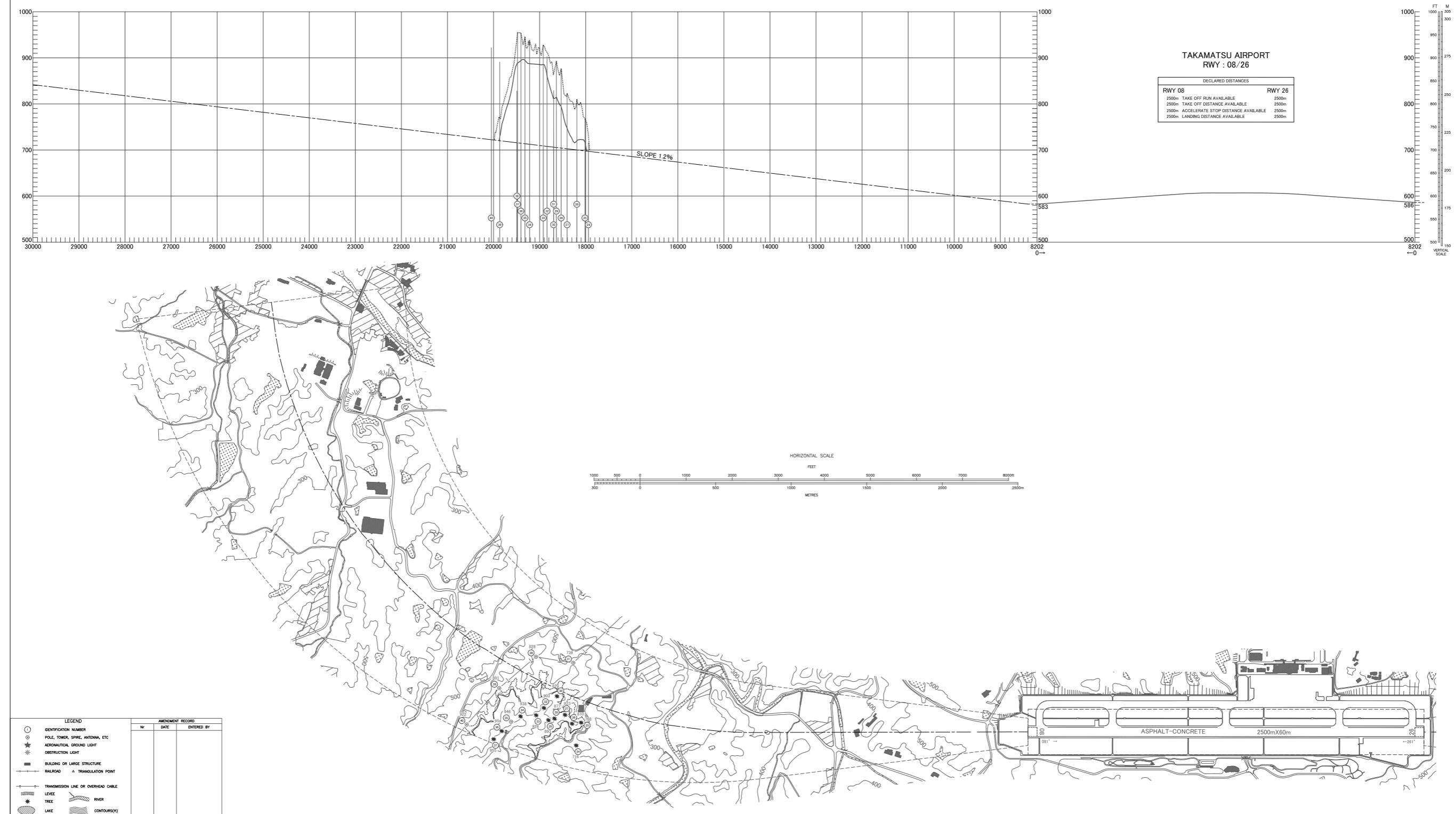
VAR 8° W (2024)
ANNUAL CHANGE 5'W



AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATING LIMITATIONS)

DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

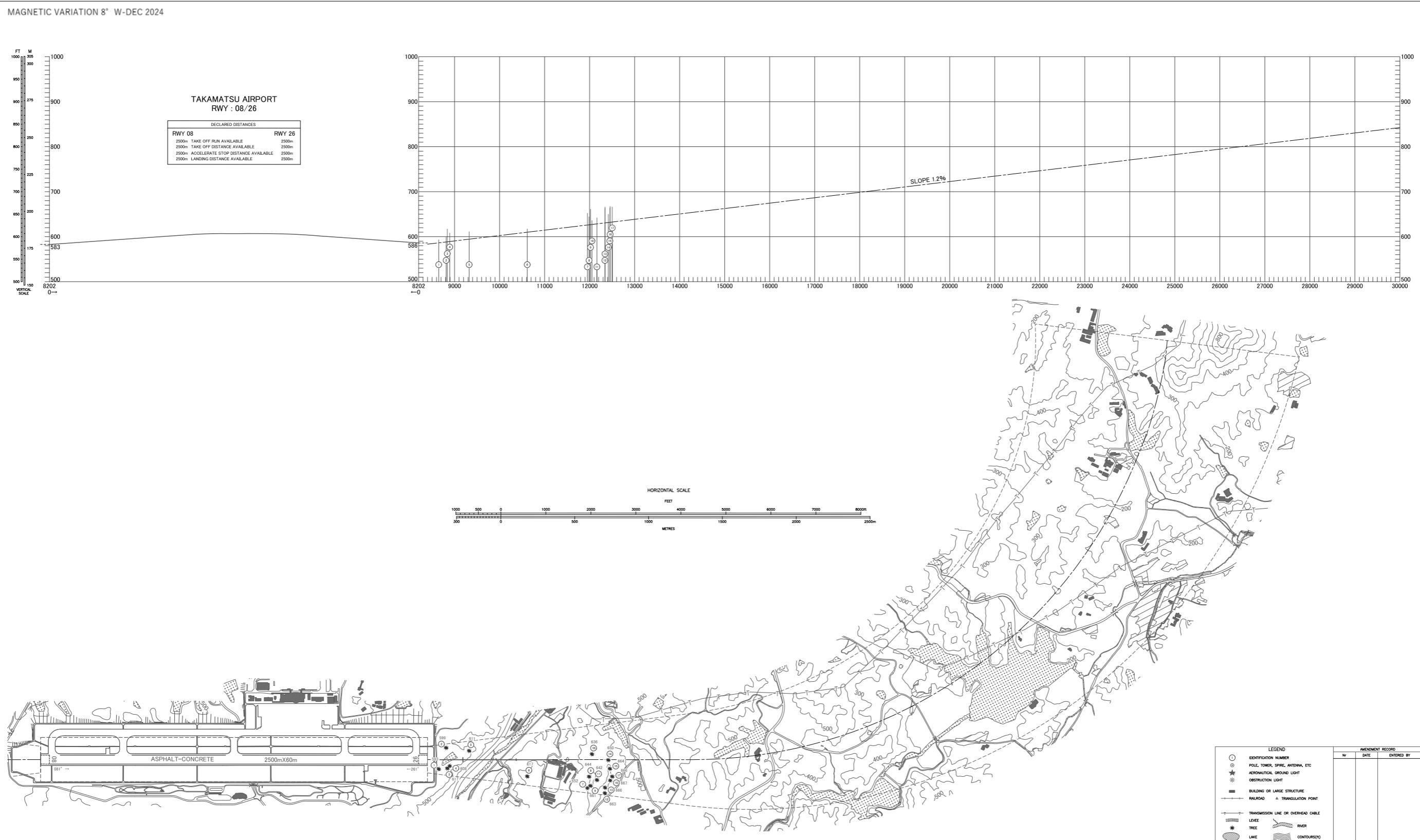
MAGNETIC VARIATION 8° W-DEC 2024



CHANGE : Update

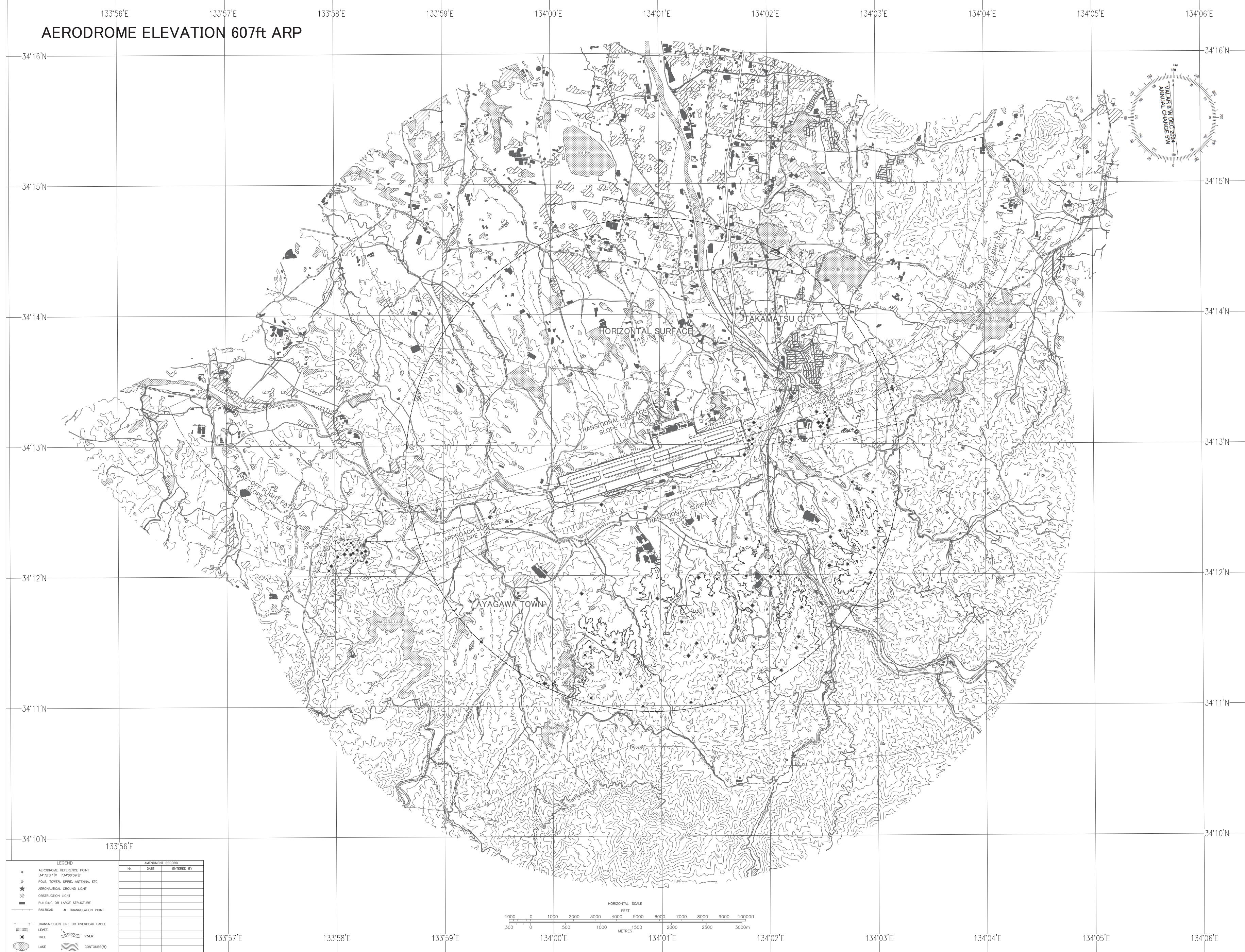
AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATING LIMITATIONS)

DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC



AERODROME OBSTACLE CHART—ICAO TYPE B

DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC



CHANGE : Update

STANDARD DEPARTURE CHART-INSTRUMENT

RJOT / TAKAMATSU

SID

KAGAWA NORTH THREE DEPARTURE

RWY 08 : Climb RWY HDG to 1700FT, turn left HDG307°...

RWY 26 : Climb RWY HDG to 2200FT, turn right HDG037°...

...to intercept and proceed via KTE R352 to OYE VOR/DME.

Note : RWY 08 : 5.0% climb gradient required up to 1700FT.

OBST ALT 755FT located at 0.7NM 100° FM end of RWY08.

RWY 26 : 6.6% climb gradient required up to 2200FT.

OBST ALT 1772FT located at 3.3NM 255° FM end of RWY26.

KAGAWA REVERSAL EIGHT DEPARTURE

RWY 08 : Climb RWY HDG to 1700FT, turn left HDG322°...

RWY 26 : Climb RWY HDG to 2200FT, turn right HDG052°...

...to intercept and proceed via KTE R007 to 13.0DME, turn left direct to KTE VOR/DME.

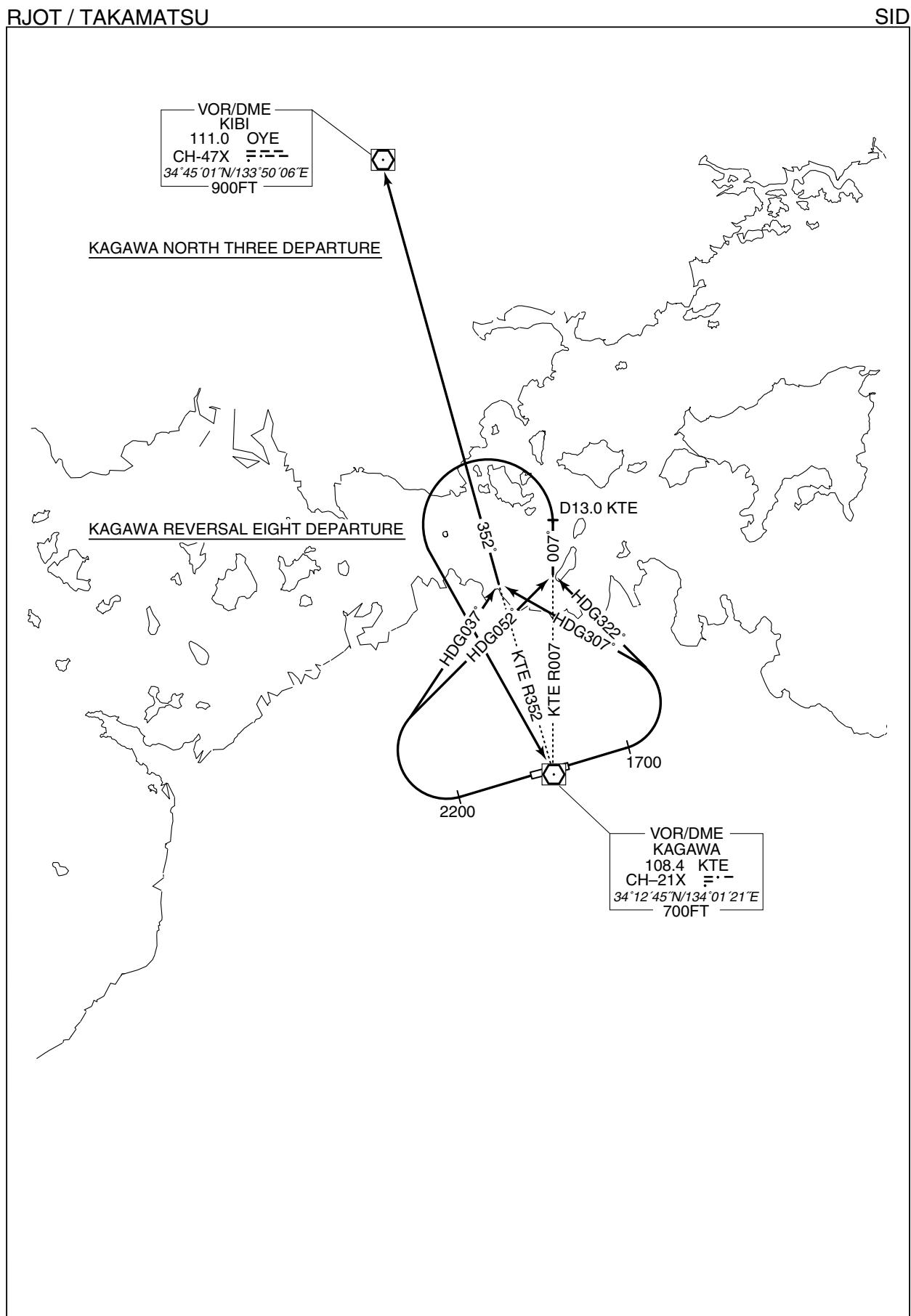
Note : RWY 08 : 5.0% climb gradient required up to 1700FT.

OBST ALT 755FT located at 0.7NM 100° FM end of RWY08.

RWY 26 : 6.6% climb gradient required up to 2200FT.

OBST ALT 1772FT located at 3.3NM 255° FM end of RWY26.

STANDARD DEPARTURE CHART-INSTRUMENT



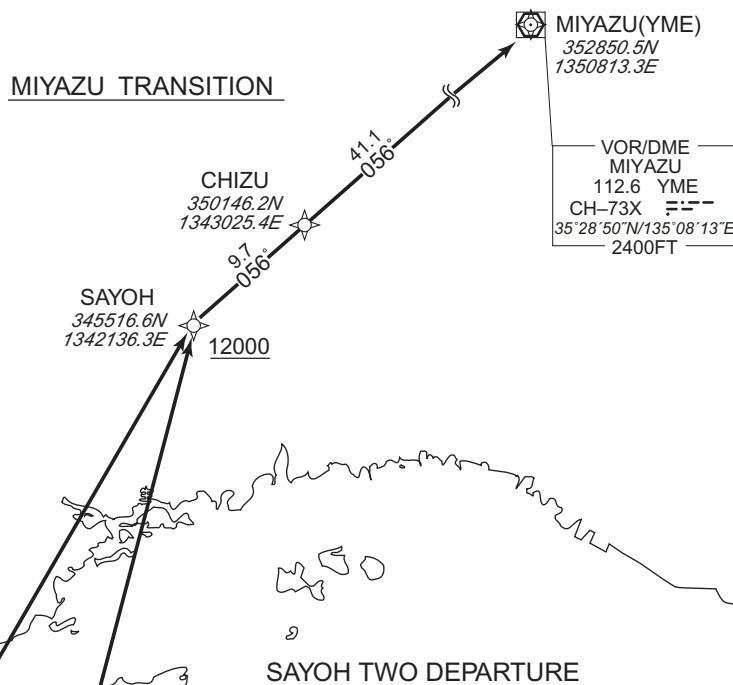
STANDARD DEPARTURE CHART-INSTRUMENT

RJOT / TAKAMATSU

RNAV SID and TRANSITION

| SAYOH TWO DEPARTURE MIYAZU TRANSITION | | 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. | | RWY08 : OYE 1.0NM from DER - 3.0NM from DER STD 1.0NM from DER - 3.0NM from DER KTE 25.0NM to SAYOH - 21.0NM to SAYOH RWY26 : KTE 2.0NM from DER - 3.0NM from DER 25.0NM to SAYOH - 20.0NM to SAYOH STD 2.0NM from DER - 3.0NM from DER 44.0NM to SAYOH - 35.0NM to SAYOH OYE 14.0NM to SAYOH - SAYOH MIYAZU TRANSITION STD : SAYOH - 1.7NM to CHIZU YME : SAYOH - 1.7NM to CHIZU |
| DME GAP RWY08 : DER – 1.0NM from DER RWY26 : DER – 2.0NM from DER MIYAZU TRANSITION 1.7NM to CHIZU – YME | Critical DME | |
| Inappropriate Navaids See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 | | |

VAR 8° W



CHANGE : Critical DME, DME GAP.

SAYOH TWO DEPARTURE

RWY08 : Climb on HDG081° at or above 1700FT, turn left direct to SAYOH at or above 12000FT.
RWY26 : Climb on HDG261° at or above 2200FT, turn right direct to SAYOH at or above 12000FT.

Note RWY08 : 5.0% climb gradient required up to 1700FT.

OBST ALT 755FT located at 0.7NM 100° FM end of RWY08.

RWY26 : 6.6% climb gradient required up to 2200FT.

OBST ALT 1772FT located at 3.3NM 255° FM end of RWY26.

MIYAZU TRANSITION

From SAYOH, to CHIZU, to YME.

STANDARD DEPARTURE CHART-INSTRUMENT

RJOT / TAKAMATSU

RNAV SID and TRANSITION

SAYOH TWO DEPARTURE

RWY08

| 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 | — | — | 081 (072.9) | -7.8 | — | — | +1700 | — | — | RNAV1 |
| 002 | DF | SAYOH | — | — | -7.8 | — | L | +12000 | — | — | RNAV1 |

RWY26

| 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 | — | — | 261 (252.9) | -7.8 | — | — | +2200 | — | — | RNAV1 |
| 002 | DF | SAYOH | — | — | -7.8 | — | R | +12000 | — | — | RNAV1 |

MIYAZU 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 | SAYOH | — | — | -7.8 | — | — | — | — | — | RNAV1 |
| 002 | TF | CHIZU | — | 056 (048.0) | -7.8 | 9.7 | — | — | — | — | RNAV1 |
| 003 | TF | YME | — | 056 (048.6) | -7.8 | 41.1 | — | — | — | — | RNAV1 |

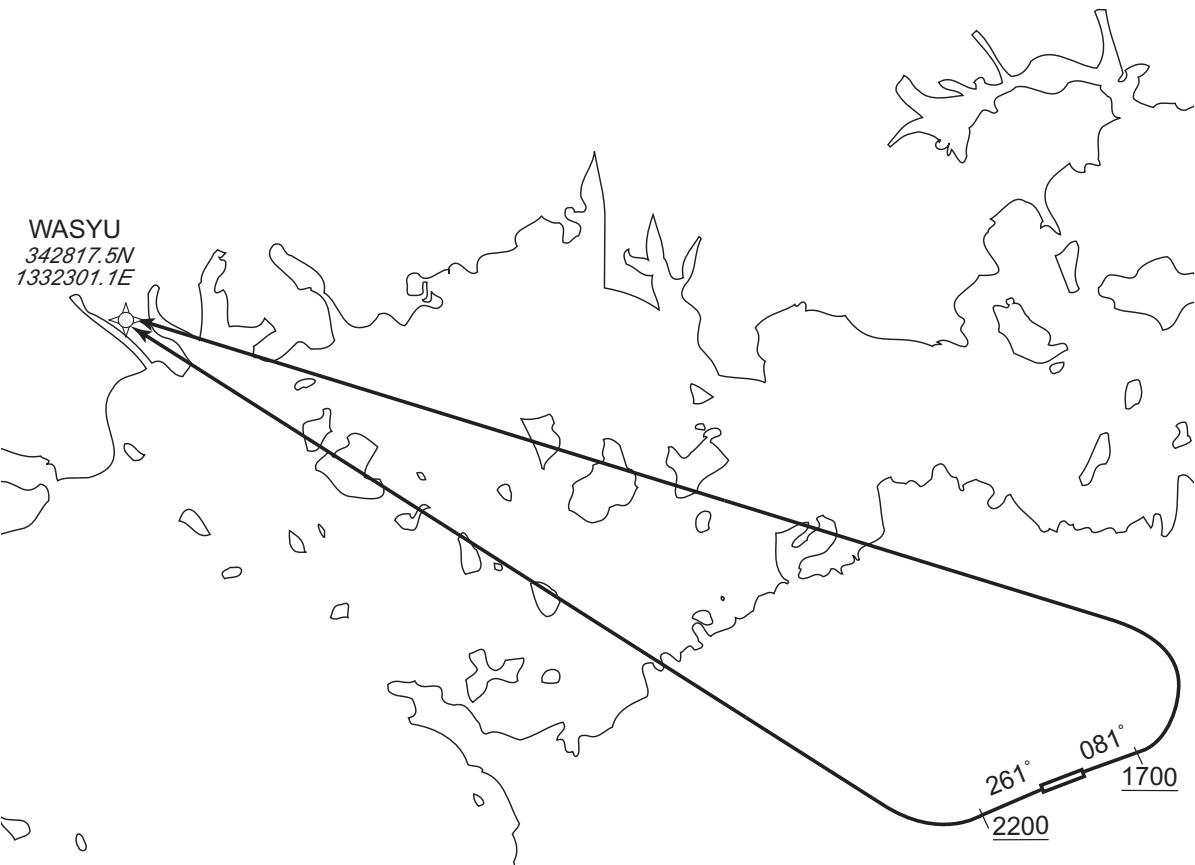
STANDARD DEPARTURE CHART-INSTRUMENT

RJOT / TAKAMATSU

RNAV SID

| WASYU THREE 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. | Critical DME | RWY08 : OYE 1.0NM from DER - 3.0NM from DER 37.0NM to WASYU - 30.0NM to WASYU 1.0NM to WASYU - WASYU STD 1.0NM from DER - 3.0NM from DER 37.0NM to WASYU - 33.0NM to WASYU RWY26 : KTE 2.0NM from DER - 3.0NM from DER STD 2.0NM from DER - 3.0NM from DER OYE 1.0NM to WASYU - WASYU |
| 2) RADAR service required. | DME GAP | RWY08 : DER - 1.0NM from DER RWY26 : DER - 2.0NM from DER |
| | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 |

VAR 8° W



RWY08 : Climb on HDG081° at or above 1700FT, turn left direct to WASYU.
RWY26 : Climb on HDG261° at or above 2200FT, turn right direct to WASYU.

Note RWY08: 5.0% climb gradient required up to 1700FT.
OBST ALT 755FT located at 0.7NM 100° FM end of RWY08.
RWY26: 6.6% climb gradient required up to 2200FT.
OBST ALT 1772FT located at 3.3NM 255° FM end of RWY26.

STANDARD DEPARTURE CHART-INSTRUMENT

RJOT / TAKAMATSU

RNAV SID

WASYU THREE DEPARTURE

RWY08

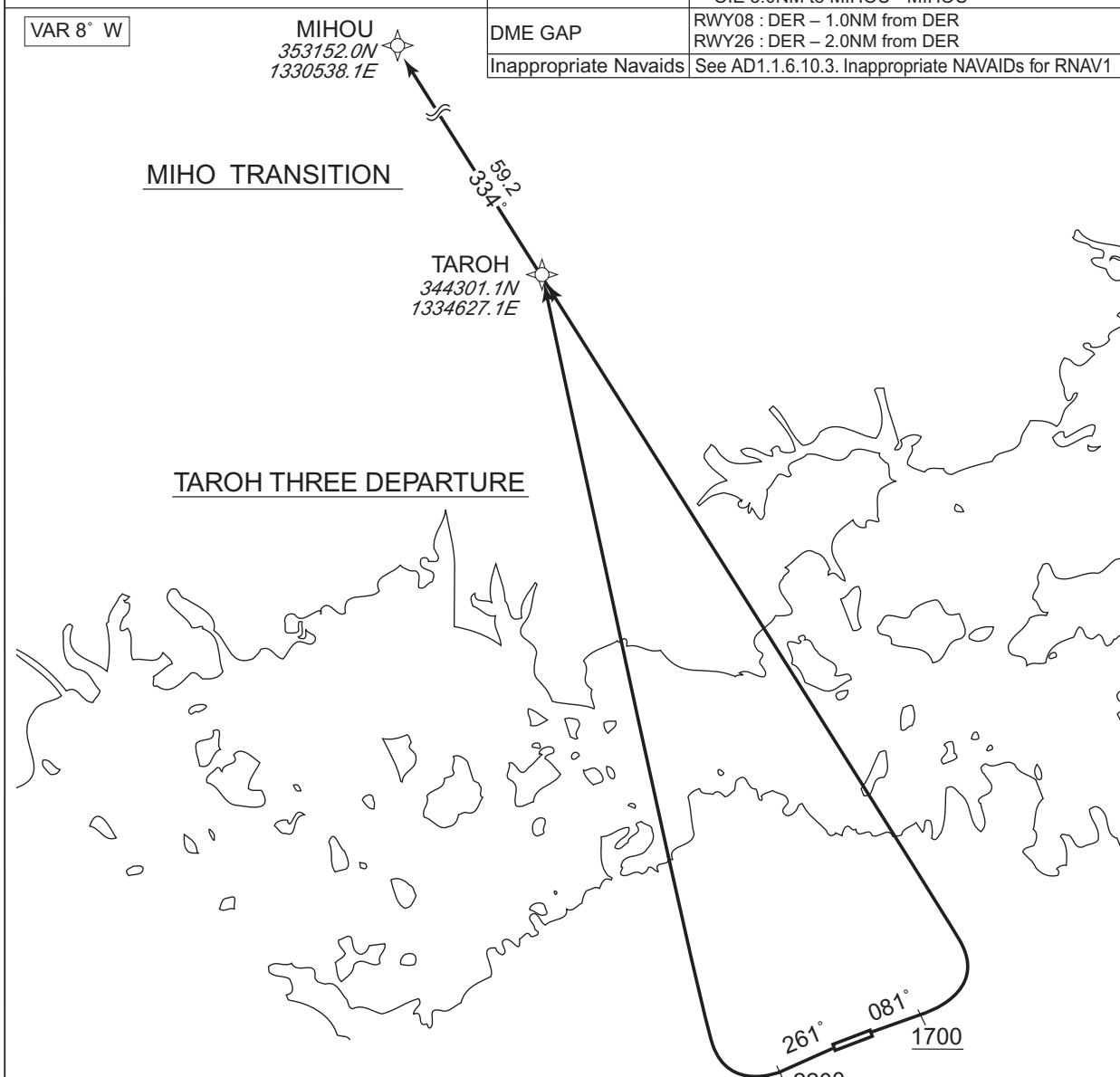
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | VA | — | — | 081 (072.9) | -7.8 | — | — | +1700 | — | — | RNAV1 |
| 002 | DF | WASYU | — | — | -7.8 | — | L | — | — | — | RNAV1 |

RWY26

| 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 | — | — | 261 (252.9) | -7.8 | — | — | +2200 | — | — | RNAV1 |
| 002 | DF | WASYU | — | — | -7.8 | — | R | — | — | — | RNAV1 |

CHANGE : VAR. PROC renamed. PROC course.

STANDARD DEPARTURE CHART-INSTRUMENT

| RJOT / TAKAMATSU | | RNAV SID and TRANSITION | |
|---|----------------------------------|-------------------------|--|
| TAROH THREE DEPARTURE MIHO TRANSITION | | | 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 | RWY08 : OYE 1.0NM from DER - 3.0NM from DER 32.0NM to TAROH - 27.0NM to TAROH STD 1.0NM from DER - 3.0NM from DER 27.0NM to TAROH - 4.0NM to TAROH RWY26 : KTE 2.0NM from DER - 3.0NM from DER STD 2.0NM from DER - 3.0NM from DER 18.0NM to TAROH - 9.0NM to TAROH MIHO TRANSITION OIE 5.0NM to MIHOU - MIHOU |
| VAR 8° W | MIHOU 353152.0N 1330538.1E | DME GAP | RWY08 : DER - 1.0NM from DER RWY26 : DER - 2.0NM from DER See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 |
|  | | | |
| TAROH THREE DEPARTURE RWY08 : Climb on HDG081° at or above 1700FT, turn left direct to TAROH. RWY26 : Climb on HDG261° at or above 2200FT, turn right direct to TAROH. Note RWY08: 5.0% climb gradient required up to 1700FT. OBST ALT 755FT located at 0.7NM 100° FM end of RWY08. RWY26: 6.6% climb gradient required up to 2200FT. OBST ALT 1772FT located at 3.3NM 255° FM end of RWY26. | | | |
| MIHO TRANSITION From TAROH, to MIHOU. | | | |

CHANGE : Critical DME, DME GAP added.

STANDARD DEPARTURE CHART-INSTRUMENT

RJOT / TAKAMATSU

RNAV SID and TRANSITION

TAROH THREE DEPARTURE

RWY08

| 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 | — | — | 081 (072.9) | -7.8 | — | — | +1700 | — | — | RNAV1 |
| 002 | DF | TAROH | — | — | -7.8 | — | L | — | — | — | RNAV1 |

RWY26

| 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 | — | — | 261 (252.9) | -7.8 | — | — | +2200 | — | — | RNAV1 |
| 002 | DF | TAROH | — | — | -7.8 | — | R | — | — | — | RNAV1 |

MIHO 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 | TAROH | — | — | -7.8 | — | — | — | — | — | RNAV1 |
| 002 | TF | MIHOU | — | 334 (325.8) | -7.8 | 59.2 | — | — | — | — | RNAV1 |

CHANGE : VAR, SID renamed. PROC course.

STANDARD DEPARTURE CHART-INSTRUMENT

RJOT / TAKAMATSU

RNAV SID and TRANSITION

| OLIVE TWO DEPARTURE SANDA TRANSITION | | 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. | Critical DME | RWY08 : OYE 1.0NM from DER - 3.0NM from DER STD 1.0NM from DER - 3.0NM from DER 36.0NM to OLIVE - 34.0NM to OLIVE AJD 33.0NM to OLIVE - OLIVE KTE 20.0NM to OLIVE - 13.0NM to OLIVE RWY26 : KTE 2.0NM from DER - 3.0NM from DER 19.0NM to OLIVE - 14.0NM to OLIVE STD 2.0NM from DER - 3.0NM from DER 43.0NM to OLIVE - 39.0NM to OLIVE AJD 31.0NM to OLIVE - 22.0NM to OLIVE 19.0NM to OLIVE - OLIVE |
| 2) RADAR service required. | DME GAP | RWY08 : DER - 1.0NM from DER RWY26 : DER - 2.0NM from DER |
| | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAV/AIDs for RNAV1 |

VAR 8° W



OLIVE TWO DEPARTURE

RWY08 : Climb on HDG 081° at or above 1700FT, turn left direct to OLIVE.
RWY26 : Climb on HDG 261° at or above 2200FT, turn right direct to OLIVE.

NOTE RWY08: 5.0% climb gradient required up to 1700FT.
OBST ALT 755FT located at 0.7NM 100° FM end of RWY08.
RWY26: 6.6% climb gradient required up to 2200FT.
OBST ALT 1772FT located at 3.3NM 255° FM end of RWY26.

SANDA TRANSITION

From OLIVE, to HYOGO, to SANDA.

CHANGE : Critical DME. DME GAP added.

STANDARD DEPARTURE CHART-INSTRUMENT

RJOT / TAKAMATSU

RNAV SID and TRANSITION

OLIVE TWO DEPARTURE

RWY08

| 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 | — | — | 081 (072.9) | -7.8 | — | — | +1700 | — | — | RNAV1 |
| 002 | DF | OLIVE | — | — | -7.8 | — | L | — | — | — | RNAV1 |

RWY26

| 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 | — | — | 261 (252.9) | -7.8 | — | — | +2200 | — | — | RNAV1 |
| 002 | DF | OLIVE | — | — | -7.8 | — | R | — | — | — | RNAV1 |

SANDA 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 | OLIVE | — | — | -7.8 | — | — | — | — | — | RNAV1 |
| 002 | TF | HYOGO | — | 085 (076.8) | -7.8 | 27.6 | — | — | — | — | RNAV1 |
| 003 | TF | SANDA | — | 084 (076.4) | -7.8 | 18.6 | — | — | — | — | RNAV1 |

CHANGE : SHTLE TRANSITION abolished. SANDA TRANSITION established.

STANDARD ARRIVAL CHART-INSTRUMENT

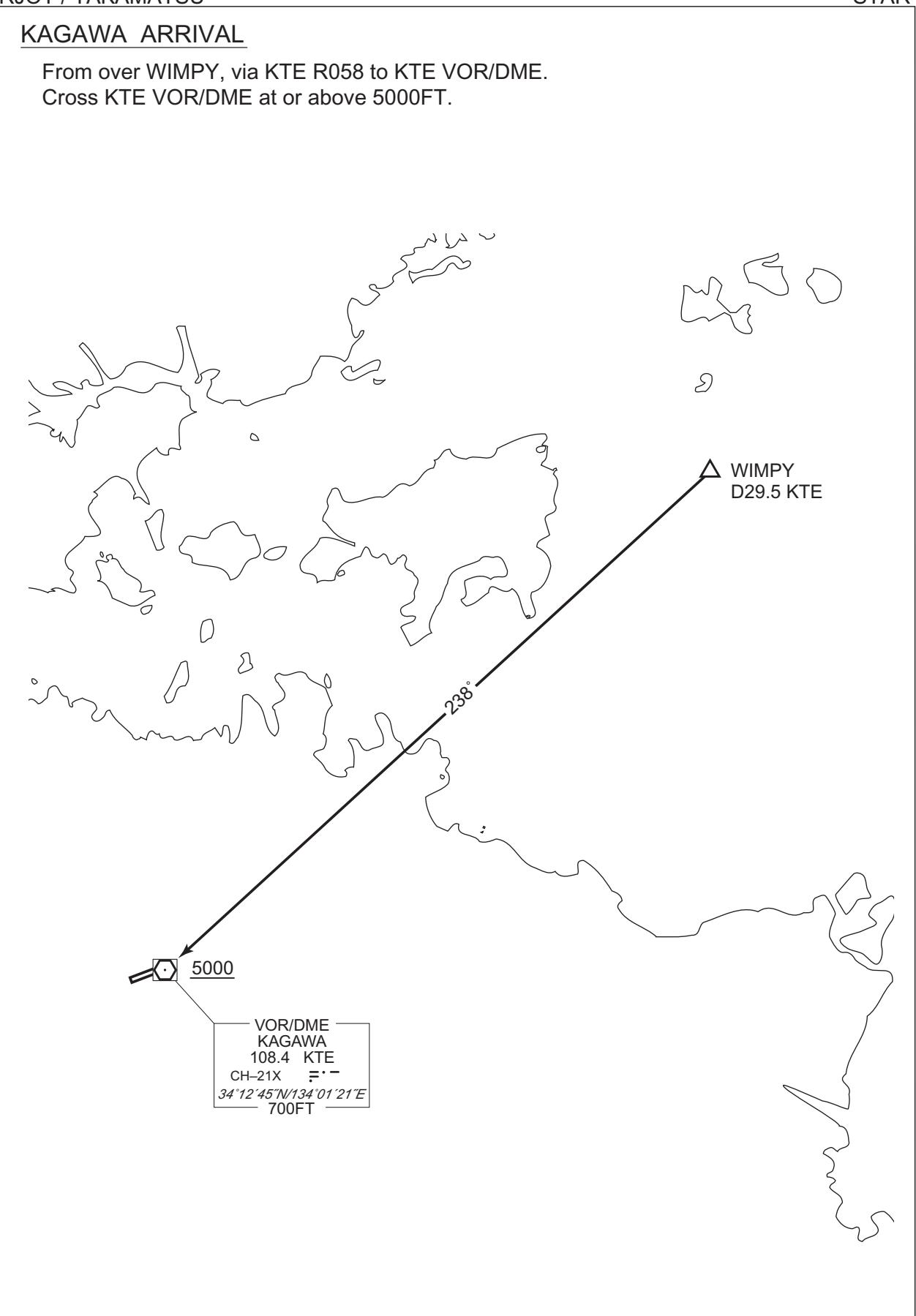
RJOT / TAKAMATSU

STAR

KAGAWA ARRIVAL

From over WIMPY, via KTE R058 to KTE VOR/DME.
Cross KTE VOR/DME at or above 5000FT.

CHANGE : Description of PROC name.



STANDARD ARRIVAL CHART-INSTRUMENT

RJOT / TAKAMATSU

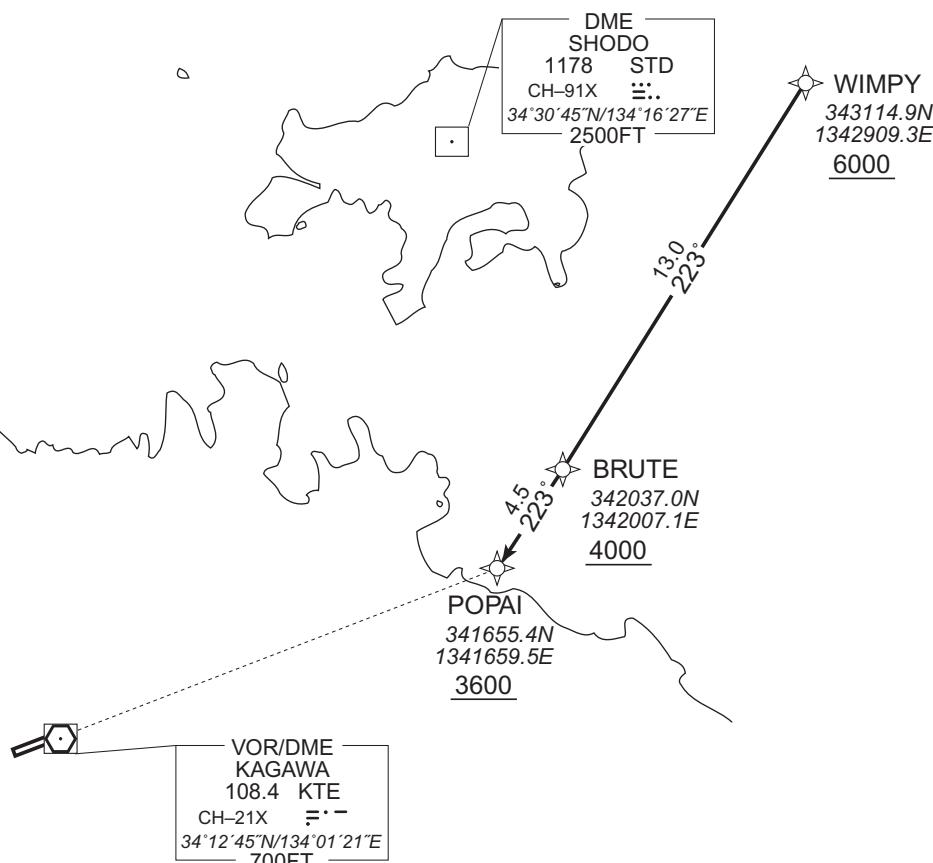
RNAV STAR RWY26

POPAI ARRIVAL

RNAV1

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

VAR 8°W



From WIMPY at or above 6000FT, to BRUTE at or above 4000FT, to POPAI at or above 3600FT.

| | |
|-----------------------|--|
| Critical DME | STD : WIMPY - BRUTE, 2.0NM to POPAI - POPAI KTE : WIMPY - BRUTE |
| 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 | WIMPY | - | - | -7.6 | - | - | +6000 | - | - | RNAV1 |
| 002 | TF | BRUTE | - | 223 (215.1) | -7.6 | 13.0 | - | +4000 | - | - | RNAV1 |
| 003 | TF | POPAI | - | 223 (215.0) | -7.6 | 4.5 | - | +3600 | - | - | RNAV1 |

CHANGE : Critical DME added. TAKAMATSU TACAN abolished.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

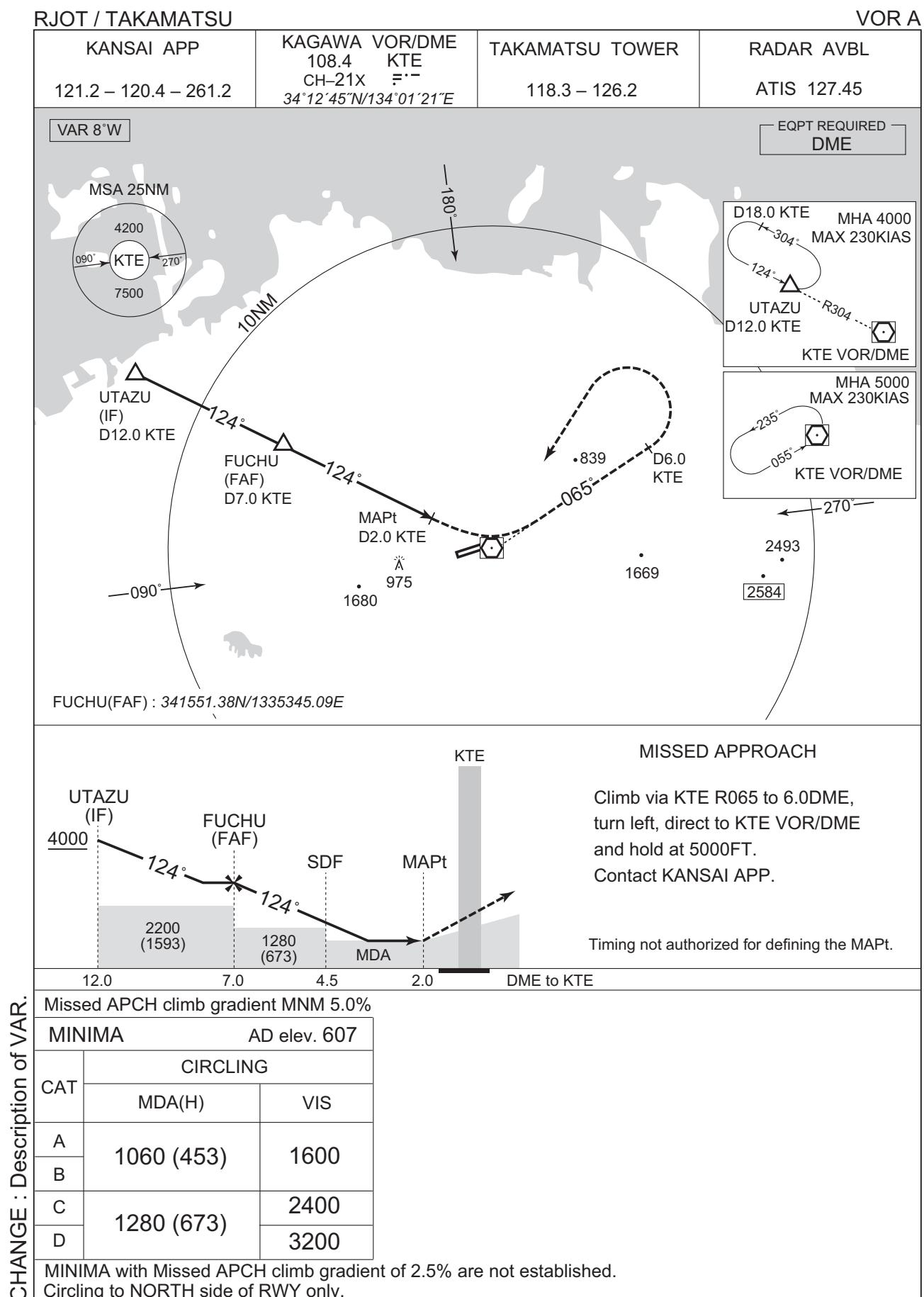
RJOT / TAKAMATSU



INSTRUMENT APPROACH CHART

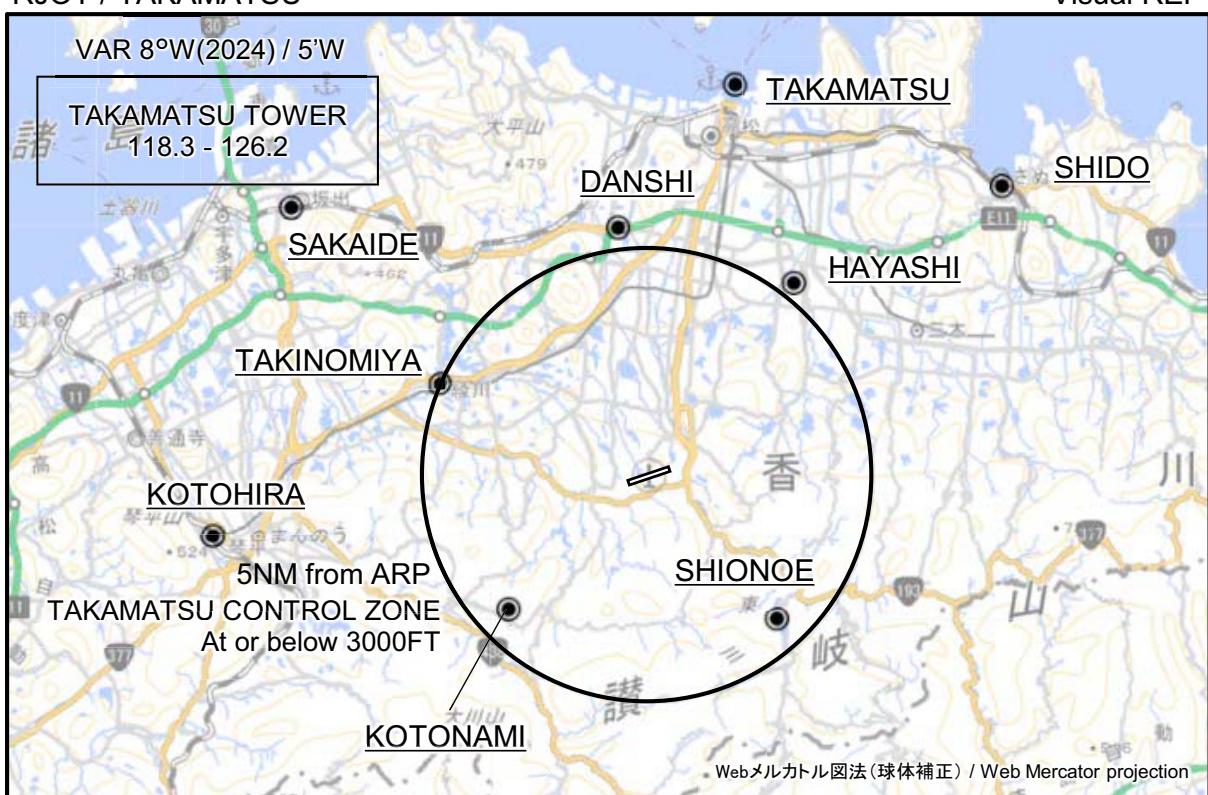


INSTRUMENT APPROACH CHART



RJOT / TAKAMATSU

Visual REP



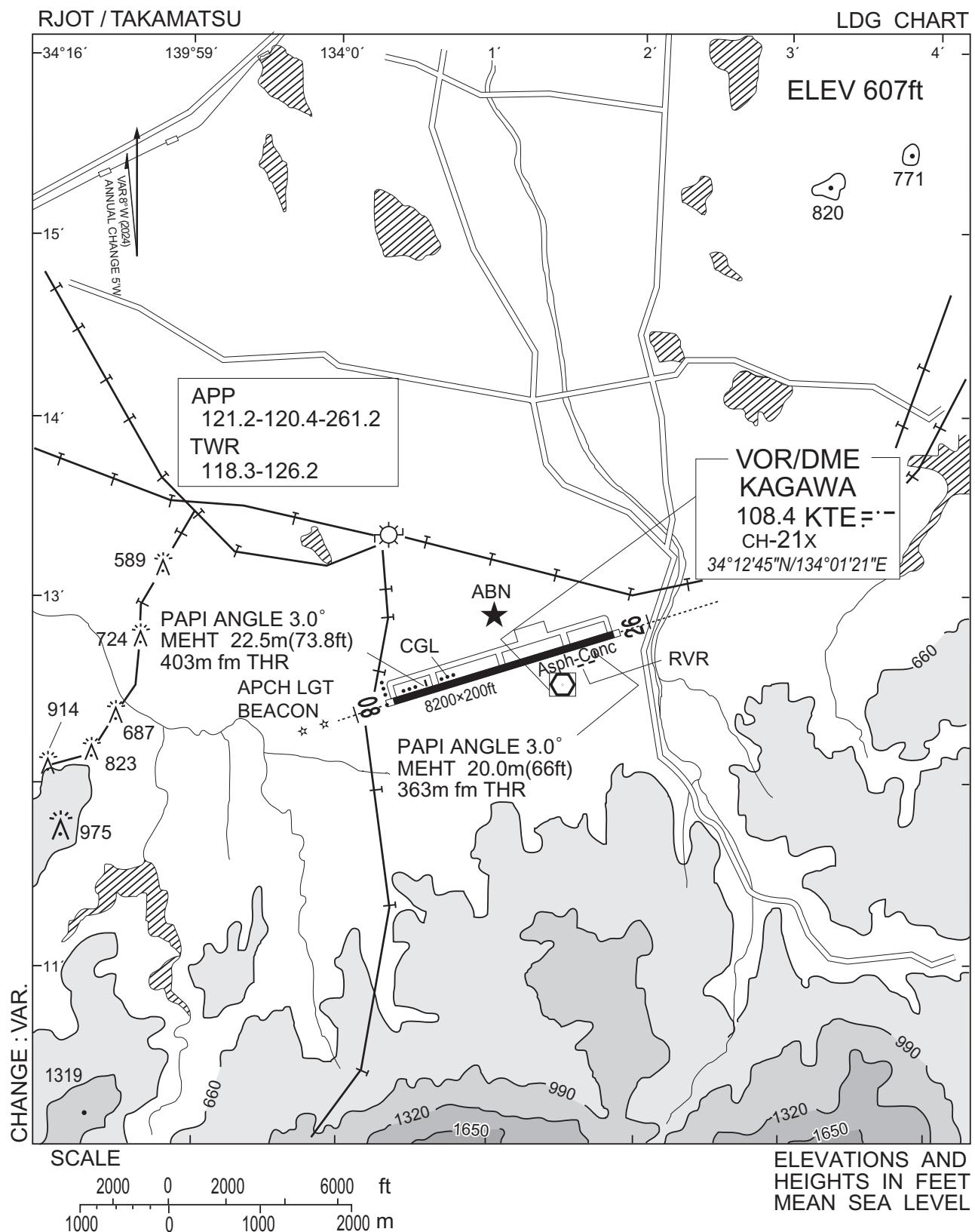
※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

| Call sign | BRG / DIST from ARP | Remarks |
|------------------|---------------------|---|
| 高松 Takamatsu | 012°T / 8.9NM | 高松港 Harbor |
| 志度 Shido | 051°T / 10.1NM | JR志度駅 JR Station |
| 坂出 Sakaide | 307°T / 9.9NM | JR坂出駅 JR Station |
| 檀紙 Danshi | 353°T / 5.5NM | 高松檀紙IC Interchange |
| 林 Hayashi | 037°T / 5.3NM | 由良山 Mt. Yura |
| 滝宮 Takinomiya | 294°T / 5.1NM | 琴平電鉄滝宮駅 Station |
| 琴平 Kotohira | 262°T / 9.8NM | JR琴平駅 JR Station |
| 琴南 Kotonami | 226°T / 4.3NM | 四国電力開閉所 Switch station of Electric Power |
| 塩江 Shionoe | 138°T / 4.2NM | 内場池 Pond of Naiba |

注:有視界飛行方式により高松空港に着陸しようとする航空機又は高松航空交通管制圏を通過しようとする航空機は、東方向から進入する場合は、志度ポイント上空で、西方向から進入する場合は、坂出ポイント又は琴平ポイント上空で、北方向から進入する場合は、高松ポイント上空において高松タワーに連絡すること。

NOTE : When VFR flight is going to enter the control zone for landing or passing through, the pilot should contact with the control tower over;
SHIDO in case of coming from east/
SAKAIDE or KOTOHIRA in case of coming from west/
TAKAMATSU in case of coming from north.

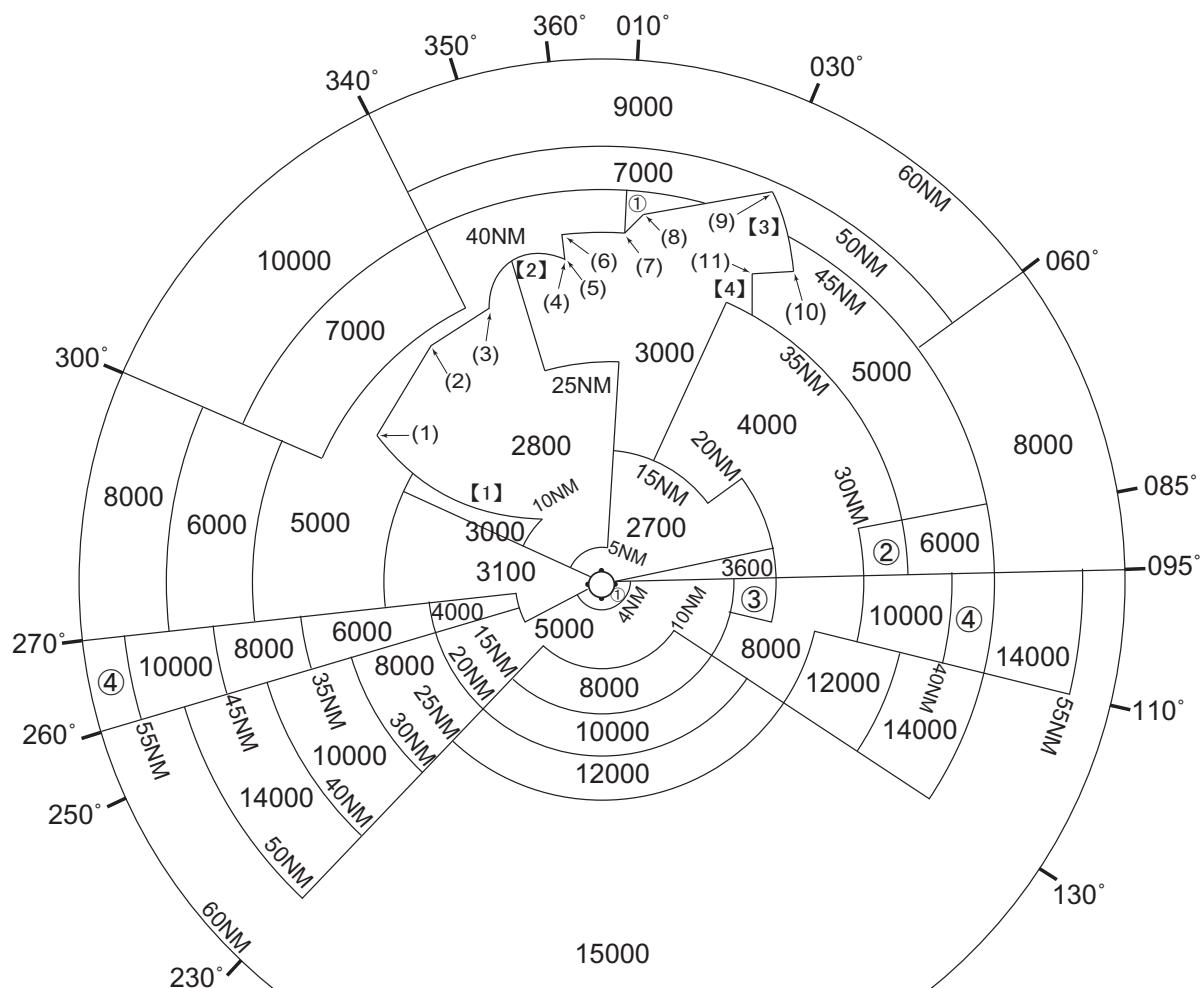
CHANGE : VAR.



RJOT / TAKAMATSU

Minimum Vectoring Altitude CHART

VAR 8°W (2024)



CHANGE : VAR.