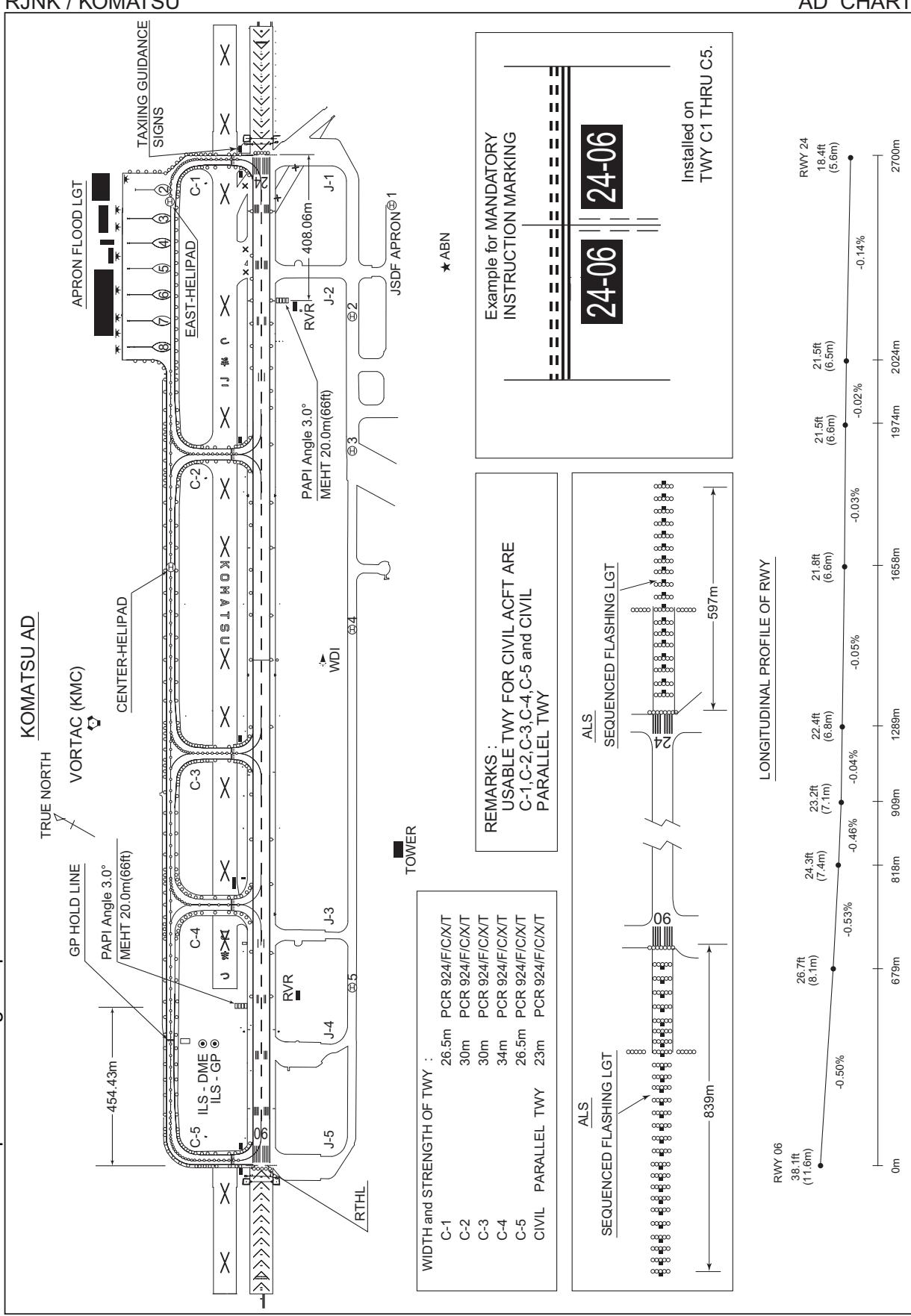


CHANGE : Description of strength of pavement.



STANDARD DEPARTURE CHART -INSTRUMENT

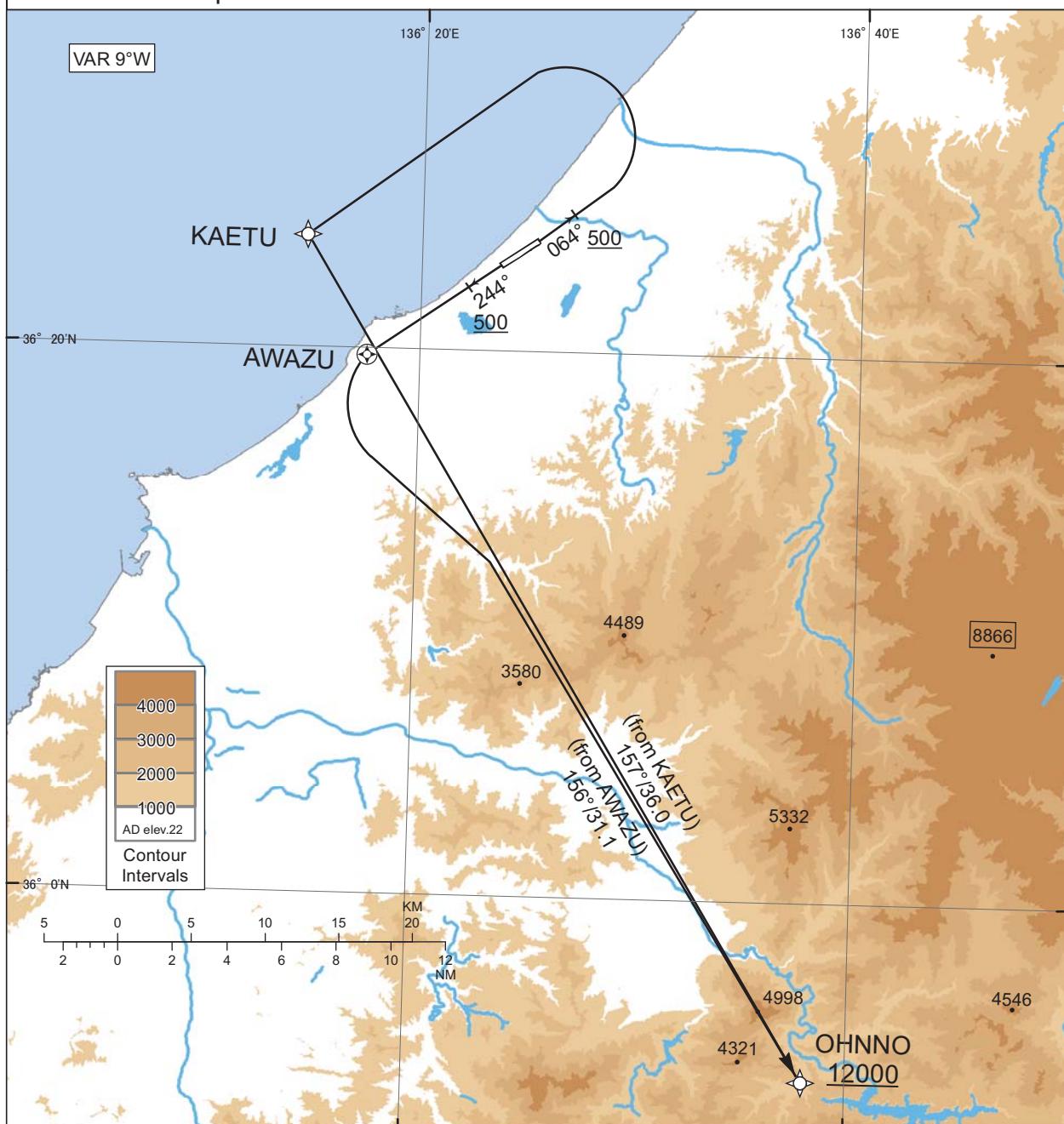
RJNK / KOMATSU

RNAV SID

OHNNO ONE DEPARTURE

RNP1

Note GNSS required.



CHANGE : New PROC.

RWY06 : Climb on HDG064° at or above 500FT, turn left direct to KAETU, to OHNNO at or above 12000FT.
 RWY24 : Climb on HDG244° at or above 500FT, direct to AWAZU, to OHNNO at or above 12000FT.

Note RWY06 : 4.0% climb gradient required up to 4500FT.
 OBST ALT 4397FT located at 15.0NM 177°FM end of RWY06.
 Note RWY24 : 4.8% climb gradient required up to 3900FT.
 OBST ALT 3183FT located at 12.0NM 196°FM end of RWY24.

STANDARD DEPARTURE CHART -INSTRUMENT

RJNK / KOMATSU

RNAV SID

OHNNO ONE DEPARTURE

RWY06

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	-	-	064 (055.0)	-8.6	-	-	+500	-	-	RNP1
002	DF	KAETU	-	-	-8.6	-	L	-	-	-	RNP1
003	TF	OHNNO	-	157 (148.4)	-8.6	36.0	-	+12000	-	-	RNP1

RWY24

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	-	-	244 (235.0)	-8.6	-	-	+500	-	-	RNP1
002	DF	AWAZU	Y	-	-8.6	-	-	-	-	-	RNP1
003	TF	OHNNO	-	156 (147.8)	-8.6	31.1	-	+12000	-	-	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
KAETU	362407.8N / 1361447.7E
AWAZU	361946.6N / 1361737.0E
OHNNO	355328.3N / 1363803.4E

CHANGE : New PROC.

STANDARD DEPARTURE CHART -INSTRUMENT

RJNK / KOMATSU	RNAV SID and TRANSITION
GINJO THREE DEPARTURE KINZAN TRANSITION	RNP1
Note GNSS required.	
CHANGE : SUMVU established. HAKUJI abolished. SID renamed. PROC course. ALT restriction at GINJO added. <p><u>GINJO THREE DEPARTURE</u></p> <p>RWY06 : Climb on HDG064° at or above 500FT, turn left direct to SUMVU, to GINJO at or above 4000FT, to NTE.</p> <p>RWY24 : Climb on HDG244° at or above 500FT, turn right direct to SUMVU, to GINJO at or above 4000FT, to NTE.</p> <p><u>KINZAN TRANSITION</u></p> <p>From NTE, to GOLDO.</p>	

STANDARD DEPARTURE CHART -INSTRUMENT

RJNK / KOMATSU

RNAV SID and TRANSITION

GINJO THREE DEPARTURE

RWY06

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	—	—	064 (055.0)	-8.6	—	—	+500	—	—	RNP1
002	DF	SUMVU	—	—	-8.6	—	L	—	—	—	RNP1
003	TF	GINJO	—	014 (005.3)	-8.6	23.5	—	+4000	—	—	RNP1
004	TF	NTE	—	065 (056.0)	-8.6	15.0	—	—	—	—	RNP1

RWY24

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	—	—	244 (235.0)	-8.6	—	—	+500	—	—	RNP1
002	DF	SUMVU	—	—	-8.6	—	R	—	—	—	RNP1
003	TF	GINJO	—	014 (005.3)	-8.6	23.5	—	+4000	—	—	RNP1
004	TF	NTE	—	065 (056.0)	-8.6	15.0	—	—	—	—	RNP1

KINZAN 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	NTE	—	—	-8.6	—	—	—	—	—	RNP1
002	TF	GOLDO	—	064 (055.4)	-8.6	83.0	—	—	—	—	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
SUMVU	364539.8N / 1363927.2E
GINJO	370902.0N / 1364210.5E
NTE	371723.9N / 1365746.5E
GOLDO	380356.9N / 1382435.5E

 CHANGE : SUMVU established. HAKU abolished. SID renamed. Waypoint Coordinates added.
 PROC course. VAR. Dist FM SUMVU to GINJO. ALT restriction at GINJO.

STANDARD DEPARTURE CHART -INSTRUMENT

RJNK / KOMATSU	RNAV SID and TRANSITION
SONBU THREE DEPARTURE TANGO TRANSITION	RNP1
Note GNSS required.	
<p>VAR 9°W</p> <p>The chart shows a map of the region around Miyazu (YME). A black line represents the SONBU THREE DEPARTURE route. It starts at MIYAZU(YME), goes northeast to UGEDO, then turns north to SONBU. Two other routes are shown: one from UGEDO to SONBU labeled 13.0 and 205°, and another from SONBU to the west labeled 35.2 and 220°. A wavy line to the east of the main route is labeled TANGO TRANSITION. A callout box in the top left corner contains the text "CHANGE : TANGO TRANSITION, UGEDO established. SID renamed. VAR. PROC course.".</p>	
<p><u>SONBU THREE DEPARTURE</u></p> <p>RWY06 : Climb on HDG064° at or above 500FT, turn left direct to SONBU. RWY24 : Climb on HDG244° at or above 500FT, turn right direct to SONBU.</p>	
<p><u>TANGO TRANSITION</u></p> <p>From SONBU, to UGEDO, to YME.</p>	

STANDARD DEPARTURE CHART -INSTRUMENT

RJNK / KOMATSU

RNAV SID and TRANSITION

CHANGE : TANGO TRANSITION, Waypoint Coordinates, UGEDO established. SID renamed. PROC course. VAR. Navigation Specification.

SONBU THREE DEPARTURE

RWY06

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	—	—	064 (055.0)	-8.6	—	—	+500	—	—	RNP1
002	DF	SONBU	—	—	-8.6	—	L	—	—	—	RNP1

RWY24

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	—	—	244 (235.0)	-8.6	—	—	+500	—	—	RNP1
002	DF	SONBU	—	—	-8.6	—	R	—	—	—	RNP1

TANGO 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	SONBU	—	—	-8.6	—	—	—	—	—	RNP1
002	TF	UGEDO	—	205 (196.3)	-8.6	13.0	—	—	—	—	RNP1
003	TF	YME	—	220 (211.1)	-8.6	35.2	—	—	—	—	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
SONBU	361132.3N / 1353502.9E
UGEDO	355902.0N / 1353032.1E
YME	352850.5N / 1350813.3E

STANDARD DEPARTURE CHART -INSTRUMENT

RJNK / KOMATSU

SID

NOTO THREE DEPARTURE

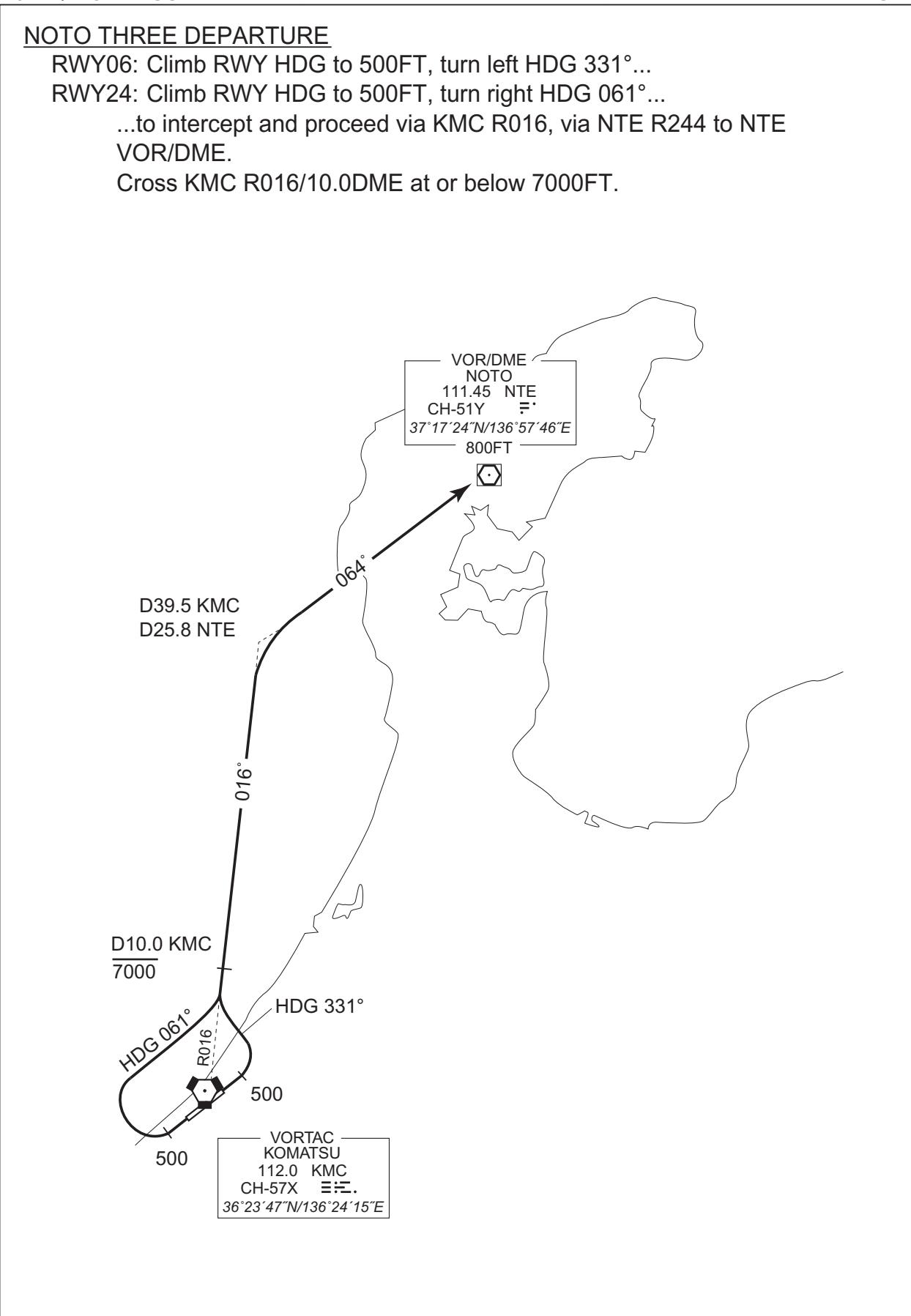
RWY06: Climb RWY HDG to 500FT, turn left HDG 331°...

RWY24: Climb RWY HDG to 500FT, turn right HDG 061°...

...to intercept and proceed via KMC R016, via NTE R244 to NTE VOR/DME.

Cross KMC R016/10.0DME at or below 7000FT.

CHANGE : SID renamed. PROC course.



STANDARD DEPARTURE CHART -INSTRUMENT

RJNK / KOMATSU

SID

KOMATSU REVERSAL FOUR DEPARTURE

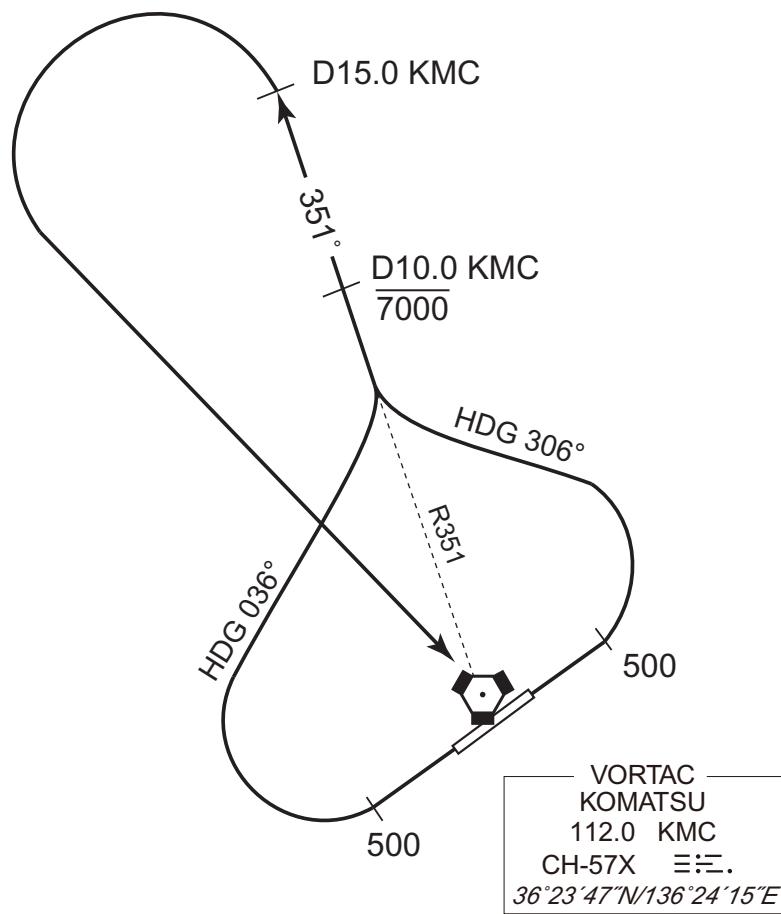
RWY 06 : Climb RWY HDG to 500FT, turn left HDG 306°...

RWY 24 : Climb RWY HDG to 500FT, turn right HDG 036°...

...to intercept and proceed via KMC R351 to 15.0DME, turn left, direct to KMC VORTAC.

Cross KMC R351/10.0DME at or below 7000FT.

CHANGE : SID renamed. PROC course. MIYAZU FOUR DEPARTURE abolished.



STANDARD DEPARTURE CHART -INSTRUMENT

RJNK / KOMATSU

SID and TRANSITION

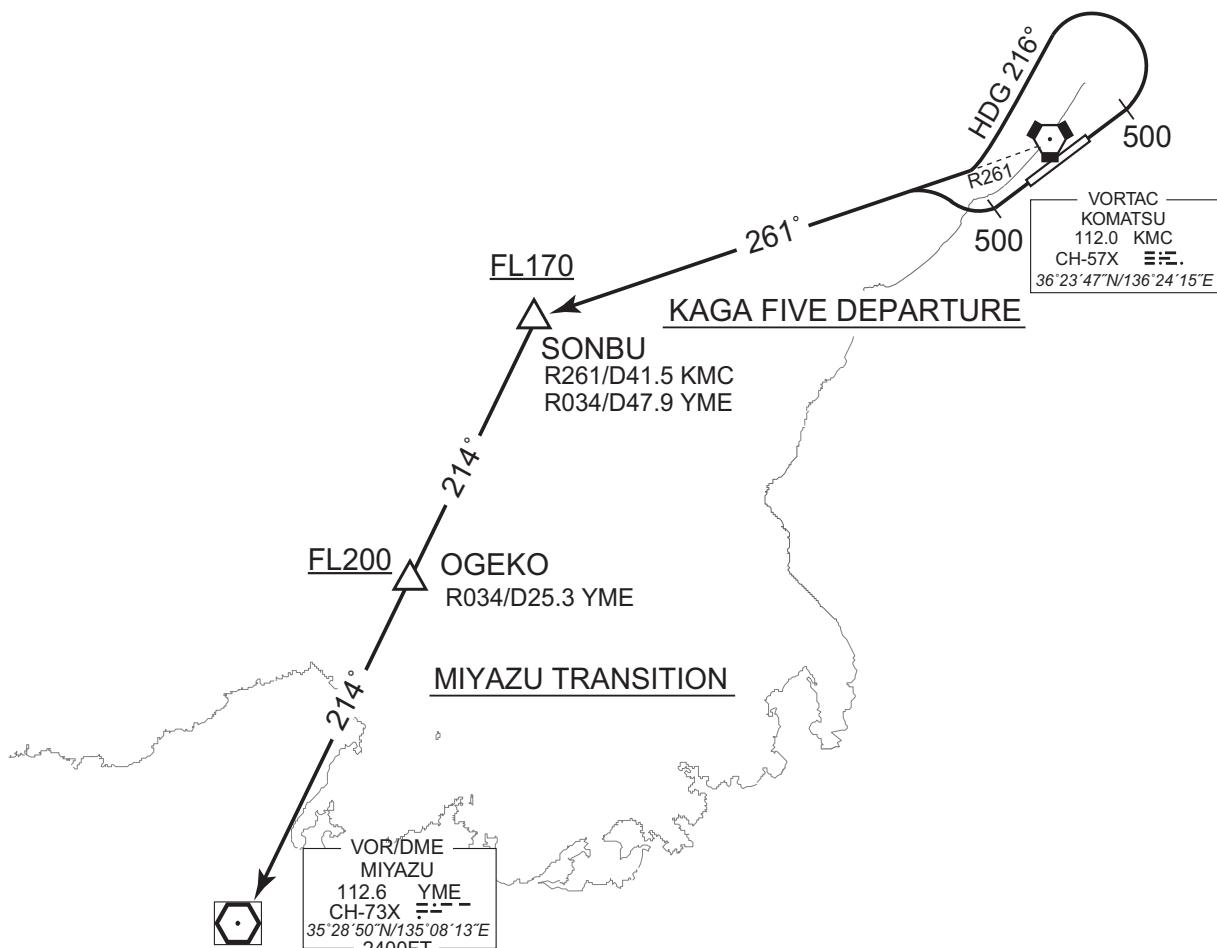
KAGA FIVE DEPARTURE

RWY 06 : Climb RWY HDG to 500FT, turn left HDG 216°...
RWY 24 : Climb RWY HDG to 500FT, turn right,...
...to intercept and proceed via KMC R261 to SONBU.
Cross SONBU at or above FL170.

MIYAZU TRANSITION

From over SONBU, via YME R034 to YME VOR/DME via OGEKO.
Cross OGEKO at or above FL200.

CHANGE : Correction of description.



INTENTIONALLY LEFT BLANK

STANDARD ARRIVAL CHART-INSTRUMENT

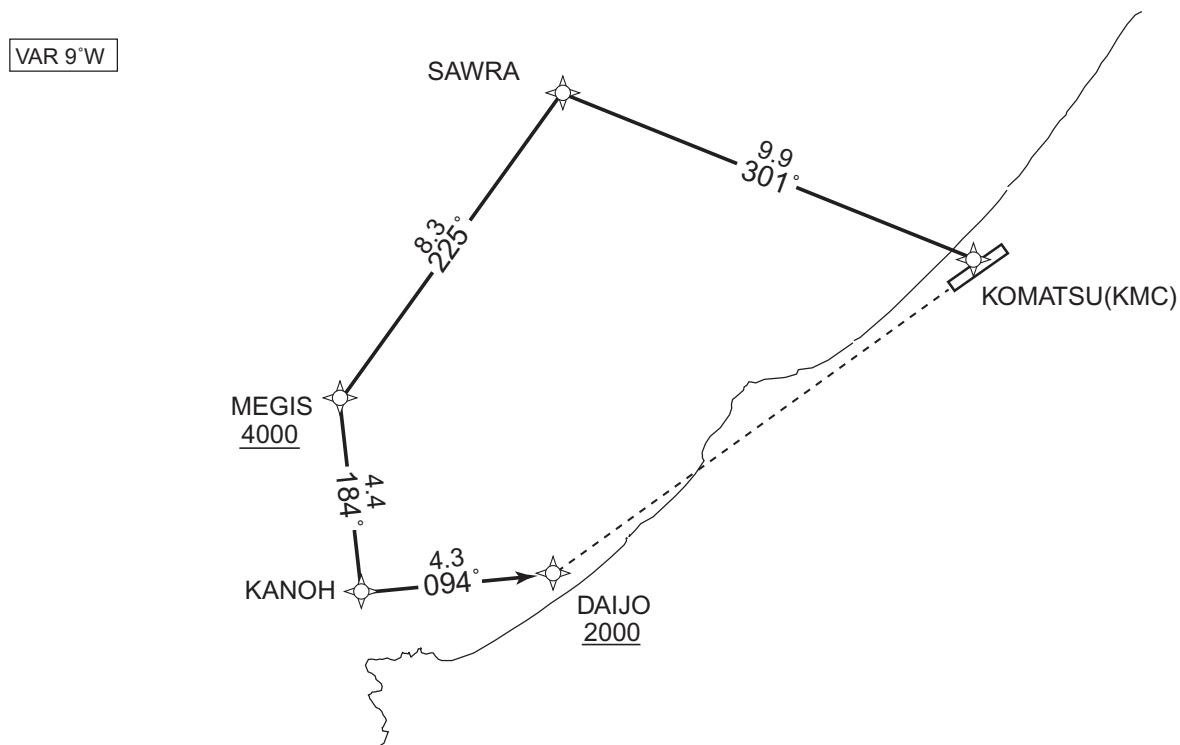
RJNK / KOMATSU

RNAV STAR RWY06

KOMATSU WEST ARRIVAL

RNP1

Note GNSS required.



From KMC, to SAWRA, to MEGIS at or above 4000FT, to KANOH, to DAIJO at or above 2000FT.

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	KMC	—	—	-8.6	—	—	—	—	—	RNP1
002	TF	SAWRA	—	301 (292.6)	-8.6	9.9	—	—	—	—	RNP1
003	TF	MEGIS	—	225 (216.5)	-8.6	8.3	—	+4000	—	—	RNP1
004	TF	KANOH	—	184 (175.0)	-8.6	4.4	—	—	—	—	RNP1
005	TF	DAIJO	—	094 (084.9)	-8.6	4.3	—	+2000	—	—	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
KMC	362347.3N / 1362415.3E
SAWRA	362735.2N / 1361253.1E
MEGIS	362054.4N / 1360645.1E
KANOH	361631.0N / 1360713.9E
DAIJO	361653.7N / 1361231.8E

CHANGE : PROC course. VAR. Navigation Specification. Waypoint Coordinates added.

STANDARD ARRIVAL CHART-INSTRUMENT

RJNK / KOMATSU

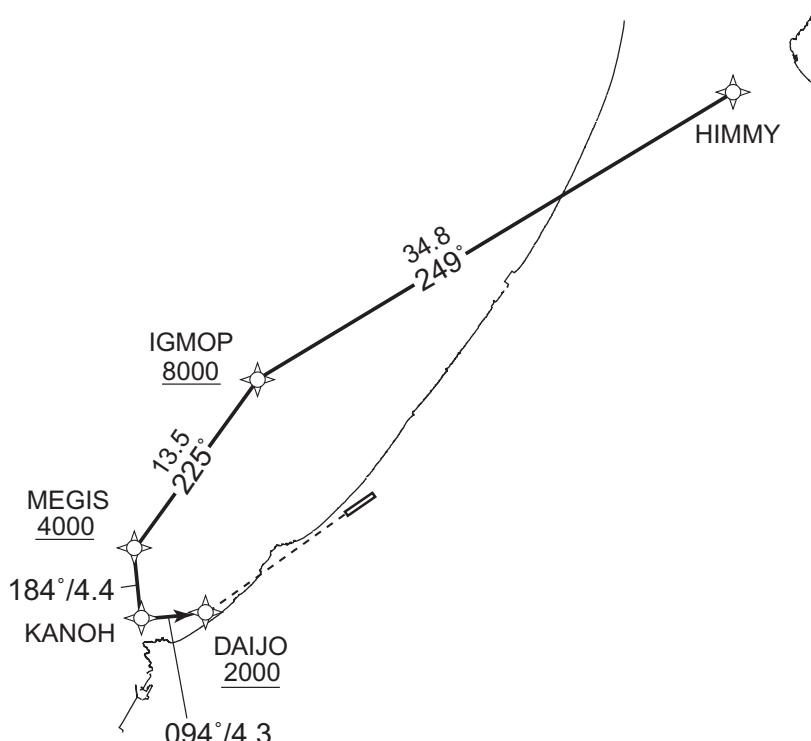
RNAV STAR RWY06

HIMMY WEST ARRIVAL

RNP1

Note GNSS required.

VAR 9°W



From HIMMY, to IGMOP at or above 8000FT, to MEGIS at or above 4000FT,
to KANOH, to DAIJO at or above 2000FT.

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	HIMMY	—	—	-8.6	—	—	—	—	—	RNP1
002	TF	IGMOP	—	249 (239.9)	-8.6	34.8	—	+8000	—	—	RNP1
003	TF	MEGIS	—	225 (216.5)	-8.6	13.5	—	+4000	—	—	RNP1
004	TF	KANOH	—	184 (175.0)	-8.6	4.4	—	—	—	—	RNP1
005	TF	DAIJO	—	094 (084.9)	-8.6	4.3	—	+2000	—	—	RNP1

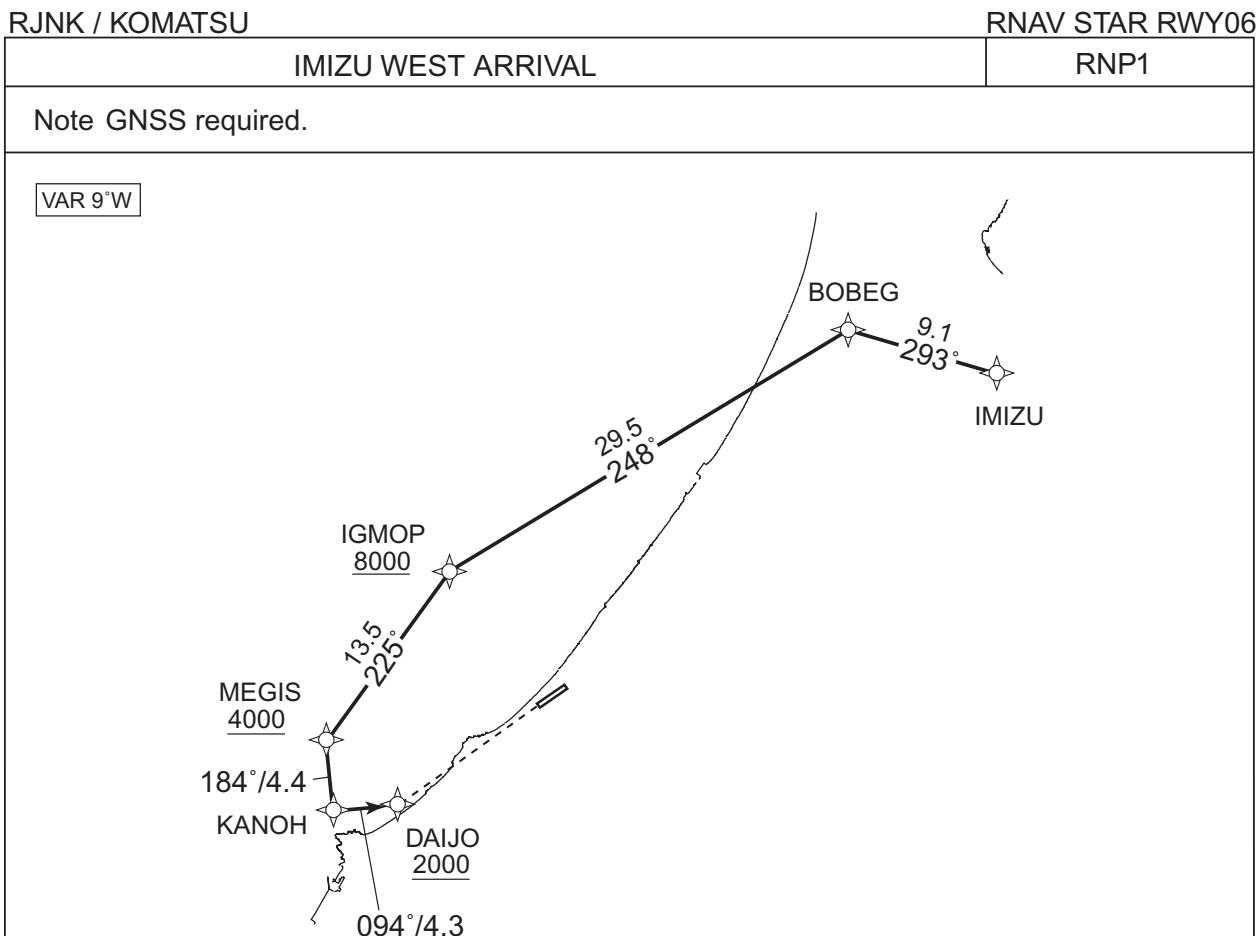
Waypoint Coordinates

Waypoint Identifier	Coordinates
HIMMY	364916.0N / 1365406.9E
IGMOP	363143.7N / 1361642.1E
MEGIS	362054.4N / 1360645.1E
KANOH	361631.0N / 1360713.9E
DAIJO	361653.7N / 1361231.8E

CHANGE : IGMOP established. PROC course. VAR. Navigation Specification. Waypoint Coordinates added.

STANDARD ARRIVAL CHART-INSTRUMENT

CHANGE : BOBEG, IGMOP established. PROC course. VAR. DIST FM IMIZU to IGMOP. Navigation Specification. Waypoint Coordinates added.



From IMIZU, to BOBEG, to IGMOP at or above 8000FT, to MEGIS at or above 4000FT, to KANOH, to DAIJO at or above 2000FT.

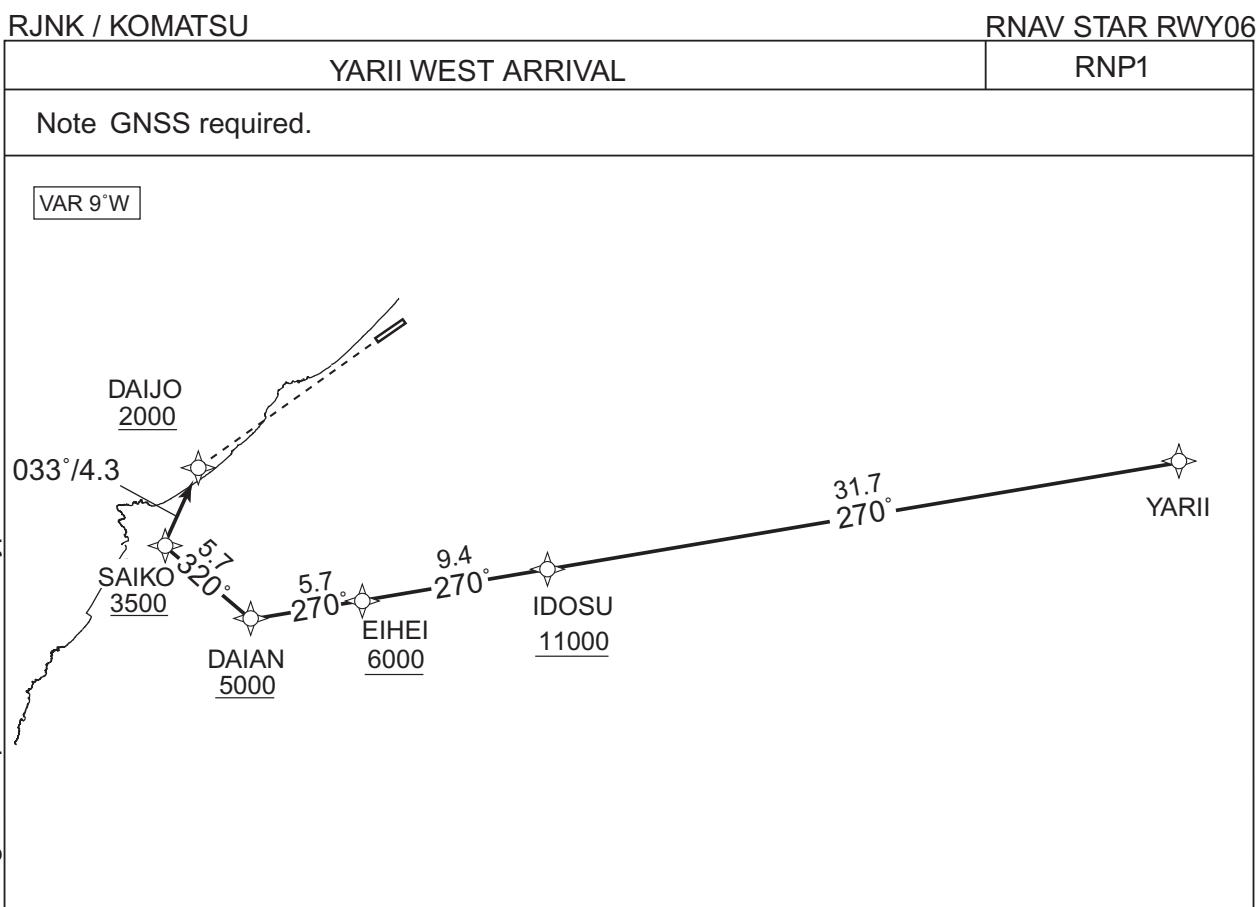
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	IMIZU	—	—	-8.6	—	—	—	—	—	RNP1
002	TF	BOBEG	—	293 (284.4)	-8.6	9.1	—	—	—	—	RNP1
003	TF	IGMOP	—	248 (239.8)	-8.6	29.5	—	+8000	—	—	RNP1
004	TF	MEGIS	—	225 (216.5)	-8.6	13.5	—	+4000	—	—	RNP1
005	TF	KANOH	—	184 (175.0)	-8.6	4.4	—	—	—	—	RNP1
006	TF	DAIJO	—	094 (084.9)	-8.6	4.3	—	+2000	—	—	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
IMIZU	364422.4N / 1365925.6E	MEGIS	362054.4N / 1360645.1E
BOBEG	364637.5N / 1364826.0E	KANOH	361631.0N / 1360713.9E
IGMOP	363143.7N / 1361642.1E	DAIJO	361653.7N / 1361231.8E

STANDARD ARRIVAL CHART-INSTRUMENT

CHANGE : IDOSU established. HESEN abolished. HESEN established. VAR. Navigation Specification. VAR. Waypoint Coordinates added.



From YARII, to IDOSU at or above 11000FT, to EIHEI at or above 6000FT, to DAIAN at or above 5000FT, to SAIKO at or above 3500FT, to DAIJO at or above 2000FT.

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	YARII	—	—	-8.6	—	—	—	—	—	RNP1
002	TF	IDOSU	—	270 (261.6)	-8.6	31.7	—	+11000	—	—	RNP1
003	TF	EIHEI	—	270 (261.3)	-8.6	9.4	—	+6000	—	—	RNP1
004	TF	DAIAN	—	270 (261.1)	-8.6	5.7	—	+5000	—	—	RNP1
005	TF	SAIKO	—	320 (311.3)	-8.6	5.7	—	+3500	—	—	RNP1
006	TF	DAIJO	—	033 (024.9)	-8.6	4.3	—	+2000	—	—	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
YARII	361613.6N / 1371252.5E	DAIAN	360912.7N / 1361231.8E
IDOSU	361131.0N / 1363400.2E	SAIKO	361259.4N / 1361017.1E
EIHEI	361005.1N / 1362232.5E	DAIJO	361653.7N / 1361231.8E

STANDARD ARRIVAL CHART-INSTRUMENT

RJNK / KOMATSU

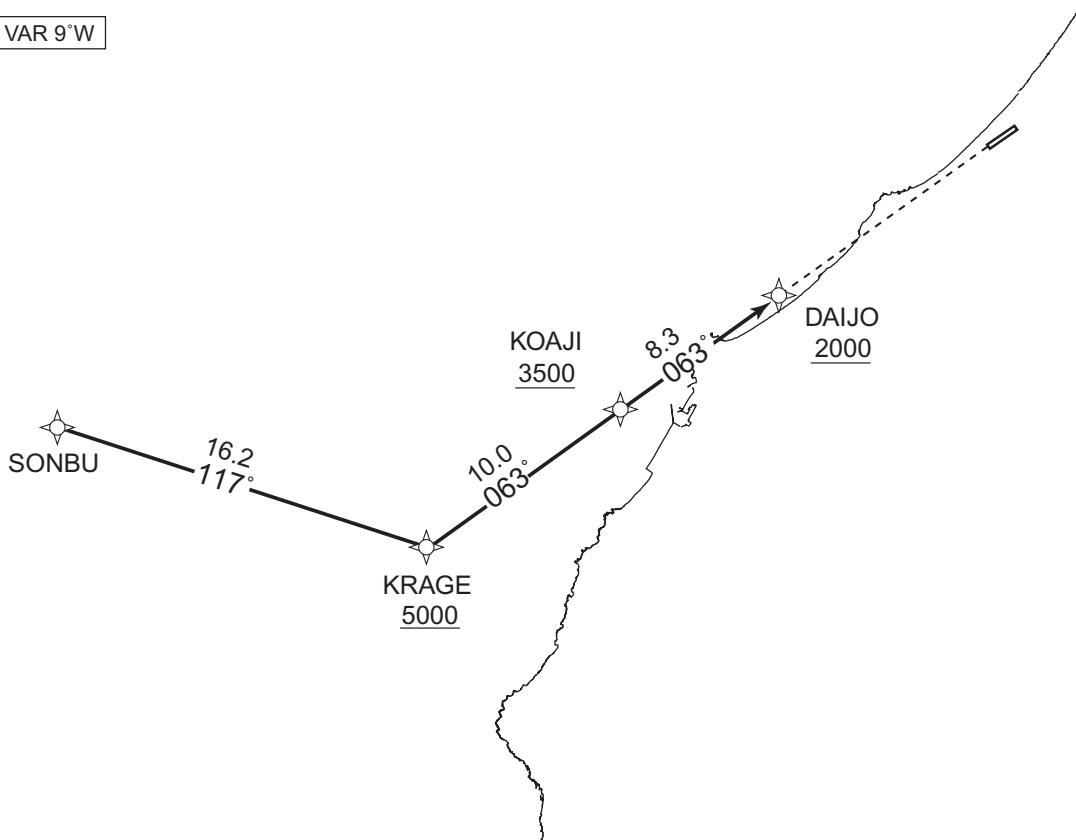
RNAV STAR RWY06

SONBU WEST ARRIVAL

RNP1

Note GNSS required.

VAR 9°W



From SONBU, to KRAGE at or above 5000FT, to KOAJI at or above 3500FT,
to DAIJO at or above 2000FT.

CHANGE : PROC course. VAR. Navigation Specification. Waypoint Coordinates added.

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	SONBU	—	—	-8.6	—	—	—	—	—	RNP1
002	TF	KRAGE	—	117 (108.5)	-8.6	16.2	—	+5000	—	—	RNP1
003	TF	KOAJI	—	063 (054.7)	-8.6	10.0	—	+3500	—	—	RNP1
004	TF	DAIJO	—	063 (054.8)	-8.6	8.3	—	+2000	—	—	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
SONBU	361132.3N / 1353502.9E
KRAGE	360622.8N / 1355404.3E
KOAJI	361208.8N / 1360410.4E
DAIJO	361653.7N / 1361231.8E

STANDARD ARRIVAL CHART-INSTRUMENT

CHANGE : IKIKI, NOKAB established. ZEBRA, HIRMO abolished.

RJNK / KOMATSU		RNAV STAR RWY24																																																																																
KOMATSU EAST ARRIVAL										RNP1																																																																								
Note GNSS required.																																																																																		
<p>The diagram shows an arrival route starting from KOMATSU(KMC) at the bottom. A solid line leads to YAMJI, then to IKIKI (4000ft). From IKIKI, a solid line continues to NOKAB (2600ft). A dashed line branches off from the solid line between IKIKI and NOKAB. A callout box labeled 'VAR 9°W' is located in the upper left corner of the diagram area.</p>																																																																																		
<p>From KMC, to YAMJI, to IKIKI at or above 4000FT, to NOKAB at or above 2600FT.</p> <table border="1"> <thead> <tr> <th>Serial Number</th> <th>Path Descriptor</th> <th>Waypoint Identifier</th> <th>Fly Over</th> <th>Course °M(°T)</th> <th>Magnetic Variation</th> <th>Distance (NM)</th> <th>Turn Direction</th> <th>Altitude (FT)</th> <th>Speed (KIAS)</th> <th>Vertical Angle</th> <th>Navigation Specification</th> </tr> </thead> <tbody> <tr> <td>001</td> <td>IF</td> <td>KMC</td> <td>—</td> <td>—</td> <td>-8.6</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNP1</td> </tr> <tr> <td>002</td> <td>TF</td> <td>YAMJI</td> <td>—</td> <td>001 (352.5)</td> <td>-8.6</td> <td>9.6</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNP1</td> </tr> <tr> <td>003</td> <td>TF</td> <td>IKIKI</td> <td>—</td> <td>081 (072.2)</td> <td>-8.6</td> <td>4.5</td> <td>—</td> <td>+4000</td> <td>—</td> <td>—</td> <td>RNP1</td> </tr> <tr> <td>004</td> <td>TF</td> <td>NOKAB</td> <td>—</td> <td>084 (075.6)</td> <td>-8.6</td> <td>5.0</td> <td>—</td> <td>+2600</td> <td>—</td> <td>—</td> <td>RNP1</td> </tr> </tbody> </table> <p><u>Waypoint Coordinates</u></p> <table border="1"> <thead> <tr> <th>Waypoint Identifier</th> <th>Coordinates</th> </tr> </thead> <tbody> <tr> <td>KMC</td> <td>362347.3N / 1362415.3E</td> </tr> <tr> <td>YAMJI</td> <td>363316.8N / 1362242.5E</td> </tr> <tr> <td>IKIKI</td> <td>363438.8N / 1362801.2E</td> </tr> <tr> <td>NOKAB</td> <td>363553.0N / 1363402.3E</td> </tr> </tbody> </table>													Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification	001	IF	KMC	—	—	-8.6	—	—	—	—	—	RNP1	002	TF	YAMJI	—	001 (352.5)	-8.6	9.6	—	—	—	—	RNP1	003	TF	IKIKI	—	081 (072.2)	-8.6	4.5	—	+4000	—	—	RNP1	004	TF	NOKAB	—	084 (075.6)	-8.6	5.0	—	+2600	—	—	RNP1	Waypoint Identifier	Coordinates	KMC	362347.3N / 1362415.3E	YAMJI	363316.8N / 1362242.5E	IKIKI	363438.8N / 1362801.2E	NOKAB	363553.0N / 1363402.3E
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	KMC	—	—	-8.6	—	—	—	—	—	RNP1																																																																							
002	TF	YAMJI	—	001 (352.5)	-8.6	9.6	—	—	—	—	RNP1																																																																							
003	TF	IKIKI	—	081 (072.2)	-8.6	4.5	—	+4000	—	—	RNP1																																																																							
004	TF	NOKAB	—	084 (075.6)	-8.6	5.0	—	+2600	—	—	RNP1																																																																							
Waypoint Identifier	Coordinates																																																																																	
KMC	362347.3N / 1362415.3E																																																																																	
YAMJI	363316.8N / 1362242.5E																																																																																	
IKIKI	363438.8N / 1362801.2E																																																																																	
NOKAB	363553.0N / 1363402.3E																																																																																	

STANDARD ARRIVAL CHART-INSTRUMENT

RJNK / KOMATSU

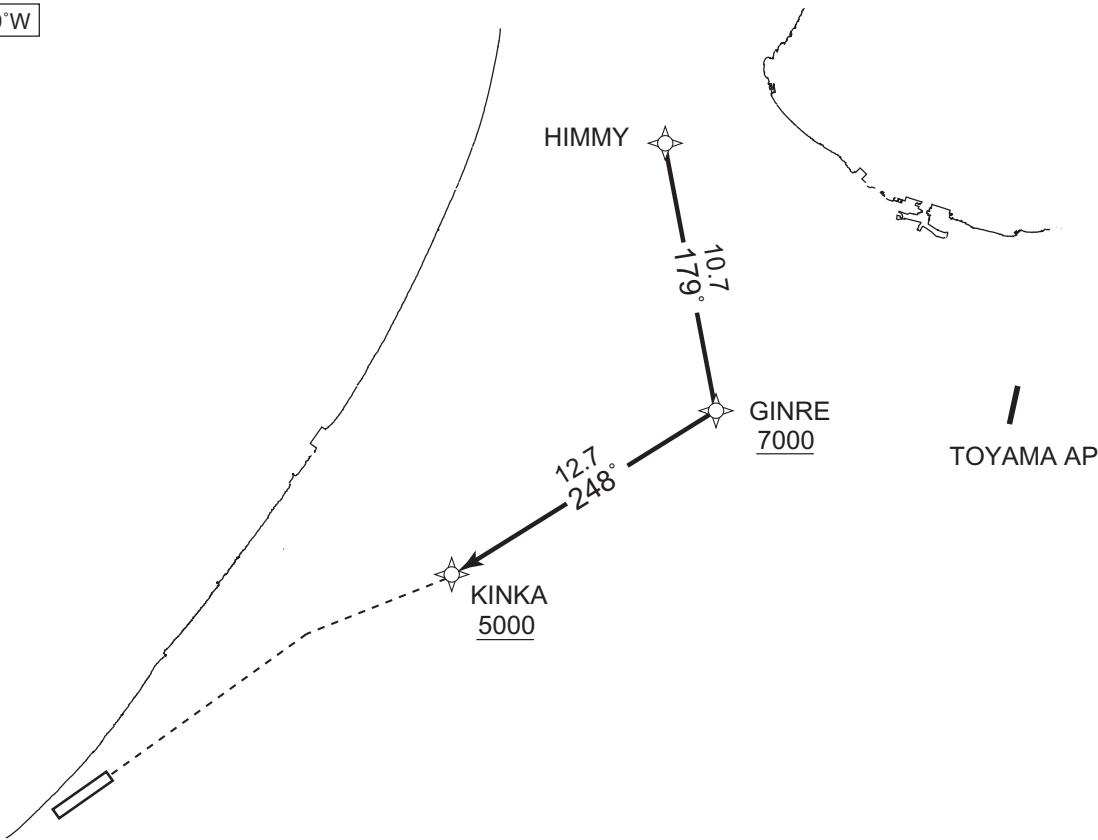
RNAV STAR RWY24

HIMMY EAST ARRIVAL

RNP1

Note GNSS required.

VAR 9°W



From HIMMY, to GINRE at or above 7000FT, to KINKA at or above 5000FT.

CHANGE : PROC course. VAR. Navigation Specification. Waypoint Coordinates added.

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	HIMMY	—	—	-8.6	—	—	—	—	—	RNP1
002	TF	GINRE	—	179 (170.4)	-8.6	10.7	—	+7000	—	—	RNP1
003	TF	KINKA	—	248 (239.1)	-8.6	12.7	—	+5000	—	—	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
HIMMY	364916.0N / 1365406.9E
GINRE	363841.4N / 1365621.2E
KINKA	363210.7N / 1364250.6E

STANDARD ARRIVAL CHART-INSTRUMENT

RJNK / KOMATSU

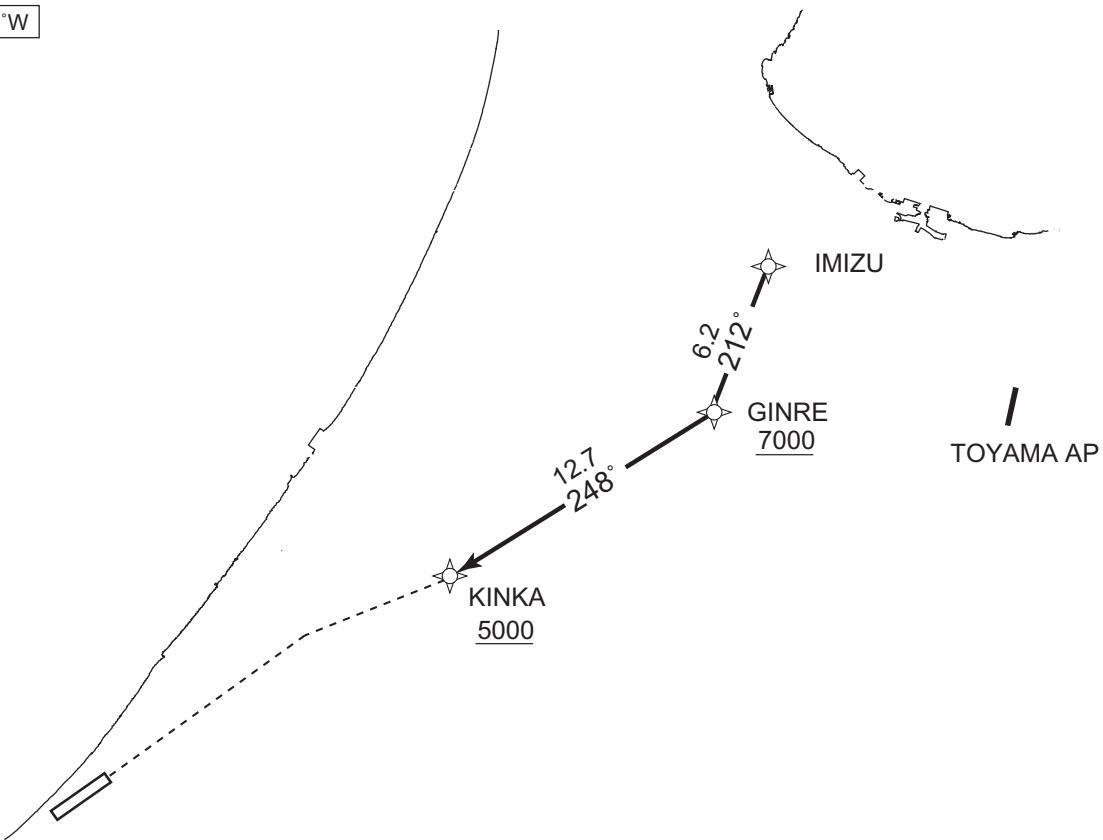
RNAV STAR RWY24

IMIZU EAST ARRIVAL

RNP1

Note GNSS required.

VAR 9°W



From IMIZU, to GINRE at or above 7000FT, to KINKA at or above 5000FT.

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	IMIZU	—	—	-8.6	—	—	—	—	—	RNP1
002	TF	GINRE	—	212 (203.4)	-8.6	6.2	—	+7000	—	—	RNP1
003	TF	KINKA	—	248 (239.1)	-8.6	12.7	—	+5000	—	—	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
IMIZU	364422.4N / 1365925.6E
GINRE	363841.4N / 1365621.2E
KINKA	363210.7N / 1364250.6E

STANDARD ARRIVAL CHART-INSTRUMENT

RJNK / KOMATSU

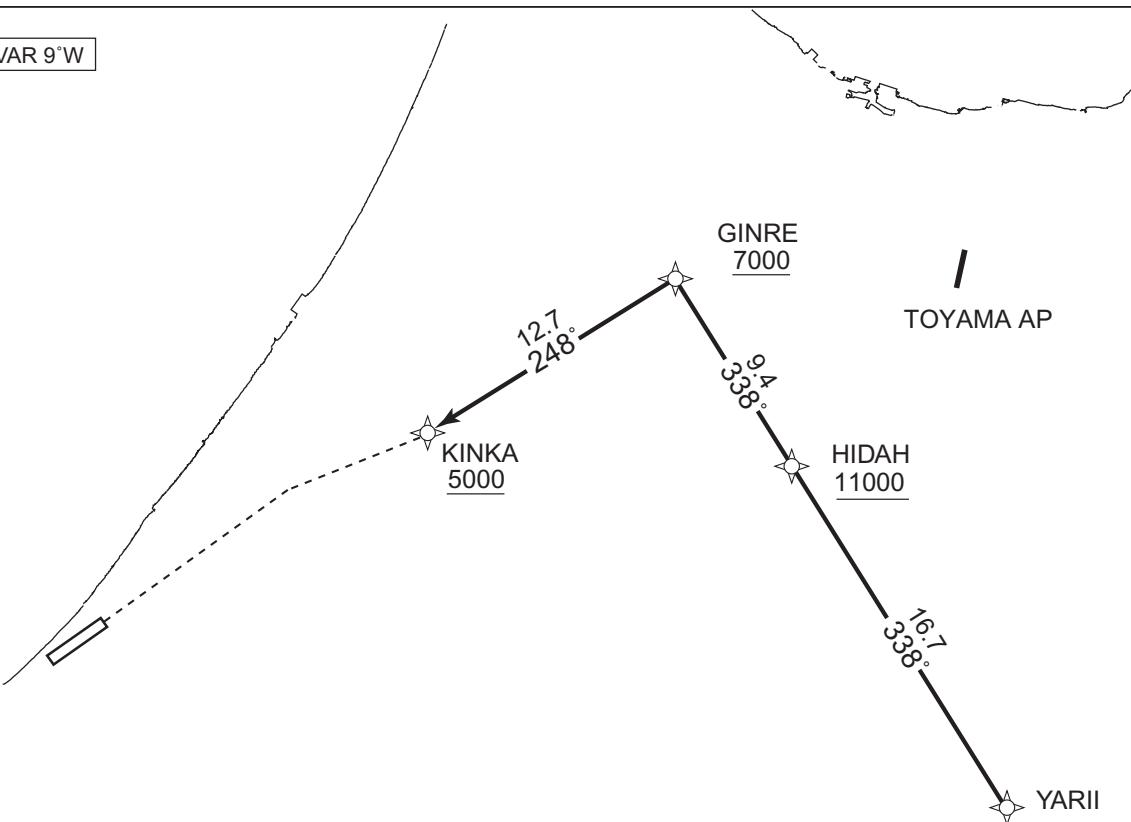
RNAV STAR RWY24

YARII EAST ARRIVAL

RNP1

Note GNSS required.

VAR 9°W



From YARII, to HIDAH at or above 11000FT, to GINRE at or above 7000FT, to KINKA at or above 5000FT.

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	YARII	—	—	-8.6	—	—	—	—	—	RNP1
002	TF	HIDAH	—	338 (329.5)	-8.6	16.7	—	+11000	—	—	RNP1
003	TF	GINRE	—	338 (329.4)	-8.6	9.4	—	+7000	—	—	RNP1
004	TF	KINKA	—	248 (239.1)	-8.6	12.7	—	+5000	—	—	RNP1

Waypoint Coordinates

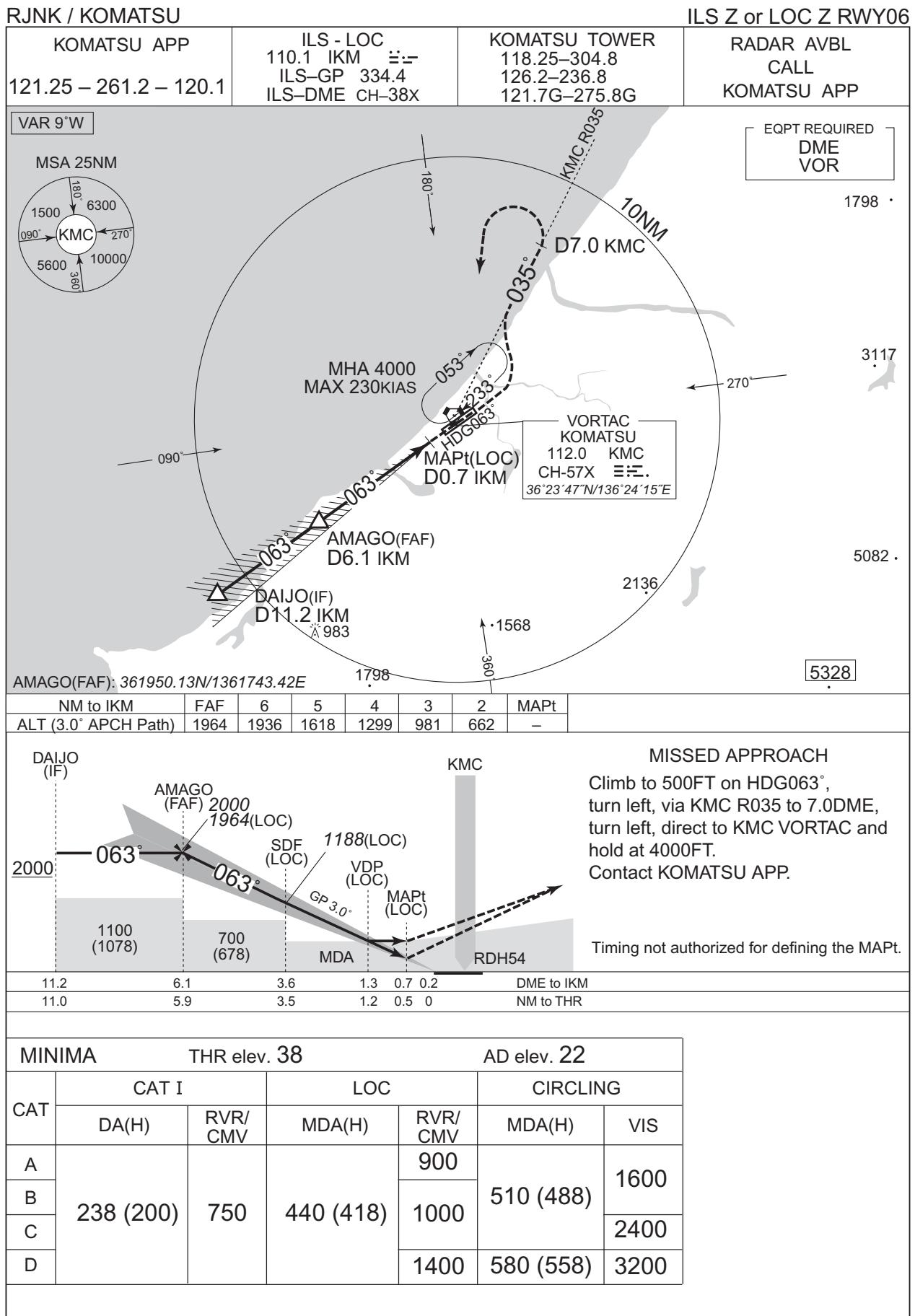
Waypoint Identifier	Coordinates
YARII	361613.6N / 1371252.5E
HIDAH	363035.8N / 1370219.6E
GINRE	363841.4N / 1365621.2E
KINKA	363210.7N / 1364250.6E

CHANGE : PROC course. VAR. Navigation Specification. Waypoint Coordinates added.

STANDARD ARRIVAL CHART-INSTRUMENT

RJNK / KOMATSU		RNAV STAR RWY24																																																																																	
CHANGE : IGMOP, IKIKI, NOKAB established. BURRI, ZEBRA, HIMRO abolished.	SONBU EAST ARRIVAL		RNP1																																																																																
	Note GNSS required.																																																																																		
<p>The diagram shows an arrival route starting from SONBU, heading towards IGMOP at or above 8000FT (course 067°), then to IKIKI at or above 4000FT (course 081°), and finally to NOKAB at or above 2600FT (course 084°). The route includes a turn at IKIKI and a final segment to NOKAB. A VAR 9°W callout is shown on the left.</p>																																																																																			
<p>From SONBU, to IGMOP at or above 8000FT, to IKIKI at or above 4000FT, to NOKAB at or above 2600FT.</p>																																																																																			
<table border="1"> <thead> <tr> <th>Serial Number</th><th>Path Descriptor</th><th>Waypoint Identifier</th><th>Fly Over</th><th>Course °M(°T)</th><th>Magnetic Variation</th><th>Distance (NM)</th><th>Turn Direction</th><th>Altitude (FT)</th><th>Speed (KIAS)</th><th>Vertical Angle</th><th>Navigation Specification</th><th> </th><th> </th></tr> </thead> <tbody> <tr> <td>001</td><td>IF</td><td>SONBU</td><td>—</td><td>—</td><td>-8.6</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td>RNP1</td><td> </td><td> </td></tr> <tr> <td>002</td><td>TF</td><td>IGMOP</td><td>—</td><td>067 (058.8)</td><td>-8.6</td><td>39.2</td><td>—</td><td>+8000</td><td>—</td><td>—</td><td>RNP1</td><td> </td><td> </td></tr> <tr> <td>003</td><td>TF</td><td>IKIKI</td><td>—</td><td>081 (072.1)</td><td>-8.6</td><td>9.6</td><td>—</td><td>+4000</td><td>—</td><td>—</td><td>RNP1</td><td> </td><td> </td></tr> <tr> <td>004</td><td>TF</td><td>NOKAB</td><td>—</td><td>084 (075.6)</td><td>-8.6</td><td>5.0</td><td>—</td><td>+2600</td><td>—</td><td>—</td><td>RNP1</td><td> </td><td> </td></tr> </tbody> </table>														Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification			001	IF	SONBU	—	—	-8.6	—	—	—	—	—	RNP1			002	TF	IGMOP	—	067 (058.8)	-8.6	39.2	—	+8000	—	—	RNP1			003	TF	IKIKI	—	081 (072.1)	-8.6	9.6	—	+4000	—	—	RNP1			004	TF	NOKAB	—	084 (075.6)	-8.6	5.0	—	+2600	—	—	RNP1		
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	SONBU	—	—	-8.6	—	—	—	—	—	RNP1																																																																								
002	TF	IGMOP	—	067 (058.8)	-8.6	39.2	—	+8000	—	—	RNP1																																																																								
003	TF	IKIKI	—	081 (072.1)	-8.6	9.6	—	+4000	—	—	RNP1																																																																								
004	TF	NOKAB	—	084 (075.6)	-8.6	5.0	—	+2600	—	—	RNP1																																																																								
<p style="text-align: center;"><u>Waypoint Coordinates</u></p> <table border="1"> <thead> <tr> <th>Waypoint Identifier</th><th>Coordinates</th></tr> </thead> <tbody> <tr> <td>SONBU</td><td>361132.3N / 1353502.9E</td></tr> <tr> <td>IGMOP</td><td>363143.7N / 1361642.1E</td></tr> <tr> <td>IKIKI</td><td>363438.8N / 1362801.2E</td></tr> <tr> <td>NOKAB</td><td>363553.0N / 1363402.3E</td></tr> </tbody> </table>														Waypoint Identifier	Coordinates	SONBU	361132.3N / 1353502.9E	IGMOP	363143.7N / 1361642.1E	IKIKI	363438.8N / 1362801.2E	NOKAB	363553.0N / 1363402.3E																																																												
Waypoint Identifier	Coordinates																																																																																		
SONBU	361132.3N / 1353502.9E																																																																																		
IGMOP	363143.7N / 1361642.1E																																																																																		
IKIKI	363438.8N / 1362801.2E																																																																																		
NOKAB	363553.0N / 1363402.3E																																																																																		

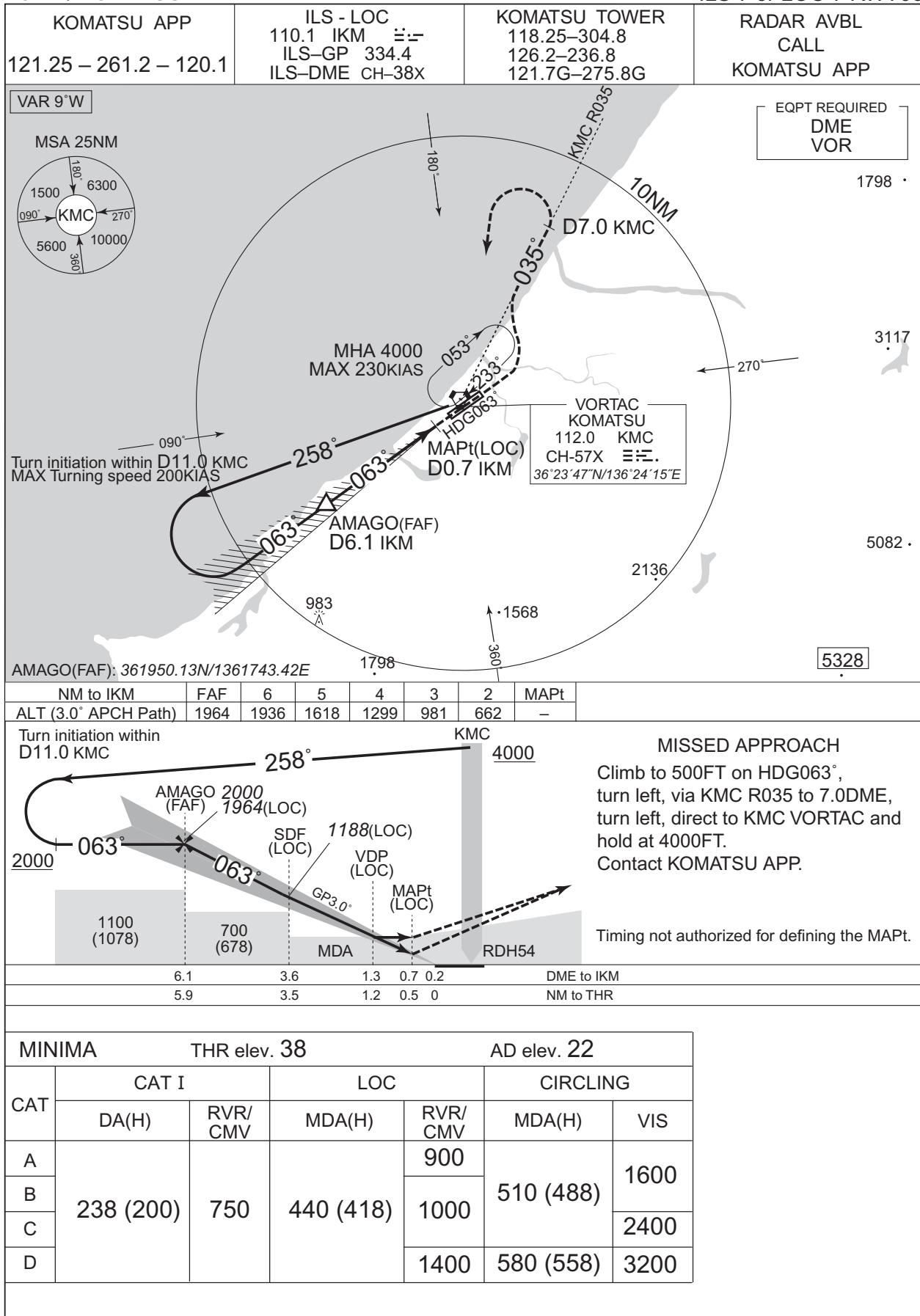
INSTRUMENT APPROACH CHART



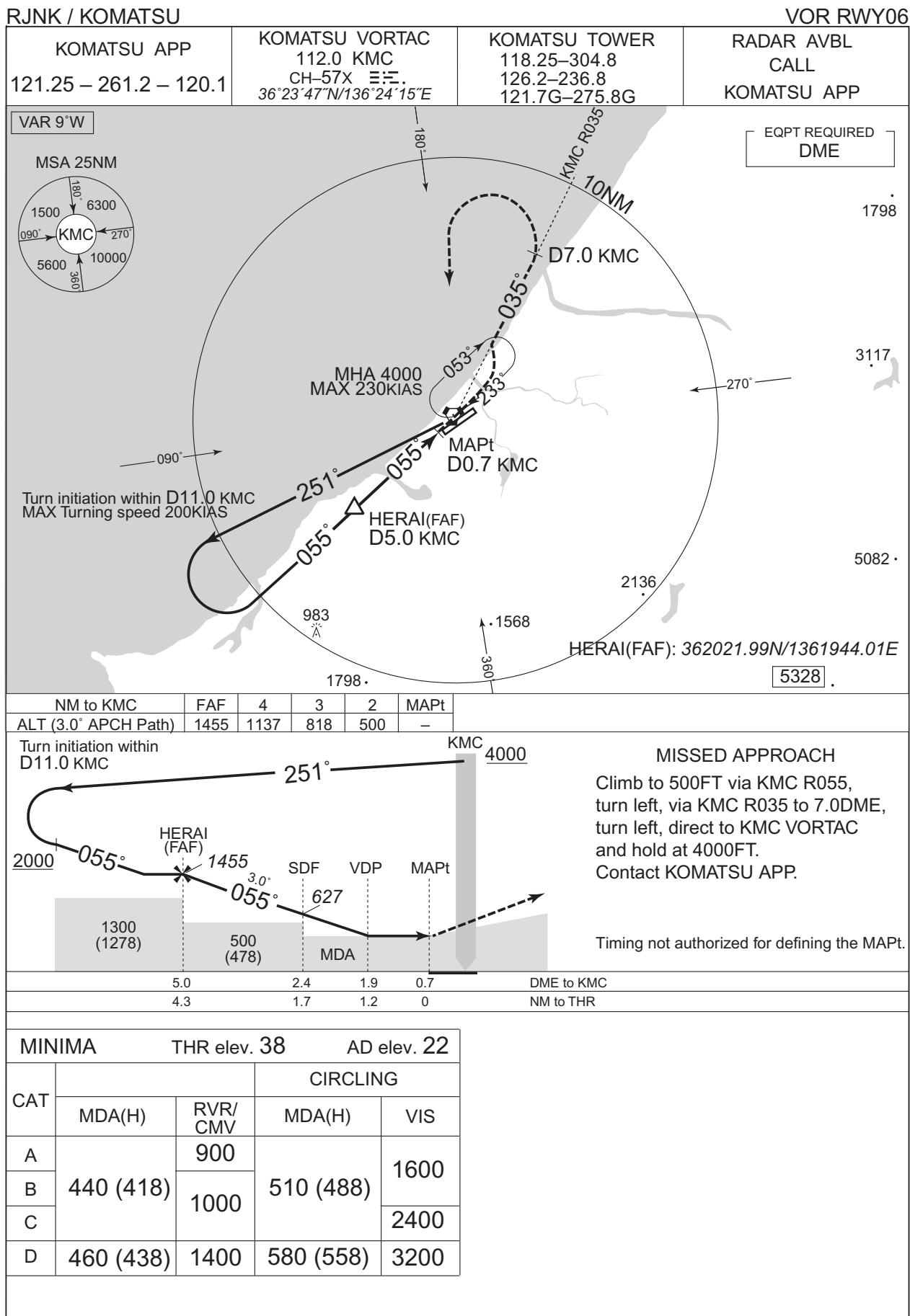
INSTRUMENT APPROACH CHART

RJNK / KOMATSU

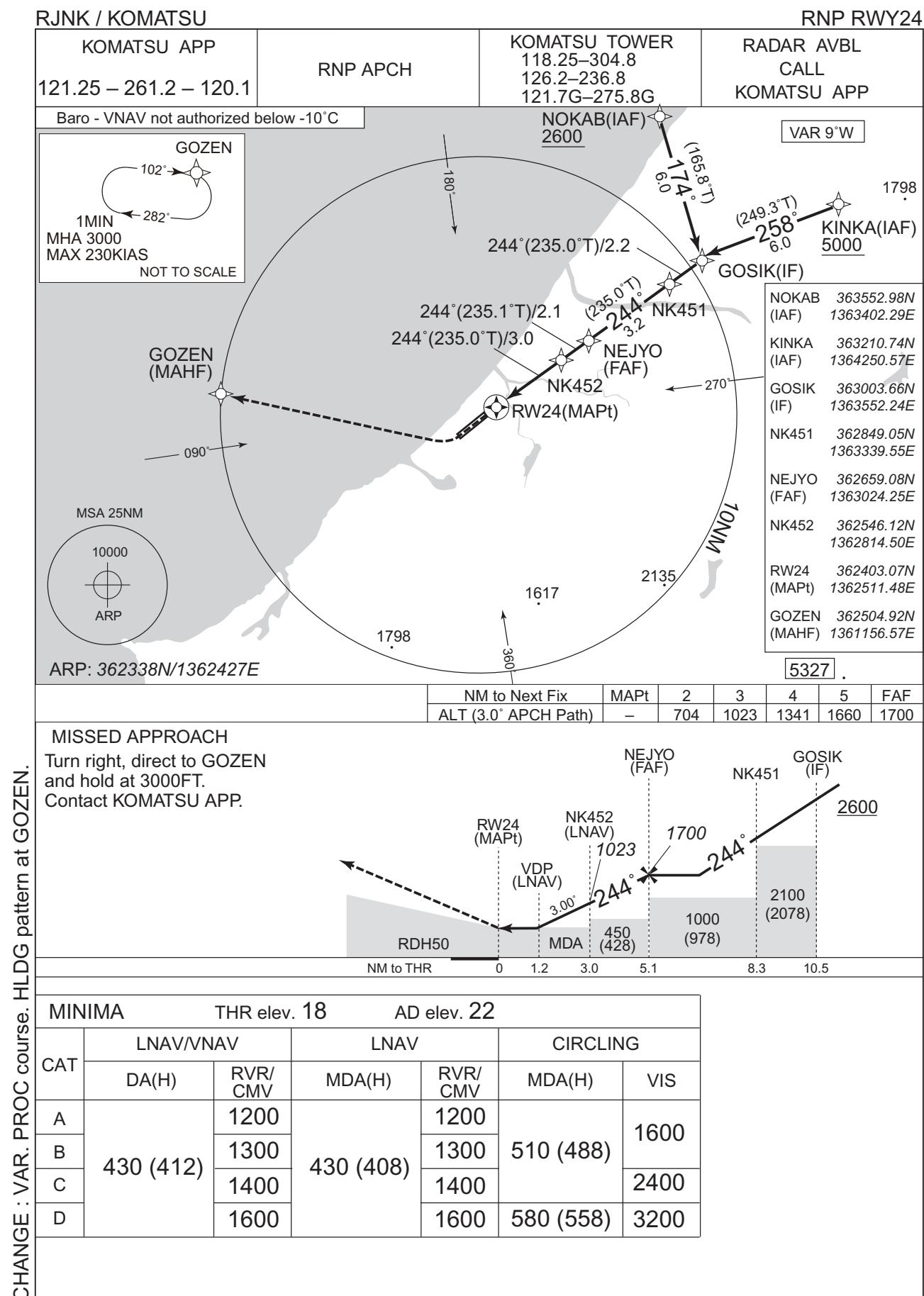
ILS Y or LOC Y RWY06



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

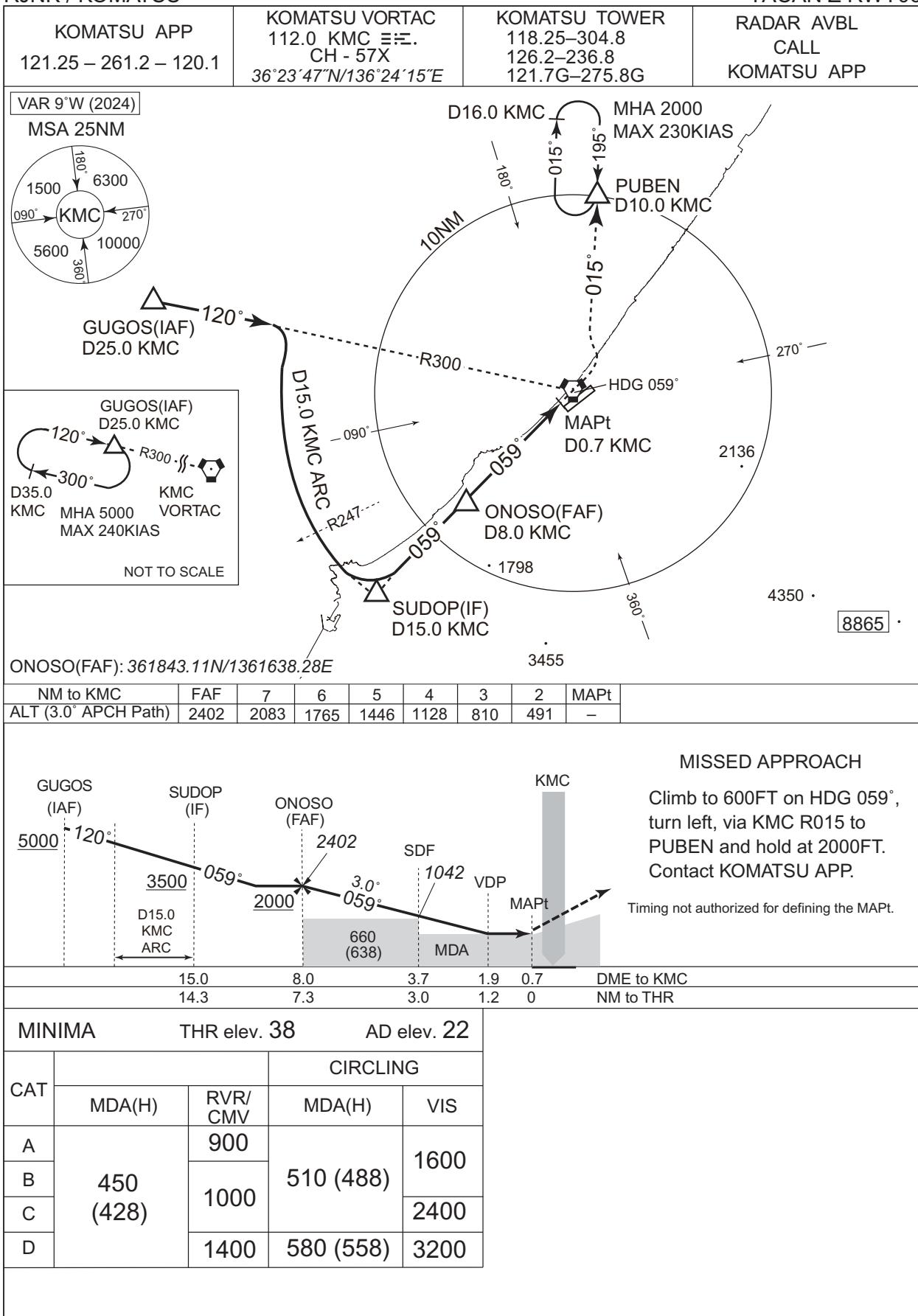


INTENTIONALLY LEFT BLANK

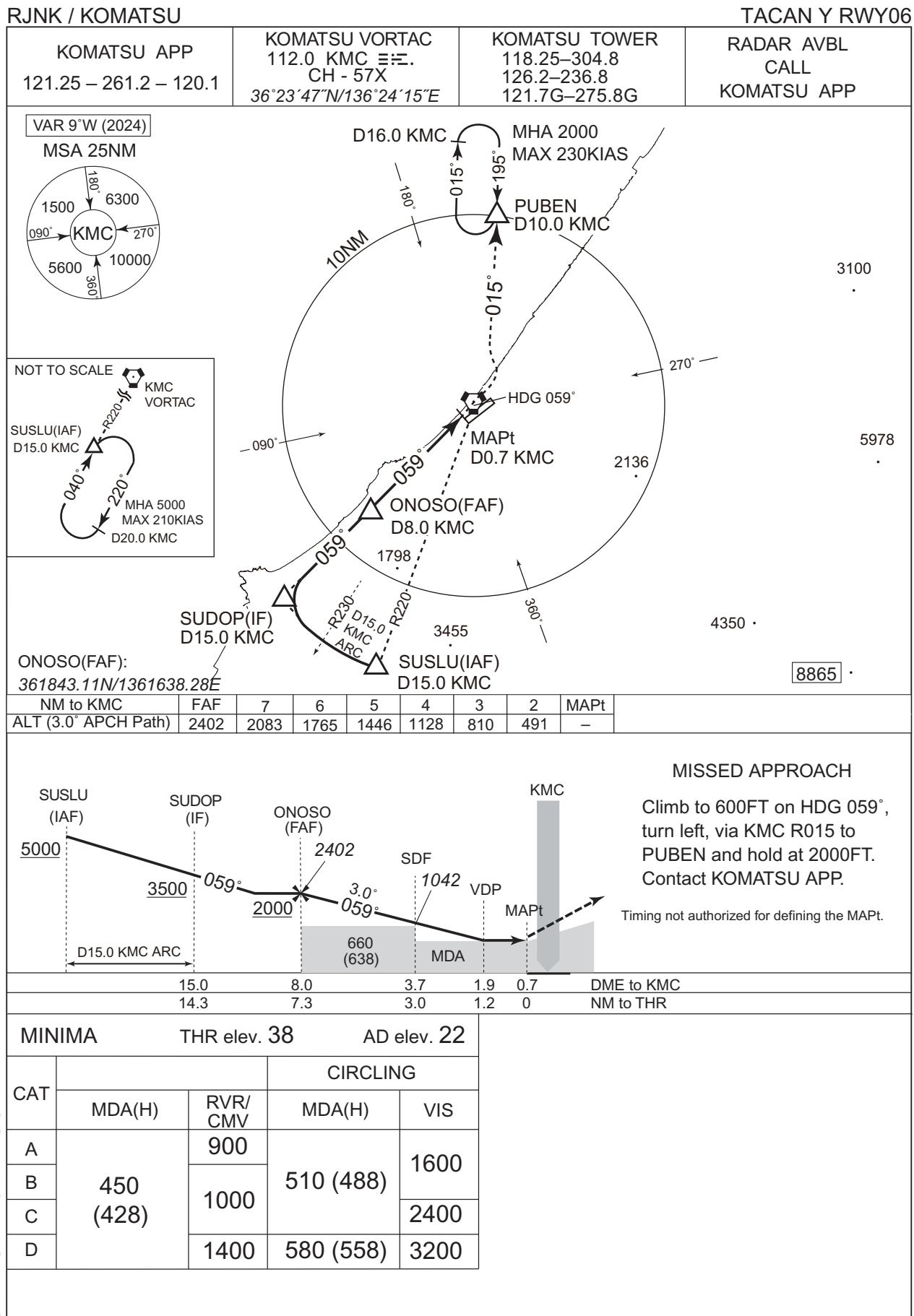
INSTRUMENT APPROACH CHART

RJNK / KOMATSU

TACAN Z RWY06



INSTRUMENT APPROACH CHART

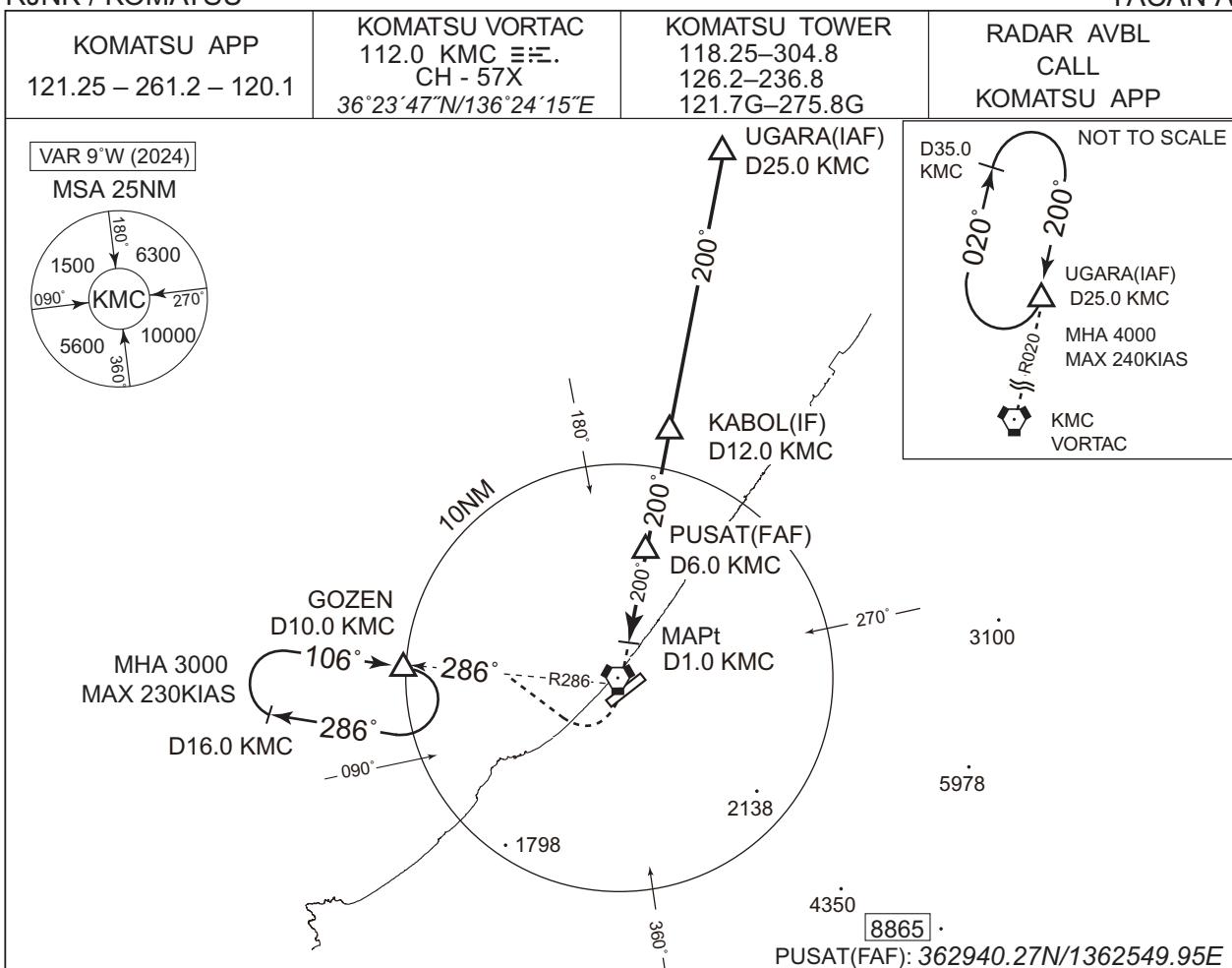


CHANGE : New PROC.

INSTRUMENT APPROACH CHART

RJNK / KOMATSU

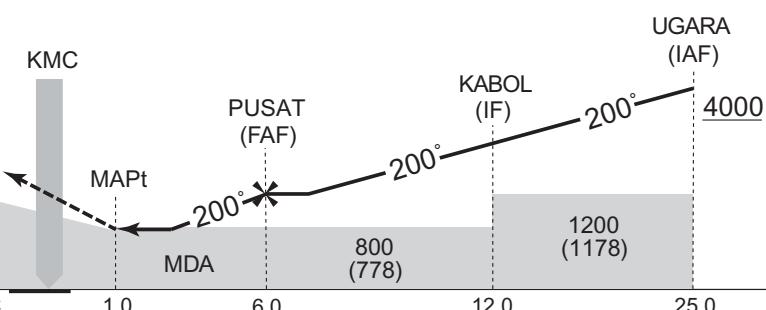
TACAN A



MISSED APPROACH

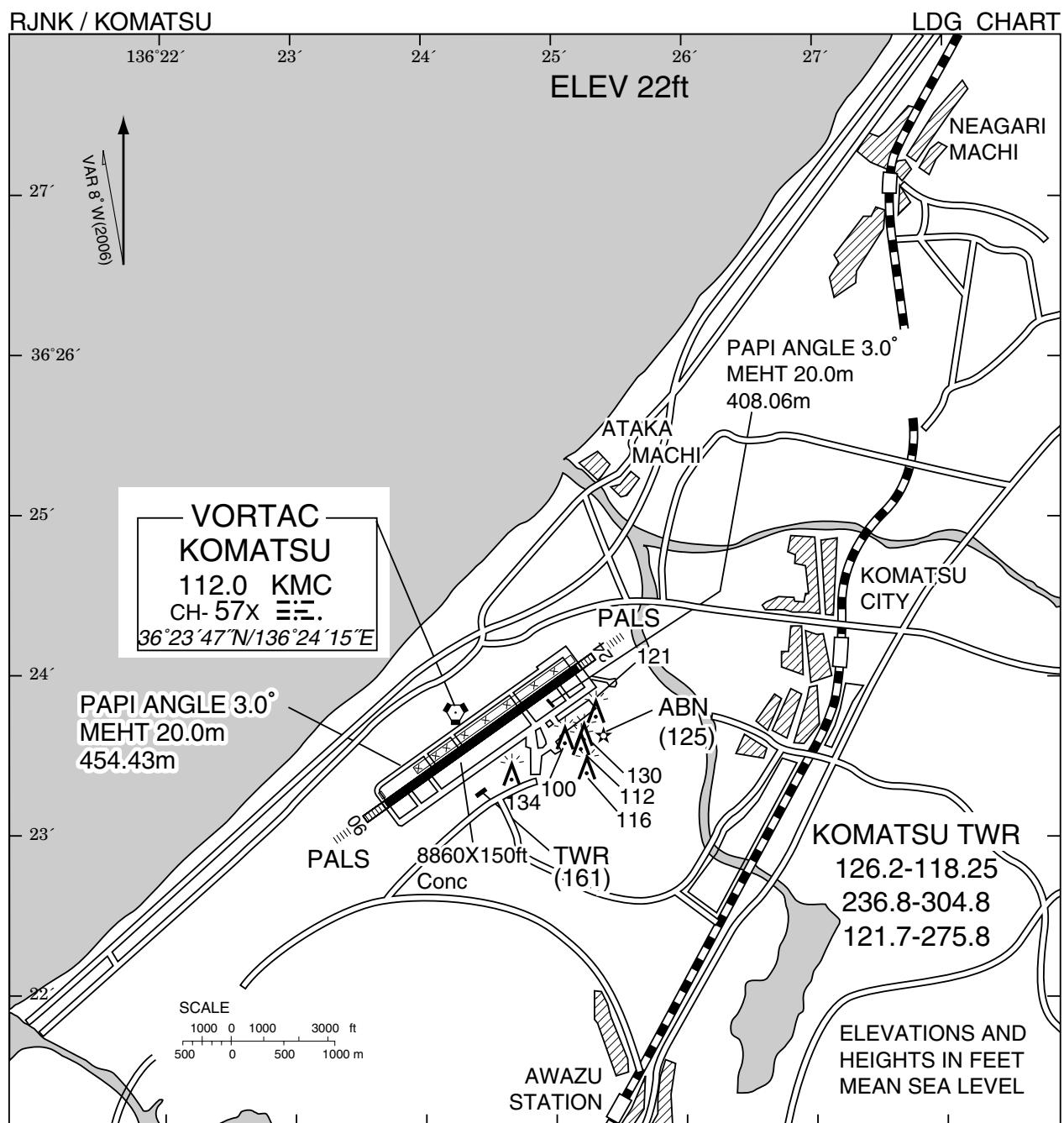
Turn right, climb to 3000FT via KMC R286 to GOZEN and hold.
Contact KOMATSU APP.

Timing not authorized for defining the MAPt.



CHANGE : New PROC.

MINIMA		AD elev. 22
CAT	CIRCLING	
	MDA(H)	VIS
A		1600
B	800 (778)	
C		2400
D		3200



注： 小松飛行場の本滑走路の供用開始に伴い、着陸する航空機は、運用を廃止した仮設滑走路に誤認着陸しないように注意すること。

Note: With an in-service start of this runway of Komatsu aerodrome, warn a landing aircraft not to land at the out-service temporary runway.

- 備考 : 1. 仮設滑走路には禁止標識が設置される (300m以内に1個標準)。
 2. 航空機の到着機がある場合は、気象状態にかかわらず着陸滑走路の進入灯が常時点灯される。
 3. 管制官からの着陸許可発出後に注意喚起のため、次の用語が通報される場合がある。

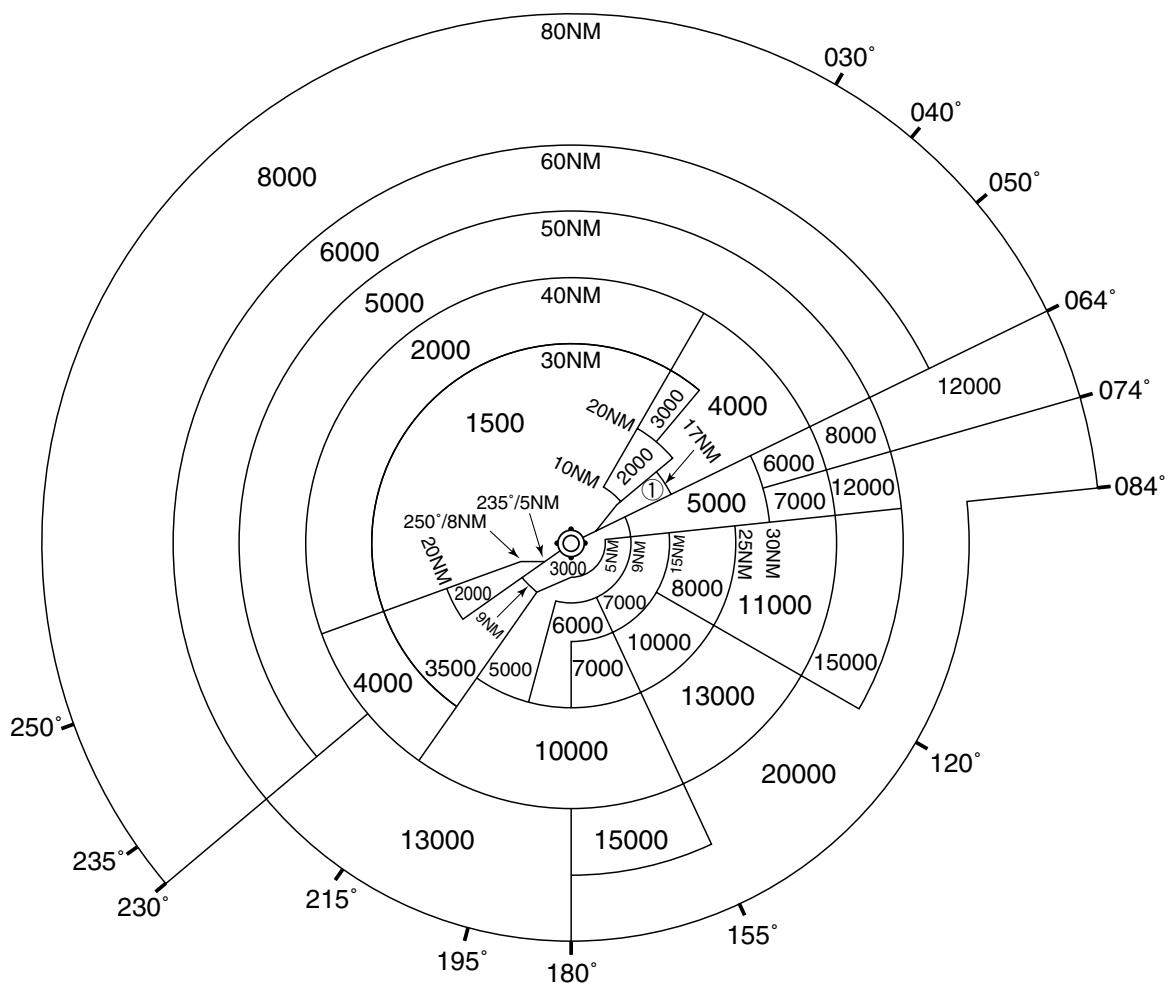
用語例：「VERIFY LANDING RUNWAY.」

- Rem: 1. A closed marking is installed in a temporary runway (one less than 300m, standard).
 2. When there is arrival aircraft, approach lights of a landing runway is always turned on regardless of a weather state.
 3. There is the case that the next term is reported to for attention awakening after a landing permission from a ATC.
 A term example : 「VERIFY LANDING RUNWAY.」

RJNK / KOMATSU

Minimum Vectoring Altitude CHART

VAR 8°W (2009)



CENTER : 362322N/1362441E (RADAR SITE)

