

STANDARD DEPARTURE CHART -INSTRUMENT

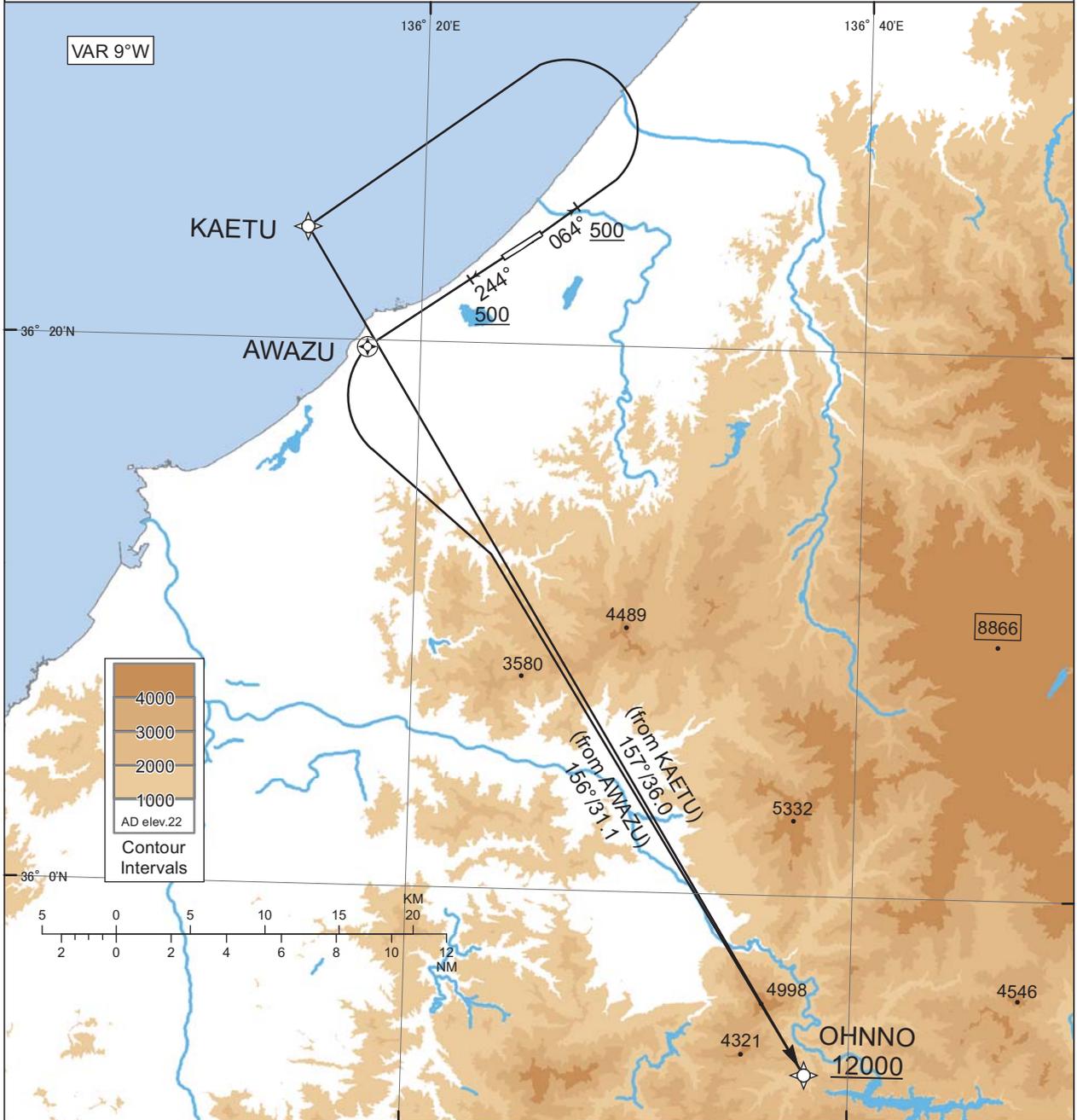
RJNK / KOMATSU

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.

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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.

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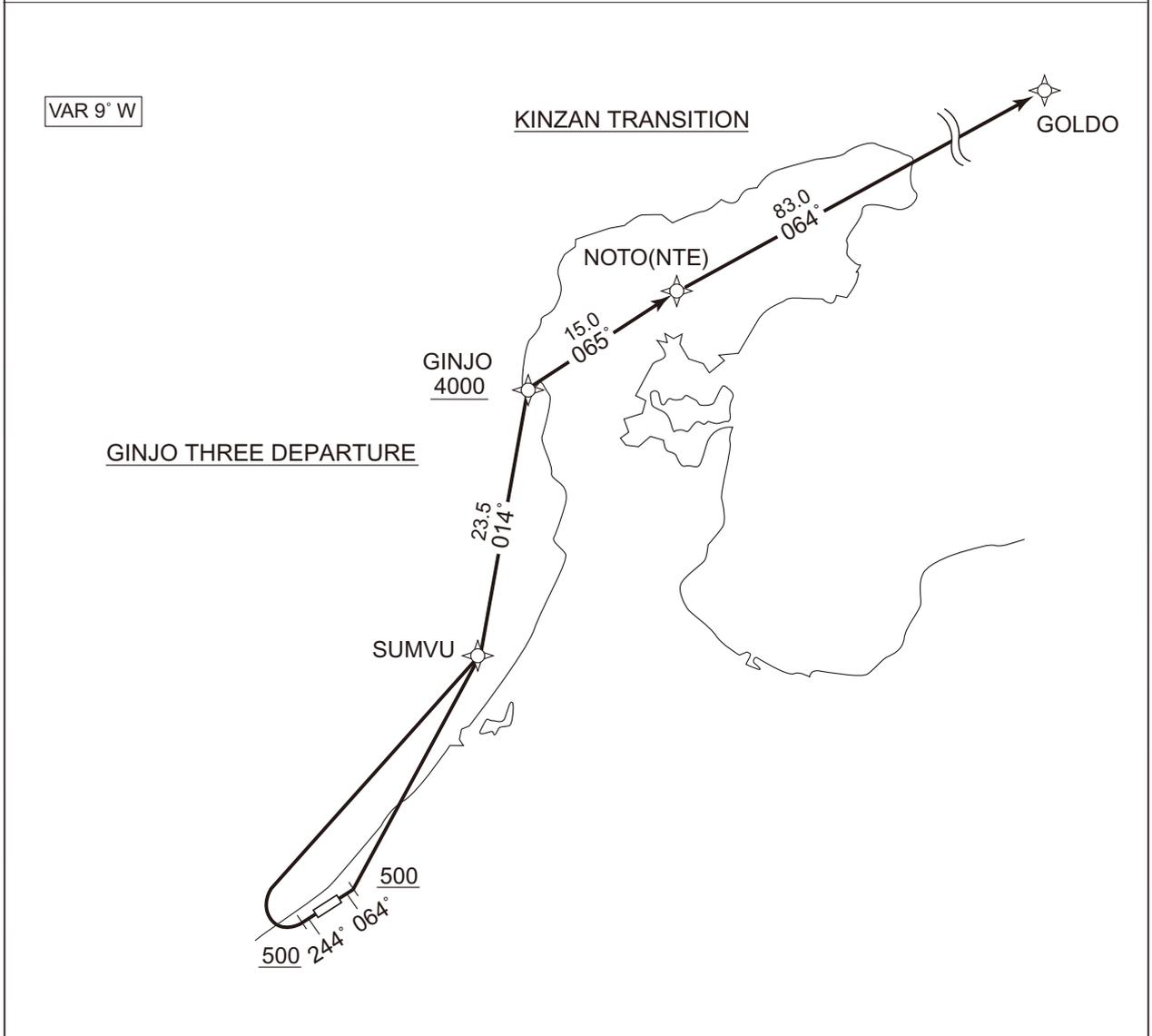
RNAV SID and TRANSITION

GINJO THREE DEPARTURE  
KINZAN TRANSITION

RNP1

Note GNSS required.

CHANGE : SUMVU established. HAKUI abolished. SID renamed. PROC course. ALT restriction at GINJO added.



GINJO THREE DEPARTURE

RWY06 : Climb on HDG064° at or above 500FT, turn left direct to SUMVU, to GINJO at or above 4000FT, to NTE.

RWY24 : Climb on HDG244° at or above 500FT, turn right direct to SUMVU, to GINJO at or above 4000FT, to NTE.

KINZAN TRANSITION

From NTE, to GOLDO.

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. HAKUI abolished. SID renamed. Waypoint Coordinates added. PROC course. VAR. Dist FM SUMVU to GINJO. ALT restriction at GINJO. Navigation Specification.

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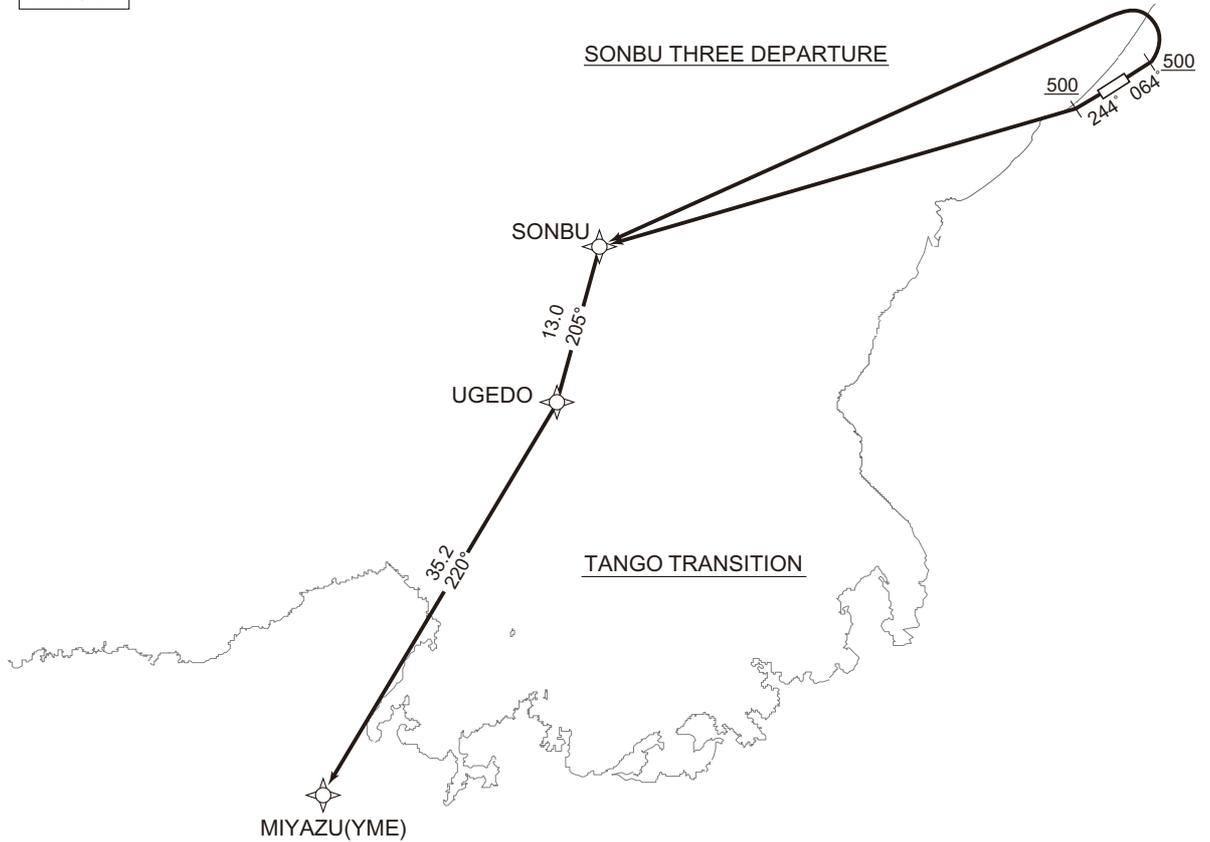
RNAV SID and TRANSITION

SONBU THREE DEPARTURE  
TANGO TRANSITION

RNP1

Note GNSS required.

VAR 9°W



CHANGE : TANGO TRANSITION, UGEDO established. SID renamed. VAR. PROC course.

SONBU THREE DEPARTURE

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.

TANGO TRANSITION

From SONBU, to UGEDO, to YME.

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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