

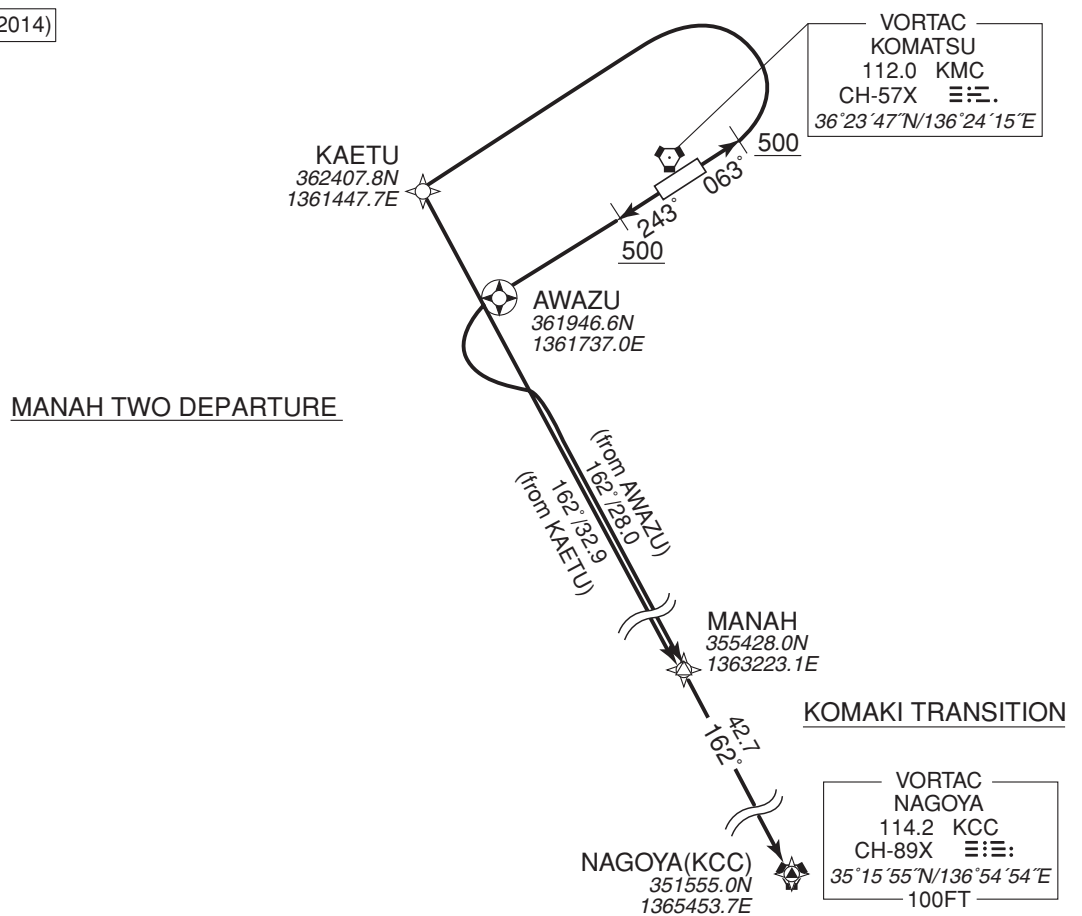
## STANDARD DEPARTURE CHART -INSTRUMENT

RJNK / KOMATSU

RNAV SID and TRANSITION

MANAH 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.	Critical DME	RWY06 KMC, YME: 10NM to KAETU - 30NM to MANAH, 23NM to MANAH - 3NM to MANAH RWY24 KMC, YME: 23NM to MANAH - 3NM to MANAH
	DME GAP	RWY06 06DER - 10NM to KAETU 30NM to MANAH - 23NM to MANAH RWY24 24DER - 23NM to MANAH
	Inappropriate Nav aids	See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1

VAR 8° W(2014)

MANAH TWO DEPARTURE

RWY06 : Climb on HDG063° at or above 500FT, turn left direct to KAETU, to MANAH.

RWY24 : Climb on HDG243° at or above 500FT, direct to AWAZU, to MANAH.

NOTE RWY06 : 4.1% climb gradient required up to 3900FT.

OBST ALT 3215FT located at 13.0NM 200° FM end of RWY06.

RWY24 : 4.8% climb gradient required up to 3900FT.

OBST ALT 3215FT located at 12.0NM 195° FM end of RWY24.

KOMAKI TRANSITION

From MANAH to KCC.

CHANGE : Minor change

## STANDARD DEPARTURE CHART -INSTRUMENT

## RJNK / KOMATSU

## RNAV SID and TRANSITION

MANAH TWO 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	—	—	063 (055.0)	-7.7	—	—	+500	—	—	RNAV1
002	DF	KAETU	—	—	-7.7	—	L	—	—	—	RNAV1
003	TF	MANAH	—	162 (154.3)	-7.7	32.9	—	—	—	—	RNAV1

## 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	—	—	243 (235.0)	-7.7	—	—	+500	—	—	RNAV1
002	DF	AWAZU	Y	—	-7.7	—	—	—	—	—	RNAV1
003	TF	MANAH	—	162 (154.7)	-7.7	28.0	—	—	—	—	RNAV1

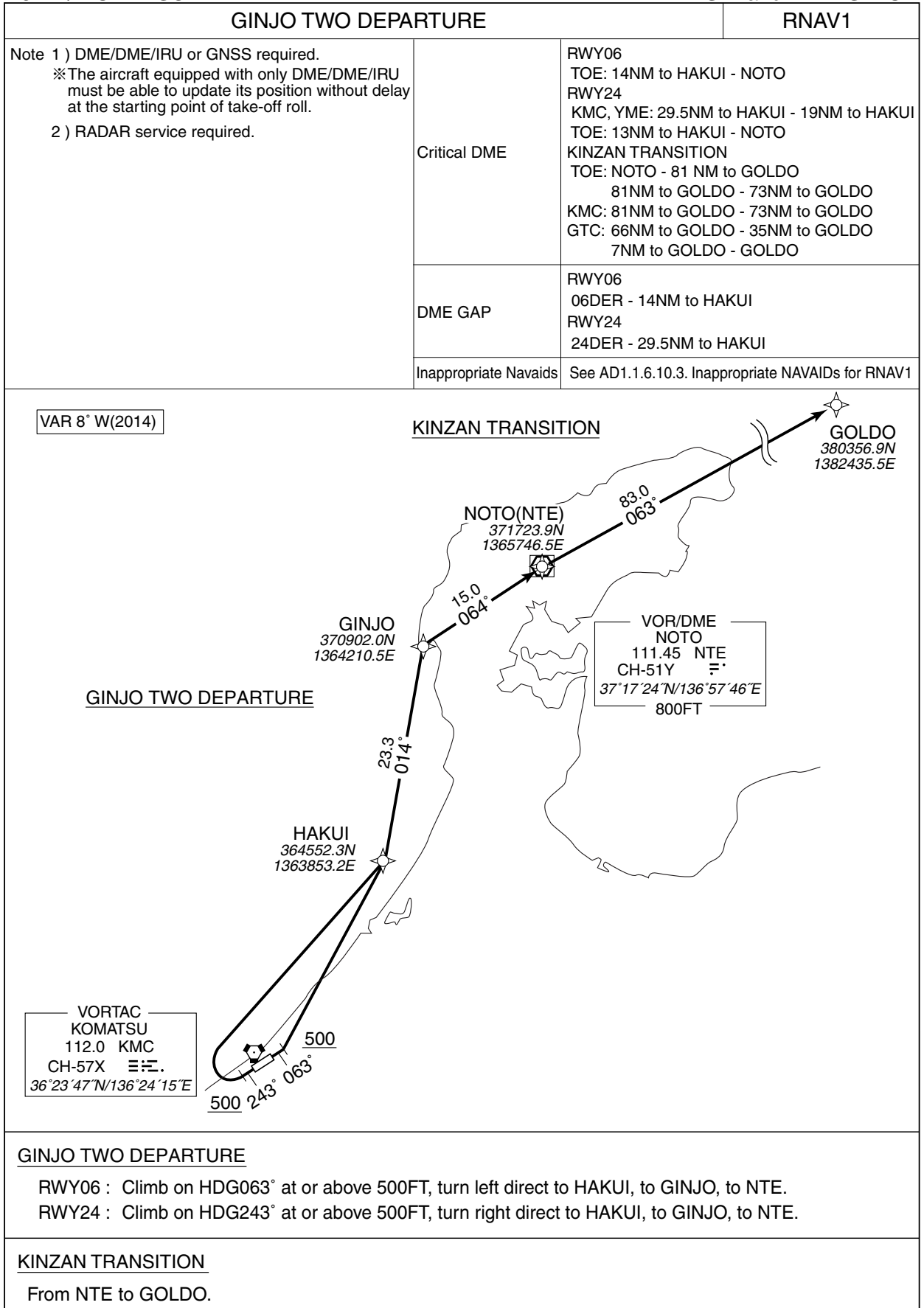
KOMAKI TRANSITION

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	MANAH	—	—	-7.7	—	—	—	—	—	RNAV1
002	TF	KCC	—	162 (154.5)	-7.7	42.7	—	—	—	—	RNAV1

## STANDARD DEPARTURE CHART -INSTRUMENT

RJNK / KOMATSU

RNAV SID and TRANSITION



## STANDARD DEPARTURE CHART -INSTRUMENT

RJNK / KOMATSU

RNAV SID and TRANSITION

GINJO TWO 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	—	—	063 (055.0)	-7.7	—	—	+500	—	—	RNAV1
002	DF	HAKUI	—	—	-7.7	—	L	—	—	—	RNAV1
003	TF	GINJO	—	014 (006.5)	-7.7	23.3	—	—	—	—	RNAV1
004	TF	NTE	—	064 (056.0)	-7.7	15.0	—	—	—	—	RNAV1

## 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	—	—	243 (235.0)	-7.7	—	—	+500	—	—	RNAV1
002	DF	HAKUI	—	—	-7.7	—	R	—	—	—	RNAV1
003	TF	GINJO	—	014 (006.5)	-7.7	23.3	—	—	—	—	RNAV1
004	TF	NTE	—	064 (056.0)	-7.7	15.0	—	—	—	—	RNAV1

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	—	—	-7.7	—	—	—	—	—	RNAV1
002	TF	GOLDO	—	063 (055.4)	-7.7	83.0	—	—	—	—	RNAV1

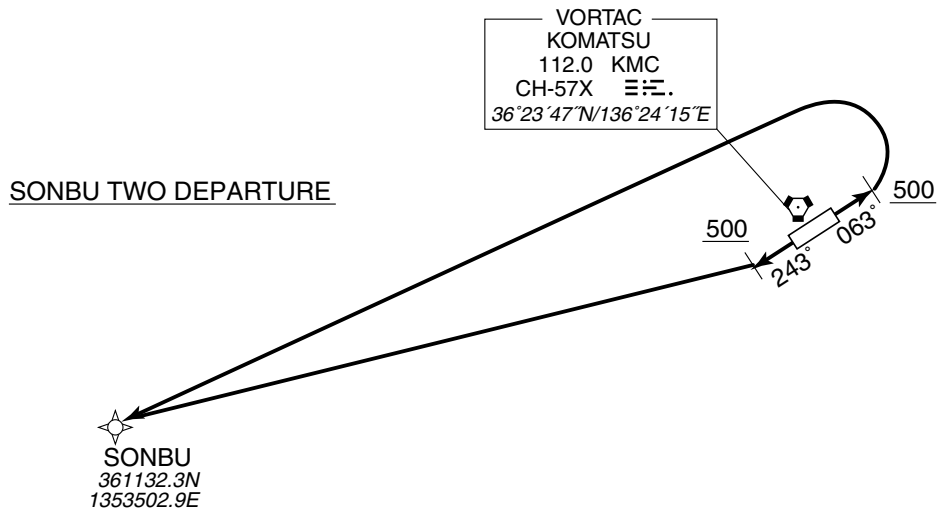
STANDARD DEPARTURE CHART -INSTRUMENT

RJNK / KOMATSU

RNAV SID

SONBU 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.	Critical DME	RWY06 YME: 30NM to SONBU - 6NM to SONBU RWY24 YME: 23NM to SONBU - 6NM to SONBU
	DME GAP	RWY06 06DER - 44.5NM to SONBU RWY24 24DER - 23NM to SONBU
	Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 8°W(2014)



SONBU TWO DEPARTURE

RWY06 : Climb on HDG063° at or above 500FT, turn left direct to SONBU.  
 RWY24 : Climb on HDG243° at or above 500FT, turn right direct to SONBU.

## STANDARD DEPARTURE CHART -INSTRUMENT

RJNK / KOMATSU

RNAV SID

SONBU TWO 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	—	—	063 (055.0)	-7.7	—	—	+500	—	—	RNAV1
002	DF	SONBU	—	—	-7.7	—	L	—	—	—	RNAV1

## 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	—	—	243 (235.0)	-7.7	—	—	+500	—	—	RNAV1
002	DF	SONBU	—	—	-7.7	—	R	—	—	—	RNAV1