

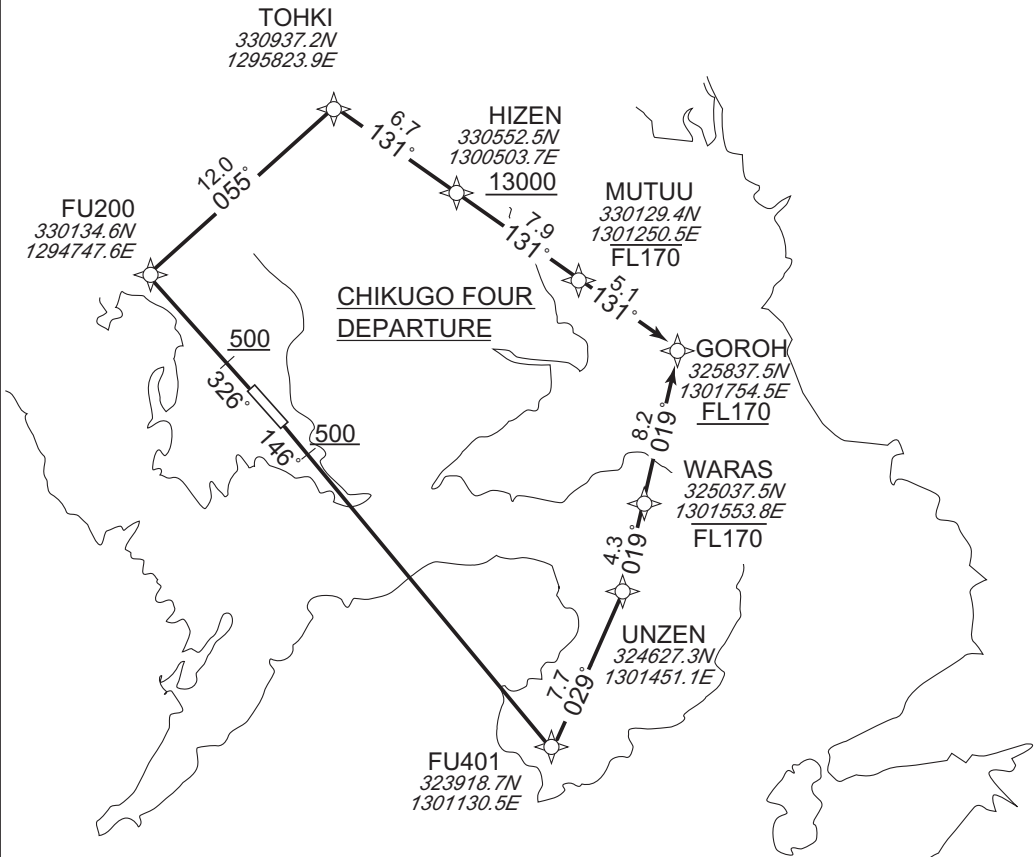
STANDARD DEPARTURE CHART -INSTRUMENT

RJFU / NAGASAKI

RNAV SID

CHIKUGO FOUR 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	RWY14 SGE: 13.0NM to FU401 - FU401
	DME GAP	RWY14 RWY14 DER - 13.0NM to FU401 RWY32 RWY32 DER - 4.0NM to FU200
	Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 7° W(2020)



CHIKUGO FOUR DEPARTURE

- RWY14 : Climb on HDG146° at or above 500FT, direct to FU401, to UNZEN, to WARAS at or below FL170, to GOROH at or above FL170.
- RWY32 : Climb on HDG326° at or above 500FT, direct to FU200, to TOHKI, to HIZEN at or above 13000FT, to MUTUU at or below FL170, to GOROH at or above FL170.

NOTE RWY14 : 5.0% climb gradient required up to 4700FT.
OBST ALT 4954FT located at 20.8NM 122° FM end of RWY14.

RWY32 : 5.0% climb gradient required up to 500FT.
OBST ALT 2067FT located at 9.8NM 013° FM end of RWY32.

CHANGE : PROC.

STANDARD DEPARTURE CHART -INSTRUMENT

RJFU / NAGASAKI

RNAV SID

CHIKUGO FOUR DEPARTURE

RWY14

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	—	—	146 (138.1)	-7.5	—	—	+500	—	—	RNAV1
002	DF	FU401	—	—	-7.5	—	—	—	—	—	RNAV1
003	TF	UNZEN	—	029 (021.5)	-7.5	7.7	—	—	—	—	RNAV1
004	TF	WARAS	—	019 (011.9)	-7.5	4.3	—	-FL170	—	—	RNAV1
005	TF	GOROH	—	019 (011.9)	-7.5	8.2	—	+FL170	—	—	RNAV1

RWY32

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	—	—	326 (318.1)	-7.5	—	—	+500	—	—	RNAV1
002	DF	FU200	—	—	-7.5	—	—	—	—	—	RNAV1
003	TF	TOHKI	—	055 (047.8)	-7.5	12.0	—	—	—	—	RNAV1
004	TF	HIZEN	—	131 (123.8)	-7.5	6.7	—	+13000	—	—	RNAV1
005	TF	MUTUU	—	131 (123.9)	-7.5	7.9	—	-FL170	—	—	RNAV1
006	TF	GOROH	—	131 (124.0)	-7.5	5.1	—	+FL170	—	—	RNAV1

CHANGE : PROC.

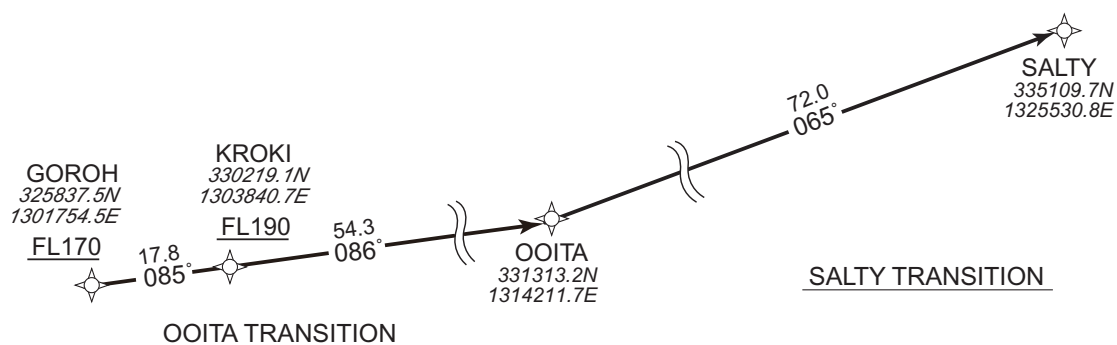
STANDARD DEPARTURE CHART -INSTRUMENT

RJFU / NAGASAKI

RNAV TRANSITION

SALTY TRANSITION / OOITA TRANSITION			RNAV1
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 7° W(2020)

SALTY TRANSITION

From GOROH at or above FL170, to KROKI at or above FL190, to OOITA, to SALTY.

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	GOROH	—	—	-7.5	—	—	+FL170	—	—	RNAV1
002	TF	KROKI	—	085 (077.9)	-7.5	17.8	—	+FL190	—	—	RNAV1
003	TF	OOITA	—	086 (078.1)	-7.5	54.3	—	—	—	—	RNAV1
004	TF	SALTY	—	065 (057.8)	-7.5	72.0	—	—	—	—	RNAV1

OOITA TRANSITION

From GOROH at or above FL170, to KROKI at or above FL190, to OOITA.

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	GOROH	—	—	-7.5	—	—	+FL170	—	—	RNAV1
002	TF	KROKI	—	085 (077.9)	-7.5	17.8	—	+FL190	—	—	RNAV1
003	TF	OOITA	—	086 (078.1)	-7.5	54.3	—	—	—	—	RNAV1

CHANGE : PROC.