

## STANDARD DEPARTURE CHART-INSTRUMENT

RJFR / KITAKYUSHU

RNAV SID and TRANSITION

KOHEI ONE DEPARTURE DOUGO 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. 2) RADAR service required.	Critical DME	RWY18 : SWE : 2.0NM from DER - 12.0NM to KOHEI UBE : 16.0NM to KOHEI - KOHEI RWY36 : UBE : 12.0NM to KOHEI - KOHEI
	DME GAP	RWY18 : DER - 2.0NM from DER RWY36 : DER - 12.0NM to KOHEI
	Inappropriate NavAids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1
<p>VAR 8°W (2017)</p> <p>VOR/DME UBE 110.8 UBE CH-45X 33°56'08"N/131°17'01"E 100FT</p> <p>TACAN KUGA 1177 IWT CH-90X 34°04'48"N/132°08'50"E 2100FT</p> <p>MATSUYAMA (MYE) 334948.4N 1324132.0E</p> <p>DOUGO TRANSITION</p> <p>KOHEI ONE DEPARTURE</p> <p>VOR/DME SUOH 113.85 SWE CH-85Y 33°51'24"N/131°01'46"E 100FT</p> <p>VOR/DME MUSASHI 117.7 TFE CH-124X 33°29'23"N/131°43'44"E 100FT</p> <p>VOR/DME MATSUYAMA 110.65 MYE CH-43Y 33°49'48"N/132°41'32"E 0FT</p> <p>KOHEI 335057.9N 1312540.0E</p> <p>HIMEH 334414.9N 1313651.2E</p> <p>GONBE 333752.3N 1321148.8E</p> <p>500 358° 500 178° 17.5 133° 29.8 110° 27.5 072°</p>		
<u>KOHEI ONE DEPARTURE</u> RWY18 : Climb on HDG178° at or above 500FT, turn left direct to KOHEI. RWY36 : Climb on HDG358° at or above 500FT, turn right direct to KOHEI. Note RWY18: 5.8% climb gradient required up to 500FT due to airspace restrictions only. RWY36: 4.0% climb gradient required up to 500FT due to airspace restrictions only.		
<u>DOUGO TRANSITION</u> From KOHEI, to HIMEH, to GONBE, to MYE.		

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RNAV SID and TRANSITION

KOHEI ONE DEPARTURE

## RWY18

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	—	—	178 (170.4)	-7.5	—	—	+500	—	—	RNAV1
002	DF	KOHEI	—	—	-7.5	—	L	—	—	—	RNAV1

## RWY36

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	—	—	358 (350.4)	-7.5	—	—	+500	—	—	RNAV1
002	DF	KOHEI	—	—	-7.5	—	R	—	—	—	RNAV1

DOUGO 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	KOHEI	—	—	-7.5	—	—	—	—	—	RNAV1
002	TF	HIMEH	—	133 (125.8)	-7.5	11.5	—	—	—	—	RNAV1
003	TF	GONBE	—	110 (102.2)	-7.5	29.8	—	—	—	—	RNAV1
004	TF	MYE	—	072 (064.1)	-7.5	27.5	—	—	—	—	RNAV1

## STANDARD DEPARTURE CHART-INSTRUMENT

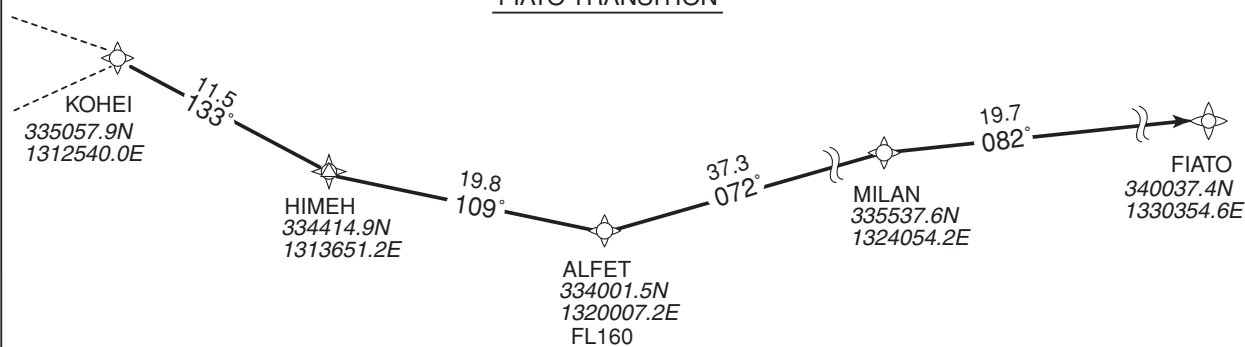
## RJFR / KITAKYUSHU

## RNAV TRANSITION

FIATO 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 8°W (2017)

## FIATO TRANSITION



## FIATO TRANSITION

From KOHEI, to HIMEH, to ALFET at or above FL160, to MILAN, to FIATO.

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	KOHEI	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	HIMEH	-	133 (125.8)	-7.5	11.5	-	-	-	-	RNAV1
003	TF	ALFET	-	109 (102.2)	-7.5	19.8	-	+FL160	-	-	RNAV1
004	TF	MILAN	-	072 (065.1)	-7.5	37.3	-	-	-	-	RNAV1
005	TF	FIATO	-	082 (075.2)	-7.5	19.7	-	-	-	-	RNAV1