

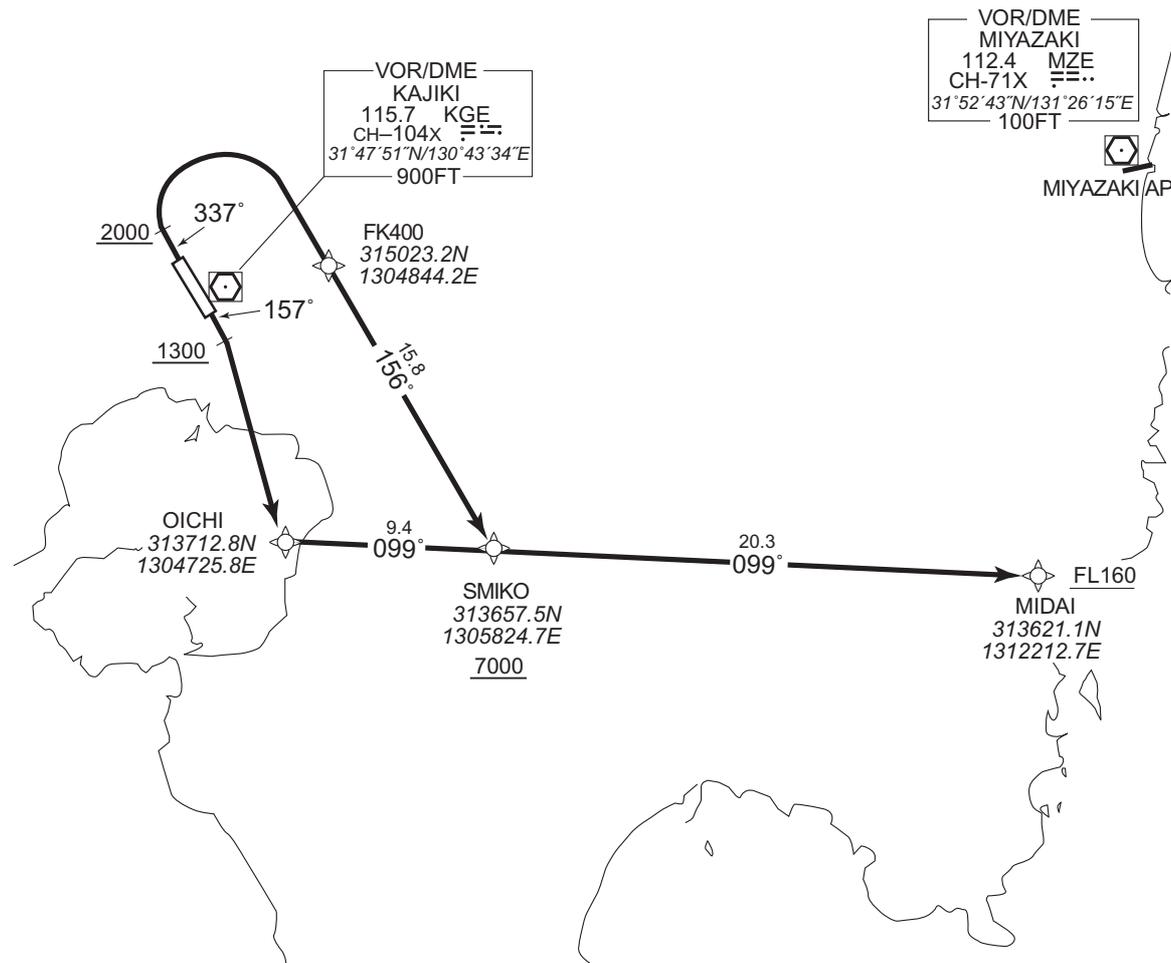
STANDARD DEPARTURE CHART - INSTRUMENT

RJFK / KAGOSHIMA

RNAV SID

MIDAI THREE DEPARTURE		RNAV 1
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	RWY16 : HKC:7NM to OICHI — 2NM to OICHI KGE:7NM to OICHI — 2NM to OICHI
	DME GAP	RWY16 : DER — 7NM to OICHI RWY34 : DER — 12NM to SMIKO
	Inappropriate NavAids	See AD 1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 7°W



RWY16 : Climb on HDG 157° at or above 1300FT, turn right direct to OICHI, to SMIKO at or above 7000FT, to MIDAI at or above FL160.
 RWY34 : Climb on HDG 337° at or above 2000FT, turn right direct to FK400, to SMIKO at or above 7000FT, to MIDAI at or above FL160.
 Note RWY34 : 5.0% climb gradient required up to 3100FT.
 OBST ALT 3117FT located at 7.7NM 046° FM end of RWY34.

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RWY16

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	-	-	157 (150.1)	-7.2	-	-	+1300	-	-	RNAV1
002	DF	OICHI	-	-	-7.2	-	R	-	-	-	RNAV1
003	TF	SMIKO	-	099 (091.5)	-7.2	9.4	-	+7000	-	-	RNAV1
004	TF	MIDAI	-	099 (091.6)	-7.2	20.3	-	+FL160	-	-	RNAV1

RWY34

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	-	-	337 (330.1)	-7.2	-	-	+2000	-	-	RNAV1
002	DF	FK400	-	-	-7.2	-	R	-	-	-	RNAV1
003	TF	SMIKO	-	156 (148.5)	-7.2	15.8	-	+7000	-	-	RNAV1
004	TF	MIDAI	-	099 (091.6)	-7.2	20.3	-	+FL160	-	-	RNAV1