STANDARD DEPARTURE CHART - INSTRUMENT

RJFK / KAGOSHIMA **RNAV SID** MIDAI THREE DEPARTURE RNAV 1 Note 1) DME/DME/IRU or GNSS required. RWY16: HKC:7NM to OICHI — 2NM to OICHI KGE:7NM to OICHI — 2NM to OICHI %The aircraft equipped with only DME/DME/IRU Critical DME must be able to update its position without delay at the starting point of take-off roll. RWY16: DER - 7NM to OICHI 2) RADAR service required. DME GAP RWY34: DER - 12NM to SMIKO Inappropriate Navaids | See AD 1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 VAR 7°W (2020) VOR/DME MIYAZAKI 112.4 MZE CH-71X ==... VOR/DMF KAJIKI 115.7 KGE CH-104X :---31°47′51″N/130°43′34″E 31°52′43″N/131°26′15″E 100FT -900FT MIYAZAKIAP 337 2000 FK400 315023.2N 1304844.2E 157 MIDAI THREE DEPARTURE ري. مير 1300 4 OICHI 9.4 20.3 313712.8N 099 1304725.8E 099 FL160 **SMIKO** MIDAI 313657.5N 313621.1N 1305824.7E 1312212.7E 7000 0 MIDAI THREE DEPARTURE

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.

KOKUBU VOR/DME(KBE) abolished

CHANGE: PROC.

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MIDAI THREE DEPARTURE

RWY16

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	157 (150.1)	-7.2	_	ı	+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	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	337 (330.1)	-7.2	_	1	+2000	1	_	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
	001 002 003	Number Descriptor 001 VA 002 DF 003 TF	Number Descriptor Identifier 001 VA — 002 DF FK400 003 TF SMIKO	Number Descriptor Identifier Over 001 VA 002 DF FK400 - 003 TF SMIKO -	Number Descriptor Identifier Over °M(°T) 001 VA - - 337 (330.1) 002 DF FK400 - - 003 TF SMIKO - 156 (148.5) 004 TE MIDAL 099	Number Descriptor Identifier Over °M(°T) Variation 001 VA - - 337 (330.1) -7.2 002 DF FK400 - - -7.2 003 TF SMIKO - 156 (148.5) -7.2 004 TE MIDAL 099 - -	Number Descriptor Identifier Over °M(°T) Variation (NM) 001 VA - - 337 (330.1) -7.2 - 002 DF FK400 - - -7.2 - 003 TF SMIKO - (148.5) (148.5) (148.5) -7.2 15.8	Number Descriptor Identifier Over M(°T) Variation (NM) Direction 001 VA - - 337 (330.1) -7.2 - - 002 DF FK400 - - -7.2 - R 003 TF SMIKO - (156 (148.5) -7.2 15.8 - 004 TE MIDAL 099 Te 00.0 00.0	Number Descriptor Identifier Over °M(°T) Variation (NM) Direction (FT) 001 VA - - (330.1) -7.2 - - +2000 002 DF FK400 - - -7.2 - R - 003 TF SMIKO - (156) (148.5) -7.2 15.8 - +7000	Number Descriptor Identifier Over °M(°T) Variation (NM) Direction (FT) (KIAS) 001 VA - - (330.1) -7.2 - - +2000 - 002 DF FK400 - - -7.2 - R - - 003 TF SMIKO - (156) (148.5) -7.2 15.8 - +7000 -	Number Descriptor Identifier Over M(°T) Variation (NM) Direction (FT) (KIAS) Angle 001 VA - - (330.1) -7.2 - - +2000 - - 002 DF FK400 - - -7.2 - R - - - 003 TF SMIKO - (156) (148.5) -7.2 15.8 - +7000 - -