

STANDARD DEPARTURE CHART -INSTRUMENT

RJOK / KOCHI RNAV SID and TRANSITION

MURROT TWO DEPARTURE / KUSHIMOTO TRANSITION		RNAV 1
<p>Note 1) DME/DME/IRU or GNSS required.</p> <p>※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.</p> <p>2) RADAR service required.</p>	<p>Critical DME</p>	<p>RWY14 : KRE 3.0NM FM DER - 5.0NM to MURROT SUC 3.0NM FM DER - 24.0NM to MURROT</p> <p>RWY32 : KRE 18.0NM to OK32D - 5.0NM to MURROT SUC 18.0NM to OK32D - 11.0NM to OK32D</p>
<p>VAR 8° W</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>VOR/DME KOCHI 113.7 KRE CH-84X 33°32'30"N/133°40'49"E 100FT</p> </div> <p style="text-align: center;"><u>KUSHIMOTO TRANSITION</u></p> <p style="text-align: center;"><u>MURROT TWO DEPARTURE</u></p>	<p>DME GAP</p>	<p>RWY14 : DER - 3.0NM FM DER RWY32 : DER - 18.0NM to OK32D</p>
	<p>Inappropriate Nav aids</p>	<p>See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1</p>
<p><u>MURROT TWO DEPARTURE</u></p> <p>RWY14 : Climb on HDG139° at or above 500FT, turn right direct to OK14A, to MURROT.</p> <p>RWY32 : Climb on HDG319° at or above 600FT, turn right direct to OK32A, to OK32D, to MURROT.</p> <p>Note RWY14 : 5.0% climb gradient required up to 500FT. OBST ALT 61FT located at 0.2NM 179° FM end of RWY14.</p> <p>RWY32 : 6.0% climb gradient required up to 2300FT. OBST ALT 1970FT located at 6.1NM 005° FM end of RWY32.</p>		
<p><u>KUSHIMOTO TRANSITION</u></p> <p>From MURROT, to MIYAT, to MERID, to KEC.</p>		

CHANGE : PROC renamed. Critical DME, VAR, Note RWY14 added. PROC course.

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MUROT TWO 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	—	—	139 (130.6)	-7.9	—	—	+500	—	—	RNAV1
002	DF	OK14A	—	—	-7.9	—	R	—	—	—	RNAV1
003	TF	MUROT	—	105 (097.6)	-7.9	30.9	—	—	—	—	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	—	—	319 (310.6)	-7.9	—	—	+600	—	—	RNAV1
002	DF	OK32A	—	—	-7.9	—	R	—	—	—	RNAV1
003	TF	OK32D	—	139 (130.7)	-7.9	20.9	—	—	—	—	RNAV1
004	TF	MUROT	—	106 (097.7)	-7.9	14.3	—	—	—	—	RNAV1

KUSHIMOTO 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	MUROT	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	MIYAT	—	101 (093.3)	-7.9	19.0	—	—	—	—	RNAV1
003	TF	MERID	—	090 (082.0)	-7.9	12.3	—	—	—	—	RNAV1
004	TF	KEC	—	090 (082.2)	-7.9	42.3	—	—	—	—	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
OK14A	332450.3N / 1334334.2E	MIYAT	331934.3N / 1344250.9E
OK32A	333615.7N / 1334417.5E	MERID	332115.9N / 1345728.1E
OK32D	332238.0N / 1340314.9E	KEC	332651.9N / 1354740.2E
MUROT	332041.6N / 1342010.7E		

CHANGE : PROC renamed. PROC course. VAR added. Navigation Specification. Waypoint Coordinates added.