



CHG: ADDN R129

RNAV SID RWY 03	
ARFUT 1B IBSAN 3B MARXO 1B NEMGU 3B NEPIX 3B OLNOP 3B RENVI 3B ROTKO 3B	
DME/DME OPS:	NOT SUPPORTED
ROUTES:	RNAV PROC CODING ON THE VERSO OF THE CHART
SQUAWK:	WHEN LINING UP SQUAWK THE ASSIGNED CODE
INITIAL CLIMB:	MNM TURNING ALTITUDE ACCORDING TO RTE CODING
RADIO CONTACT:	MAINTAIN TWR FREQ UNTIL 2000 FT, THEN CONTACT ROVANIEMI RADAR FREQ 129.900
NOISE ABATEMENT:	AFTER TAKE-OFF CLIMB AS RAPIDLY AS POSSIBLE TO AT LEAST 2000 FT ABOVE AD ELEV. PUBLISHED SID ROUTES ARE ALSO MINIMUM NOISE ROUTINGS
AREA MNM ALT:	SEE AMA INDEX, AIP ENR 6.1 - 3

EFRO RNAV SID RWY 03										
RTE NAV SPEC	SEQ NR	P/T	WPT		MAG	GEO TR	DIST NM	Turn Direction	Constraints	
			ID	Flyover					LVL	Speed
ARFUT 1B RNAV 1	010	CA	-	-	025°	036.9°T	-		A1010+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	XEPGI	-	115°	127.2°T	5.0	R		K230-
	040	TF	ARFUT	-	145°	157.4°T	16.6			
IBSAN 3B RNAV 1	010	CA	-	-	025°	036.9°T	-		A1010+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	NETNI	-	295°	307.1°T	5.0	L		K230-
	040	TF	IBSAN	-	265°	277.3°T	18.1			
MARXO 1B RNAV 1	010	CA	-	-	025°	036.9°T	-		A1010+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	MARXO	-	081°	092.7°T	19.4			
NEMGU 3B RNAV 1	010	CA	-	-	025°	036.9°T	-		A1010+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	NETNI	-	295°	307.1°T	5.0	L		K230-
	040	TF	NEMGU	-	221°	232.9°T	32.7			
NEPIX 3B RNAV 1	010	CA	-	-	025°	036.9°T	-		A1010+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	NETNI	-	295°	307.1°T	5.0	L		K230-
	040	TF	MIPGO	-	205°	217.1°T	15.1			
	050	TF	NEPIX	-	185°	196.7°T	22.8			
OLNOP 3B RNAV 1	010	CA	-	-	025°	036.9°T	-		A1010+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	NETNI	-	295°	307.1°T	5.0	L		K230-
	040	TF	MIPGO	-	205°	217.1°T	15.1			
	050	TF	OLNOP	-	213°	224.7°T	23.8			
RENV1 3B RNAV 1	010	CA	-	-	025°	036.9°T	-		A1010+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	XEPGI	-	115°	127.2°T	5.0	R		K230-
	040	TF	RENV1	-	193°	205.2°T	32.9			
ROTKO 3B RNAV 1	010	CA	-	-	025°	036.9°T	-		A1010+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	ROTKO	-	350°	001.4°T	20.4			

WPT COORD	
SEE PAGE EFRO AD 2.15 - 1	