



CHG: RADIO DATA

BRG are MAG
TR in brackets are TRUE
DIST in NM
ELEV and ALT in FT

RNAV STAR RWY 21
NEMGU 1C NEPIX 1C OSLIT 1C RENVI 1C ROTKO 1C

NAV SPECIFICATION:	RNAV 1 OR P-RNAV APPROVAL REQUIRED. OTHERWISE ADVISE ATC.	RCF:	SELECT TRANSPONDER CODE 7600
DME/DME OPS:	NOT SUPPORTED		RNAV STAR HAS BEEN GIVEN AND ACKNOWLEDGED: FOLLOW THE STAR TO THE RESPECTIVE RWY AND EXECUTE IAP AND LAND
ROUTES:	RNAV PROC CODING ON THE VERSO OF THE CHART ATC WILL GIVE DESCENT CLEARANCES		DURING RADAR VECTURING BEFORE IAF: IN ACCORDANCE WITH THE RULES OF THE AIR
WPT CONSTRAINTS:	ALT / FL / SPEED CONSTRAINTS MUST ALWAYS BE FOLLOWED AS PUBLISHED UNLESS EXPLICITLY CANCELLED BY ATC	AREA MNM ALT:	SEE AMA INDEX, AIP ENR 6.1 - 3
NOISE ABATEMENT:	AVOID OVERFLYING THE CITY OF ROVANIEMI BELOW 2000		
CD OPS:	BY ATC CLR IF TFC PERMITS. PLAN CD PATH ACCORDING TO STAR		

EFRO RNAV STAR RWY 21										
RTE NAV SPEC	SEQ NR	P/T	WPT		MAG	GEO TR	DIST NM	Turn Direction	Constraints	
			ID	Flyover					LVL	Speed
NEMGU 1C RNAV 1 or P-RNAV	010	IF	NEMGU	-	-	-	-		F100+	
	020	TF	MIPGO	-	054°	064.6°T	18.6			
	030	TF	EKNOM	-	026°	036.7°T	10.0			
	050	TF	VEKIP	-	026°	037.1°T	11.5		A2500+	K240-

NEPIX 1C RNAV 1 or P-RNAV	010	IF	NEPIX	-	-	-	-		F100+	
	020	TF	MIPGO	-	006°	016.5°T	22.8			
	030	TF	EKNOM	-	026°	036.7°T	10.0			
	050	TF	VEKIP	-	026°	037.1°T	11.5		A2500+	K240-

OSLIT 1C RNAV 1 or P-RNAV	010	IF	OSLIT	-	-	-	-		F100+	
	030	TF	VEKIP	-	106°	116.8°T	14.1		A2500+	K240-
	-									

RENV 1C RNAV 1 or P-RNAV	010	IF	RENV	-	-	-	-		F100+	
	020	TF	TUTUT	-	016°	026.7°T	39.2	L	A2500+	K240-
	030	TF	NIPAK	-	297°	307.6°T	5.0		A2500+	

ROTKO 1C RNAV 1 or P-RNAV	010	IF	ROTKO	-	-	-	-		F100+	
	020	TF	NIPAK	-	157°	167.7°T	15.7		A2500+	
	-									

RNAV Holdings							
ID	INBD TR	INBD MAG	Turn Direction	MAX IAS	MNM HLDG LVL	TIME	DIST NM
NIPAK	217.2°T	206°	Right	230 KT	A2500	1 MIN	-
VEKIP	037.1°T	026°	Left	230 KT	A2500	1 MIN	-

WPT COORD
SEE PAGE EFRO AD 2.15 - 1