



RNAV STAR RWY 21

ARFUT 1C MARXO 1C NEMGU 2C NEPIX 2C OSLIT 2C RENVI 2C ROTKO 2C

DME/DME OPS: NOT SUPPORTED

RCF: SELECT TRANSPONDER CODE 7600

ROUTES: RNAV PROC CODING ON THE VERSO OF THE CHART
ATC WILL GIVE DESCENT CLEARANCES

RNAV STAR HAS BEEN GIVEN AND ACKNOWLEDGED:
FOLLOW THE STAR TO THE RESPECTIVE RWY AND
EXECUTE IAP AND LAND

WPT CONSTRAINTS: ALT / FL / SPEED CONSTRAINTS MUST ALWAYS BE FOLLOWED AS
PUBLISHED UNLESS EXPLICITLY CANCELLED BY ATC

DURING RADAR VECTURING BEFORE IAF:
IN ACCORDANCE WITH THE RULES OF THE AIR

NOISE ABATEMENT: AVOID OVERFLYING THE CITY OF ROVANIEMI BELOW 2000

AREA MNM ALT: SEE AMA INDEX, AIP ENR 6.1 - 3

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	Constraints		
			ID	Flyover				LVL	LVL	Speed
ARFUT 1C RNAV 1	010	IF	ARFUT	-	-	-	-	F100+		
	020	TF	TUTUT	-	341°	353.2°T	20.5	A2500+		K240-
	030	TF	NIPAK	-	296°	307.6°T	5.0	A2500+		
MARXO 1C RNAV 1	010	IF	MARXO	-	-	-	-	F100+		
	020	TF	NIPAK	-	280°	291.8°T	16.6	A2500+		
NEMGU 2C RNAV 1	010	IF	NEMGU	-	-	-	-	F100+		
	020	TF	MIPGO	-	053°	064.6°T	18.6			
	030	TF	EKNOM	-	025°	036.7°T	10.0			
	040	TF	VEKIP	-	025°	037.1°T	11.5	A2500+		K240-
NEPIX 2C RNAV 1	010	IF	NEPIX	-	-	-	-	F100+		
	020	TF	MIPGO	-	005°	016.5°T	22.8			
	030	TF	EKNOM	-	025°	036.7°T	10.0			
	040	TF	VEKIP	-	025°	037.1°T	11.5	A2500+		K240-
OSLIT 2C RNAV 1	010	IF	OSLIT	-	-	-	-	F100+		
	020	TF	VEKIP	-	105°	116.8°T	14.1	A2500+		K240-
RENV1 2C RNAV 1	010	IF	RENV1	-	-	-	-	F100+		
	020	TF	TUTUT	-	015°	026.7°T	39.2	A2500+		K240-
	030	TF	NIPAK	-	296°	307.6°T	5.0	A2500+		
ROTKO 2C RNAV 1	010	IF	ROTKO	-	-	-	-	F100+		
	020	TF	NIPAK	-	156°	167.7°T	15.7	A2500+		

RNAV Holdings							
ID	INBD TR	INBD MAG	Turn Direction	Speed	MNM HLDG LVL	TIME	DIST NM
NIPAK	217.2°T	205°	Right	K230-	A2500	1 MIN	-
VEKIP	037.1°T	025°	Left	K230-	A2500	1 MIN	-

WPT COORD
SEE PAGE EFRO AD 2.15 - 1