AIP SUPPLEMENT - SUOMI / FINLAND

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AIP SUP NR
055 / 2025

AIRAC

WEF
15 MAY 2025

ROVANIEMEN LENTOASEMA (EFRO), LENTOMENETELMÄT AJALLA 15.5. - 10.7.2025

REF AIP SUP 052/2025

Alla luetellut lentomenetelmät on julkaistu ajalle **15.5. - 10.7.2025** tämän Supplementin liitteinä.

EFRO RNAV SID RWY 03 ja EFRO OMNIDIRECTIONAL DEPARTURES RWY 03 **korvaavat tilapäisesti AIP:ssa julkaistut** EFRO RNAV SID RWY 03 ja EFRO OMNIDIRECTIONAL DEPARTURES RWY 03 -menetelmät.

ROVANIEMI AERODROME (EFRO), INSTRUMENT APPROACH PROCEDURES FROM 15 MAY TO 10 JUL 2025

REF AIP SUP 052/2025

The instrument approach procedures listed below have been published **for the period of 15 MAY to 10 JUL 2025** as Appendices to this Supplement.

EFRO RNAV SID RWY 03 and EFRO OMNIDIRECTIONAL DEPARTURES RWY 03 **temporarily replace** the EFRO RNAV SID RWY 03 and EFRO OMNIDIRECTIONAL DEPARTURES RWY 03 **procedures published in AIP**.

LIITTEET / APPENDICES:

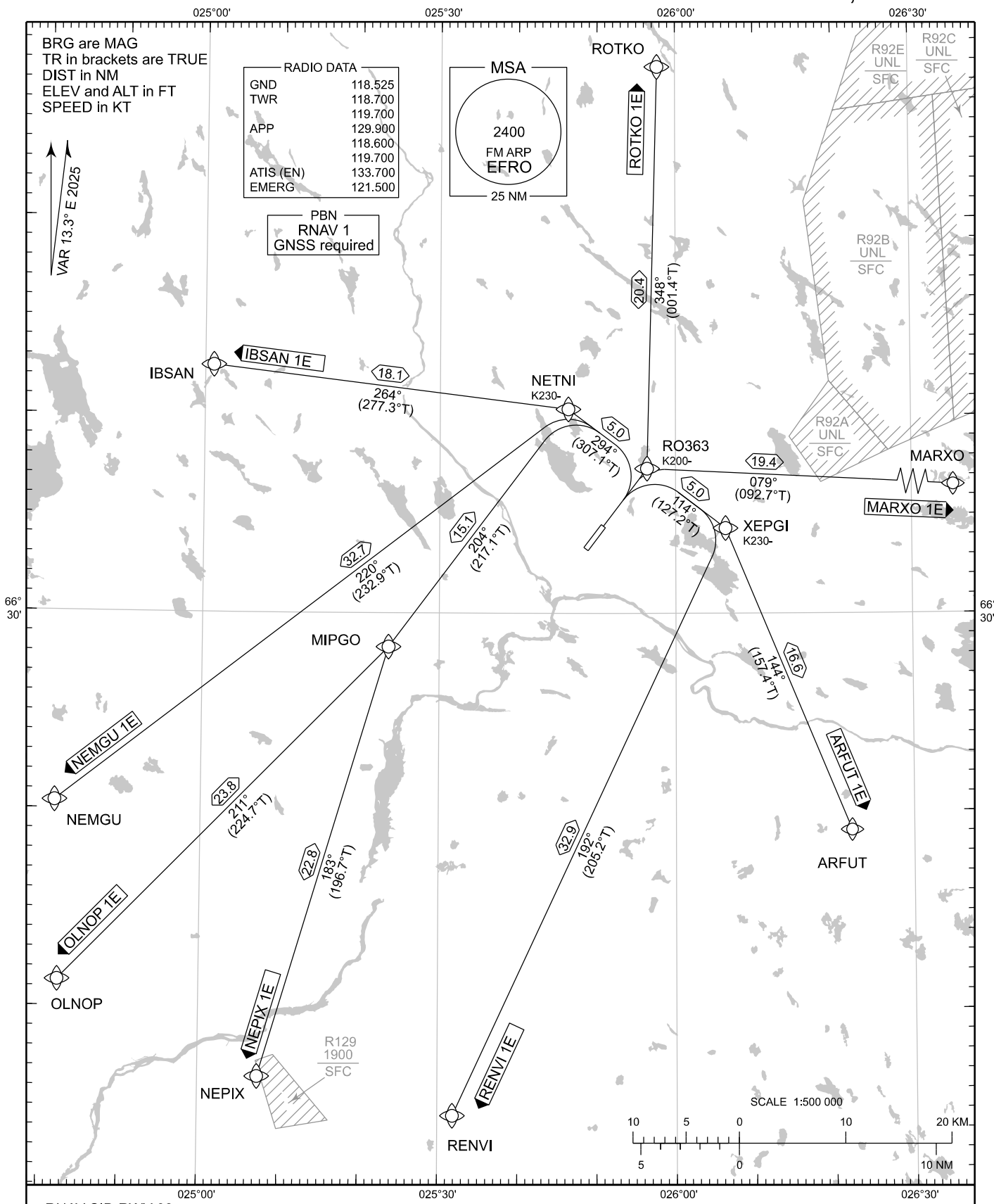
1. EFRO RNAV SID RWY 03
2. EFRO RNAV SID RWY 21C
3. EFRO OMNIDIRECTIONAL DEPARTURES
4. EFRO RNAV STAR RWY 21C
5. EFRO RNP RWY 21C

STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT
5000

RNAV SID RWY 03
ROVANIEMI AERODROME

ROVANIEMI, FINLAND



RNAV SID RWY 03

ARFUT 1E IBSAN 1E MARXO 1E NEMGU 1E NEPIX 1E OLNOP 1E RENVI 1E ROTKO 1E

DME/DME OPS:	NOT SUPPORTED	RADIO CONTACT:	MAINTAIN TWR FREQ UNTIL 2000 FT, THEN CONTACT ROVANIEMI RADAR FREQ 129.900
ROUTES:	RNAV PROC CODING ON THE VERSO OF THE CHART	NOISE ABATEMENT:	AFTER TAKE-OFF CLIMB AS RAPIDLY AS PRACTICABLE TO AT LEAST 2000 FT ABOVE AD ELEV. PUBLISHED SID ROUTES ARE ALSO MINIMUM NOISE ROUTINGS
SQUAWK:	WHEN LINING UP SQUAWK THE ASSIGNED CODE	AREA MNM ALT:	SEE AMA INDEX, AIP ENR 6.1 - 3
INITIAL CLIMB:	MNM TURNING ALTITUDE ACCORDING TO RTE CODING CLOSE-IN OBSTACLES EXIST, SEE AIP SUP EFRO OMNIDIRECTIONAL DEPARTURES		

FM 15 MAY 2025 to 10 JUL 2025

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EFRO RNAV SID RWY 03										
RTE NAV SPEC	SEQ NR	P/T	WPT ID	WPT Flyover	MAG	GEO TR	DIST NM	Turn Direction	Constraints LVL	Constraints Speed
ARFUT 1E RNAV 1	010	CA	-	-	024°	037.3°T	-		A1020+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	XEPGI	-	114°	127.2°T	5.0	R		K230-
	040	TF	ARFUT	-	144°	157.4°T	16.6			
IBSAN 1E RNAV 1	010	CA	-	-	024°	037.3°T	-		A1020+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	NETNI	-	294°	307.1°T	5.0	L		K230-
	040	TF	IBSAN	-	264°	277.3°T	18.1			
MARXO 1E RNAV 1	010	CA	-	-	024°	037.3°T	-		A1020+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	MARXO	-	079°	092.7°T	19.4			
NEMGU 1E RNAV 1	010	CA	-	-	024°	037.3°T	-		A1020+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	NETNI	-	294°	307.1°T	5.0	L		K230-
	040	TF	NEMGU	-	220°	232.9°T	32.7			
NEPIX 1E RNAV 1	010	CA	-	-	024°	037.3°T	-		A1020+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	NETNI	-	294°	307.1°T	5.0	L		K230-
	040	TF	MIPGO	-	204°	217.1°T	15.1			
	050	TF	NEPIX	-	183°	196.7°T	22.8			
OLNOP 1E RNAV 1	010	CA	-	-	024°	037.3°T	-		A1020+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	NETNI	-	294°	307.1°T	5.0	L		K230-
	040	TF	MIPGO	-	204°	217.1°T	15.1			
	050	TF	OLNOP	-	211°	224.7°T	23.8			
RENVI 1E RNAV 1	010	CA	-	-	024°	037.3°T	-		A1020+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	XEPGI	-	114°	127.2°T	5.0	R		K230-
	040	TF	RENVI	-	192°	205.2°T	32.9			
ROTKO 1E RNAV 1	010	CA	-	-	024°	037.3°T	-		A1020+	
	020	DF	RO363	-	-	-	-			K200-
	030	TF	ROTKO	-	348°	001.4°T	20.4			

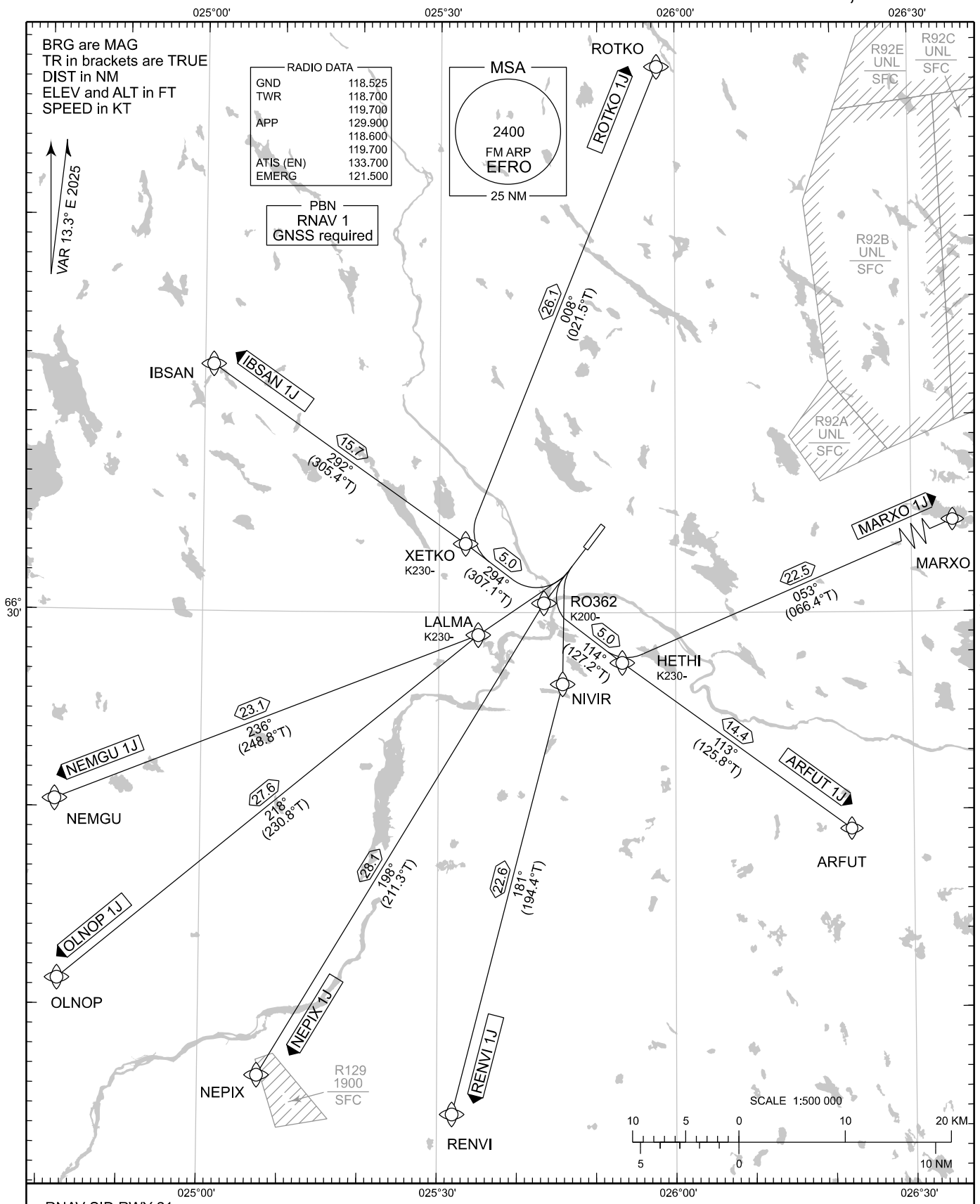
WPT COORD
SEE PAGE EFRO AD 2.15 - 1

STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT
5000

RNAV SID RWY 21C
ROVANIEMI AERODROME

ROVANIEMI, FINLAND



RNAV SID RWY 21

ARFUT 1J IBSAN 1J MARXO 1J NEMGU 1J NEPIX 1J OLNOP 1J RENVI 1J ROTKO 1J

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
CLOSE-IN OBSTACLES EXIST, SEE AIP SUP EFRO OMNIDIRECTIONAL DEPARTURES

RADIO CONTACT: MAINTAIN TWR FREQ UNTIL 2000 FT, THEN CONTACT ROVANIEMI RADAR FREQ 129.900

NOISE ABATEMENT: AFTER TAKE-OFF CLIMB AS RAPIDLY AS PRACTICABLE 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

FM 15 MAY 2025 to 10 JUL 2025

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EFRO RNAV SID RWY 21C										
RTE NAV SPEC	SEQ NR	P/T	WPT ID	WPT Flyover	MAG	GEO TR	DIST NM	Turn Direction	Constraints LVL	Constraints Speed
ARFUT 1J RNAV 1	010	CA	-	-	204°	217.3°T	-		A1030+	
	020	DF	RO362	-	-	-	-			K200-
	030	TF	HETHI	-	114°	127.2°T	5.0			K230-
	040	TF	ARFUT	-	113°	125.8°T	14.4			
IBSAN 1J RNAV 1	010	CA	-	-	204°	217.3°T	-		A1030+	
	020	DF	RO362	-	-	-	-			K200-
	030	TF	XETKO	-	294°	307.1°T	5.0			K230-
	040	TF	IBSAN	-	292°	305.4°T	15.7			
MARXO 1J RNAV 1	010	CA	-	-	204°	217.3°T	-		A1030+	
	020	DF	RO362	-	-	-	-			K200-
	030	TF	HETHI	-	114°	127.2°T	5.0	L		K230-
	040	TF	MARXO	-	053°	066.4°T	22.5			
NEMGU 1J RNAV 1	010	CA	-	-	204°	217.3°T	-		A1030+	
	020	DF	LALMA	-	-	-	-			K230-
	030	TF	NEMGU	-	236°	248.8°T	23.1			
NEPIX 1J RNAV 1	010	CA	-	-	204°	217.3°T	-		A1030+	
	020	DF	RO362	-	-	-	-			K200-
	030	TF	NEPIX	-	198°	211.3°T	28.1			
OLNOP 1J RNAV 1	010	CA	-	-	204°	217.3°T	-		A1030+	
	020	DF	LALMA	-	-	-	-			K230-
	030	TF	OLNOP	-	218°	230.8°T	27.6			
RENVI 1J RNAV 1	010	CA	-	-	204°	217.3°T	-		A1030+	
	020	DF	NIVIR	-	-	-	-			
	030	TF	RENVI	-	181°	194.4°T	22.6			
ROTKO 1J RNAV 1	010	CA	-	-	204°	217.3°T	-		A1030+	
	020	DF	RO362	-	-	-	-			K200-
	030	TF	XETKO	-	294°	307.1°T	5.0	R		K230-
	040	TF	ROTKO	-	008°	021.5°T	26.1			

WPT COORD
SEE PAGE EFRO AD 2.15 - 1

EFRO OMNIDIRECTIONAL DEPARTURES				
RWY	PROC	Controlling OBST		
		Phase	ELEV FT	BRG GEO / DIST NM
03	Climb straight ahead until MNM turning ALT 1020 FT. Note 1: Close-in obstacles exist, total number 6. Note 2: Published close-in obstacles not considered in PDG.	PDG	NIL	
		TNA	NIL	
21C	Climb straight ahead until MNM turning ALT 1030 FT. Note 1: Close-in obstacles exist, total number 1. Note 2: Published close-in obstacles not considered in PDG.	PDG	NIL	
		TNA	NIL	

ADDITIONAL INFORMATION FOR ALL RUNWAYS	
SQUAWK	WHEN LINING UP SQUAWK THE ASSIGNED CODE
NOISE ABATEMENT	AFTER TAKE-OFF CLIMB AS RAPIDLY AS PRACTICABLE TO AT LEAST 2000 FT ABOVE AD ELEV
RADIO CONTACT	MAINTAIN TWR FREQ UNTIL 2000 FT, THEN CONTACT ROVANIEMI RADAR FREQ 129.900

EFRO RWY 03 CLOSE-IN OBSTACLES		
NR	COORD	ELEV FT
1.	663433.8N 0255106.5E	689
2.	663428.1N 0255043.4E	680
3.	663430.6N 0255042.4E	648
4.	663428.8N 0255040.8E	644
5.	663423.1N 0255056.9E	642
6.	663427.5N 0255039.1E	638

EFRO RWY 21C CLOSE-IN OBSTACLES		
NR	COORD	ELEV FT
1.	663313.7N 0254833.6E	719

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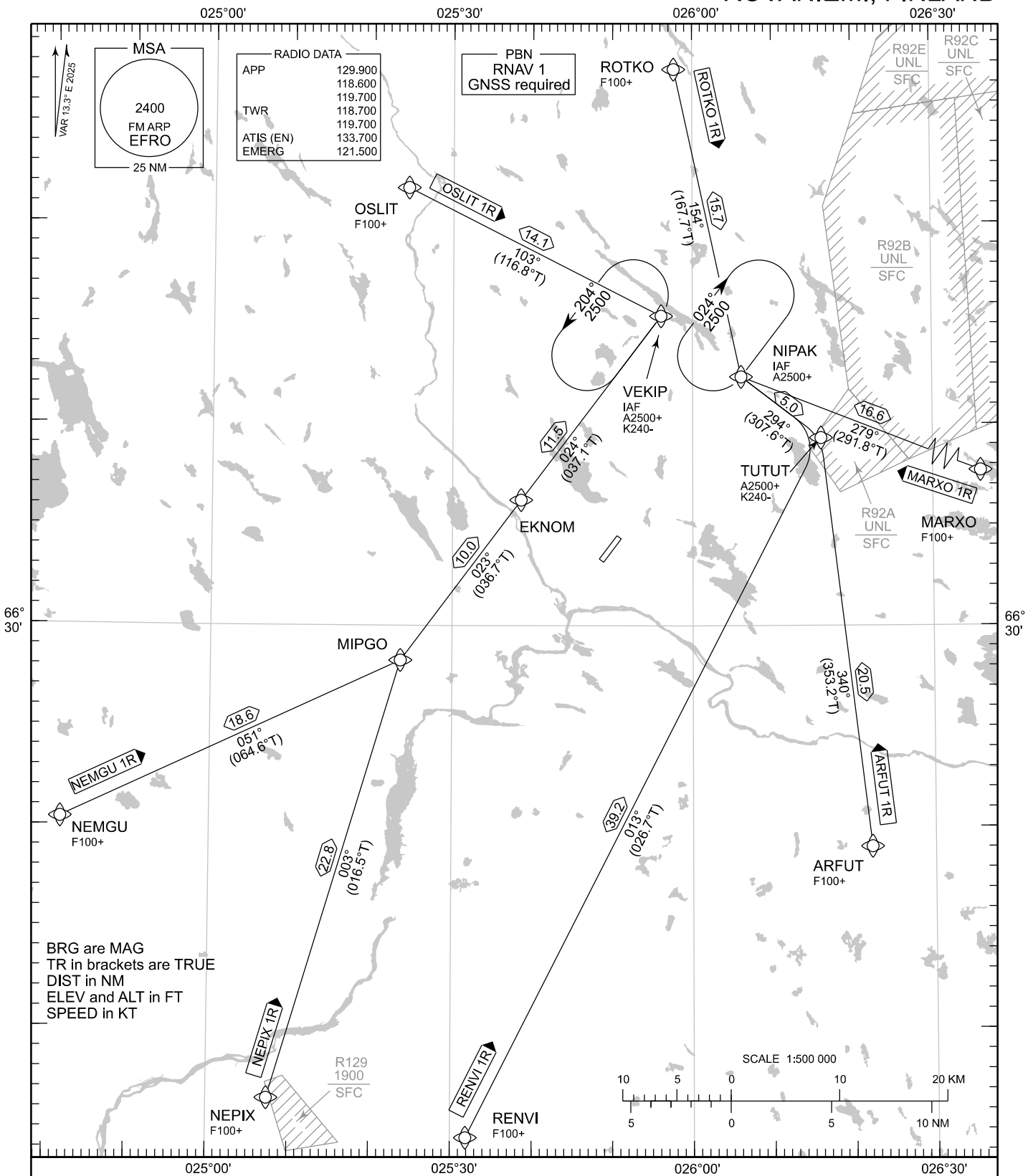
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT
5000

RNAV STAR RWY 21C
ROVANIEMI AERODROME

ROVANIEMI, FINLAND



RNAV STAR RWY 21C

ARFUT 1R MARXO 1R NEMGU 1R NEPIX 1R OSLIT 1R RENVI 1R ROTKO 1R

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 VECTORING 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		

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EFRO RNAV STAR RWY 21C										
RTE NAV SPEC	SEQ NR	P/T	WPT ID	WPT Flyover	MAG	GEO TR	DIST NM	Constraints LVL	Constraints LVL	Constraints Speed
ARFUT 1R RNAV 1	010	IF	ARFUT	-	-	-	-	F100+		
	020	TF	TUTUT	-	340°	353.2°T	20.5	A2500+		K240-
	030	TF	NIPAK	-	294°	307.6°T	5.0	A2500+		
MARXO 1R RNAV 1	010	IF	MARXO	-	-	-	-	F100+		
	020	TF	NIPAK	-	279°	291.8°T	16.6	A2500+		
NEMGU 1R RNAV 1	010	IF	NEMGU	-	-	-	-	F100+		
	020	TF	MIPGO	-	051°	064.6°T	18.6			
	030	TF	EKNOM	-	023°	036.7°T	10.0			
	040	TF	VEKIP	-	024°	037.1°T	11.5	A2500+		K240-
NEPIX 1R RNAV 1	010	IF	NEPIX	-	-	-	-	F100+		
	020	TF	MIPGO	-	003°	016.5°T	22.8			
	030	TF	EKNOM	-	023°	036.7°T	10.0			
	040	TF	VEKIP	-	024°	037.1°T	11.5	A2500+		K240-
OSLIT 1R RNAV 1	010	IF	OSLIT	-	-	-	-	F100+		
	020	TF	VEKIP	-	103°	116.8°T	14.1	A2500+		K240-
RENVI 1R RNAV 1	010	IF	RENVI	-	-	-	-	F100+		
	020	TF	TUTUT	-	013°	026.7°T	39.2	A2500+		K240-
	030	TF	NIPAK	-	294°	307.6°T	5.0	A2500+		
ROTKO 1R RNAV 1	010	IF	ROTKO	-	-	-	-	F100+		
	020	TF	NIPAK	-	154°	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	204°	Right	K230-	A2500	1 MIN	-
VEKIP	037.1°T	024°	Left	K230-	A2500	1 MIN	-

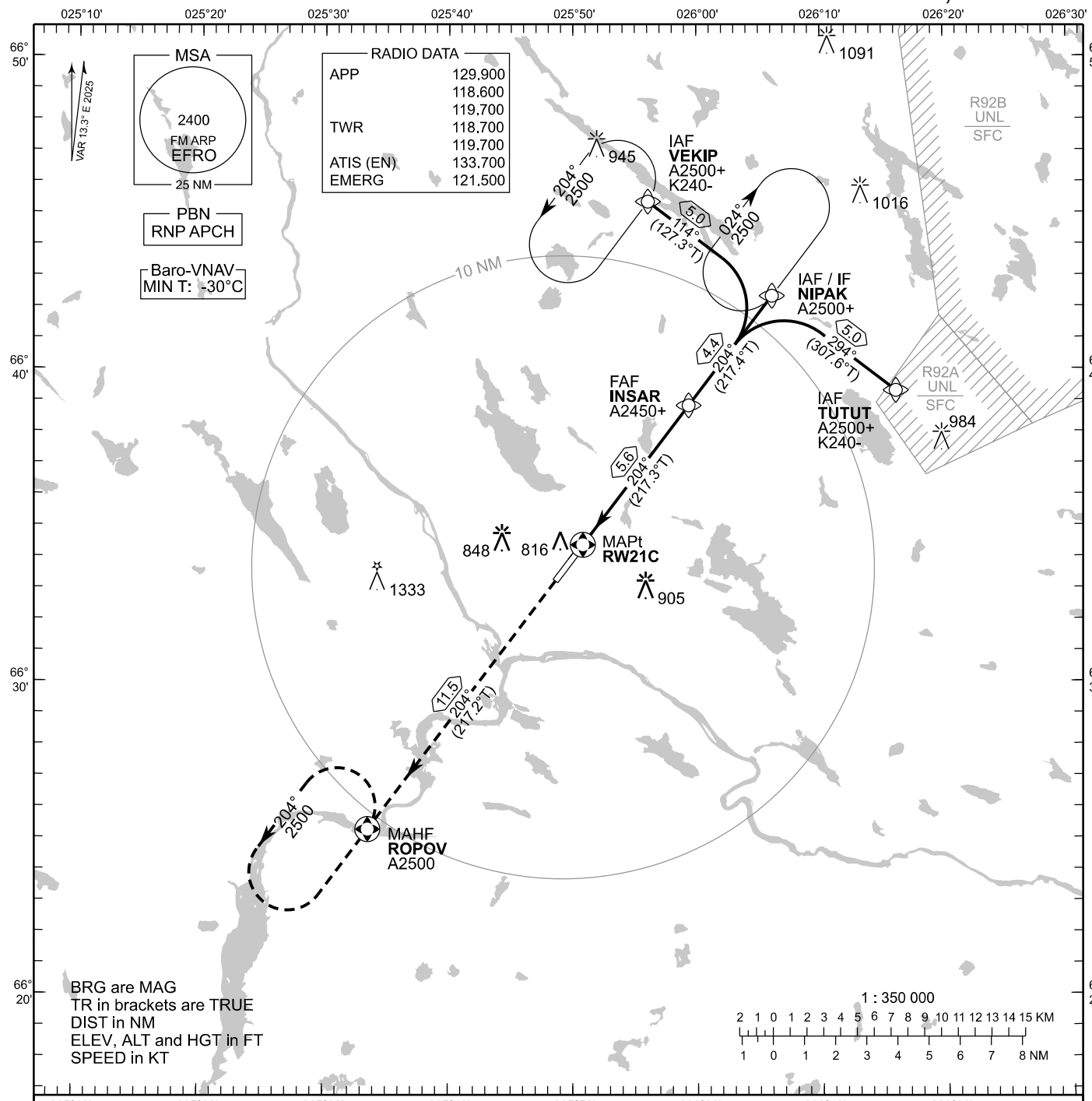
WPT COORD
SEE PAGE EFRO AD 2.15 - 1

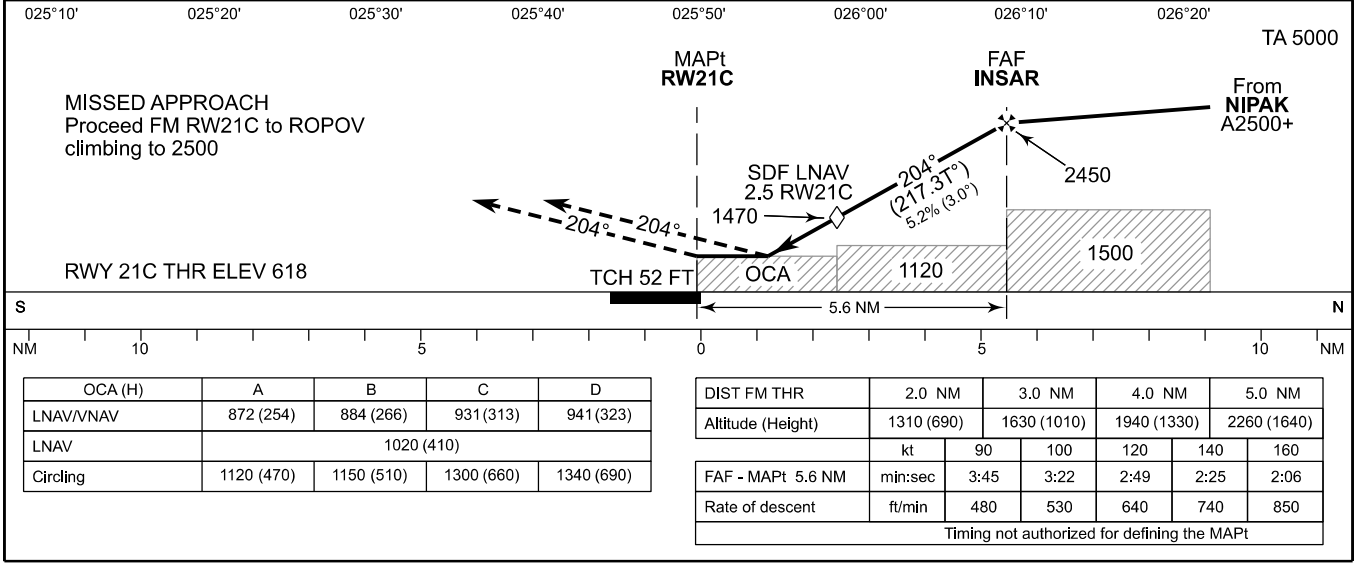
INSTRUMENT
APPROACH CHART - ICAO

ELEV 643 FT
HEIGHTS RELATED TO
THR RWY 21C ELEV 618 FT

RNP RWY 21C
ROVANIEMI AERODROME

ROVANIEMI, FINLAND





OCA (H)	A	B	C	D
LNAV/VNAV	872 (254)	884 (266)	931 (313)	941 (323)
LNAV	1020 (410)			
Circling	1120 (470)	1150 (510)	1300 (660)	1340 (690)

DIST FM THR	2.0 NM	3.0 NM	4.0 NM	5.0 NM
Altitude (Height)	1310 (690)	1630 (1010)	1940 (1330)	2260 (1640)

	kt	90	100	120	140	160
FAF - MAPt 5.6 NM	min:sec	3:45	3:22	2:49	2:25	2:06
Rate of descent	ft/min	480	530	640	740	850

Timing not authorized for defining the MAPt

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EFRO RNP RWY 21C										
PROC ID / NAV SPEC	SEQ NR	P/T	WPT			MAG	GEO TR	DIST NM	Constraints	
			ID	Type	Flyover				LVL	Speed
H21C TUTUT RNP APCH	005	IF	TUTUT	IAF	-				A2500+	K240-
						294°	307.6°T	5.0		
	010	TF	NIPAK	IF	-				A2500+	
						204°	217.4°T	4.4		
	020	TF	INSAR	FAF	-				A2450+	
						204°	217.3°T	5.6		
	030	TF	RW21C	MAPt	Y					
						204°	217.2°T	11.5		
	040	TF	ROPOV	MAHF	Y				A2500	

EFRO RNP RWY 21C										
PROC ID / NAV SPEC	SEQ NR	P/T	WPT			MAG	GEO TR	DIST NM	Constraints	
			ID	Type	Flyover				LVL	Speed
H21C NIPAK RNP APCH	010	IF	NIPAK	IAF/IF	-				A2500+	
						204°	217.4°T	4.4		
	020	TF	INSAR	FAF	-				A2450+	
						204°	217.3°T	5.6		
	030	TF	RW21C	MAPt	Y					
						204°	217.2°T	11.5		
	040	TF	ROPOV	MAHF	Y				A2500	

EFRO RNP RWY 21C										
PROC ID / NAV SPEC	SEQ NR	P/T	WPT			MAG	GEO TR	DIST NM	Constraints	
			ID	Type	Flyover				LVL	Speed
H21C VEKIP RNP APCH	005	IF	VEKIP	IAF	-				A2500+	K240-
						114°	127.3°T	5.0		
	010	TF	NIPAK	IF	-				A2500+	
						204°	217.4°T	4.4		
	020	TF	INSAR	FAF	-				A2450+	
						204°	217.3°T	5.6		
	030	TF	RW21C	MAPt	Y					
						204°	217.2°T	11.5		
	040	TF	ROPOV	MAHF	Y				A2500	

RNAV Holdings							
ID	INBD TR	INBD MAG	Turn Direction	Speed	MNM HLDG LVL	TIME	DIST NM
NIPAK	217.2°T	204°	Right	K230-	A2500	1 MIN	-
ROPOV	037.2°T	024°	Left	K230-	A2500	1 MIN	-

WPT COORD	
ID	COORD
TUTUT	663919.67N 0261603.74E
VEKIP	664523.10N 0255604.56E
NIPAK	664221.70N 0260605.37E
INSAR	663851.65N 0255920.38E
RW21C	663424.25N 0255048.36E
ROPOV	662517.62N 0253333.86E

FINAL APPROACH PARAMETERS			
LNAV Gradient	Baro-VNAV		TCH
	VPA	MNM T	
5.24 % (3.00°)	3.00°	-30°C	52 FT