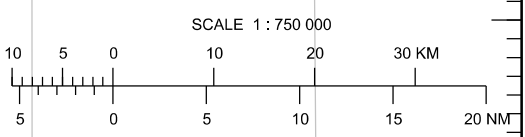


BRG are MAG  
TR in brackets are TRUE  
DIST in NM  
ELEV and ALT in FT  
SPEED in KT

RADIO DATA

GND	121.800
	118.125
TWR	118.600
	118.850
APP	119.700
	119.100
	129.850
	119.700
ATIS DEP (VOR) (EN)	114.200
EMERG	121.500

VOR/DME  
HELSINKI  
114.2 HEL  
CH 89X  
239 ft



**RNAV SID RWY 22R 2/2**  
**KOIVU 3Q RENKU 3Q VALOX 3Q**

DME/DME OPS:	NOT SUPPORTED	INITIAL CLIMB:	RWY TRACK UNTIL TURNING DISTANCE AND TURNING ALTITUDE OF AT LEAST 680 FT. PDG 5.0 % (304 FT/NM) UNTIL 4000 FT BASED ON AIRSPACE RESTRICTIONS.
ROUTES:	INITIAL PART OF SID IS CONVENTIONAL. DME REQUIRED. FOR THE CONVENTIONAL PART AND CHANGE-OVER TO RNAV, SEE RNAV PROC CODING TABLES ON THE VERSO OF THE CHART	CLIMB ALTITUDE:	CLIMB TO 4000 FT OR ASSIGNED ALTITUDE IF LOWER. CLIMB TO A HIGHER LEVEL ONLY WHEN CLEARED BY ATC.
USAGE:	ONLY FOR AIRCRAFT IN WAKE TURBULENCE CATEGORY L OR M AND NOT EXCEEDING FLYOVER NOISE LEVEL 89 EPNdB ACCORDING TO ICAO ANNEX 16, CHAPTER 3.	RADIO CONTACT:	MAINTAIN TWR FREQ UNTIL 1500 FT, THEN CONTACT HELSINKI RADAR FREQ 119.100.
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.
ADDITIONS TO SID:	INSTRUCTIONS CONTAINING DEVIATIONS FROM THE SID (TEMPORARY ALTITUDE RESTRICTIONS ETC) MAY BE INCLUDED IN THE ATC CLEARANCE PRIOR TO TAKE-OFF.	AREA MNM ALT:	SEE AMA INDEX, AIP ENR 6.1 - 3

CHG: ADDN D128A-E. DEL D140A-G.

EFHK RNAV SID RWY 22R 2/2											
RTE NAV SPEC	SEQ NR	P/T	WPT		MAG	GEO TR	DIST NM	Turn Direction	Constraints		
			ID	Flyover					LVL	Speed	
KOIVU 3Q RNAV 1	<b>INITIAL PART:</b>		AT 2.5 DME HEL, TURN DIRECT TO HK428								
	010	-	HK428	-	-	-	-				
	020	TF	UREDA	-	239°	248.5°T	4.8	L		K250-	
	030	TF	KOIVU	-	168°	176.9°T	23.7				

RENKU 3Q RNAV 1	<b>INITIAL PART:</b>		AT 2.5 DME HEL, TURN DIRECT TO HK428								
	010	-	HK428	-	-	-	-				
	020	TF	UREDA	-	239°	248.5°T	4.8	L		K250-	
	030	TF	RENKU	-	149°	158.7°T	22.8				

VALOX 3Q RNAV 1	<b>INITIAL PART:</b>		AT 2.5 DME HEL, TURN DIRECT TO HK428								
	010	-	HK428	-	-	-	-				
	020	TF	UREDA	-	239°	248.5°T	4.8	L		K250-	
	030	TF	VALOX	-	196°	205.8°T	33.8				

WPT COORD	
SEE PAGE EFHK AD 2.15 - 1	