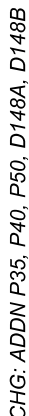


TRANSITION ALT
5000

HELSINKI, FINLAND



MAROM 4B NAPUN 1B PEXEN 4B

RCF: SELECT TRANSPONDER CODE 7600.

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

DURING RADAR VECTORING BEFORE IAF:
PROCEED TO ROPAM HLDG USING LAST ASSIGNED
AND ACKNOWLEDGED ALT/FL OR MHA IF HIGHER.
LEAVE HLDG ACCORDING TO CURRENT FLIGHT PLAN
ETA, USE RNAV STAR TO JOIN IAP AND EXECUTE IAP
FOR LAST ACKNOWLEDGED RWY.

AIRCRAFT HAVING TELEPHONE, CALL +358 9 8277 3324.

ATC WILL GIVE DESCENT CLEARANCES.

CD OPS: BY ATC CLR IF TFC PERMITS. PLAN CD PATH ACCORDING TO STAR.

EFHK RNAV STAR RWY 04L 2/2										
RTE NAV SPEC	SEQ NR	P/T	WPT		MAG	GEO TR	DIST NM	Turn Direction	Constraints	
			ID	Flyover					LVL	Speed
MAROM 4B RNAV 1 or P-RNAV	010	IF	LAKUT	-	-	-	-		F100+	
	020	TF	MAROM	-	075°	083.2°T	5.0		F070+	K250-
	030	TF	HK871	-	085°	093.3°T	13.7	R	A3000+	
	040	TF	HK849	-	153°	161.0°T	8.1	R		
	050	TF	HK851	-	219°	227.2°T	8.4	L	A2300	K220-
	060	TF	HK852	-	129°	137.0°T	6.0	L	A2300	
	070	TF	PODOM	-	039°	047.1°T	6.0		A2300	K210-

NAPUN 1B RNAV 1 or P-RNAV	010	IF	LUSEP	-	-	-	-		F100+	
	020	TF	NAPUN	-	170°	178.2°T	7.5		F070+	K250-
	030	TF	HK890	-	170°	178.2°T	13.8	R		
	040	TF	HK896	-	223°	231.3°T	16.5		A3000+	
	050	TF	HK849	-	219°	227.4°T	10.6			
	060	TF	HK851	-	219°	227.2°T	8.4	L	A2300	K220-
	070	TF	HK852	-	129°	137.0°T	6.0	L	A2300	
	080	TF	PODOM	-	039°	047.1°T	6.0		A2300	K210-

PEXEN 4B RNAV 1 or P-RNAV	010	IF	DIVAM	-	-	-	-		F100+	
	020	TF	PEXEN	-	052°	060.7°T	8.0		F070+	K250-
	030	TF	KUDOP	-	054°	062.2°T	8.6	L		
	040	TF	HK874	-	003°	011.4°T	14.0	R	A3000+	K220-
	050	TF	HK873	-	050°	058.6°T	5.0	R	A3000+	
	060	TF	HK851	-	129°	137.0°T	3.3		A2300	K220-
	070	TF	HK852	-	129°	137.0°T	6.0	L	A2300	
	080	TF	PODOM	-	039°	047.1°T	6.0		A2300	K210-

RNAV Holdings							
ID	INBD TR	INBD MAG	Turn Direction	MAX IAS	MNM HLDG LVL	TIME	DIST NM
DIVAM	067.4°T	059°	Right	230 KT	F100	1 MIN	-
LAKUT	077.9°T	070°	Left	230 KT	F100	1 MIN	-
LUSEP	181.3°T	173°	Left	230 KT	F100	1 MIN	-

WPT COORD
SEE PAGE EFHK AD 2.15 - 1