

AIP - SUOMI / FINLAND Aeronautical Information Service ais.fi		AIP AMDT NR 06/2016 AIRAC WEF 10 NOV 2016
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AIP:N MUUTOS NR 06/2016

AIP AMENDMENT NR 06/2016

Julkaisupäivä

15 SEP 2016

Publication date

Voimaantulopäivä

10 NOV 2016

Effective date

1. Muutos sisältää alla esitetyt muutosaiheet. AIRAC-tyypiset muutosaiheet on esitetty lihavoidulla tekstillä.

1. This amendment includes the below described changes. AIRAC type changes are written in bold.

AIHE / MUUTOS	AIP PAGE / PARA	SUBJECT / CHANGE
GEN		
Muutoksia RNAV-reittien esitystapaan - Reittitaulukon uusi esitystapa - Kartoilla tosisuuntien korvaaminen magneettisilla suunnilla - CDR-reittien esitystapa	GEN 2.3, ENR 3.3 ENR 6.1 - 1 EFHK AD 2.11 - 1	Changes to RNAV RTE chart symbols - New layout for route tables - True track replaced by MAG BRG on charts - CDR RTE symbolization
ENR		
ENKR TMA CENTER ja ENKR TMA WEST käyttöönotto (ATS delegated to Norway)	GEN 3.5, ENR 1.6 ENR 1.7, ENR 2.1, ENR 6.1 - 1, AD 1.3	Introduction of ENKR TMA CENTER and ENKR TMA WEST (ATS delegated to Norway)
Muutoksia sivurajoihin: - ACC SECT F ja G - EFPO TMA EAST - EFTP TMA WEST	ENR 2.1 ENR 6.1 - 1 ENR 6.1 - 5	Changes to lateral limits: - ACC SECT F and G - EFPO TMA EAST - EFTP TMA WEST
Muutoksia ATS-reitteihin seuraavasti: - Käyttöönotto: Y232 - Muutos: M745, T311, T400, Y362	ENR 3.3 ENR 6.1 - 1 EFHK AD 2.11 - 1	Changes to ATS routes as follows: - Introduction: Y232 - Changes: M745, T311, T400, Y362
Muutoksia ilmoittautumispaikkoihin seuraavasti: - Käytöstä poistaminen: PIBUB - Käyttöönotto: EVLAK, LAPMU, NEBAB, RIDVI, XORMU - FRA relevance -muutos: UGLUM (NOTAM K3546/16)	ENR 4.4 ENR 6.1 - 1	Changes to reporting points as follows: - Withdrawal: PIBUB - Introduction: EVLAK, LAPMU, NEBAB, RIDVI, XORMU - Change of FRA relevance: UGLUM (NOTAM A1726/16)
Muutoksia kielto- ja vaara-alueisiin seuraavasti: - Käytöstä poistaminen: EFD128A, EFD128B ja EFD128C - Käyttöönotto: EFP55, EFD150A, EFD150B ja EFD150C	ENR 5.1 ENR 6.1 - 1 ENR 6.3 - 1 ENR 6.3 - 5	Changes to prohibited and danger areas as follows: - Withdrawal: EFD128A, EFD128B and EFD128C - Introduction: EFP55, EFD150A, EFD150B and EFD150C
Muutoksia TRA-, Local TRA-, TSA-alueisiin ja suojavyöhykkeisiin seuraavasti:	ENR 5.2, ENR 6.4 - 3 ENR 6.4 - 5	Changes to TRA, Local TRA, TSA areas and flight buffer zones as follows:
Alueiden käytöstä poistaminen: / Withdrawal of areas: EFTRAF05, EFTRAG14, EFTRAK01 EFTRAPO26, EFTRATP01, EFTRATP02, EFTRATP03, EFTRATP04, EFTRATP05, EFTRATP06, EFTRATP07, EFTRATP08, EFTRATP09, EFTRATP10, EFTRATP11, EFTRATP12, EFTRATP13, EFTRATP14 EFTSAF17, EFTSAG30, EFTSAH20, EFTSAH29, EFTSAH32, EFTSAH33, EFTSAH34, EFTSAH35, EFTSAJ26, EFTSAJ27, EFTSAJ28 EFTSAF17Z, EFTSAG30Z, EFTSAH20Z, EFTSAH29Z, EFTSAH32Z, EFTSAH33Z, EFTSAH34Z, EFTSAH35Z, EFTSAJ26Z, EFTSAJ27Z, EFTSAJ28Z		
Alueiden käyttöönotto: / Introduction of areas: EFTRAF18, EFTRAG32 EFTRAPO34, EFTRATP61, EFTRATP62, EFTRATP63, EFTRATP64, EFTRATP65, EFTRATP66, EFTRATP67, EFTRATP68, EFTRATP69, EFTRATP70, EFTRATP71, EFTRATP72, EFTRATP73, EFTRATP74, EFTRATP75, EFTRATP76, EFTRATP77, EFTRATP78, EFTRATP79, EFTRATP80, EFTRATP81, EFTRATP82, EFTRATP83, EFTRATP84, EFTRATP85, EFTRATP86, EFTRATP87 EFTSAF19, EFTSAG31, EFTSAH46, EFTSAH47, EFTSAH48, EFTSAH49, EFTSAH50, EFTSAH51, EFTSAJ31, EFTSAJ32, EFTSAJ33, EFTSAJ34, EFTSAJ35 EFTSAF19Z, EFTSAG31Z, EFTSAH46Z, EFTSAH47Z, EFTSAH48Z, EFTSAH49Z, EFTSAH50Z, EFTSAH51Z, EFTSAJ31Z, EFTSAJ32Z, EFTSAJ33Z, EFTSAJ34Z, EFTSAJ35Z		

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AD		
KAIKKI LENTOASEMAT / ALL AD		
Uusi sarake ARST (arresting system)	AD 2.12	New column ARST (arresting system)
JOENSUU (EFJO)		
Muutoksia yhteystietoihin: tulli, tavarankäsittely, jäänpoisto	EFJO AD 2.3	Changes to contact information: customs, handling, de-icing
MARIEHAMN (EFMA)		
Tutkapalvelun käyttöönotto	AD 2, ENR 1.6	Introduction of radar service
Ympäristölupamääräys - Liikennerajoitukset	EFMA AD 2.21	Environmental permit - Traffic restrictions
ATC SMAC - Uusi menetelmä	EFMA AD 2.9 - 1	ATC SMAC - New PROC
OULU (EFOU)		
Ympäristölupamääräys - Ensisijainen kiitotie	EFOU AD 2.21	Environmental permit - Preferential runway system
PORI (EFPO)		
Ympäristölupamääräys - Yleisilmailu	EFPO AD 2.21	Environmental permit - General aviation
ATC SMAC - Käytöstä poistaminen: S07 ja PIBUB - Käyttöönotto: S08 ja XORMU	EFPO AD 2.9 - 1 / 2	ATC SMAC - Withdrawal: S07 and PIBUB - Introduction: S08 and XORMU
RNAV STAR RWY 12 RNAV STAR RWY 30 NON-RNAV INA RWY 12 NON-RNAV INA RWY 30 - Käytöstä poistaminen: RTE PIBUB - Käyttöönotto: RTE XORMU	EFPO AD 2.12 - 1 / 2 EFPO AD 2.12 - 3 / 4 EFPO AD 2.12 - 5 EFPO AD 2.12 - 7 EFPO AD 2.15 - 1	RNAV STAR RWY 12 RNAV STAR RWY 30 NON-RNAV INA RWY 12 NON-RNAV INA RWY 30 - Withdrawal: RTE PIBUB - Introduction: RTE XORMU
ROVANIEMI (EFRO)		
Ympäristölupamääräys - Ensisijainen kiitotie - Koululennot ja yleisilmailu	EFRO AD 2.21	Environmental permit - Preferential runway system - Training flights and general aviation
TAMPERE-PIRKKALA (EFTP)		
EFTP CTR ilmatilaluokan muutos	EFTP AD 2.17 EFTP AD 2.14 - 1	Change of EFTP CTR airspace class
GND taajuuden käyttöönotto	EFTP AD 2	Introduction of GND frequency
Ympäristölupamääräys - Ensisijainen kiitotie	EFTP AD 2.21	Environmental permit - Preferential runway system
AOC RWY 06/24 - Muutoksia RWY 06/24 noususektoreiden estetietoihin	EFTP AD 2.7 - 1	AOC RWY 06/24 - Changes to RWY 06/24 OBST data
ATC SMAC - Käytöstä poistaminen: S11, AMUPO ja PIBUB - Käyttöönotto: S12, NEBAB ja XORMU	EFTP AD 2.9 - 1 / 2	ATC SMAC - Withdrawal: S11, AMUPO and PIBUB - Introduction: S12, NEBAB and XORMU
RNAV SID RWY 06 RNAV SID RWY 24 RNAV STAR RWY 06 RNAV STAR RWY 24 NON-RNAV INA RWY 06 - Käytöstä poistaminen: RTE AMUPO ja PIBUB - Käyttöönotto: RTE NEBAB ja XORMU	EFTP AD 2.10 - 1 / 2 EFTP AD 2.10 - 3 / 4 EFTP AD 2.12 - 1 / 2 EFTP AD 2.12 - 3 / 4 EFTP AD 2.12 - 5	RNAV SID RWY 06 RNAV SID RWY 24 RNAV STAR RWY 06 RNAV STAR RWY 24 NON-RNAV INA RWY 06 - Withdrawal: RTE AMUPO and PIBUB - Introduction: RTE NEBAB and XORMU
OMNIDIRECTIONAL DEPARTURES - Lähiesteiden muutos RWY 24	EFTP AD 2.10 - 5	OMNIDIRECTIONAL DEPARTURES - Change of close-in obstacles RWY 24
VOR RWY 06 - Alkulähestymisreittien muutos	EFTP AD 2.13 - 3	VOR RWY 06 - Change of INA
ILS Z or LOC Z RWY 24 ILS Y or LOC Y RWY 24 - Suoran lähestymisen OCA(H) muutos	EFTP AD 2.13 - 5 / 6 EFTP AD 2.13 - 7	ILS Z or LOC Z RWY 24 ILS Y or LOC Y RWY 24 - Change of straight-in approach OCA(H)

AIHE / MUUTOS	AIP PAGE / PARA	SUBJECT / CHANGE
WAYPOINTS AND FIXES - Käytöstä poistaminen: TP401, TP402, TP403, TP404 - Käyttöönotto: PIKOB, TP409, TP410, TP411, TP412	EFTP AD 2.15 - 1	WAYPOINTS AND FIXES - Withdrawal: TP401, TP402, TP403, TP404 - Introduction: PIKOB, TP409, TP410, TP411, TP412
TURKU (EFTU)		
Ympäristölupamääräys - Yleisilmailu	EFTU AD 2.21	Environmental permit - General aviation

2. Seuraavat NOTAMit on sisällytetty AIP:hen tällä AIRAC-muutoksella:

Information previously published by the following NOTAM has been incorporated in the AIP with this AIRAC AMDT:

NOTAM: K3546/16
A1726/16

NOTAMit kumotaan 14 vuorokauden kuluttua tämän AIP AIRAC muutoksen voimaantulosta.

The NOTAM concerned will be cancelled 14 days after the effective date of this AIP AIRAC AMDT.

Seuraavat AIP Supplementit ja AIC:t on sisällytetty AIP:hen / kumotaan tällä AIP AIRAC muutoksella:

Information published by the following AIP Supplements and AIC have been incorporated in the AIP / cancelled with this AIRAC AMDT:

AIP SUP: 74/2016
AIC A: NIL

3. **Luettelo tällä muutoksella poistetuista ja/tai lisätyistä AIP:n sivuista**
List of AIP pages removed and/or inserted by this Amendment

Huom.: Päiväys muutetaan vain niille sivuille, joille on tehty muutoksia.

Note: The date is changed only for those pages that have been modified.

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Trooppinen sykloni (hurrikaani. taifuuni)	TC	Tropical cyclone
(äännetään "TEE-CAS-AR-AY") Yhteentörmäysvaarasta ilmassa varoittavan järjestelmän antama toimintaohje	TCAS RA	(to be pronounced "TEE-CAS-AR-AY") Traffic alert and collision avoidance system resolution advisory
Kynnyksen ylityskorkeus	TCH	Threshold crossing height
Tornimainen cumulus (pilvityyppi)	TCU	Towering cumulus
Tornado, trombi	TDO	Tornado
Kosketuskohta-alue	TDZ	Touchdown zone
Tekninen syy	TECR	Technical reason
Puhelin	TEL	Telephone
Ajoittain, tilapäinen, väliaikainen	TEMPO	Temporary or temporarily
Liikenne	TFC	Traffic
Läpilasku	TGL	Touch-and-go landing
Tilapäinen ohjelehtinen	*TGL	Temporary Guidance Leaflet
Rullausopastusjärjestelmä	TGS	Taxiing guidance system
Kynnys	THR	Threshold
Läpi, kautta	THRU	Through
Torstai	THU	Thursday
Ilma-aluksen liikenneilmoitus	TIBA	Traffic information broadcast by aircraft
Saakka, asti	TIL	Until
Kunnes...(paikka) on ohitettu	TIP	Until past...(place)
Liikennetiedotusjärjestelmä	*TIS	Traffic information system
Lähteä lentoon, lentoonlähtö	TKOF	Take off
Aika, milloin säämuutoksen ennustetaan päättyvän	TL...	Till (followed by time by which weather change is forecast to end)
Kosketuskohta- ja ilmaannousalue helikoptereille	TLOF	Touchdown and lift-off area
Lähestymisalue	TMA	Terminal control area
Transponderivyöhyke	*TMZ	Transponder mandatory zone
Kaartokorkeus (MSL)	TNA	Turn altitude
Kaartokorkeus (GND)	TNH	Turn height
Johonkin (paikkaan)	TO	To...(place)
Target Off Block Time (ei käännöstä)	*TOBT	Target Off Block Time
Lentoonlähtöön käytettävissä oleva matka	TODA	Take-off distance available
Lentoonlähtöön käytössä oleva matka helikoptereille	TODAH	Take-off distance available. helicopter
Pilven yläraja	TOP	Cloud top
Lähtökiitoon käytettävissä oleva matka	TORA	Take-off run available
Kaartopiste	TP	Turning point
Lentosuunta	TR	Track
Tilapäinen ilmatilavarausilmatila	TRA	Temporary reserved airspace
Tilapäinen ilmatilavarausalue	*TRA	Temporary reserved area (FUA)
Lähetää tai lähetin	TRANS	Transmits or transmitter
Siirtopinta	TRL	Transition level
Tropopausi	TROP	Tropopause
Ukkosta ilman sadetta	TS	Thunderstorm (in aerodrome reports and forecasts, TS used alone means thunder heard but no precipitation at the aerodrome)
Ukkosta ja sadetta (lisättynä seuraavilla: RA, SN, PE, GR, GS tai näiden yhdistelmillä)	TS...	Thunderstorm (followed by RA, SN, PE, GR, GS or combinations thereof, e.g. TSRASN = thunderstorm with rain and snow)
Tilapäinen erillisvarausalue	*TSA	Temporary segregated area
Target Start Up Approval Time (ei käännöstä)	*TSAT	Target Start Up Approval Time
Tsunami	TSUNAMI	Tsunami
Kaukokirjoitin	TT	Teletypewriter
Tiistai	TUE	Tuesday
Turbulenssi, ilman pyörteisyys	TURB	Turbulence
TVASIS-liukukulmavalajärjestelmä	T-VASIS	T visual approach slope indicator system
Porvarillinen hämärä	*TWIL	Civil twilight
Lennonjohtotorni tai lähilennonjohto	TWR	Aerodrome control tower or aerodrome control
Rullaustie	TWY	Taxiway

Ilma-alustyyppi	TYP	Type of aircraft
Taifuuni	TYPH	Typhoon

U

Paranee (RVR-arvon tendenssi viimeisen 10 minuutin aikana)	U	Upward (tendency in RVR during previous 10 minutes)
Yläaluelennonjohto	UAC	Upper area control centre
Ylälentreitti	UAR	Upper air route
Miehittämätön ilma-alus	*UAV	Unmanned aerial vehicle
UHF-suuntimo	UDF	Ultra high frequency direction-finding station
Kunnes toisin ilmoitetaan. toistaiseksi	UFN	Until further notice
Ultrasuuret taajuuudet (300 - 3 000 MHz)	UHF	Ultra high frequency (300 to 3 000 MHz)
Ylälentotiedotuskeskus	UIC	Upper information centre
Ylälentotiedotusalue	UIR	Upper flight information region
Ultrapitkä etäisyys, toimintasäde tai kantomatka	ULR	Ultra long range
Rajoittamaton	UNL	Unlimited
Epäluotettava	UNREL	Unreliable
Epäkunnossa	U/S	Unserviceable
Ylälennonjohtoalue	UTA	Upper control area
Koordinoitu maailmanaika	UTC	Co-ordinated Universal Time
Päivitetty ilmatilan käyttösuunnitelma	*UUP	Updated airspace use plan

V

Vulkaanista tuhkaa	VA	Volcanic ash
Näkölähestymiskartta (nimi / tunnus)	VAC	Visual approach chart (followed by name / title)
Laaksoissa	VAL	In valleys
Kiitotien valvonta-auto	VAN	Runway control van
Magneettinen eranto	VAR	Magnetic variation
Liukukulmavalvojärjestelmä	VASIS	Visual approach slope indicator system
Sää 5-8 km:n etäisyydellä lentoasemasta (lisätyinä seuraavilla: VC FG, FC, SH, PO, BLDU, BLSA, BLSN)	VC	Vicinity of the aerodrome (followed by FG, FC, SH, PO, BLDU, BLSA or BLSN, e.g. VC FG = vicinity fog)
Läheisyys, lähistö	VCY	Vicinity
VHF-suuntimo	VDF	Very high frequency direction-finding station
Pysty, pystysuunnassa	VER	Vertical
Näkölentosäännöt	VFR	Visual flight rules
Hyvin suuret taajuuudet (30 - 300 MHz)	VHF	Very high frequency (30 to 300 MHz)
Hyvin tärkeä henkilö	VIP	Very important person
Näkyvyys	VIS	Visibility
Hyvin matalat taajuuudet (3 - 30 kHz)	VLF	Very low frequency (3 to 30 kHz)
Hyvin pitkä etäisyys, toimintasäde tai kantomatka	VLR	Very long range
Näkösääolosuhteet	VMC	Visual meteorological conditions
(äännetään "VEE-NAV") Pystysuuntainen suunnistus	VNAV	(to be pronounced "VEE-NAV") Vertical navigation
Osa (lisätyinä I, II...)	*VOL	Volume (followed by I, II...)
Säätiedot lennolla olevalle ilma-alukselle (lähetyks)	VOLMET	Meteorological information for aircraft in flight
VHF-monisuuntamajakka	VOR	VHF omnidirectional radio range
VOR- ja TACAN-laitteiden yhdistelmä	VORTAC	VOR and TACAN combination
Lentokoneen VOR-laitteen testauslaite	VOT	VOR airborne equipment test facility
Vaihteleva	VRB	Variable
Maastohavaintoihin perustuva	VSA	By visual reference to the ground
Pystysuora nopeus	VSP	Vertical speed
Pystysuuntainen lentoonlähtö ja lasku	VTOL	Vertical take-off and landing

GEN 2.3 KARTTAMERKIT

GEN 2.3 CHART SYMBOLS

1. YLEISTÄ

Ilmailukartoilla (ICAO) käytetyt karttamerkit ovat pääosin ICAO:n Annex 4, Aeronautical Charts, mukaiset.

Useiden karttasarjojen kartoilla on selitetty ao. kartalla käytetyt karttamerkit.



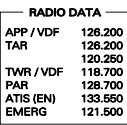


1. GENERAL











The chart symbols used on aeronautical charts ICAO mainly correspond to the symbols contained in the ICAO Annex 4, Aeronautical Charts.















In a great number of chart series, charts include a legend of the symbols used on the chart concerned.














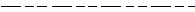
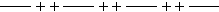
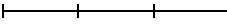

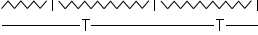
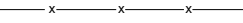
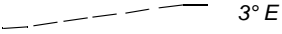



Lentopaikat / Aerodromes		
Siviililentoasema		Civil aerodrome
Sotilaslentoasema		Military aerodrome
Lentokenttä (ilman laitteita ja lennonjohtoa)		Aerodrome (without facilities and ATC)
Lentopaikka kiitoteineen		Aerodrome with runways
Helikopterilentopaikka tai helikopterien laskualue		Heliport or helicopter alighting area
Hylätty tai suljettu lentopaikka		Abandoned or closed aerodrome
Lentoasemakohteet / Aerodrome objects		
Pistevalo		Point light
PAPI liukukulmavalajärjestelmä		Precision approach path indicator
Kiitotienäkyvyyden havaintopaikka		RVR observation site
Tuulensuunnan osoitin - valaisematon / valaistu		Wind direction indicator - unlighted / lighted
Kiitotieodotuspaikka		Runway-holding position
Kiitotieodotuspaikka CAT II tai CAT III		Runway-holding position CAT II or CAT III
Väliodotuspaikka		Intermediate holding position
Pysäytysvaijeri		Arresting cable
Lennonjohdon vastuualueen raja		ATC service boundary
Lentopaikan mittapiste		Aerodrome reference point
Apron Spot (asematasolla sijaitseva maalausmerkein merkitty koordinaatiopiste)		Apron Spot (co-ordination point at apron)
Rullausteiden tunnus		Taxiway identification letter
Väliodotuspaikan tunnus		Intermediate holding position identification
Ilma-aluksen seisontapaikka ja sen tunnus		Aircraft stand and identification

Kiitotien varoitusvalot		Runway guard lights on taxiways
Hot Spot (kiitotiepoikkeama) ks. AD 1.1, kohta 7.8		Hot Spot (runway incursion) see AD 1.1, para 7.8
Ilmatila / Airspace		
Lentotiedotusalue (FIR)		Flight information region (FIR)
ACC-sektori		ACC sector
Lähestymisalue, lennonjohtoalue tai lentotiedotusvyöhyke (UPPER) (ARC, ENRC ja INDEX -kartoilla)		Terminal area, control area or flight information zone (UPPER) (on ARC, ENRC and INDEX charts)
Lähestymisalue, lennonjohtoalue tai lentotiedotusvyöhyke (UPPER) (ANC tai VAC -kartoilla)		Terminal area, control area or flight information zone (UPPER) (on ANC or VAC charts)
Lähialue tai lentotiedotusvyöhyke (LOWER)		Control zone or flight information zone (LOWER)
Pysyvä RNAV-reitti tunnuksineen		Permanent RNAV route and designator
Ehdollinen RNAV-reitti CDR 1 tunnuksineen		Conditional RNAV route CDR 1 and designator
Ehdollinen RNAV-reitti CDR 2 tunnuksineen		Conditional RNAV route CDR 2 and designator
Kielto-, rajoitus- tai vaara-alue tai muu erityisalue		Prohibited, restricted, danger area or other special area
Melunvaimennusalue		Noise abatement area
Tunnistusvyöhyke		Air defence identification zone
VFR-odotuskuvio		VFR holding pattern
Nopeuden rajoituspiste		Speed limiting point
Minimi aluekorkeus (AMA) Koordinaattiruudun alueella sijaitsevan korkeimman esteen tai korkeimman maastokohdan +60 M, kumpi on korkeampi, korkeus lisättynä turvamarginaalilla 300 M (984 FT) ja pyöristettynä ylöspäin lähimpään sataan jalkaan (esim. 1900 FT AMSL).		Area MNM ALT (AMA) Within quadrilaterals formed by parallels and meridians, highest obstacle elevation or highest terrain elevation +60 M, whichever is higher, plus safety margin of 300 M (984 FT) rounded up to the next higher hundred feet (e.g. 1900 FT AMSL).
Valvontaminimikorkeusalue (SMAA)		Surveillance minimum altitude area (SMAA)
Laitteiden perussymbolit / Navigation facilities. basic symbols		
VHF-monisuuntamajakka		VHF omnidirectional radio range
Etäisyydenmittauslaite		Distance measuring equipment
VHF-monisuuntamajakka ja etäisyydenmittauslaite yhdistettynä		VHF omnidirectional radio range with distance measuring equipment

Suuntaamaton radiomajakka Lähestymismajakka (L. NDB)	 L NDB	Non-directional radio beacon (L. NDB)
Radiolaitte (yleismerkki)		Basic radio facility
Radioyhteystiedot	 <div style="display: none;"> RADIO DATA APP / VDF 126.200 TAR 126.200 120.250 TWR / VDF 118.700 PAR 128.700 ATIS (EN) 133.550 EMERG 121.500 </div>	Radio data
Keskimerkki	 MM	Middle marker
Ulkomerkki	 OM	Outer marker

Ilmoittautumis- ja fly-by/flyover- toiminnallisuus / Reporting and fly-by/flyover functionality				
	Pyynnöstä / On request fly-by	Pakollinen / Compulsory fly-by	Pyynnöstä / On request flyover	Pakollinen / Compulsory flyover
IAP-rasti, VFR-ilmoittautumis- paikka <i>IAP fix, VFR reporting point</i>				
Reittipiste / Waypoint				
Suuntaamaton radiomajakka Lähestymismajakka (L. NDB) <i>Non-directional radio beacon (L. NDB)</i>				

Lentoesteet / Obstacles		
Korkeuspiste	 379	Spot elevation
Korkeus merenpinnasta Korkeus määrätystä tasosta	608 (358)	Elevation above mean sea level Height above specified datum
Lentoeste ja ryhmä esteitä (valaisematon)	 	Obstacle and a group of obstacles (unlighted)
Lentoeste ja ryhmä esteitä (valaistu)	 	Obstacle and a group of obstacles (lighted)
Este vilkkuvalla lentoestevalolla		Obstacle with flashing light
Ryhmä esteitä vilkkuvalla lentoestevalolla		A group of obstacles with flashing light
Este. 300 M AGL tai korkeampi		Obstacle. 300 M AGL or higher
Valaistus	 	Lighting
Vilkuva lentoestevalo		Flashing light
Tunniste / Lentoeste mikäli varustettu korkeudella / Pictorial symbol / Obstacle when with elevation		
Tuulivoimala		Wind turbine
Tuulivoimapuisto		Wind turbine farm
Masto		Mast

Masto, 300 M AGL tai korkeampi		Mast, 300 M AGL or higher
Savupiippu ja savupiippuryhmä (valaisematon)		Chimney and group of chimneys (unlighted)
Savupiippu ja savupiippuryhmä (valaistu)		Chimney and group of chimneys (lighted)
Vesitorni		Water tower
Torni		Tower
Kirkko		Church
Rakennus		Building
Pylväs		Pole
Hyppymäki		Jumping hill
Nosturi		Crane
Puita		Trees
Tehdas		Factory
Viljasiilo		Silo
Sekalaista / Miscellaneous		
Valtakunnanraja		International boundary
Aluemerén ulkoraja		The outer limit of territorial sea
Yksiraiteinen rautatie		Railway (single-track)
Kaksi- tai useampiraiteinen rautatie		Railway (double- or multi-track)
Voimansiirtolinja		Transmission line
Aita		Fence
Deklinaatiokäyrä		Isogonic line
Avolouhos Alueella tapahtuu ajoittain ilma-aluksille vaarallista räjäytystoimintaa. Lentämistä alueen läheisyydessä tulee välttää.		Quarry Blasting works in the mine area may be dangerous to aircraft in flight. Pilots are advised to avoid flying in the vicinity of the area.
Kirkko		Church
Laskuvarjohyppytoimintaa		Parachute jumping activity

Tulomenetelmät - STAR / INA	AD 2.12	Arrival procedures - STAR / INA
Vakiotuloreittikartta (STAR) - ICAO Kartan tarkoitus on antaa käyttäjälle tiedot, jotka mahdollistavat määritellyn mittarivakiotuloreitin (STAR) noudattamisen reittivaiheesta lähestymisvaiheeseen saakka. Mittakaavat ovat 1:500 000 ja 1:750 000. Alkulähestymiskartta (INA) Kartan tarkoitus on antaa käyttäjälle tiedot, jotka mahdollistavat määritellyn mittarivakiotuloreitin (STAR) noudattamisen reittivaiheesta lähestymisvaiheeseen saakka. Mittakaavat ovat 1:500 000 ja 1:750 000.		Standard Arrival Chart - Instrument (STAR) - ICAO This chart provides the flight crew with information to enable them to comply with the designated standard instrument arrival route from en-route phase to the approach phase. The scales are at 1:500 000 and 1:750 000 Initial Approach Chart (INA) This chart is designed to provide the user with a graphic presentation of initial approach routes related to instrument approach procedures. The scales are 1:350 000, 1:500 000 and 1:750 000.
Mittarilähestymiskartta (IAC) - ICAO	AD 2.13	Instrument Approach Chart (IAC) - ICAO
Kartan tarkoitus on antaa käyttäjälle graafinen esitys mittarilähestymis-, odotus- ja keskeytetyn lähestymisen menetelmistä sekä helpottaa siirtymistä mittarilennosta näkölentoon loppulähestymisvaiheen aikana. Mittakaavat ovat 1:250 000, 1:350 000 ja 1:500 000.		This chart is designed to provide the pilot with a graphic presentation of instrument approach, missed approach and holding procedures and to facilitate the transition from non-visual flight to visual flight at any point in the final approach. The scales are at 1:250 000, 1:350 000 and 1:500 000.
Näkölähestymiskartta (VAC) - ICAO	AD 2.14	Visual Approach Chart (VAC) - ICAO
Kartan tarkoitus on antaa käyttäjälle graafinen esitys ao. lentoaseman näkölähestymismenetelmistä. Mittakaavat ovat 1:200 000, 1:250 000 ja 1:350 000.		The purpose of the Visual Approach Charts is to provide the pilot with a graphic presentation of the approach procedures to an aerodrome by visual reference. The scales are at 1:200 000, 1:250 000 and 1:350 000.
Laskeutumiskartta (LDG)	AD 2.14	Landing Chart (LDG)
Kartta on suunniteltu antamaan lentopaikasta ja sen ympäristöstä kuvan, joka helpottaa lähestymistä kiitotielle, siirtymistä mittarilennosta näkölentoon näkölähestymislaitteiden ja lentoasemalla sekä sen välittömässä läheisyydessä ilmasta havaittavien tunnisteen avulla, antaa laskeutumisessa tarvittavia tietoja ja helpottaa nopeata poistumista kiitotieltä laskeutumisen jälkeen. Mittakaavat ovat 1:30 000 ja 1:40 000.		This chart is designed to provide an illustration of the aerodrome and its environs to facilitate the approach to the runway of intended landing and the transition from non-visual to visual flight by reference to visual aids and by recognition from the air of significant features on and within the immediate vicinity of the aerodrome, to provide information necessary for landing and to facilitate rapid clearance of the runway after landing. The scales are at 1:30 000 and 1:40 000.
Aeronautical data	AD 2.15	Aeronautical data
Lentoasemakohtaiset AERONAUTICAL DATA sivut sisältävät julkaistuihin karttoihin liittyvää numeerista tietoa. Jokaiselle lentoasemalle on julkaistu oma AERONAUTICAL DATA sivusto sivunumeroilla AD 2.15		Aeronautical data for each aerodrome is a collection of numerical data related to charts published for the aerodrome. Own AERONAUTICAL DATA pages are published for each aerodrome on page number AD 2.15.
WAYPOINTS AND FIXES		WAYPOINTS AND FIXES
Julkaisu sisältää RNAV menetelmissä käytettyjen reittipisteiden koordinaatit sekä käyttötarkoituksen RNAV menetelmissä. Lisäksi julkaisussa esitetään ainoastaan konventionaalisin menetelmiin liittyvien reittipisteiden koordinaatit sekä VFR ilmoittautumispaikat. VFR ilmoittautumispaikat ovat uniikkeja ainoastaan Finland FIR alueella.		This publication contains coordinates and usage for waypoints used in RNAV procedures. It contains also fixes used only in conventional procedures and VFR reporting points. VFR reporting points are unique only in Finland FIR.
FAS DATA BLOCK		FAS DATA BLOCK
APV SBAS menetelmän loppulähestymissegmentin tiedot RNAV lähestymismenetelmässä. Näillä tiedoilla määritetään APV menetelmä ilma-aluksen tietokantaan. FAS Data Block julkaistaan ainoastaan silloin, kun RNAV menetelmässä on julkaistu LPV minimi.		Final approach segment data for APV SBAS procedures on RNAV approach charts. This data is used to define the procedure in databases used by avionics. FAS Data Block is published only when LPV minima is published on RNAV procedure.
PRD INDEX		PRD INDEX
Sisältää listauksen kartoilla julkaistujen pysyvien kielto-, rajoitus- ja vaara-alueista ja niiden korkeusrajoista. Jotta kartat saataisiin pidettyä selkeinä, ei korkeusrajoja ole esitetty jokaisella lentoaseman kartalla erikseen.		List of permanent prohibited, restricted and danger areas and their vertical limits. In order to avoid clutter on charts, vertical limits are not published on each chart for the aerodrome.

AIP:ssa on lisäksi erikoistarkoituksia varten laadittuja karttoja.

Incorporated in AIP there are, in addition, miscellaneous charts designated for special purposes.

2.5 Luettelo AIP:hen sisältyvistä ilmailukartoista

2.5 List of aeronautical charts contained in the AIP

Karttasarja / Title of series	AD Kartan nimi / Chart name	ID	Päiväys / Date
ENRC	ENROUTE CHART - FINLAND	ENR 6.1 - 1	10 NOV 2016
ADC	ENONTEKIÖ	EFET AD 2.4 - 1	13 NOV 2014
	HALLI	EFHA AD 2.4 - 1	23 JUL 2015
	HELSINKI-MALMI	EFHF AD 2.4 - 1	13 NOV 2014
	HELSINKI-VANTAA	EFHK AD 2.4 - 1 EFHK AD 2.4 - 3	15 SEP 2016 15 SEP 2016
	IVALO	EFIV AD 2.4 - 1	13 NOV 2014
	JOENSUU	EFJO AD 2.4 - 1	13 NOV 2014
	JYVÄSKYLÄ	EFJY AD 2.4 - 1	12 NOV 2015
	KAJAANI	EFKI AD 2.4 - 1	13 NOV 2014
	KEMI-TORNIO	EFKE AD 2.4 - 1	13 NOV 2014
	KITTILÄ	EFKT AD 2.4 - 1	20 AUG 2015
	KOKKOLA-PIETARSAARI	EFKK AD 2.4 - 1	13 NOV 2014
	KUOPIO	EFKU AD 2.4 - 1	12 NOV 2015
	KUUSAMO	EFKS AD 2.4 - 1	13 NOV 2014
	LAPPEENRANTA	EFLP AD 2.4 - 1	13 NOV 2014
	MARIEHAMN	EFMA AD 2.4 - 1	13 NOV 2014
	MIKKELI	EFMI AD 2.4 - 1	31 MAR 2016
	OULU	EFOU AD 2.4 - 1 EFOU AD 2.4 - 3	13 NOV 2014 23 JUL 2015
	PORI	EFPO AD 2.4 - 1	10 DEC 2015
	ROVANIEMI	EFRO AD 2.4 - 1 EFRO AD 2.4 - 3	15 SEP 2016 13 NOV 2014
	SAVONLINNA	EFSA AD 2.4 - 1	04 FEB 2016
	SEINÄJOKI	EFSE AD 2.4 - 1	13 NOV 2014
	TAMPERE-PIRKKALA	EFTP AD 2.4 - 1	10 NOV 2016
	TURKU	EFTU AD 2.4 - 1	05 FEB 2015
	UTTI	EFUT AD 2.4 - 1	26 MAY 2016
	VAASA	EFVA AD 2.4 - 1	12 NOV 2015
APDC	HELSINKI-VANTAA	EFHK AD 2.5 - 1	15 SEP 2016
	ROVANIEMI	EFRO AD 2.5 - 1	15 SEP 2016
AGMC	HELSINKI-VANTAA (AGMC A388)	EFHK AD 2.6 - 1	10 DEC 2015

Karttasarja / Title of series	AD Kartan nimi / Chart name	ID	Päiväys / Date
AOC	ENONTEKIÖ (AOC 03/21)	EFET AD 2.7 - 1	13 NOV 2014
	HALLI (AOC 08/26)	EFHA AD 2.7 - 1	13 NOV 2014
	HELSINKI-MALMI (AOC 18/36)	EFHF AD 2.7 - 1	13 NOV 2014
	HELSINKI-VANTAA (AOC 04R/22L) (AOC 04L/22R) (AOC 15/33)	EFHK AD 2.7 - 1 EFHK AD 2.7 - 3 EFHK AD 2.7 - 5	15 SEP 2016 13 NOV 2014 13 NOV 2014
	IVALO (AOC 04/22)	EFIV AD 2.7 - 1	13 NOV 2014
	JOENSUU (AOC 10/28)	EFJO AD 2.7 - 1	13 NOV 2014
	JYVÄSKYLÄ (AOC 12/30)	EFJY AD 2.7 - 1	10 DEC 2015
	KAJAANI (AOC 07/25)	EFKI AD 2.7 - 1	13 NOV 2014
	KEMI-TORNIO (AOC 18/36)	EFKE AD 2.7 - 1	13 NOV 2014
	KITTILÄ (AOC 16/34)	EFKT AD 2.7 - 1	13 NOV 2014
	KOKKOLA-PIETARSAARI (AOC 01/19)	EFKK AD 2.7 - 1	04 FEB 2016
	KUOPIO (AOC 15/33)	EFKU AD 2.7 - 1	31 MAR 2016
	KUUSAMO (AOC 12/30)	EFKS AD 2.7 - 1	13 NOV 2014
	LAPPEENRANTA (AOC 06/24)	EFLP AD 2.7 - 1	10 DEC 2015
	MARIEHAMN (AOC 03/21)	EFMA AD 2.7 - 1	13 NOV 2014
	MIKKELI (AOC 11/29)	EFMI AD 2.7 - 1	13 NOV 2014
	OULU (AOC 12/30)	EFOU AD 2.7 - 1	26 MAY 2016
	PORI (AOC 12/30)	EFPO AD 2.7 - 1	04 FEB 2016
	ROVANIEMI (AOC 03/21)	EFRO AD 2.7 - 1	13 NOV 2014
	SAVONLINNA (AOC 12/30)	EFSA AD 2.7 - 1	10 DEC 2015
	SEINÄJOKI (AOC 14/32)	EFSI AD 2.7 - 1	23 JUN 2016
	TAMPERE-PIRKKALA (AOC 06/24)	EFTP AD 2.7 - 1	10 NOV 2016
	TURKU (AOC 08/26)	EFTU AD 2.7 - 1	10 DEC 2015
	UTTI (AOC 07/25)	EFUT AD 2.7 - 1	13 NOV 2014
	VAASA (AOC 16/34)	EFVA AD 2.7 - 1	23 JUL 2015
PATC	HELSINKI-VANTAA (PATC 04L) (PATC 22L) (PATC 22R)	EFHK AD 2.8 - 1 EFHK AD 2.8 - 3 EFHK AD 2.8 - 5	13 NOV 2014 13 NOV 2014 13 NOV 2014
	OULU (PATC 12)	EFOU AD 2.8 - 1	13 NOV 2014
	ROVANIEMI (PATC 21)	EFRO AD 2.8 - 1	13 NOV 2014
ATC SMAC	HALLI	EFHA AD 2.9 - 1 / 2	12 NOV 2015
	HELSINKI-VANTAA	EFHK AD 2.9 - 1 / 2	10 NOV 2016
	JYVÄSKYLÄ	EFJY AD 2.9 - 1 / 2	15 SEP 2016
	KUOPIO	EFKU AD 2.9 - 1 / 2	12 NOV 2015
	MARIEHAMN	EFMA AD 2.9 - 1 / 2	10 NOV 2016
	OULU	EFOU AD 2.9 - 1 / 2	10 NOV 2016
	PORI	EFPO AD 2.9 - 1 / 2	10 NOV 2016
	ROVANIEMI	EFRO AD 2.9 - 1 / 2	13 NOV 2014
	TAMPERE-PIRKKALA	EFTP AD 2.9 - 1 / 2	10 NOV 2016
	TURKU	EFTU AD 2.9 - 1 / 2	12 NOV 2015
	VAASA	EFVA AD 2.9 - 1 / 2	12 NOV 2015
SID / DEP PROC	ENONTEKIÖ OMNIDIRECTIONAL DEPARTURES	EFET AD 2.10 - 1	13 NOV 2014
	HELSINKI-VANTAA RNAV SID RWY 04L RNAV SID RWY 04R RNAV SID PROP RWY 04R RNAV SID RWY 15 RNAV SID PROP RWY 15 RNAV SID RWY 22L RNAV SID RWY 22R RNAV SID RWY 33 OMNIDIRECTIONAL DEPARTURES	EFHK AD 2.10 - 1 / 2 EFHK AD 2.10 - 3 / 4 EFHK AD 2.10 - 5 / 6 EFHK AD 2.10 - 7 / 8 EFHK AD 2.10 - 9 / 10 EFHK AD 2.10 - 11 / 12 EFHK AD 2.10 - 13 / 14 EFHK AD 2.10 - 15 / 16 EFHK AD 2.10 - 17 / 18	12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 23 JUN 2016 12 NOV 2015 12 NOV 2015 12 NOV 2015

Karttasarja / Title of series	AD Kartan nimi / Chart name	ID	Päiväys / Date
SID / DEP PROC	IVALO OMNIDIRECTIONAL DEPARTURES	EFIV AD 2.10 - 1	13 NOV 2014
	JOENSUU OMNIDIRECTIONAL DEPARTURES	EFJO AD 2.10 - 1	13 NOV 2014
	JYVÄSKYLÄ OMNIDIRECTIONAL DEPARTURES	EFJY AD 2.10 - 1	10 DEC 2015
	KAJAANI OMNIDIRECTIONAL DEPARTURES	EFKI AD 2.10 - 1	13 NOV 2014
	KEMI-TORNIO OMNIDIRECTIONAL DEPARTURES	EFKE AD 2.10 - 1	13 NOV 2014
	KITTILÄ OMNIDIRECTIONAL DEPARTURES	EFKT AD 2.10 - 1	13 NOV 2014
	KOKKOLA-PIETARSAARI OMNIDIRECTIONAL DEPARTURES	EFKK AD 2.10 - 1	04 FEB 2016
	KUOPIO RNAV SID RWY 15 RNAV SID RWY 33 OMNIDIRECTIONAL DEPARTURES	EFKU AD 2.10 - 1 / 2 EFKU AD 2.10 - 3 / 4 EFKU AD 2.10 - 5	31 MAR 2016 31 MAR 2016 31 MAR 2016
	KUUSAMO OMNIDIRECTIONAL DEPARTURES	EFKS AD 2.10 - 1	13 NOV 2014
	LAPPEENRANTA OMNIDIRECTIONAL DEPARTURES	EFLP AD 2.10 - 1	15 SEP 2016
	MARIEHAMN OMNIDIRECTIONAL DEPARTURES	EFMA AD 2.10 - 1	13 NOV 2014
	OULU RNAV SID RWY 12 RNAV SID RWY 30 OMNIDIRECTIONAL DEPARTURES	EFOU AD 2.10 - 1 / 2 EFOU AD 2.10 - 3 / 4 EFOU AD 2.10 - 5	10 NOV 2016 10 NOV 2016 26 MAY 2016
	PORI OMNIDIRECTIONAL DEPARTURES	EFPO AD 2.10 - 1	04 FEB 2016
	ROVANIEMI RNAV SID RWY 03 RNAV SID RWY 21 OMNIDIRECTIONAL DEPARTURES	EFRO AD 2.10 - 1 / 2 EFRO AD 2.10 - 3 / 4 EFRO AD 2.10 - 5	13 NOV 2014 13 NOV 2014 13 NOV 2014
	SAVONLINNA OMNIDIRECTIONAL DEPARTURES	EFSA AD 2.10 - 1	10 DEC 2015
	SEINÄJOKI OMNIDIRECTIONAL DEPARTURES	EFSE AD 2.10 - 1	23 JUN 2016
	TAMPERE-PIRKKALA RNAV SID RWY 06 RNAV SID RWY 24 OMNIDIRECTIONAL DEPARTURES	EFTP AD 2.10 - 1 / 2 EFTP AD 2.10 - 3 / 4 EFTP AD 2.10 - 5	10 NOV 2016 10 NOV 2016 10 NOV 2016
	TURKU RNAV SID RWY 08 RNAV SID RWY 26 OMNIDIRECTIONAL DEPARTURES	EFTU AD 2.10 - 1 / 2 EFTU AD 2.10 - 3 / 4 EFTU AD 2.10 - 5	12 NOV 2015 12 NOV 2015 12 NOV 2015
	UTTI OMNIDIRECTIONAL DEPARTURES	EFUT AD 2.10 - 1	13 NOV 2014
	VAASA OMNIDIRECTIONAL DEPARTURES	EFVA AD 2.10 - 1	23 JUL 2015
ARC	HELSINKI-VANTAA EFHK TMA	EFHK AD 2.11 - 1	10 NOV 2016
STAR / INA	HELSINKI-VANTAA RNAV STAR RWY 04L 1/2 RNAV STAR RWY 04L 2/2 RNAV STAR RWY 04R RNAV STAR RWY 15 RNAV STAR RWY 22L RNAV STAR RWY 22R RNAV STAR RWY 33	EFHK AD 2.12 - 1 / 2 EFHK AD 2.12 - 3 / 4 EFHK AD 2.12 - 5 / 6 EFHK AD 2.12 - 7 / 8 EFHK AD 2.12 - 9 / 10 EFHK AD 2.12 - 11 / 12 EFHK AD 2.12 - 13 / 14	10 NOV 2016 10 NOV 2016 10 NOV 2016 10 NOV 2016 10 NOV 2016 10 NOV 2016 10 NOV 2016
	IVALO RNAV STAR RWY 04 RNAV STAR RWY 22	EFIV AD 2.12 - 1 / 2 EFIV AD 2.12 - 3 / 4	12 NOV 2015 12 NOV 2015

Karttasarja / Title of series	AD Kartan nimi / Chart name	ID	Päiväys / Date
STAR / INA	JOENSUU RNAV STAR RWY 10 RNAV STAR RWY 28	EFJO AD 2.12 - 1 / 2 EFJO AD 2.12 - 3 / 4	12 NOV 2015 12 NOV 2015
	JYVÄSKYLÄ RNAV STAR RWY 12 RNAV STAR RWY 30 NON-RNAV INA RWY 12 NON-RNAV INA RWY 30	EFJY AD 2.12 - 1 / 2 EFJY AD 2.12 - 3 / 4 EFJY AD 2.12 - 5 EFJY AD 2.12 - 7	12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015
	KAJAANI RNAV STAR RWY 07 RNAV STAR RWY 25	EFKI AD 2.12 - 1 / 2 EFKI AD 2.12 - 3 / 4	12 NOV 2015 12 NOV 2015
	KEMI-TORNIO RNAV STAR RWY 18 RNAV STAR RWY 36	EFKE AD 2.12 - 1 / 2 EFKE AD 2.12 - 3 / 4	13 NOV 2014 13 NOV 2014
	KITILÄ RNAV STAR RWY 16 RNAV STAR RWY 34	EFKT AD 2.12 - 1 / 2 EFKT AD 2.12 - 3 / 4	13 NOV 2014 13 NOV 2014
	KOKKOLA-PIETARSAARI RNAV STAR RWY 01 RNAV STAR RWY 19	EFKK AD 2.12 - 1 / 2 EFKK AD 2.12 - 3 / 4	13 NOV 2014 13 NOV 2014
	KUOPIO RNAV STAR RWY 15 RNAV STAR RWY 33 NON-RNAV INA RWY 15 NON-RNAV INA RWY 33	EFKU AD 2.12 - 1 / 2 EFKU AD 2.12 - 3 / 4 EFKU AD 2.12 - 5 EFKU AD 2.12 - 7	31 MAR 2016 12 NOV 2015 12 NOV 2015 12 NOV 2015
	KUUSAMO RNAV STAR RWY 12 RNAV STAR RWY 30	EFKS AD 2.12 - 1 / 2 EFKS AD 2.12 - 3 / 4	12 NOV 2015 12 NOV 2015
	LAPPEENRANTA RNAV STAR RWY 06 RNAV STAR RWY 24	EFLP AD 2.12 - 1 / 2 EFLP AD 2.12 - 3 / 4	12 NOV 2015 12 NOV 2015
	MARIEHAMN RNAV STAR RWY 03 RNAV STAR RWY 21	EFMA AD 2.12 - 1 / 2 EFMA AD 2.12 - 3 / 4	10 NOV 2016 10 NOV 2016
	OULU RNAV STAR RWY 12 RNAV STAR RWY 30 NON-RNAV INA RWY 12 NON-RNAV INA RWY 30	EFOU AD 2.12 - 1 / 2 EFOU AD 2.12 - 3 / 4 EFOU AD 2.12 - 5 EFOU AD 2.12 - 7	10 NOV 2016 10 NOV 2016 10 NOV 2016 10 NOV 2016
	PORI RNAV STAR RWY 12 RNAV STAR RWY 30 NON-RNAV INA RWY 12 NON-RNAV INA RWY 30	EFPO AD 2.12 - 1 / 2 EFPO AD 2.12 - 3 / 4 EFPO AD 2.12 - 5 EFPO AD 2.12 - 7	10 NOV 2016 10 NOV 2016 10 NOV 2016 10 NOV 2016
	ROVANIEMI RNAV STAR RWY 03 RNAV STAR RWY 21 NON-RNAV INA RWY 03 NON-RNAV INA RWY 21	EFRO AD 2.12 - 1 / 2 EFRO AD 2.12 - 3 / 4 EFRO AD 2.12 - 5 EFRO AD 2.12 - 7	13 NOV 2014 13 NOV 2014 13 NOV 2014 13 NOV 2014
	SAVONLINNA RNAV STAR RWY 12 RNAV STAR RWY 30	EFSA AD 2.12 - 1 / 2 EFSA AD 2.12 - 3 / 4	12 NOV 2015 12 NOV 2015
	TAMPERE-PIRKKALA RNAV STAR RWY 06 RNAV STAR RWY 24 NON-RNAV INA RWY 06 NON-RNAV INA RWY 24	EFTP AD 2.12 - 1 / 2 EFTP AD 2.12 - 3 / 4 EFTP AD 2.12 - 5 EFTP AD 2.12 - 7	10 NOV 2016 10 NOV 2016 10 NOV 2016 10 NOV 2016
	TURKU RNAV STAR RWY 08 RNAV STAR RWY 26 NON-RNAV INA RWY 08 NON-RNAV INA RWY 26	EFTU AD 2.12 - 1 / 2 EFTU AD 2.12 - 3 / 4 EFTU AD 2.12 - 5 EFTU AD 2.12 - 7	12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015

Karttasarja / Title of series	AD Kartan nimi / Chart name	ID	Päiväys / Date
STAR / INA	VAASA RNAV STAR RWY 16 RNAV STAR RWY 34 NON-RNAV INA RWY 16 NON-RNAV INA RWY 34	EFVA AD 2.12 - 1 / 2 EFVA AD 2.12 - 3 / 4 EFVA AD 2.12 - 5 EFVA AD 2.12 - 7	12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015
IAC	ENONTEKIÖ RNAV (GNSS) RWY 03 ILS or LOC RWY 21 RNAV (GNSS) RWY 21	EFET AD 2.13 - 1 / 2 EFET AD 2.13 - 3 / 4 EFET AD 2.13 - 5 / 6	13 NOV 2014 13 NOV 2014 13 NOV 2014
	HALLI ILS Z or LOC Z RWY 26 ILS Y or LOC Y RWY 26 RNAV (GNSS) RWY 26 VOR RWY 26	EFHA AD 2.13 - 1 / 2 EFHA AD 2.13 - 3 EFHA AD 2.13 - 5 / 6 EFHA AD 2.13 - 7	30 APR 2015 30 APR 2015 13 NOV 2014 13 NOV 2014
	HELSINKI-MALMI RNAV (GNSS) A	EFHF AD 2.13 - 1 / 2	12 NOV 2015
	HELSINKI-VANTAA ILS or LOC RWY 04L ILS RWY 04L CAT II & III RNAV (GNSS) RWY 04L ILS or LOC RWY 04R RNAV (GNSS) RWY 04R ILS or LOC RWY 15 RNAV (GNSS) RWY 15 ILS or LOC RWY 22L ILS RWY 22L CAT II RNAV (GNSS) RWY 22L ILS or LOC RWY 22R ILS RWY 22R CAT II RNAV (GNSS) RWY 22R RNAV (GNSS) RWY 33 VOR RWY 33	EFHK AD 2.13 - 1 EFHK AD 2.13 - 3 EFHK AD 2.13 - 5 / 6 EFHK AD 2.13 - 7 EFHK AD 2.13 - 9 / 10 EFHK AD 2.13 - 11 EFHK AD 2.13 - 13 / 14 EFHK AD 2.13 - 15 EFHK AD 2.13 - 17 EFHK AD 2.13 - 19 / 20 EFHK AD 2.13 - 21 EFHK AD 2.13 - 23 EFHK AD 2.13 - 25 / 26 EFHK AD 2.13 - 27 / 28 EFHK AD 2.13 - 29	12 NOV 2015 12 NOV 2015 12 NOV 2015 15 SEP 2016 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015
	IVALO RNAV (GNSS) RWY 04 NDB RWY 04 ILS Z or LOC Z RWY 22 ILS Y or LOC Y RWY 22 NDB RWY 22 RNAV (GNSS) RWY 22	EFIV AD 2.13 - 1 / 2 EFIV AD 2.13 - 3 EFIV AD 2.13 - 5 / 6 EFIV AD 2.13 - 7 EFIV AD 2.13 - 9 EFIV AD 2.13 - 11 / 12	12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015
	JOENSUU RNAV (GNSS) RWY 10 ILS or LOC RWY 28 RNAV (GNSS) RWY 28	EFJO AD 2.13 - 1 / 2 EFJO AD 2.13 - 3 / 4 EFJO AD 2.13 - 5 / 6	13 NOV 2014 23 JUL 2015 23 JUL 2015
	JYVÄSKYLÄ RNAV (GNSS) RWY 12 VOR RWY 12 ILS Z or LOC Z RWY 30 ILS Y or LOC Y RWY 30 RNAV (GNSS) RWY 30 VOR RWY 30	EFJY AD 2.13 - 1 / 2 EFJY AD 2.13 - 3 EFJY AD 2.13 - 5 / 6 EFJY AD 2.13 - 7 EFJY AD 2.13 - 9 / 10 EFJY AD 2.13 - 11	12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015
	KAJAANI ILS or LOC RWY 07 RNAV (GNSS) RWY 07 RNAV (GNSS) RWY 25	EFKI AD 2.13 - 1 / 2 EFKI AD 2.13 - 3 / 4 EFKI AD 2.13 - 5 / 6	13 NOV 2014 13 NOV 2014 13 NOV 2014
	KEMI-TORNIO ILS Z or LOC Z RWY 18 ILS Y or LOC Y RWY 18 RNAV (GNSS) RWY 18 NDB RWY 18 RNAV (GNSS) RWY 36 NDB RWY 36	EFKE AD 2.13 - 1 / 2 EFKE AD 2.13 - 3 EFKE AD 2.13 - 5 / 6 EFKE AD 2.13 - 7 EFKE AD 2.13 - 9 / 10 EFKE AD 2.13 - 11	13 NOV 2014 13 NOV 2014 13 NOV 2014 13 NOV 2014 13 NOV 2014 13 NOV 2014

Karttasarja / Title of series	AD Kartan nimi / Chart name	ID	Päiväys / Date
IAC	KITTILÄ LOC Z RWY 16 LOC Y RWY 16 RNAV (GNSS) RWY 16 ILS Z or LOC Z RWY 34 ILS Y or LOC Y RWY 34 RNAV (GNSS) RWY 34 NDB RWY 34	EFKT AD 2.13 - 1 / 2 EFKT AD 2.13 - 3 EFKT AD 2.13 - 5 / 6 EFKT AD 2.13 - 7 / 8 EFKT AD 2.13 - 9 EFKT AD 2.13 - 11 / 12 EFKT AD 2.13 - 13	13 NOV 2014 13 NOV 2014 13 NOV 2014 13 NOV 2014 13 NOV 2014 13 NOV 2014 13 NOV 2014
	KOKKOLA-PIETARSAARI RNAV (GNSS) RWY 01 NDB RWY 01 ILS Z or LOC Z RWY 19 ILS Y or LOC Y RWY 19 ILS X or LOC X RWY 19 RNAV (GNSS) RWY 19 NDB RWY 19	EFKK AD 2.13 - 1 / 2 EFKK AD 2.13 - 3 EFKK AD 2.13 - 5 / 6 EFKK AD 2.13 - 7 EFKK AD 2.13 - 9 EFKK AD 2.13 - 11 / 12 EFKK AD 2.13 - 13	13 NOV 2014 13 NOV 2014 04 FEB 2016 04 FEB 2016 04 FEB 2016 13 NOV 2014 13 NOV 2014
	KUOPIO RNAV (GNSS) RWY 15 VOR RWY 15 ILS Z or LOC Z RWY 33 ILS Y or LOC Y RWY 33 RNAV (GNSS) RWY 33	EFKU AD 2.13 - 1 / 2 EFKU AD 2.13 - 3 EFKU AD 2.13 - 5 / 6 EFKU AD 2.13 - 7 EFKU AD 2.13 - 9 / 10	12 NOV 2015 12 NOV 2015 31 MAR 2016 31 MAR 2016 12 NOV 2015
	KUUSAMO ILS or LOC RWY 12 RNAV (GNSS) RWY 12 RNAV (GNSS) RWY 30	EFKS AD 2.13 - 1 / 2 EFKS AD 2.13 - 3 / 4 EFKS AD 2.13 - 5 / 6	12 NOV 2015 12 NOV 2015 12 NOV 2015
	LAPPEENRANTA ILS or LOC RWY 06 RNAV (GNSS) RWY 06 RNAV (GNSS) RWY 24	EFLP AD 2.13 - 1 / 2 EFLP AD 2.13 - 3 / 4 EFLP AD 2.13 - 5 / 6	12 NOV 2015 12 NOV 2015 12 NOV 2015
	MARIEHAMN RNAV (GNSS) RWY 03 VOR RWY 03 ILS Z or LOC Z RWY 21 ILS Y or LOC Y RWY 21 RNAV (GNSS) RWY 21	EFMA AD 2.13 - 1 / 2 EFMA AD 2.13 - 3 EFMA AD 2.13 - 5 / 6 EFMA AD 2.13 - 7 EFMA AD 2.13 - 9 / 10	10 NOV 2016 10 NOV 2016 10 NOV 2016 10 NOV 2016 10 NOV 2016
	MIKKELI ILS Z or LOC Z RWY 11 ILS Y or LOC Y RWY 11 RNAV (GNSS) RWY 11 NDB RWY 11 RNAV (GNSS) RWY 29 NDB RWY 29	EFMI AD 2.13 - 1 / 2 EFMI AD 2.13 - 3 EFMI AD 2.13 - 5 / 6 EFMI AD 2.13 - 7 EFMI AD 2.13 - 9 / 10 EFMI AD 2.13 - 11	13 NOV 2014 13 NOV 2014 13 NOV 2014 13 NOV 2014 13 NOV 2014 13 NOV 2014
	OULU ILS Z or LOC Z RWY 12 ILS Z RWY 12 CAT II ILS Y or LOC Y RWY 12 ILS Y RWY 12 CAT II RNAV (GNSS) RWY 12 VOR RWY 12 RNAV (GNSS) RWY 30 VOR RWY 30	EFOU AD 2.13 - 1 / 2 EFOU AD 2.13 - 3 / 4 EFOU AD 2.13 - 5 EFOU AD 2.13 - 7 EFOU AD 2.13 - 9 / 10 EFOU AD 2.13 - 11 EFOU AD 2.13 - 13 / 14 EFOU AD 2.13 - 15	15 SEP 2016 15 SEP 2016 15 SEP 2016 15 SEP 2016 15 SEP 2016 15 SEP 2016 15 SEP 2016 15 SEP 2016
	PORI RNAV (GNSS) RWY VOR RWY 12 ILS Z or LOC Z RWY 30 ILS Y or LOC Y RWY 30 RNAV (GNSS) RWY 30 VOR RWY 30	EFPO AD 2.13 - 1 / 2 EFPO AD 2.13 - 3 EFPO AD 2.13 - 5 / 6 EFPO AD 2.13 - 7 EFPO AD 2.13 - 9 / 10 EFPO AD 2.13 - 11	13 NOV 2014 12 NOV 2015 04 FEB 2016 04 FEB 2016 13 NOV 2014 12 NOV 2015

Karttasarja / Title of series	AD Kartan nimi / Chart name	ID	Päiväys / Date
IAC	ROVANIEMI RNAV (GNSS) RWY 03 VOR RWY 03 ILS Z or LOC Z RWY 21 ILS Z RWY 21 CAT II ILS Y or LOC Y RWY 21 ILS Y RWY 21 CAT II RNAV (GNSS) RWY 21 VOR RWY 21	EFRO AD 2.13 - 1 / 2 EFRO AD 2.13 - 3 EFRO AD 2.13 - 5 / 6 EFRO AD 2.13 - 7 / 8 EFRO AD 2.13 - 9 EFRO AD 2.13 - 11 EFRO AD 2.13 - 13 / 14 EFRO AD 2.13 - 15	12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015
	SAVONLINNA ILS or LOC RWY 12 RNAV (GNSS) RWY 12 RNAV (GNSS) RWY 30	EFSA AD 2.13 - 1 / 2 EFSA AD 2.13 - 3 / 4 EFSA AD 2.13 - 5 / 6	10 DEC 2015 12 NOV 2015 12 NOV 2015
	SEINÄJOKI RNAV (GNSS) RWY 14 NDB RWY 14 ILS Z or LOC Z RWY 32 ILS Y or LOC Y RWY 32 RNAV (GNSS) RWY 32 NDB RWY 32	EFSI AD 2.13 - 1 / 2 EFSI AD 2.13 - 3 EFSI AD 2.13 - 5 / 6 EFSI AD 2.13 - 7 EFSI AD 2.13 - 9 / 10 EFSI AD 2.13 - 11	12 NOV 2015 13 NOV 2014 23 JUN 2016 23 JUN 2016 12 NOV 2015 13 NOV 2014
	TAMPERE-PIRKKALA RNAV (GNSS) RWY 06 VOR RWY 06 ILS Z or LOC Z RWY 24 ILS Y or LOC Y RWY 24 RNAV (GNSS) RWY 24 VOR RWY 24	EFTP AD 2.13 - 1 / 2 EFTP AD 2.13 - 3 EFTP AD 2.13 - 5 / 6 EFTP AD 2.13 - 7 EFTP AD 2.13 - 9 / 10 EFTP AD 2.13 - 11	10 NOV 2016 10 NOV 2016 10 NOV 2016 10 NOV 2016 10 NOV 2016 10 NOV 2016
	TURKU RNAV (GNSS) RWY 08 VOR RWY 08 ILS Z or LOC Z RWY 26 ILS Y or LOC Y RWY 26 RNAV (GNSS) RWY 26 VOR RWY 26	EFTU AD 2.13 - 1 / 2 EFTU AD 2.13 - 3 EFTU AD 2.13 - 5 / 6 EFTU AD 2.13 - 7 EFTU AD 2.13 - 9 / 10 EFTU AD 2.13 - 11	12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015 12 NOV 2015
	UTTI RNAV (GNSS) RWY 07 VOR RWY 07 ILS Z or LOC Z RWY 25 ILS Y or LOC Y RWY 25 RNAV (GNSS) RWY 25 VOR RWY 25	EFUT AD 2.13 - 1 / 2 EFUT AD 2.13 - 3 EFUT AD 2.13 - 5 / 6 EFUT AD 2.13 - 7 EFUT AD 2.13 - 9 / 10 EFUT AD 2.13 - 11	13 NOV 2014 10 DEC 2015 10 DEC 2015 10 DEC 2015 13 NOV 2014 13 NOV 2014
	VAASA ILS Z or LOC Z RWY 16 ILS Y or LOC Y RWY 16 RNAV (GNSS) RWY 16 RNAV (GNSS) RWY 34 VOR RWY 34	EFVA AD 2.13 - 1 / 2 EFVA AD 2.13 - 3 EFVA AD 2.13 - 5 / 6 EFVA AD 2.13 - 7 / 8 EFVA AD 2.13 - 9	05 FEB 2015 12 NOV 2015 05 FEB 2015 05 FEB 2015 12 NOV 2015

Karttasarja / Title of series	AD Kartan nimi / Chart name	ID	Päiväys / Date
VAC / LDG	ENONTEKIÖ VAC	EFET AD 2.14 - 1	13 NOV 2014
	ENONTEKIÖ LDG	EFET AD 2.14 - 3	13 NOV 2014
	HALLI VAC	EFHA AD 2.14 - 1	05 FEB 2015
	HALLI LDG	EFHA AD 2.14 - 3	30 APR 2015
	HELSINKI-MALMI VAC	EFHF AD 2.14 - 1	12 NOV 2015
	HELSINKI-MALMI LDG	EFHF AD 2.14 - 3	13 NOV 2014
	HELSINKI-VANTAA VAC	EFHK AD 2.14 - 1	10 DEC 2015
	HELSINKI-VANTAA LDG	EFHK AD 2.14 - 3	15 SEP 2016
	IVALO VAC	EFIV AD 2.14 - 1	12 NOV 2015
	IVALO LDG	EFIV AD 2.14 - 3	13 NOV 2014
	JOENSUU VAC	EFJO AD 2.14 - 1	13 NOV 2014
	JOENSUU LDG	EFJO AD 2.14 - 3	13 NOV 2014
	JYVÄSKYLÄ VAC	EFJY AD 2.14 - 1	12 NOV 2015
	JYVÄSKYLÄ LDG	EFJY AD 2.14 - 3	12 NOV 2015
	KAJAANI VAC	EFKI AD 2.14 - 1	13 NOV 2014
	KAJAANI LDG	EFKI AD 2.14 - 3	13 NOV 2014
	KEMI-TORNIO VAC	EFKE AD 2.14 - 1	13 NOV 2014
	KEMI-TORNIO LDG	EFKE AD 2.14 - 3	13 NOV 2014
	KITTILÄ VAC	EFKT AD 2.14 - 1	13 NOV 2014
	KITTILÄ LDG	EFKT AD 2.14 - 3	13 NOV 2014
	KOKKOLA-PIETARSAARI VAC	EFKK AD 2.14 - 1	13 NOV 2014
	KOKKOLA-PIETARSAARI LDG	EFKK AD 2.14 - 3	13 NOV 2014
	KUOPIO VAC	EFKU AD 2.14 - 1	12 NOV 2015
	KUOPIO LDG	EFKU AD 2.14 - 3	12 NOV 2015
	KUUSAMO VAC	EFKS AD 2.14 - 1	12 NOV 2015
	KUUSAMO LDG	EFKS AD 2.14 - 3	13 NOV 2014
	LAPPEENRANTA VAC	EFLP AD 2.14 - 1	12 NOV 2015
	LAPPEENRANTA LDG	EFLP AD 2.14 - 3	13 NOV 2014
	MARIEHAMN VAC	EFMA AD 2.14 - 1	10 NOV 2016
	MARIEHAMN LDG	EFMA AD 2.14 - 3	13 NOV 2014
	MIKKELI VAC	EFMI AD 2.14 - 1	13 NOV 2014
	MIKKELI LDG	EFMI AD 2.14 - 3	31 MAR 2016
	OULU VAC	EFOU AD 2.14 - 1	15 SEP 2016
	OULU LDG	EFOU AD 2.14 - 3	13 NOV 2014
	PORI VAC	EFPO AD 2.14 - 1	05 FEB 2015
	PORI LDG	EFPO AD 2.14 - 3	13 NOV 2014
	ROVANIEMI VAC	EFRO AD 2.14 - 1	04 FEB 2016
	ROVANIEMI LDG	EFRO AD 2.14 - 3	15 SEP 2016
	SAVONLINNA VAC	EFSA AD 2.14 - 1	12 NOV 2015
	SAVONLINNA LDG	EFSA AD 2.14 - 3	20 AUG 2015
	SEINÄJOKI VAC	EFSE AD 2.14 - 1	12 NOV 2015
	SEINÄJOKI LDG	EFSE AD 2.14 - 3	13 NOV 2014
	TAMPERE-PIRKKALA VAC	EFTP AD 2.14 - 1	10 NOV 2016
	TAMPERE-PIRKKALA LDG	EFTP AD 2.14 - 3	31 MAR 2016
	TURKU VAC	EFTU AD 2.14 - 1	12 NOV 2015
	TURKU LDG	EFTU AD 2.14 - 3	13 NOV 2014
	UTTI VAC	EFUT AD 2.14 - 1	13 NOV 2014
	UTTI LDG	EFUT AD 2.14 - 3	20 AUG 2015
	VAASA VAC	EFVA AD 2.14 - 1	23 JUL 2015
	VAASA LDG	EFVA AD 2.14 - 3	23 JUL 2015

Karttasarja / Title of series	AD Kartan nimi / Chart name	ID	Päiväys / Date
Aeronautical Data	ENONTEKIÖ WAYPOINTS AND FIXES PRD INDEX	EFET AD 2.15 - 1 EFET AD 2.15 - 3	13 NOV 2014 13 NOV 2014
	HALLI WAYPOINTS AND FIXES PRD INDEX	EFHA AD 2.15 - 1 EFHA AD 2.15 - 3	30 APR 2015 12 NOV 2015
	HELSINKI-MALMI WAYPOINTS AND FIXES PRD INDEX	EFHF AD 2.15 - 1 EFHF AD 2.15 - 3	13 NOV 2014 12 NOV 2015
	HELSINKI-VANTAA WAYPOINTS AND FIXES PRD INDEX	EFHK AD 2.15 - 1 / 2 / 3 EFHK AD 2.15 - 5	23 JUN 2016 10 NOV 2016
	IVALO WAYPOINTS AND FIXES PRD INDEX	EFIV AD 2.15 - 1 EFIV AD 2.15 - 3	13 NOV 2014 12 NOV 2015
	JOENSUU WAYPOINTS AND FIXES FAS DATA BLOCK PRD INDEX	EFJO AD 2.15 - 1 EFJO AD 2.15 - 3 EFJO AD 2.15 - 5	13 NOV 2014 13 NOV 2014 12 NOV 2015
	JYVÄSKYLÄ WAYPOINTS AND FIXES PRD INDEX	EFJY AD 2.15 - 1 EFJY AD 2.15 - 3	12 NOV 2015 12 NOV 2015
	KAJAANI WAYPOINTS AND FIXES PRD INDEX	EFKI AD 2.15 - 1 EFKI AD 2.15 - 3	13 NOV 2014 12 NOV 2015
	KEMI-TORNIO WAYPOINTS AND FIXES PRD INDEX	EFKE AD 2.15 - 1 EFKE AD 2.15 - 3	13 NOV 2014 13 NOV 2014
	KITILÄ WAYPOINTS AND FIXES PRD INDEX	EFKT AD 2.15 - 1 EFKT AD 2.15 - 3	13 NOV 2014 13 NOV 2014
	KOKKOLA-PIETARSAARI WAYPOINTS AND FIXES PRD INDEX	EFKK AD 2.15 - 1 EFKK AD 2.15 - 3	13 NOV 2014 13 NOV 2014
	KUOPIO WAYPOINTS AND FIXES PRD INDEX	EFKU AD 2.15 - 1 EFKU AD 2.15 - 3	31 MAR 2016 12 NOV 2015
	KUUSAMO WAYPOINTS AND FIXES PRD INDEX	EFKS AD 2.15 - 1 EFKS AD 2.15 - 3	12 NOV 2015 12 NOV 2015
	LAPPEENRANTA WAYPOINTS AND FIXES PRD INDEX	EFLP AD 2.15 - 1 EFLP AD 2.15 - 3	13 NOV 2014 12 NOV 2015
	MARIEHAMN WAYPOINTS AND FIXES PRD INDEX	EFMA AD 2.15 - 1 EFMA AD 2.15 - 3	13 NOV 2014 13 NOV 2014
	MIKKELI WAYPOINTS AND FIXES PRD INDEX	EFMI AD 2.15 - 1 EFMI AD 2.15 - 3	13 NOV 2014 13 NOV 2014
	OULU WAYPOINTS AND FIXES PRD INDEX	EFOU AD 2.15 - 1 EFOU AD 2.15 - 3	15 SEP 2016 10 NOV 2016
	PORI WAYPOINTS AND FIXES PRD INDEX	EFPO AD 2.15 - 1 EFPO AD 2.15 - 3	10 NOV 2016 12 NOV 2015
	ROVANIEMI WAYPOINTS AND FIXES PRD INDEX	EFRO AD 2.15 - 1 EFRO AD 2.15 - 3	13 NOV 2014 13 NOV 2014
	SAVONLINNA WAYPOINTS AND FIXES PRD INDEX	EFSA AD 2.15 - 1 EFSA AD 2.15 - 3	20 AUG 2015 12 NOV 2015
	SEINÄJOKI WAYPOINTS AND FIXES PRD INDEX	EFSE AD 2.15 - 1 EFSE AD 2.15 - 3	13 NOV 2014 12 NOV 2015
	TAMPERE-PIRKKALA WAYPOINTS AND FIXES PRD INDEX	EFTP AD 2.15 - 1 EFTP AD 2.15 - 3	10 NOV 2016 10 NOV 2016
	TURKU WAYPOINTS AND FIXES PRD INDEX	EFTU AD 2.15 - 1 EFTU AD 2.15 - 3	12 NOV 2015 12 NOV 2015
	UTTI WAYPOINTS AND FIXES PRD INDEX	EFUT AD 2.15 - 1 EFUT AD 2.15 - 3	20 AUG 2015 12 NOV 2015
	VAASA WAYPOINTS AND FIXES PRD INDEX	EFVA AD 2.15 - 1 EFVA AD 2.15 - 3	12 NOV 2015 12 NOV 2015

3. ILMAILUKARTTA - ICAO 1:500 000 (ANC)

Kartta on suunniteltu palvelemaan näkölentosuunnistuksen tarpeita pienten nopeuksien sekä lyhyiden ja keskipitkien lentoetäisyyksien ollessa kysymyksessä sekä käytettäväksi apuvälineenä lento- ja suunnistuskoulutuksessa. Kartta on konstruoitu Lambertin kulmatarkassa kartioprojektiossa ja on yhdenmukainen ICAO:n Annex 4:n määritelmien kanssa.

3.1 Karttojen ylläpito

Muutokset ANC 1:500 000 -karttoihin julkaistaan normaalisti AIP:n muutospalvelulla ja sisällytetään listaukseen, joka on esitetty kohdassa 3.5. Tieto operatiivisesti merkittävistä virheellisyyksistä ja korjauksista julkaistaan tarvittaessa NOTAMilla.

Ilmoitus ANC 1:500 000 -sarjan ilmailukarttojen uusinnasta julkaistaan tarvittaessa AIC:llä ja/tai Finavian verkkosivuilla <https://ais.fi>.

3.2 Tekijänoikeus

Karttojen tekijänoikeudet kuuluvat Finavialle.

Laadunvarmistus, ks. GEN 3.1. kohta 1.

3.3 Karttojen myynti

Karttakeskus Oy
Atomitie 2
00370 HELSINKI
TEL: 0205 777 580
FAX: 0205 777 199
E-mail: myynti@karttakeskus.fi
www.karttakeskus.fi
Karttakauppa: www.karttakauppa.fi

3. AERONAUTICAL CHART - ICAO 1:500 000 (ANC)

This chart is designed to serve the requirements of visual air navigation for low speed, short and medium range operations and to provide a suitable medium for basic pilotage and for flight and navigation training. The chart is constructed on the Lambert conformal conical projection and it conforms to the ICAO specifications included in Annex 4.

3.1 Maintenance of charts

Changes to series ANC 1:500 000 charts are normally published by AIP Amendment and included in the list given in para 3.5. Information of operationally significant inaccuracies and corrections, if necessary, will be published by NOTAM.

Notification of the renewal of ANC 1:500 000 series charts will be published by AIC and/or Finavia's webpage at <https://ais.fi>.

3.2 Copyright

Finavia owns the copyrights to charts.

Quality Assurance, see GEN 3.1. para 1.

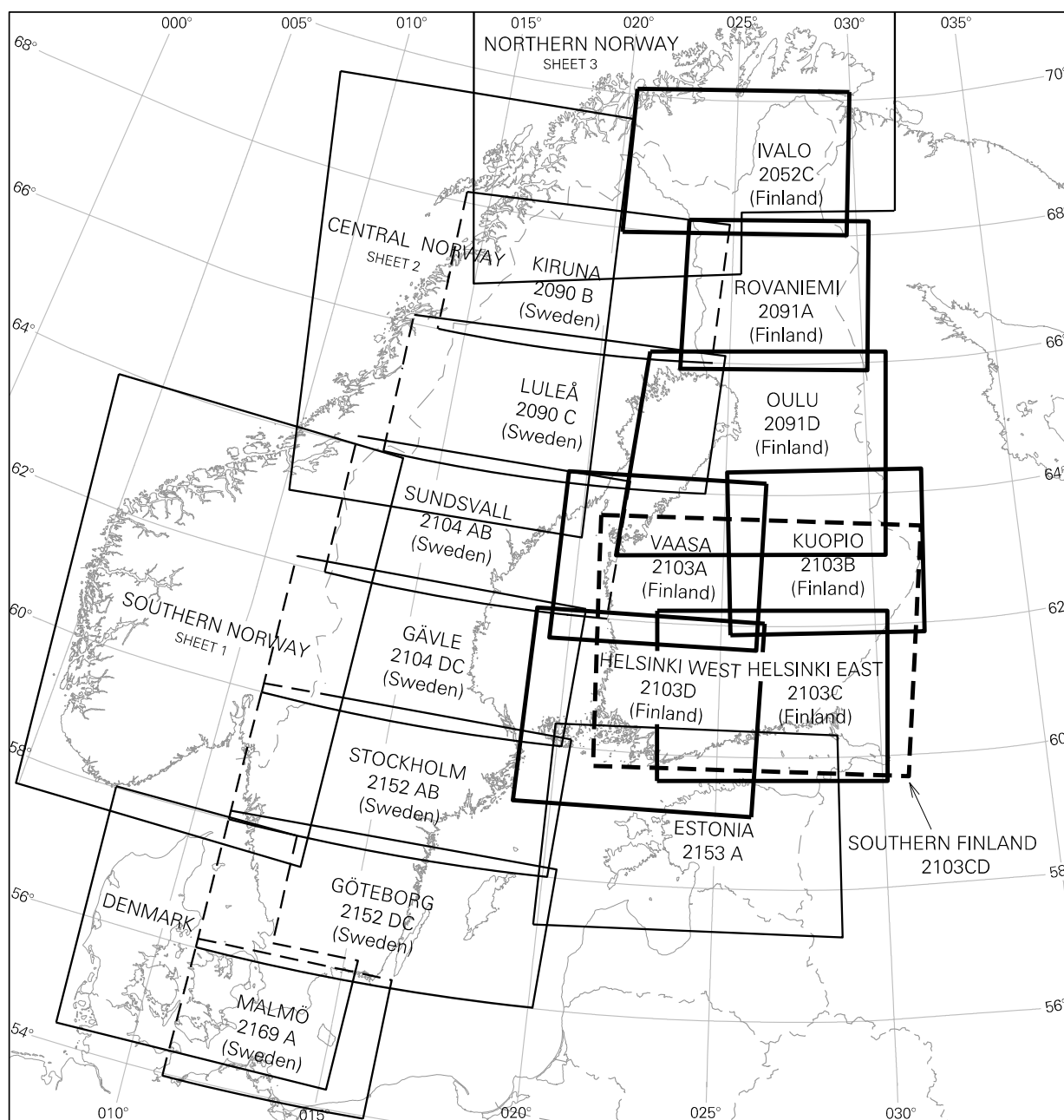
3.3 Purchase arrangements

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FAX: +358 205 777 199
E-mail: myynti@karttakeskus.fi
www.karttakeskus.fi
Mapshop: www.karttakauppa.fi

3.4 Karttojen lehtijako

3.4 Chart index

Kartan nimi / Chart name	ID	Päiväys / Date
HELSINKI WEST	2103D	10 NOV 2016
HELSINKI EAST	2103C	10 NOV 2016
VAASA	2103A	10 NOV 2016
KUOPIO	2103B	10 NOV 2016
OULU	2091D	10 NOV 2016
ROVANIEMI	2091A	12 NOV 2015
IVALO	2052C	10 NOV 2016
SOUTHERN FINLAND	2103CD	10 NOV 2016



3.5 Korjaukset ANC 1:500 000 -karttoihin

3.5 Corrections to ANC 1:500 000 charts

Kartan nimi ja päiväys <i>Chart name and date</i>	ID	LCA	COR	WEF
			NIL	

4. MUUT ILMAILUKÄYTTÖÖN TARJOITETUT KARTAT

4.1 Karttojen ylläpito

Kartat uusitaan tarvittaessa.

Laadunvarmistus, ks. GEN 3.1. kohta 1.

4.2 Tekijänoikeus

Karttojen tekijänoikeudet kuuluvat Finavialle.

Kartat sisältävät Maanmittauslaitoksen pohja-aineistoja:

Maastotietokanta, 09/2012

Maastokartta 1:250 000, 08/2014 ja 10/2015.

Lisenssi http://www.maanmittauslaitos.fi/avoindata_lisenssi_version1_20120501

Licence http://www.maanmittauslaitos.fi/en/NLS_open_data_licence_version1_20120501

4.3 Saatavilla olevat kartat

ICAO Annex 4:n edellyttämien karttojen lisäksi Finavian Ilmailutiedotusyksikkö julkaisee nettisivullaan osoitteessa <https://ais.fi> seuraavia ilmatilan rakennetta selventäviä karttoja:

Local TRA chart
Kartan tarkoitus on antaa käyttäjälle graafinen esitys ao. lentoaseman Local TRA alueista. Mittakaavat ovat 1:350 000, 1:400 000 ja 1:600 000. Kartta julkaistaan seuraaville lentoasemille:

HALLI	(EFHA)
HELSINKI-VANTAA	(EFHK)
IVALO	(EFIV)
JOENSUU	(EFJO)
JYVÄSKYLÄ	(EFJY)
KEMI-TORNIO	(EFKE)
KITTILÄ	(EFKT)
KOKKOLA-PIETARSAARI	(EFKK)
KUOPIO	(EFKU)
KUUSAMO	(EFKS)

4. OTHER AERONAUTICAL CHARTS

4.1 Maintenance of charts

Charts are renewed when necessary.

Quality Assurance, see GEN 3.1. para 1.

4.2 Copyright

Chart copyrights are owned by Finavia.

Charts contain basemap datasets from the National Land Survey of Finland:

Topographic Database, 09/2012

Topographic Map 1:250 000, 08/2014 and 10/2015.

4.3 Chart series available

In order to clarify the airspace structure the following charts are published at <https://ais.fi> by Finavia's Aeronautical Information Service in addition to charts that ICAO Annex 4 requires:

TRA	Local TRA Chart
	The chart is designed to give user a graphical presentation of the aerodrome TRA Local areas. The scales are at 1:350 000, 1:400 000 and 1:600 000. The chart is published for the following aerodromes:

VFR Chart Helsinki	VFR	VFR Chart Helsinki
Kartta on tarkoitettu käytettäväksi pääasiassa paikallisilla koulu- ja harjoituslentoilla palvelemaan näkölentosuunnituksen tarpeita. Ilmailutiedot ovat ICAO:n Annex 4 määritelmien mukaiset. Mittakaava on 1: 250 000.		The chart is designed to be used primarily on local school and training flights to serve the requirements of visual air navigation. The aeronautical information conforms to the ICAO specifications contained in Annex 4. The scale is at 1: 250 000.

8. SIGMET-PALVELU**8.1 Säävalvonta**

Säävalvontaa suoritetaan Suomen lentotiedotusalueella.

Finland FIR:n SIGMET-varoitussanomia tekevänä lentosäävalvontakeskuksena (MWO) toimii Ilmatieteen laitoksen aluepalvelu:

Lento- ja sotilassääpalvelu, Helsinki
TEL: 0600 9 3808 *) meteorologi

*) maksullinen palvelu. toimii kotimaisessa puhelinliikenteessä

8.2 Lentosäävaroitukset

Suomessa laaditaan kansainvälisten määräysten mukaisia SIGMET ja SPECIAL AIREP -varoitussanomia.

9. MUUT AUTOMAATTISET LENTOSÄÄPALVELUT

NIL

8. SIGMET SERVICE**8.1 Area meteorological watch service**

Meteorological watch is maintained within the Finnish flight information region.

The following FMI regional meteorological office serves as Meteorological Watch Office (MWO) issuing SIGMET messages within Finland FIR:

Aviation and Military Weather Service, Helsinki
TEL: 600 9 3808 *) meteorologist

*) charged service in domestic telephony

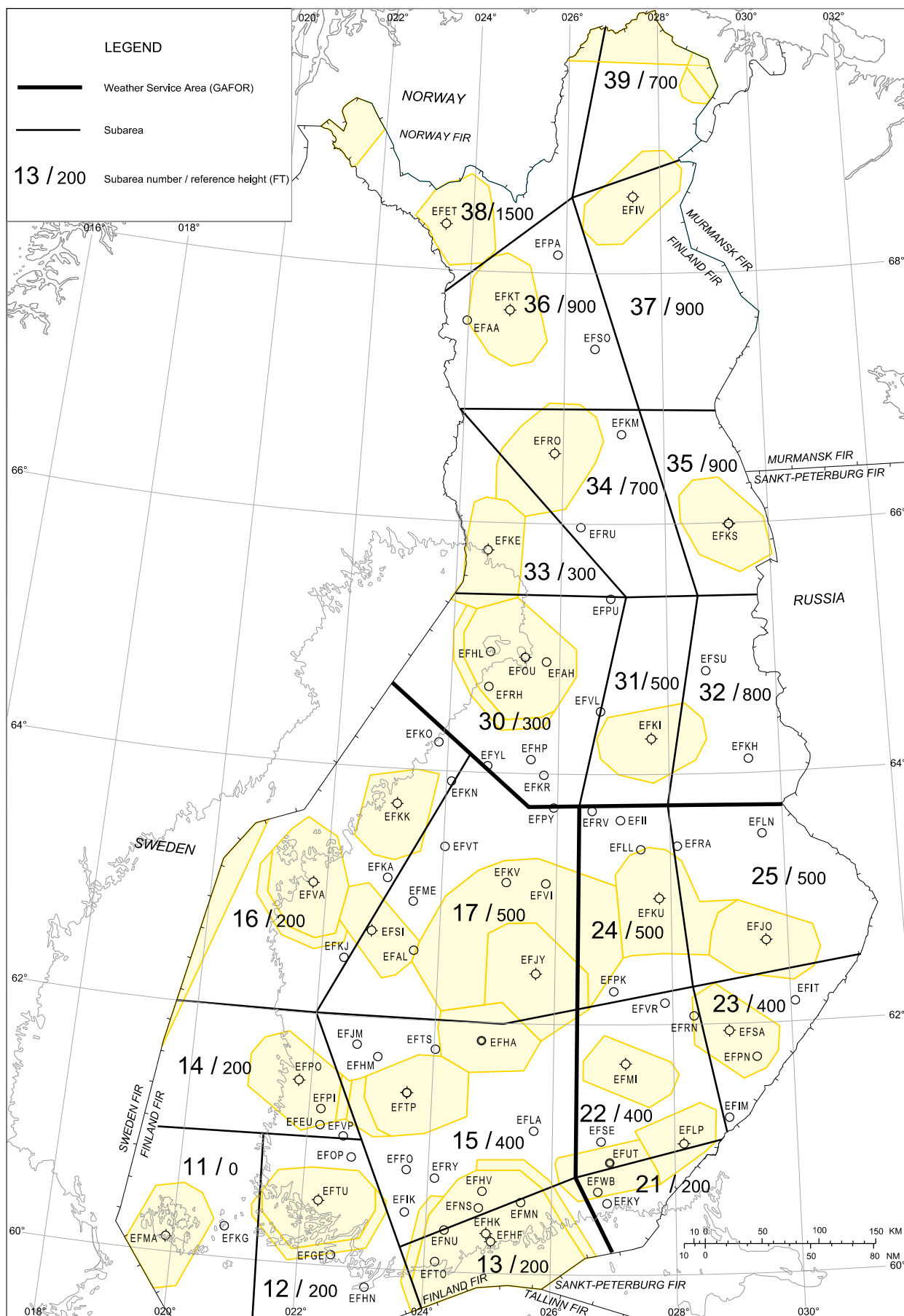
8.2 Warning service

SIGMET and SPECIAL AIREP warnings are prepared in Finland according to international regulations.

9. OTHER AUTOMATED METEOROLOGICAL SERVICES

NIL

LENTOSÄÄPALVELU / METEOROLOGICAL SERVICES



ENR 1 YLEISET SÄÄNNÖT JA MENETELMÄT**ENR 1.1 YLEISET SÄÄNNÖT****1. YLEISTÄ**

Huom.: Suomessa sovellettavat lentosäännöt ja ilmailukennepalvelun menetelmät noudattavat pääosiltaan ICAO:n Annex 2 ja 11 normeja ja suosituksia.

Ilmailukennepalvelun menetelmissä sovelletaan pääosin ICAO:n Doc 4444:ssä (The Rules of the Air and Air Traffic Services) annettuja menettelytapoja sekä eräitä ICAO:n Doc 7030:ssa (Regional Supplementary Procedures) esitettyjä EUR-alueella sovellettavissa olevia lisämenetelmiä.

Kansainvälisten ja kansallisten sääntöjen ja menettelytapojen väliset merkittävät eroavaisuudet on annettu osassa GEN 1.7 eikä niitä toisteta tässä osassa (ENR), ellei niiden esittäminen ole selvytyden tai kokonaisuuden kannalta välttämätöntä (esim. taulukot).

2. RAJANYLITYSPAIKAT

Ilma-aluksen aikoessa ylittää Suomen/Ruotsin tai Suomen/Norjan välisen maarajan, suositellaan julkaistujen ATS-reittien tai osassa GEN 1.2 annettujen rajanylityspisteiden käyttämistä. Lentosuunnitelman täyttämisen osalta, ks. osa ENR 1.10.

3. ILMATILAN JOUSTAVA KÄYTTÖ (FUA)

3.1 Ilmatilan joustava käyttö (Flexible Use of Airspace - FUA) -konsepti on kehitetty yhdessä ECAC-valtioiden viranomaisten, lentoliikenteen harjoittajien ja EUROCONTROLin kanssa. FUA-konseptin tarkoituksena on kehittää ilmatilan käytön joustavuutta parantamalla ilmatilan eri käyttäjien sekä ilmatilavarausten koordinoitua ja sitä kautta tehostaa ilmatilan käyttöä ECAC-alueella.

3.2 FUA-konseptin peruslähdekohta on, että ilmatilaa käytetään joustavasti ja että vain tiettyä käyttäjäryhmää varten tehdyt ilmatilavaraukset ovat aina tilapäisiä ja perustuvat todelliseen käyttötarpeeseen.

3.3 FUA-konseptin käyttöön liittyvät ilmatilarakenteet ja menettelytavat on esitetty Suomen ilmailukäsikirjassa (AIP) seuraavasti:

ENR 1.9: Ilmailukennepuhtojen säätely (ATFCM)

- sisältää kuvauksen NM:sta, ATFCM-menetelmistä, FMP- ja AMC-yksiköistä

| ENR 3.3 kohta 3: Ehdolliset reitit (Conditional Routes - CDR)

- sisältää kuvauksen CDR-reittien luokituksista / käytettävyydestä, EAUP/EUUP-sanomasta

ENR 1 GENERAL RULES AND PROCEDURES**ENR 1.1 GENERAL RULES****1. GENERAL**

The air traffic rules and procedures to air traffic in Finnish territory conform, in general, with the standards and recommended practices of ICAO Annexes 2 and 11.

The procedures to air traffic conform, in general, 1.10 with the Procedures for Air Navigation Services given in ICAO Doc 4444 (The Rules of the Air and Air Traffic Services) and some supplementary procedures given in ICAO Doc 7030 (Regional Supplementary Procedures) applicable in the EUR Region.

Significant differences between national and international rules and procedures are given in GEN 1.7, and they will not be repeated in this section (ENR) unless required for clarification or for completion (e.g. tables).

2. POINTS FOR BORDER CROSSING

When the aircraft intends to cross the state border over land between Finland/Sweden or Finland/Norway, the use of published ATS routes or the border crossing points given on section GEN 1.2 is recommended. For contents of FPL, see section ENR 1.10.

3. FLEXIBLE USE OF AIRSPACE (FUA)

3.1 The Flexible Use of Airspace Concept has been developed by the civil and military representatives of the ECAC States together with the representatives of aircraft operators and EUROCONTROL. The objective of the FUA Concept is to increase the flexible use of airspace in the ECAC area by improving the co-ordination between the different airspace users.

3.2 The basis of the FUA Concept is that the airspace is used flexibly on a day-to-day basis. Consequently, any necessary airspace segregation should be only of a temporary nature and is based on real usage.

3.3 The airspace structures and procedures related to the FUA Concept are published in AIP Finland as follows:

ENR 1.9: Air Traffic Flow Management (ATFCM)

- including description of NM, ATFCM procedures, FMP and AMC units

| ENR 3.3, para 3: Conditional Routes (CDR)

- including description of category / availability of CDR, EAUP/EUUP message format

ENR 5.2: Tilapäiset erillisvarausalueet (TSA), tilapäiset ilmatilavarausalueet (TRA) ja lentotiedotusalueiden rajojen yli tapahtuvan ilmatilan käytön alueet (CBA)

- sisältää kuvauksen TSA-, TRA- ja CBA-alueista

ENR 5.2: Temporary Segregated Areas (TSA), Temporary Reserved Airspace (TRA) and Cross Border Areas (CBA)

- including description of TSA, TRA and CBA Areas

**ENR 1.5 LÄHTÖ-, LÄHESTYMIS- JA ODOTUS-
MENETELMÄT****1. YLEISTÄ**

1.1 Julkaistut lähtö-, lähestymis- ja odotusmenetelmät perustuvat ICAO:n julkaisun Doc 8168-OPS/611 viimeisimpään painokseen.

1.2 Merkittävät eroavuudet kansallisten ja vastaavien ICAO:n menetelmien välillä on lueteltu osassa GEN 1.7.

2. LASKEVAT IFR-LENNOT**2.1 Tuloselvitys**

2.1.1 Lähestymisalueelle laskua varten saapuvat IFR-lennot selvitetään selvitysrajalle, joka on yleensä käytössä olevan kiitotien alkulähestymisrasti. Aluelennonjohdon antamaan tuloksetukseen voi tarvittaessa liittyä vakiotuloreitin käyttö. Tuloksetusta on noudatettava siihen saakka, kunnes lähestymislennonjohtopalvelua antavalta ATC-elimeltä saadaan jatkoselvitys. Jos selvitysraja saavutetaan ennen jatkoselvityksen saamista, on suoritettava odotusmenetelmä viimeksi saadulla ja kuitatulla lentokorkeudella.

2.1.2 Lähestymisselvitys voidaan antaa ilma-alukselle sen seurattessa vakiotuloreittiä.

2.2 Lähestymismenetelmät ja ilmatila

2.2.1 CTR/FIZ/TMA ilmatilat on suunniteltu suojaamaan julkaistut mittarilähestymismenetelmät. Kaikissa tapauksissa ilma-alus on suojattu esteiltä ja maastolta noudattaessaan julkaistun mittarilähestymismenetelmän mukaisia korkeuksia ja nopeuksia; estevaravaatimuksista ei ole joustettu.

2.2.2 Seuraavilla lentopaikoilla saattaa ilma-alus joutua NDB menetelmän racetrack sisäänlennossa FIZ/TMA alueiden alapuolelle ennen CTR/FIZ alueelle pääsemistä: EFIV, EFKE, EFKT ja EFKK.

2.2.3 Seuraavilla lentopaikoilla ilma-alus joutuu NDB menetelmässä ilman loppulähestymisrastia FIZ UPPER alueiden alapuolelle ennen FIZ LOWER alueelle pääsemistä: EFMI ja EFSI.

2.2.4 Katso kuva 2.2.5.

**ENR 1.5 DEPARTURE, APPROACH AND HOLDING
PROCEDURES****1. GENERAL**

1.1 Published departure, approach and holding procedures are based on those contained in the latest edition of ICAO Doc 8168-OPS/611 (PANS/OPS).

1.2 A list of significant differences between national and ICAO procedures, see GEN 1.7.

2. ARRIVING IFR FLIGHTS**2.1 Inbound clearance**

2.1.1 IFR flights entering and landing within a terminal control area will be cleared to a specified clearance limit, which is normally initial approach fix serving the runway in use. Inbound clearance given by the ACC may include the use of standard arrival route when needed. Inbound clearance shall be adhered to until further clearance is received from the ATC unit providing approach control service. If the clearance limit is reached before further clearance has been received, holding procedure shall be carried out at the level last received and acknowledged.

2.1.2 The approach clearance may be issued during the standard arrival route.

2.2 Approach procedures and airspace

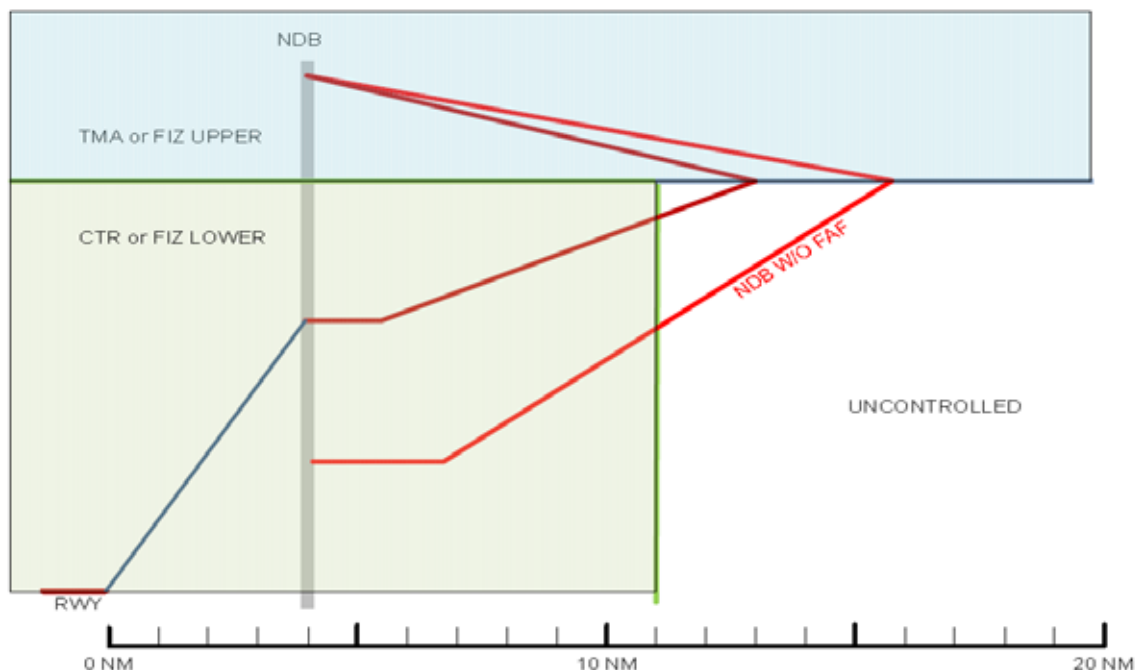
2.2.1 CTR/FIZ/TMA airspaces are designed to accommodate published instrument approach procedures. In all cases aircraft is protected from terrain and man-made obstacles when published altitudes and speeds are observed, i.e. obstacle clearance requirements are not compromised.

2.2.2 Aircraft may fly below FIZ/TMA airspace when inbound of NDB racetrack procedure before entering CTR/FIZ airspace at the following aerodromes: EFIV, EFKE, EFKT and EFKK.

2.2.3 Aircraft will fly below FIZ UPPER airspace when inbound of NDB procedure without FAF before entering FIZ LOWER airspace at the following aerodromes: EFMI and EFSI.

2.2.4 See picture 2.2.5.

2.2.5



3. LÄHTEVÄT IFR-LENNOT

3.1 Lähtevät lennot saavat ATC-selvityksen paikalliselta lähilennonjohdolta tai AFIS-elimeltä. Selvitysrajana on normaalisti määrälaskupaikka.

3.2 Lähtevien turbiini-ilma-alusten on pyydettävä käynnistyslupa. Milloin odotettu myöhästyminen on vähemmän kuin 10 minuuttia, annetaan ilma-alukselle lupa käynnistää moottorit välittömästi.

3. DEPARTING IFR FLIGHTS

3.1 Departing flights will receive ATC clearance from the local aerodrome tower or AFIS unit. The clearance limit will normally be the aerodrome of destination.

3.2 Departing aircraft fitted with turbine-engine shall request start-up clearance. When the expected delay is less than 10 minutes, aircraft will be cleared to start engines immediately.

4. MUITA TÄRKEITÄ TIETOJA JA MENETELMIÄ

4.1 Melunvaimennusmenetelmät

4.1.1 Lentoasemien ilmaliikenne järjestetään siten, että siitä aiheutuva lentomelu asuinalueilla ehkäistään mahdollisimman tehokkaasti.

4.1.2 Julkaistut vakiolähtö- ja tuloreitit ovat samalla melunvaimennusreittejä.

4.1.3 Lentoalähdön jälkeen tulee ilma-aluksen nousta ainakin 600 M (2000 FT) korkeuteen niin nopeasti kuin se normaalisti on mahdollista.

4.1.4 Mittari- tai näkölähetyksen loppuosaa ei tule suorittaa ILS- tai PAPI-järjestelmän liukukulmaa pienemällä kulmalla. ILS GP:n tai PAPI-järjestelmän puuttuessa on loppulähestyminen pyrittävä suorittamaan vähintään 3 asteen liukukulmaa noudattaen.

4. OTHER RELEVANT INFORMATION AND PROCEDURES

4.1 Noise abatement procedures

4.1.1 Airport air traffic must be organised in a way that minimises aircraft noise in residential areas as efficiently as possible.

4.1.2 The published SID and STAR-routes are also minimum noise routings.

4.1.3 After take-off aircraft shall climb as rapidly as practicable to at least 600 M (2 000 FT).

4.1.4 The final stage of an instrument or visual approach shall not be performed below the glide path of ILS or PAPI. When ILS GP or PAPI is not available, the approach should be carried out maintaining at least 3 degree glide path.

ENR 1.6 TUTKAPALVELU JA -MENETELMÄT

ENR 1.6 RADAR SERVICES AND PROCEDURES

1. TOIMINTA

Tutkaelimet toimivat yleensä vastaavien ATC-elinten osana pyrkien suorittamaan mahdollisimman paljon kohdassa 2 luetelluista tutkapalvelun tehtävistä. Sellaiset tekijät kuin käytettävissä olevan tutkan mitta-alue, sen laitteiden toimintarajoitukset ja työmäärä saattavat estää tutkalennonjohtajaa suorittamasta kaikkia tai joitakin annetuista tehtävistä. Tutkalennonjohtajalla on valta ratkaista, voiko hän tietyissä olosuhteissa antaa tutkapalvelua tai jatkaa sen antamista.

Alla on lueteltu käytettävissä olevat tutkaelimet. Tutkaelinten toiminta-ajat sekä käytettävät taajuuudet on annettu lentoasemakohtaisesti osassa AD 2.

1. OPERATION

Radar units, normally operating as an integral part of the parent ATC units, will provide as much as possible of the radar service listed in the para 2. Factors, such as radar coverage, limitations in the functioning of radar equipment and the work load may prevent the radar controller from performing all or some of the given functions. The radar controller has the authority to decide whether he, in any specific case, is able to provide radar service or continue to provide it.

The radar units available are listed below. The operational hours and frequencies of radar units can be found in section AD 2.

Responsible ATC unit	SER	Call sign		RMK
		FI	EN	
APP HALLI TWR HALLI	SSR SSR	HALLIN TUTKA HALLIN TORN	HALLI RADAR HALLI TOWER	SSR antenna not located at the aerodome, functionality limited
APP HELSINKI	PSR, SSR PSR, SSR	HELSINGIN TUTKA HELSINGIN TULO	HELSINKI RADAR HELSINKI ARRIVAL	
APP JYVÄSKYLÄ TWR JYVÄSKYLÄ	SSR SSR SSR	JYVÄSKYLÄN TUTKA JYVÄSKYLÄN TULO JYVÄSKYLÄN TORN	JYVÄSKYLÄ RADAR JYVÄSKYLÄ ARRIVAL JYVÄSKYLÄ TOWER	
APP KUOPIO TWR KUOPIO	SSR SSR SSR	KUOPIO TUTKA KUOPIO TULO KUOPIO TORN	KUOPIO RADAR KUOPIO ARRIVAL KUOPIO TOWER	
APP MARIEHAMN TWR MARIEHAMN	SSR SSR	MAARIANHAMINAN TUTKA MAARIANHAMINAN TORN	MARIEHAMN RADAR MARIEHAMN TOWER	
APP OULU TWR OULU	SSR SSR	OULUN TUTKA OULUN TORN	OULU RADAR OULU TOWER	
APP PORI TWR PORI	SSR SSR	PORIN TUTKA PORIN TORN	PORI RADAR PORI TOWER	
APP ROVANIEMI TWR ROVANIEMI	SSR SSR SSR	ROVANIEMEN TUTKA ROVANIEMEN TULO ROVANIEMEN TORN	ROVANIEMI RADAR ROVANIEMI ARRIVAL ROVANIEMI TOWER	
APP PIRKKALA TWR PIRKKALA	SSR SSR SSR	PIRKKALAN TUTKA PIRKKALAN TULO PIRKKALAN TORN	PIRKKALA RADAR PIRKKALA ARRIVAL PIRKKALA TOWER	
APP TURKU TWR TURKU	SSR SSR	TURUN TUTKA TURUN TORN	TURKU RADAR TURKU TOWER	
APP VAASA TWR VAASA	SSR SSR	VAASAN TUTKA VAASAN TORN	VAASA RADAR VAASA TOWER	
ACC TAMPERE	SSR	TAMPEREEN TUTKA	TAMPERE RADAR	For frequencies, see section ENR 2.1.

2. TUTKAPALVELU

2.1 Tutkapalvelun tehtävänä on

- a) Ilmaliikenteen jouduttaminen ja yhteentörmäysten ehkäiseminen
 - suorittamalla tutkavektoroitua ja -seurantaa;
 - soveltamalla tutkaporrastusta; sekä
 - antamalla varoitus- ja paikkailmoituksia tunnistamattomista ilma-aluksista, joiden katsotaan voivan aiheuttaa yhteentörmäysvaaran;
- b) vaaratilanteessa olevan ilma-aluksen auttaminen;
- c) Ilma-aluksen avustaminen navigoinnissa;
- d) merkitsevästä sääilmiöstä ilmoittaminen sekä antaa tutkavektoroitua haitallisten sääalueiden kiertämiseksi;

2.2 Tutkalähestymiset

Tarkkuustutkalähestymiset eivät ole käytössä.

2.3 Pilvenläpäisymenetelmät

Lennon jouduttamiseksi voidaan ilma-alus vektoroida pilven alle kohtaan, josta näkölähestyminen laskua varten on mahdollista aloittaa. Pilven läpäisy voidaan suorittaa miltä tahansa suunnalta edellyttäen, että julkaistun ATC SMAC -kartan korkeudet ovat säilytettävissä.

2.4 Pienin vaakasuora tutkaporrastus

2.4.1 Vaakasuora tutkaporrastusminimi on 5 NM, joka voidaan pienentää 3 NM:in milloin tutkan laatu sen sallii.

Huom.: Liikenteen turvallisuusvirasto voi määrätä laitekohtaisesti käytettäväksi suurempia minimejä.

2.5 Esteetön korkeus maastoon

Vektoroidessaan IFR-ilma-alusta tulee tutkalennonjohtajan varmistua, että määrätty estevara säilyy koko ajan siihen asti kunnes ilma-alus jatkaa omalla navigoinnilla.

Lentokorkeudet, jotka tutkalennonjohtaja antaa ilma-alukselle reitillä tai lähestymisen alku- ja välivaiheissa, takaavat vähintään 300 M (1000 FT) pystysuoran etäisyyden säilymisen enintään käytettävän laitekohtaisen tutkaporrastusminimin (3 NM tai 5 NM) mukaisella etäisyydellä ilma-aluksen tutkareitistä oleviin esteisiin.

Julkaistu ATC SMAC -kartta mahdollistaa käyttäjälle ATC-valvontajärjestelmää käyttävän lennonjohtajan määrittämien korkeuksien valvonnan ja tarkistuksen.

2. RADAR SERVICE

2.1 Radar service is provided to

- a) expedite the flow of air traffic and prevent collisions by
 - providing radar vectoring and monitoring;
 - applying radar separation;
 - giving warnings and position information on unidentified aircraft considered to constitute a hazard;
- b) assist aircraft in emergency;
- c) provide navigational assistance to aircraft;
- d) inform on significant weather phenomena and provide radar vectors for circumnavigating adverse weather areas;

2.2 Radar approaches

Precision radar approaches (PAR) are not in use.

2.3 Cloudbreak procedures

An aircraft may for expediting purposes be vectored to a position below clouds from where visual approach and landing can be executed. The cloud break may be carried out from any direction provided that minimum altitudes published in the ATC SMAC chart can be maintained.

2.4 Minimum horizontal radar separation

2.4.1 The horizontal radar separation minima is 5 NM, which may be reduced to 3 NM and when the radar equipment qualification so permits.

Note: The Finnish Transport Safety Agency may determine an increased separation minimum to be applied in the use of different radar equipment.

2.5 Terrain clearance

When vectoring an IFR flight, the radar controller shall ensure that adequate terrain clearance will exist at all times until the aircraft reaches the point where the pilot will resume his own navigation.

Levels assigned to aircraft by radar controller in the en-route phase of a flight or in the initial or intermediate phase of an approach will guarantee a terrain clearance of at least 300 M (1000 FT) above all obstacles within a distance corresponding to the radar equipment's separation minima (3 NM or 5 NM) of the aircraft's radar track.

Published ATC SMAC chart provides information that will enable flight crews to monitor and cross-check altitudes assigned by a controller using an ATC surveillance system.

3. VIKA TUTKALAITTEISSA

Tutkavian sattuessa tai tutkayhteyden katketessa ryhdytään välittömiin toimenpiteisiin standardi IFR-porrastuksen varmistamiseksi kyseeseen tulevien ilma-alusten välillä. Tutkalennonjohtaja pyytää ilma-aluksia ottamaan yhteyden ao. lennonjohtajaan jatko-ohjeita varten.

4. RADIOYHTEYDEN KATKEAMINEN

4.1 Jos kaksipuolinen radioyhteys ilma-alukseen on katkenut, tutkalennonjohtaja varmistuu ensiksi siitä, onko ilma-aluksen vastaanotin toimintakunnossa määräämällä sen, siihen saakka käytetyllä taajuudella, kuittaamaan käskelyn liikkeen suorituksella, sekä seuraamalla ilma-aluksen noudattamaa lentosuuntaa.

Radioyhteyden katketessa täydellisesti on ilma-aluksen toimittava lentosäännöissä yhteyden katkeamisesta annettujen menetelmien mukaisesti ja yritettävä saada yhteys vastaan lennonjohtoon tai muihin sopiviin ATS-elimiin.

Huom.: Ks. myös ENR 1.6 - 5, kohta 5.4.

4.2 Jos johdettua IFR-lentoa mittarisääolosuhteissa suorittava lähtevä ilma-alus on vastaanottanut ja kuitannut alkuperäisen väliselvityksen jollekin muulle kuin voimassa olevassa lentosuunnitelmassa matkalento-osuutta varten annetulle lentokorkeudelle, tulee sen täydellisen radioyhteyden katkeamisen todettuaan säilyttää alkuperäisen väliselvityksessä saamansa lentokorkeus **seitsemän minuutin ajan** ennen nousun aloittamista matkalentokorkeuteen, ellei lentokorkeuden muutosaikaa tai -paikkaa ole annettu noususelvityksessä.

4.3 Mikäli ilma-alus on tutkavektoroinnilla johdettu pois reitiltä tai se noudattaa RNAV rinnakkaissuuntaa ilman erityistä rajaa, tulee sen pyrkiä suorinta tietä liittymään voimassa olevan lentosuunnitelman mukaiselle reitille viimeistään seuraavalla merkitsevällä pisteellä ottaen huomioon sovellettavissa oleva minimilentokorkeus.

5. TOISIOVALVONTATUTKA (SSR)

5.1 Vaatimus ilma-alusten varustamisesta toisiotutkavastaimella (SSR-transponderilla)

5.1.1 Ilma-aluksen tulee olla varustettu toimintakuntoisella painekorkeuden ilmoittavalla transponderilla lennettäessä seuraavissa ilmatilan osissa:

- Suomen lentotiedotusalueella lentopinnalla FL 95 tai sen yläpuolella
- EFHK TMA UPPER, EFHK TMA LOWER, EFHK CTA WEST ja EFHK CTA EAST
- EFHK TMA LOWER alapuolisessa valvomattomassa ilmatilassa

3. RADAR EQUIPMENT FAILURE

In the event of radar failure or loss of radar contact immediate action will be taken to ensure that standard IFR separation is provided between aircraft. The radar controller will instruct aircraft to communicate with the appropriate non-radar controller for further instructions.

4. RADIO FAILURE

4.1 If two-way communication is lost with an aircraft, the radar controller will first determine whether or not the aircraft's receiver is functioning by instructing the aircraft - on the frequency so far used - to acknowledge by making a specified manoeuvre and by observing the aircraft's track.

In the event complete communication failure the aircraft shall act in accordance with the communication failure procedures in the Rules of the Air and attempt to establish communication with the parent ATC unit or other ATS units as applicable.

Note: See ENR 1.6 - 5, para 5.4.

4.2 A departing controlled IFR flight operating in instrument meteorological conditions, having acknowledged an initial or intermediate clearance to climb to a level other than the one specified in the current flight plan for the en-route phase of the flight, and experiencing two-way radio communication failure shall, if no time or place for level change was included in the climb clearance, maintain **for a period of seven minutes** the level to which it was cleared and then commence the climb to the cruising level.

4.3 Aircraft being radar vectored or proceeding offset according to RNAV without a specified limit, proceed in the most direct manner possible to rejoin the current flight plan route no later than the next significant point, taking into consideration the applicable minimum flight altitude.

5. SECONDARY SURVEILLANCE RADAR (SSR)

5.1 Mandatory carriage of SSR transponder

5.1.1 Aircraft shall be equipped with a serviceable transponder with pressure-altitude reporting capability, when operating:

- within the Finnish flight information region at or above flight level FL 95
- within EFHK TMA UPPER, EFHK TMA LOWER, EFHK CTA WEST and EFHK CTA EAST
- within the uncontrolled airspace below EFHK TMA LOWER

- d) EFHK CTR SOUTH ja EFHK CTR NORTH
- e) EFHF CTR
- f) EFJY TMA ja EFJY CTA
- g) ENKR TMA CENTER ja ENKR TMA WEST

5.1.2 Ilma-aluksessa on oltava painekorkeuden ilmoittava transponderi, joka toimii A- ja C-moodissa tai S-moodissa.

5.1.3 Poikkeuksia yllämainituista vaatimuksista voidaan myöntää seuraavasti:

- a) Liikenteen turvallisuusvirasto voi seuraavassa lueteltua toimintaa harjoittavien yksiköiden pyynnöstä myöntää näille yksiköille poikkeuksia EU:n yhteisiin lentosääntöihin (SERA) perustuvista vaatimuksista seuraavan yleishyödyllisen toiminnan ja sen turvalliseen harjoittamiseen tarvittavan koulutuksen osalta:

- 1) poliisi- ja tullitehtävät;
- 2) liikenteenvalvonta- ja takaa-ajotehtävät;
- 3) viranomaisten suorittamat tai valtuuttamat ympäristövalvontatehtävät;
- 4) etsintä- ja pelastustoimet;
- 5) lääkintälennot;
- 6) evakuoinnit;
- 7) palontorjunta;
- 8) poikkeukset, jotka ovat tarpeen valtionpäämiesten, ministerien ja vastaavien valtion virkamiesten lentojen turvallisuuden varmistamiseksi.

- b) Lennonvarmistuspalvelujen tarjoaja (Finavia) myöntää poikkeuksia EU:n yhteisiin lentosääntöihin (SERA) perustuvista vaatimuksista seuraavasti:

1) Kohtien 5.1.1 ja 5.1.2 vaatimuksia ei sovelleta moottorittomiin ilma-aluksiin, moottoroituihin liitimiin, apumoottorilla varustettuihin purjelentokoneisiin eikä itselähteisiin purjelentokoneisiin. Vaatimuksia ei myöskään sovelleta ilma-aluksiin joissa ei ole latausjärjestelmää.

2) Yksittäisiä lentoja varten voi ao. ATS-elin myöntää poikkeuksen liikennetilanteen sen salliessa:

- a. ilma-aluksen siirtämiseen huoltoa tai korjausta varten;
- b. lentonäytökseen tai lentokilpailuun osallistumiseen;
- c. muuhun vastaavaan tarkoitukseen; tai
- d. RPAS-toimintaan.

5.1.4 Lisätietoja yllä annettujen määräysten soveltamisesta, ks. ilmailumääräys OPS M1-31.

5.2 Toimintamenetelmät

5.2.1 Toimintakuntoisella transponderilla varustetun ilma-aluksen tulee käyttää transponderia koko lennon ajan kaikissa ilmatilan osissa.

- d) within EFHK CTR SOUTH and EFHK CTR NORTH
- e) within EFHF CTR
- f) EFJY TMA and EFJY CTA
- g) ENKR TMA CENTER and ENKR TMA WEST

5.1.2 The aircraft shall be equipped with a transponder with pressure-altitude reporting capability operating on Modes A and C or on Mode S.

5.1.3 Exemptions from the requirements above can be granted as follows:

- a) At the request of the entities conducting the following activities, the competent authorities may grant exemptions from the specific requirements of this Regulation to those entities for the following activities of public interest and for the training necessary to carry out the activities safely:

- 1) police and customs missions;
- 2) traffic surveillance and pursuit missions;
- 3) environmental control missions conducted by, or on behalf of public authorities;
- 4) search and rescue;
- 5) medical flights;
- 6) evacuations;
- 7) fire fighting;
- 8) exemptions required to ensure the security of flights by heads of State, Ministers and comparable State functionaries.

- b) The air navigation service provider (Finavia) grants exemptions from the requirements based on EU's Standard European rules of the air (SERA) as follows:

1) Requirements given in paras 5.1.1 and 5.1.2 do not apply to non-power driven aircraft, motorized hang-gliders, self-sustaining powered sailplanes and self-launching gliders. Requirements do not apply to aircraft without motorized charging system either.

2) Traffic conditions permitting, occasional exemptions for individual flights may be granted by the appropriate ATS unit:

- a. for the removal of an aircraft for maintenance or repair;
- b. for participation in an air show or an air competition; or
- c. for other similar purpose; or
- d. for RPAS (Remotely Piloted Aircraft Systems) operations

5.1.4 For more information of the application of the requirements above, see Aviation Regulation OPS M1-31.

5.2 Operating procedures

5.2.1 An aircraft carrying a serviceable transponder shall operate the transponder at all times during the flight.

5.2.2 Suomen lentotiedotusalueella tulee transponderilla varustetun ilma-aluksen valita moodi ja koodi ATC-elimen antamien ohjeiden mukaisesti.

5.2.3 Siirryttäessä lentotiedotusalueelta toiselle tulee ilma-aluksen säilyttää aikaisemmin saamansa moodi ja koodi kunnes ATC-elin toisin määrää.

5.2.4 Suomen lentotiedotusalueella lennettäessä tulee ilma-aluksen, jolle ATC-elin ei ole antanut ohjeita transponderin käytöstä, valita moodi A koodi 2000 kunnes ATC-elin toisin määrää.

5.2.5 Ilma-aluksen tulee valita IDENT-asetus vain silloin, kun ATC-elin niin määrää.

5.2.6 Mikäli ilma-aluksessa on moodilla C varustettu transponderi on moodia C käytettävä jatkuvasti ellei ATC-elin toisin määrää.

5.3 Menettely vaaratilanteissa

Vaaratilanteeseen joutuneen tunnistetun ilma-aluksen tulee käyttää ATC-elimeltä aiemmin saamaansa koodia, ellei ilma-aluksen päällikkö toisin päättä tai ellei ATC-elin anna tästä poikkeavia ohjeita. Näissä tapauksissa on käytettävä moodia A koodia 7700.

Ks. myös kohta 5.2.6 yllä.

5.4 Menettely radioyhteyden katketessa

Radioyhteyden katkeamisen todettuaan tulee ilma-aluksen valita moodi A koodi 7600.

Ks. myös kohta 5.2.6 yllä.

5.5 Laiton puuttuminen ilma-aluksen kulkuun

Tutkavastaimella (SSR transponderilla) varustettu ilma-alus voi ilmoittaa laittomasta puuttumisesta ilma-aluksen kulkuun valitsemalla moodin A ja koodin 7500. Mikäli toisiotutkavastain on varustettu moodilla C, sitä on käytettävä jatkuvasti, ellei lennonjohtoelin toisin määrää.

5.2.2 When operating within the Finnish flight information region, an aircraft equipped with transponder shall select Mode and Code as instructed by the appropriate ATC unit.

5.2.3 When transferring from a flight information region to another, an aircraft shall maintain the last assigned Mode and Code until otherwise instructed by the appropriate ATC unit.

5.2.4 When operating within the Finnish flight information region, an aircraft which has not received Code setting instructions, shall select Mode A and Code 2000, until otherwise instructed by the appropriate ATC unit.

5.2.5 An aircraft shall use the IDENT feature only when requested by ATC.

5.2.6 When the aircraft carries a serviceable transponder equipped with mode C, this mode shall be continuously operated unless otherwise instructed by the appropriate ATC unit.

5.3 Emergency procedures

An aircraft encountering a state of emergency shall maintain the last assigned Mode and Code, unless otherwise decided by the pilot-in-command or instructed by the appropriate ATC unit. In these cases Mode A and Code 7700 shall be selected.

See also para 5.2.6 above.

5.4 Radio communication failure procedures

An aircraft experiencing radio communication failure shall select Mode A Code 7600.

See also para 5.2.6 above.

5.5 Unlawful interference

An aircraft provided with SSR transponder may select mode A and code 7500 to indicate that unlawful interference has taken place. In case the transponder is provided with mode C it shall be operated continuously unless otherwise prescribed by the appropriate air traffic control unit.

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ENR 1.7 KORKEUSMITTARIN ASETUSMENETELMÄT**1. JOHDANTO**

1.1 Korkeusmittarin asetusmenetelmät ovat ICAO:n Doc 8168-OPS/611 mukaiset.

1.2 Korkeusmittarin asetusarvot annetaan hehtopascaleina pyöristettyinä alaspäin lähimpään kokonaiseen hehtopascaliiin. Asetusarvot ilmoitetaan kuitenkin pyynnöstä hehtopascalin kymmenyksen tarkkuudella laskua varten.

2. YLEISET MENETELMÄT**2.1 Siirtokorkeus / Siirtopinta**

2.1.1 Siirtokorkeudeksi kaikkia mittarilentopaikkoja varten on määrätty 1 500 M (5 000 FT) MSL.

2.1.2 Kirkenesin lähestymisalueiden ENKR TMA CENTER ja ENKR TMA WEST siirtokorkeus on 2150 M (7 000 FT) MSL.

2.1.3 Siirtopinnan määrittäminen suorittaa ao. ATS-elin paikallisen aktuellin QNH-arvon perusteella.

2.2 Korkeusmittarin asetusarvot lennon eri vaiheissa

2.2.1 Ilma-aluksen pystysuora sijainti IFR- ja VFR-lennoilla ilmaistaan:

- a) QNH-asetuksella määritettävänä korkeuksina merenpinnasta (MSL) lennettäessä siirtokorkeudella tai tämän alapuolella tai alimman käyttökelpoisen lentopinnan alapuolella.
- b) korkeusmittarin asetusarvoon 1013.2 HPA perustuvina lentopintoina lennettäessä siirtokorkeuden yläpuolella tai alimmalla käyttökelpoisella lentopinnalla tai tämän yläpuolella.

Huom.: Tästä menetelmästä voidaan poiketa sotilaslentotoiminnessa määrätyillä alueilla. Lennon eri vaiheissa käytettävästä korkeusmittarin asetuksesta tällaisessa lentotoiminnessa on määrätty erikseen.

2.2.2 Lentoonlähtö ja nousu

2.2.2.1 Lentopaikan QNH-asetus annetaan ilma-alukselle taivonomaisten lähtötietojen yhteydessä.

2.2.2.2 Ilma-aluksen pystysuora sijainti nousun aikana on ilmaistava korkeuksina merenpinnasta siirtokorkeudelle saakka, jonka yläpuolella se on ilmaistava lentopintoina.

2.2.3 Matkalento

Ks. myös kohta 5. alla.

ENR 1.7 ALTIMETER SETTING PROCEDURES**1. INTRODUCTION**

1.1 The altimeter setting procedures conform to those contained in ICAO Doc 8168-OPS/611.

1.2 Altimeter setting values are given in hectopascals rounded off downward to the nearest whole hectopascal. On request the values will, however, be provided in tenths for landing.

2. BASIC PROCEDURES**2.1 Transition altitude / Transition level**

2.1.1 The transition altitude for all instrument aerodromes is 1 500 M (5 000 FT).

2.1.2 The transition altitude for Kirkenes terminal control areas ENKR TMA CENTER and ENKR TMA WEST is 2150 M (7 000 FT).

2.1.3 The transition level - based on the local actual QNH value - is determined by the appropriate ATS-unit.

2.2 Altimeter setting values used in different phases of the flight

2.2.1 The vertical displacement of aircraft on IFR and VFR flights is expressed in terms of:

- a) altitudes - determined from an altimeter set to QNH - during flight at or below the transition altitude or below the lowest usable flight level;
- b) Flight levels - based on an altimeter setting of 1013.2 HPA - during flight above the transition altitude or at or above the lowest usable flight level.

2.2.2 Take-off and climb

2.2.2.1 The aerodrome QNH setting is made available to aircraft in routine take-off data.

2.2.2.2 Vertical position of aircraft during climb shall be expressed in terms of altitude until reaching the transition altitude above which it shall be expressed in terms of flight level.

2.2.3 En Route

Note: See also para 5. below.

2.2.3.1 QNH-asetus on saatavissa pyynnöstä ATS-elimiltä:

- a) riittävän pystysuoran etäisyyden määrittämiseksi alla olevaan maastoon:
- b) merenpinnasta lasketun matkalentokorkeuden määrittämiseksi lentopintajärjestelmän alapuolella suoritettavalla lennolla.

2.2.4 Lähestyminen ja lasku

2.2.4.1 Lentopaikan QNH-asetus ja siirtopinta annetaan saapuvalle ilma-alukselle annettavien tavanomaisten tietojen yhteydessä. QFE annetaan vain pyynnöstä, lukuunottamatta sotilasilma-aluksia, joille QFE annetaan ilman eri pyyntöä.

Huom.: Suomessa lentopaikan QFE-asetus ilmaisee aina ilmanpaineen, joka vallitsee ao. lentopaikan korkeustasossa.

2.2.4.2 Ilma-aluksen pystysuora sijainti lähestymisen aikana on ilmaistava lentopintoina siirtopinnalle saakka, jonka alapuolella se on ilmaistava korkeuksina merenpinnasta, paitsi kun lähestymisselvitys on annettu ja lentokorkeuden vähenys laskua varten on aloitettu, voidaan pystysuora sijainti ilmaista lentokorkeuksina merenpinnasta siirtopinnan yläpuolella edellyttäen, että vaakalentoa siirtokorkeuden yläpuolella ei ole ennalta odotettavissa.

3. ALIN KÄYTTÖKELPOINEN LENTOPINTA

3.1 Alimmat käyttökelpoiset lentopinnat määritetään erikseen niitä alueita varten, missä siirtokorkeutta ei ole määrätty.

3.2 Paitsi mitä kohdassa 3.3 on esitetty, alin käyttökelpoinen lentopinta ei saa alittaa 1 500 M (5 000 FT) korkeutta MSL Suomen lentotiedotusalueella.

3.3 Pituusasteen 22° E länsipuolella, Suomen aluelennonjohdon sektorin J vastuualueella, on alimman käyttökelpoisen lentopinnan kuitenkin oltava vähintään 1 850 M (6 000 FT) MSL korkeudella.

3.4 Alimmat käyttökelpoiset lentopinnat määrittää ao. aluelennonjohto alueellisten ennustettujen QNH-arvojen perusteella kolmasti vuorokaudessa.

4. KORKEUSMITTARIN ASETUS PURJELLENNOILLA

Korkeusmittarin asetuksena kaikilla purjelennoilla yli 1500 M (5000 FT) korkeudella merenpinnasta on käytettävä standardiasetusta 1013.2 HPA.

2.2.3.1 QNH setting is available on request from ATS units for use in determining:

- a) adequate terrain clearance;
- b) cruising altitude during flight below flight level system.

2.2.4 Approach and landing

2.2.4.1 The aerodrome QNH setting and transition level are made available in routine information for arriving aircraft. QFE will be passed on request only.

Note: In Finland the aerodrome QFE setting always expresses the atmospheric pressure at aerodrome elevation.

2.2.4.2 The vertical position of aircraft during approach shall be expressed in terms of flight level until reaching transition level below which it shall be expressed in terms of altitude, except that after approach clearance has been issued and the descent to land is commenced the vertical position above the transition level may be expressed in terms of altitude provided, that level flight above transition altitude is not anticipated.

3. LOWEST USABLE FLIGHT LEVEL

3.1 The lowest usable flight levels are determined separately for those areas, where no transition altitude has been specified.

3.2 Except as provided in para 3.3 the lowest usable flight level shall not be positioned below 1 500 M (5 000 FT) within the Finnish flight information region.

3.3 However, West of the longitude 22° E, within the responsibility area of ACC Finland sector J, the lowest usable flight level shall not be below the altitude 1 850 M (6 000 FT) MSL.

3.4 The lowest useable flight levels - based on regional forecast QNH values - are determined by the appropriate area control centre three times a day.

4. ALTIMETER SETTING ON GLIDER FLIGHTS

The altimeter setting value 1013.2 HPA shall be used on all glider flights above the altitude of 1500 M (5000 FT).

5. MATKALENTOKORKEUDET

5.1 Matkalennoilla Suomen lentotiedotusalueella noudetaan magneettisiin lentosuuntiin perustuvaa matkalentojen puoliympyräjärjestelmää alla olevan taulukon mukaisesti.

5.2 Seuraavia matkalentokorkeuksia on noudatettava Suomen ilmatilassa:

5. CRUISING LEVELS

5.1 On en route flights in Finnish flight information region the semicircular system of cruising levels based on magnetic tracks is applied in accordance with the table below.

5.2 The following cruising levels shall be applied in the Finnish airspace:

Magneettinen lentosuunta / Magnetic track											
000° - 179°						180° - 359°					
IFR-lennot / IFR flights			VFR-lennot / VFR flights			IFR-lennot / IFR flights			VFR-lennot / VFR flights		
FL	Korkeusmittarin näyttämä Altitude indication		FL	Korkeusmittarin näyttämä Altitude indication		FL	Korkeusmittarin näyttämä Altitude indication		FL	Korkeusmittarin näyttämä Altitude indication	
	FT	M		FT	M		FT	M		FT	M
010	1 000	300				020	2 000	600			
030	3 000	900	035	3 500	1 050	040	4 000	1 200	045	4 500	1 350
050	5 000	1 500	055	5 500	1 700	060	6 000	1 850	065	6 500	2 000
070	7 000	2 150	075	7 500	2 300	080	8 000	2 450	085	8 500	2 600
090	9 000	2 750	095	9 500	2 900	100	10 000	3 050	105	10 500	3 200
110	11 000	3 350	115	11 500	3 500	120	12 000	3 650	125	12 500	3 800
130	13 000	3 950	135	13 500	4 100	140	14 000	4 250	145	14 500	4 400
150	15 000	4 550	155	15 500	4 700	160	16 000	4 900	165	16 500	5 050
170	17 000	5 200	175	17 500	5 350	180	18 000	5 500	185	18 500	5 650
190	19 000	5 800	195	19 500	5 950	200	20 000	6 100			
210	21 000	6 400				220	22 000	6 700			
230	23 000	7 000				240	24 000	7 300			
250	25 000	7 600				260	26 000	7 900			
270	27 000	8 250				280	28 000	8 550			
290	29 000	8 850				300	30 000	9 150			
310	31 000	9 450				320	32 000	9 750			
330	33 000	10 050				340	34 000	10 350			
350	35 000	10 650				360	36 000	10 950			
370	37 000	11 300				380	38 000	11 600			
390	39 000	11 900				400	40 000	12 200			
410	41 000	12 500				430	43 000	13 100			
450	45 000	13 700				470	47 000	14 350			
490	49 000	14 950				510	51 000	15 550			
530	53 000	16 150				550	55 000	16 750			
570	57 000	17 350				590	59 000	18 000			
610	61 000	18 600				630	63 000	19 200			
650	65 000	19 800				670	67 000	20 400			
jne. etc.	jne. etc.	jne. etc.				jne. etc.	jne. etc.	jne. etc.			

5.3 Lentokorkeuksien määrättyä vastaavuutta lentosuuntiin ei kuitenkaan sovelleta, kun muulla tavoin on

- esitetty AIP:n ATS-reittitaulukossa (ENR 3.3, sarake 5); tai
- annettu lennonjohtoselvityksessä.

5.4 VFR-matkalentojen vaakalento-osalla lennettäessä lentokorkeudella 1500 M (5000 FT) meren pinnasta tai 900 M (3000 FT) maan tai veden pinnasta, riippuen siitä kumpi on ylempänä, sekä tämän korkeuden yläpuolella on noudatettava kohdan "VFR-lennot" edellyttämiä lentopintoja.

Ilmatilaluokissa B tai C on noudatettava kohdan "IFR-lennot" mukaisia lentosuuntien edellyttämiä lentopintoja.

Nämä määräykset eivät kuitenkaan koske lentoja moottoritomilla ilma-aluksilla eivätkä ole voimassa silloin, kun lennonjohtoselvityksessä toisin osoitetaan tai Liikenteen turvallisuusvirasto on muuta määrännyt.

5.3 However, the correlation of levels to track shall not apply, when otherwise

- specified in AIP ATS route table (ENR 3.3, column 5); or
- indicated in air traffic control clearance:

5.4 VFR flights in level cruising flight at or above either 1500 M (5000 FT) from the mean sea level or 900 M (3000 FT) from ground or water, whichever is higher, and above this level shall be conducted at a flight level appropriate to the tracks as specified in column "VFR flights".

Flights operated within airspace classes B or C shall be conducted at a flight level appropriate to the track as specified in column "IFR flights".

These provisions do not apply to non-power driven aircraft and in cases when otherwise instructed in the ATC clearance or prescribed by the Finnish Transport Safety Agency.

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2.1.2 ACC SECTOR

Airspace designation Lateral limits	Vertical limits	Airspace class	ATS call sign Languages FREQ MHZ	Hours of applicability	RMK
1	2	3	4	5	6
EF ACC SECT A 604913N 0244656E - 604951N 0252909E - 604624N 0253804E - 604132N 0255030E - 602708N 0260800E - 602016N 0263055E - 601954N 0273741E - 601324N 0272724E - 601201N 0271735E - 600800N 0263300E - 595300N 0255200E - 595430N 0252000E - 595300N 0245100E - 594200N 0235931E - 595447N 0234928E - 600137N 0235214E - 600813N 0235455E - 602104N 0240012E - 602652N 0240237E - 604433N 0242908E - 604723N 0243954E - 604913N 0244656E			TAMPEREEN TUTKA TAMPERE RADAR EN, FI 127.425	H24	
EF ACC SECT B 600137N 0235214E - 595447N 0234928E - 594201N 0235930E - 590000N 0210000E - 590846N 0204430E - 600137N 0235214E			TAMPEREEN TUTKA TAMPERE RADAR EN, FI 125.225	H24	
EF ACC SECT C 600813N 0235455E - 600137N 0235214E - 590846N 0204430E - 593316N 0195955E - 595350N 0223613E - 600813N 0235455E			TAMPEREEN TUTKA TAMPERE RADAR EN, FI 132.675	H24	
EF ACC SECT D 602104N 0240012E - 600813N 0235455E - 595350N 0223613E - 593316N 0195955E - 593346N 0195859E - 594722N 0193954E - 595303N 0195603E - 600643N 0215359E - 601354N 0225727E - 602104N 0240012E			TAMPEREEN TUTKA TAMPERE RADAR EN, FI 121.300	H24	
EF ACC SECT E 611443N 0243524E - 604723N 0243954E - 604433N 0242908E - 602652N 0240237E - 602104N 0240012E - 601354N 0225727E - 600643N 0215359E - 602319N 0212309E - 603316N 0212103E - 604359N 0213509E - 604627N 0220801E - 604626N 0221707E - 610546N 0225339E - 610251N 0230418E - 610342N 0232209E - 610548N 0235502E - 611443N 0243524E			TAMPEREEN TUTKA TAMPERE RADAR EN, FI 134.575	H24	
EF ACC SECT F 621134N 0194336E - 614635N 0211024E - 615041N 0213440E - 613130N 0223015E - 612857N 0223728E - 612919N 0224023E - 611010N 0223731E - 610546N 0225339E - 604626N 0221708E - 604627N 0220801E - 604359N 0213509E - 603316N 0212103E - 602319N 0212309E - 600643N 0215359E - 595550N 0201845E - 595303N 0195603E - 594722N 0193954E - 600400N 0191609E - 601130N 0190512E - 601803N 0190756E - 614000N 0193000E - 621134N 0194336E			TAMPEREEN TUTKA TAMPERE RADAR EN, FI 132.725	H24	

Airspace designation Lateral limits	Vertical limits	Airspace class	ATS call sign Languages FREQ MHZ	Hours of applicability	RMK
1	2	3	4	5	6
EF ACC SECT G 640324N 0235855E - 634742N 0245226E - 634331N 0245216E - 631529N 0245114E - 631302N 0243759E - 630006N 0240449E - 623741N 0233957E - 622753N 0233304E - 620455N 0240521E - 615655N 0240258E - 614307N 0240755E - 613600N 0243552E - 611443N 0243524E - 611004N 0241412E - 610548N 0235502E - 610342N 0232209E - 610251N 0230418E - 610546N 0225339E - 611010N 0223731E - 612919N 0224023E - 612857N 0223728E - 613336N 0222416E - 615041N 0213440E - 614635N 0211024E - 621134N 0194336E - 631000N 0201000E - 632830N 0204000E - 633620N 0212559E - 633700N 0213000E - 635136N 0214844E - 635553N 0223723E - 640001N 0232747E - 635824N 0235142E - 640324N 0235855E			TAMPEREEN TUTKA TAMPERE RADAR EN, FI 127.100	H24	
EF ACC SECT H 665714N 0290216E - jatkuen pitkin Venäjän valtion rajaa pistee- seen / <i>further along the Russian state border</i> <i>to the point</i> 650338N 0293737E - 643228N 0275621E - 642723N 0265318E - 641713N 0264131E - 640845N 0264523E - 640209N 0262558E - 634331N 0245216E - 634742N 0245226E - 640324N 0235855E - 635824N 0235142E - 640001N 0232747E - 635553N 0223723E - 635136N 0214844E - 653148N 0240824E - jatkuen pitkin Ruotsin valtion rajaa pistee- seen / <i>further along the Swedish state bor-</i> <i>der to the point</i> 663422N 0235321E - 663511N 0244642E - 664623N 0250847E - 665751N 0254242E - 665718N 0261930E - 665117N 0263917E - 663942N 0264808E - 665714N 0290216E			TAMPEREEN TUTKA TAMPERE RADAR EN, FI 124.200	H24	

Airspace designation Lateral limits	Vertical limits	Airspace class	ATS call sign Languages FREQ MHZ	Activity time	RMK
1	2	3	4	5	6
EFMA TMA 603333N 0200601E - 602936N 0202419E - 601753N 0203755E - 594359N 0200838E - 594141N 0194756E - 600359N 0191608E - 603033N 0193917E - 603333N 0200601E	<u>FL 95</u> 1300 FT MSL	D	MAARIANHAMINAN TORN MARIEHAMN TOWER EN, FI 119.600	HO	RMZ H24
EFMI FIZ UPPER 615453N 0265049E - 614201N 0275719E - 613554N 0280521E - 612642N 0275702E - 612014N 0273528E - 613318N 0262942E - 614222N 0262940E - 615453N 0265049E	<u>FL 95</u> 1700 FT MSL	G	MIKKELI AFIS EN, FI 123.000	HO	RMZ H24
EFOU TMA 652421N 0251101E - 645947N 0261830E - 644645N 0261845E - 643016N 0255504E - 642712N 0254036E - 642539N 0250124E - 643210N 0244818E - 644001N 0243123E - 645428N 0241313E - 650643N 0241132E - 651817N 0242453E - 652421N 0251101E	<u>FL 95</u> 1700 FT MSL	D	OULUN TUTKA OULU RADAR EN, FI 118.150	HO	RMZ H24
EFPO TMA EAST 613130N 0223015E - 612857N 0223728E - 612919N 0224023E - 611010N 0223731E - 611036N 0223554E - 610909N 0222702E - 613130N 0223015E	<u>FL 95</u> FL 65	D	PORIN TUTKA PORI RADAR EN, FI 128.650	HO	RMZ H24
EFPO TMA WEST 615041N 0213440E - 613130N 0223015E - 610909N 0222702E - 610336N 0215334E - 612241N 0205802E - 613826N 0205819E - 614635N 0211024E - 615041N 0213440E	<u>FL 95</u> 1700 FT MSL	D	PORIN TUTKA PORI RADAR EN, FI 128.650	HO	RMZ H24
EFRO TMA 665751N 0254242E - 665718N 0261930E - 665117N 0263917E - 663942N 0264808E - 662916N 0263825E - 660706N 0260331E - 660320N 0251700E - 661038N 0245456E - 661120N 0244203E - 662732N 0244120E - 663511N 0244642E - 664623N 0250847E - 665751N 0254242E	<u>FL 95</u> 2000 FT MSL	C	ROVANIEMEN TUTKA ROVANIEMI RADAR EN, FI 129.900	H24	
EFSA FIZ UPPER 621929N 0284256E - 615749N 0294723E - 614612N 0294459E - 613806N 0293228E - 613332N 0290956E - 615009N 0282123E - 621248N 0281948E - 621929N 0284256E	<u>FL 95</u> 1900 FT MSL	G	SAVONLINNA AFIS EN, FI 118.800	HO	RMZ H24
EFSS FIZ UPPER 630422N 0224357E - 623741N 0233957E - 622753N 0233304E - 622058N 0231716E - 621914N 0230300E - 624537N 0221554E - 630151N 0222317E - 630422N 0224357E	<u>FL 95</u> 2000 FT MSL	G	SEINÄJOKI AFIS EN, FI 123.600	HO	RMZ H24
EFTP TMA EAST 614324N 0234508E - 614307N 0240755E - 613600N 0243552E - 611443N 0243524E - 610548N 0235502E - 610342N 0232209E - 610640N 0230829E - 612126N 0225328E - 613145N 0225407E - 614324N 0234508E	<u>FL 95</u> 2000 FT MSL	C	PIRKKALAN TUTKA PIRKKALA RADAR EN, FI 126.200	H24	
EFTP TMA WEST 613145N 0225407E - 612126N 0225328E - 610640N 0230829E - 610342N 0232209E - 610251N 0230418E - 611010N 0223731E - 612919N 0224023E - 613012N 0224727E - 613145N 0225407E	<u>FL 95</u> FL 65	C	PIRKKALAN TUTKA PIRKKALA RADAR EN, FI 126.200	H24	

Airspace designation Lateral limits	Vertical limits	Airspace class	ATS call sign Languages FREQ MHZ	Activity time	RMK
1	2	3	4	5	6
EFTU TMA 604627N 0220801E - 604618N 0225250E - 603804N 0230956E - 602806N 0231129E - 601354N 0225727E - 600643N 0215359E - 602319N 0212309E - 603316N 0212103E - 604359N 0213509E - 604627N 0220801E	<u>FL 95</u> 1700 FT MSL	D	TURUN TUTKA TURKU RADAR EN, FI 120.475	H24	
EFUT TMA 610500N 0272534E - 604928N 0274312E - 604328N 0274513E - 603514N 0262550E - 604328N 0260733E - 605313N 0260303E - 605602N 0260525E - 605852N 0262951E - 610347N 0271410E - 610500N 0272534E	<u>FL 95</u> 1800 FT MSL	D	UTIN TORNI UTTI TOWER EN, FI 130.800	HO	RMZ H24
EFVA TMA 633348N 0213523E - 632906N 0215245E - 632527N 0220725E - 630658N 0221953E - 630151N 0222317E - 624537N 0221554E - 623903N 0221257E - 623610N 0215155E - 624034N 0212353E - 625628N 0205859E - 631612N 0210010E - 632704N 0211759E - 633348N 0213523E	<u>FL 95</u> 1800 FT MSL	D	VAASAN TORNI VAASA TOWER EN, FI 120.950	HO	RMZ H24

Airspace designation Lateral limits	Vertical limits	Airspace class	ATS call sign Languages FREQ MHZ	Activity time	RMK
1	2	3	4	5	6
ENKR TMA CENTER 694521N 0284802E - 694344N 0285709E - jatkuun pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point 694036N 0290814E - 693834N 0291022E - 693453N 0291414E - jatkuun pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point 692353N 0291143E - 692254N 0290934E - 693804N 0283906E - 693916N 0284034E - 694521N 0284802E	<u>FL 95</u> 2500 FT MSL	C	KIRKENES TOWER EN 120.350	MON-FRI 0350-2350, SAT 0630-1430, SUN 0900-2350 UTC During summertime period: MON-FRI 0250-2250, SAT 0530-1330, SUN 0800-2250 UTC	ATS delegated to Norway Exceptional activity times published by NOTAM. TMZ HO RMZ H24
ENKR TMA WEST 693804N 0283906E - 692254N 0290934E - 692031N 0290425E - 692120N 0284510E - 692414N 0283218E - 692925N 0282838E - 693804N 0283906E	<u>FL 95</u> 4500 FT MSL	C	KIRKENES TOWER EN 120.350	MON-FRI 0350-2350, SAT 0630-1430, SUN 0900-2350 UTC During summertime period: MON-FRI 0250-2250, SAT 0530-1330, SUN 0800-2250 UTC	ATS delegated to Norway Exceptional activity times published by NOTAM. TMZ HO RMZ H24

ENR 3.3 RNAV-REITIT**1. SUUNNISTUSKYKYVAATIMUKSET**

RNAV-reitit Suomessa edellyttävät RNAV 5 kyvykkyyttä. Sensoreista tuettuina ovat vain GNSS ja DME/DME.

2. PYSYVÄT REITIT (PERM)

2.1 Pysyvä ATS-reittiverkosto muodostuu kaikista pysyväisluontoisesti määritellyistä reiteistä, joita päivittäinen hallinta ei koske ja jotka voidaan sulkea vain erityisten olosuhteiden vallitessa hyvissä ajoin AIP Supplementilla, NOTAMilla, tms. annetulla ennakoilmoituksella (esim. laajat sotaharjoitukset).

2.2 Ennakkotieto pysyvien reittien sulkemisesta julkaistaan aina AIS-julkaisulla (AIP SUP, NOTAM). Varsinainen pysyvän reitin sulkeminen julkaistaan AUP:ssa/UUP:ssa. Tilapäisesti reitin käytettävyyttä voidaan joutua rajoittamaan myös pysyvien rajoitus- tai vaara-alueiden aktivoinnin takia. Rajoitus- tai vaara-alueiden aktivoinnin vaikutus reitin käytettävyyteen on ilmoitettu sarakkeessa 8.

2.3 Mikäli tilapäiset ilmatilavaraukset vaikuttavat käytettävissä oleviin PERM-luokan RNAV ATS -reitteihin, ATC antaa tutkapalvelua aktiivisten alueiden väistämiseksi.

3. EHDOLLISET REITIT (CDR)

Huom.: Ks. myös osa ENR 1.9.

3.1 Ehdolliset reitit (Conditional Routes - CDR) on määritetty täydentämään pysyvää reittiverkostoa ja mahdollistamaan lennonsuunnittelun sellaisilla ATS-reiteillä tai niiden osuuksilla, jotka eivät ole aina käytettävissä. Ehdollisia reittejä perustetaan yleensä kulkemaan sellaisten alueiden lävitse, jotka saattavat olla tilapäisesti varattuja. Tällaisista alueista käytetään yleistä nimitystä 'AMC:n hallitsemat alueet' (AMC-Manageable Areas).

Huom.: Termi 'AMC-Manageable Areas' sisältää tilapäiset erillisvarausalueet (TSA), tilapäiset ilmatilavarausalueet (TRA) ja lentotiedotusalueiden rajojen yli tapahtuvan ilmatilan käytön alueet (CBA), jotka on kuvattu osassa ENR 5.2.

3.2 Ehdolliset reitit jaetaan kolmeen eri luokkaan niiden ennakoidun käytettävyyden, lentosuunnitelman esittämismahdollisuuksien ja AMC:n hallitsemien alueiden odotetun aktiivisuustason mukaisesti seuraavasti:

Huom.: Ehdollinen reitti voidaan perustaa siten, että sen käyttö on määritelty yhteen tai useampaan alla kuvattuun luokkaan.

3.2.1 Luokka 1 (CDR 1)

CDR 1 -reitit ovat käytettävissä pysyvästi lennonsuunnitelmaan AIP:ssa julkaistujen aikojen mukaisesti.

ENR 3.3 AREA NAVIGATION (RNAV) ROUTES**1. NAVIGATION SPECIFICATION**

RNAV routes in Finland require RNAV 5 capability. Supported sensors are only GNSS and DME/DME.

2. PERMANENT ROUTES (PERM)

2.1 The current permanent ATS route network consists of all permanently designated routes which are not subject to daily management and which can only be closed under specific conditions known well in advance e.g. by AIP SUP or NOTAM, for large scale military exercises.

2.2 The advance information of the closure of permanent routes will always be promulgated by an AIS publication (AIP SUP, NOTAM). The actual permanent closure will be published by AUP/UUP. Temporarily the route availability may also be subject to restrictions due to the activation of permanent restricted or danger areas. The activation effect to the route availability is given in column 8.

2.3 When the available PERM category RNAV ATS routes are affected by temporarily reserved airspace, radar vectoring on ATC instructions is provided to avoid active areas.

3. CONDITIONAL ROUTES (CDR)

Note: See section ENR 1.9 also.

3.1 Conditional Routes (CDR) are designed to complement the permanent ATS route network and to allow flights to be planned on ATS routes, or portions thereof, that are not always available. CDR are generally established through areas of potential temporary allocation identified under the generic term 'AMC-Manageable Areas' (including TSA and manageable R and D areas).

Note: The term 'AMC - Manageable Areas' includes temporary segregated areas (TSA), temporary reserved airspace (TRA) and Cross Border Areas (CBA) described in section ENR 5.2.

3.2 CDR are divided into three different categories according to their foreseen availability, their flight planning potential and the anticipated level of activity of the associated AMC-Manageable Areas. The following three categories are in use:

Note: A CDR can be established in one or more of the three categories described below.

3.2.1 Category one (CDR 1)

CDR 1 are permanently plannable during the times published in AIP.

- CDR 1 -reitit ovat reittejä, joiden oletetaan olevan useimmiten käytettävissä AIP:ssa julkaistuina aikoina.
 - CDR 1 -reittejä voidaan käyttää lennonsuunnittelussa niiden AIP:ssa ilmoitettuna voimassaoloaikoina kuten pysyviäkin ATS-reittejä.

- Kaikista CDR 1 -reittien käytettävyyteen kohdistuvista ennakoitavista rajoituksista ilmoitetaan asianmukaisesti silloin, kun ilmoittaminen on tarkoituksenmukaista.

3.2.2 Luokka 2 (CDR 2)

CDR 2 -reitit eivät ole pysyväisluontoisesti käytettävissä lennonsuunnitteluun.

- CDR 2 -reitit ovat osa ennalta määriteltyä reitityssuunnitelmaa, joka reagoi ilmatilan käytettävyyden muutoksiin
 - Lentoja saa suunnitella (FPL) CDR 2 -reittejä pitkin ainoastaan päivittäin julkaistavien ehtojen (ks. huomautus alla) mukaisesti
 - CDR 2 -reittien käyttäminen RPL:ssä ei ole mahdollista.

Huom.: Nämä ehdot julkaisee päivittäin ilmaliikennevirtojen keskussäätely-yksikkö (NMOC) Eurooppalaisella ilmatilankäyttösuunnitelmalla (European Airspace Use Plan, EAUP) tai Eurooppalaisella päivitetyllä ilmatilankäyttösuunnitelmalla (European Updated Airspace Use Plan, EUUP), jotka sisältävät listauksen niistä CDR 2 -reiteistä, jotka tulevat käytettäviksi lennonsuunnittelussa.

3.2.3 Luokka 3 (CDR 3)

CDR 3 -reitit eivät ole käytettävissä lennonsuunnitteluun.

Huom.: Suomen lentotiedotusalueelle ei ole perustettu CDR 3 -reittejä.

- CDR 3 -reitit julkaistaan AIP:ssa käytettäväksi ainoastaan ATC:n ohjeiden mukaisesti
 - CDR 3 -reittien käyttö tapahtuu ATC:n ohjeiden mukaisesti vain hieman etukäteen annettavan reititysehdotuksen avulla.

4. EUROOPPALAINEN ILMATILANKÄYTÖSUUNNITELMA (EUROPEAN AIRSPACE USE PLAN, EAUP)

4.1 Eurooppalaisen ilmatilankäyttösuunnitelman (EAUP) julkaisee päivittäin Brysselissä sijaitseva NMOC/CADF-yksikkö. EAUP:n sisältö perustuu kansallisilta ilmatilahallintayksiköiltä (AMC) tai CBA-alueelle nimetyltä Lead-AMC-yksiköltä saatuun tietoon.

4.2 EAUP julkaistaan päivittäin klo 1600 UTC mennessä ja se kattaa 24 tunnin pituisen ajanjakson alkaen seuraavasta aamusta klo 0600 UTC ja päättyen sitä seuraavan päivän aamuun klo 0600 UTC.

- CDR 1 are routes which are expected to be available for most of the time during the time periods published in AIP.
 - CDR 1 will be flight planned in the same way as permanent ATS routes during the times published in AIP.

- Any foreseen unavailability of CDR 1 will, when practicable, be properly notified.

3.2.2 Category two (CDR 2)

CDR 2 are Non-Permanently Plannable routes.

- CDR 2 are part of predefined routing scenarios which respond to specific capacity imbalances
 - Flights may only be planned (in FPL) on CDR 2 in accordance with conditions (see the note below) published daily
 - CDR 2 cannot be planned in RPL.

Note: These conditions are stated daily in the European Airspace Use Plan (EAUP) or European Updated Airspace Use Plan (EUUP) issued by the NMOC. EAUP or EUUP contains a list of those CDR 2 routes which become available for flight planning purposes.

3.2.3 Category three (CDR 3)

CDR 3 are Not Plannable routes.

Note: There are no CDR 3 established within the Finnish flight information region.

- CDR 3 are published in AIP as CDR useable on ATC instructions only
 - Flights will be rerouted on CDR 3 on ATC instructions as short notice routing proposals.

4. EUROPEAN AIRSPACE USE PLAN (EAUP)

4.1 The European Airspace Use Plan is issued daily by NMOC/CADF unit in Brussels based on the information received from the national Airspace Management Cells (AMC) or appointed Lead AMC.

4.2 EAUP is published daily by 1600 UTC to cover the 24 hours time period between 0600 UTC the next day to 0600 UTC the day after.

4.3 Eurooppalainen päivitetty ilmatilankäyttösuunnitelma (European Updated Airspace Use Plan, EUUP)

4.3.1 Toimintaa edeltävänä päivänä (D-1) julkaistua EAUP:ta voidaan tarvittaessa päivittää julkaisemalla erillisen aikataulun mukaisesti Eurooppalainen päivitetty ilmatilankäyttösuunnitelma (EUUP). EUUP:n sisältö perustuu kansallisilta ilmatilahallintayksiköiltä (AMC) tai CBA-alueelle nimetyltä Lead-AMC-yksiköltä saatuun tietoon.

4.3.2 EUUP astuu voimaan erillisen aikataulun mukaisesti aina tasatunnein korvaten tällöin aiemmin julkaistun EAUP:n tai EUUP:n kokonaisuudessaan.

4.4 EAUP:n ja EUUP:n julkaisu ja sisältö

4.4.1 EAUP ja EUUP julkaistaan NMOC:n NOP (Network Operations Portal) verkkosivuilla.

4.4.2 EAUP/EUUP sisältää pääasiallisesti listan niistä CDR 2 -reiteistä tai niiden osista, joita on mahdollista, suunnitelmassa annettujen aikojen mukaisesti, käyttää lennon suunnitteluun. EAUP /EUUP saattaa, tilanteesta riippuen, sisältää myös tiedon CDR 1-reittien sulkemisesta, samoin kuin minkä tahansa muun pysyväsulkemisen ATS-reitin sulkemisesta.

4.3 European Updated Airspace Use Plan (EUUP)

4.3.1 The EAUP published on a day before activities (D-1) may be updated by publishing European Updated Airspace Use Plan (EUUP) according to separate schedule. Content of the EUUP is based on the information received from the national Airspace Management Cells (AMC) or appointed Lead AMC.

4.3.2 EUUP becomes valid on the hour according to separate schedule and it replaces the previously published EAUP or EUUP.

4.4 Content and publication of EAUP and EUUP

4.4.1 EAUP and EUUP are published on the NMOC NOP (Network Operations Portal) webpage.

4.4.2 EAUP/EUUP contains mainly a list of Category 2 CDR, or portion(s) thereof, now available for flight planning purposes. It may also contain, when applicable, information on CDR 1 closures, as well as any other closure of a permanent ATS route.

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RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
L24 RNAV 5 RTE total LEN: 251.0 NM							
C OLEMA (FIR BDRY) 601400N 0272830E							
	<u>262</u> 081	28.1	<u>FL 660</u> FL 95	C		Odd	R56 ACT RTE EXTD: 3NM R57 ACT RTE EXTD: 5NM R58 ACT RTE EXTD: 7NM For continuation, see AIP Russia. PERM Tampere ACC 127.425
R RATMU 601416N 0263209E	<u>271</u> 091	4.1	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 127.425
R ARVEP 601458N 0262357E	<u>271</u> 090	48.4	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 127.425
R EVIRO 602230N 0244754E	<u>273</u> 093	22.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.425, 134.575
R MAROM 602652N 0240237E	<u>255</u> 075	5.0	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.425, 134.575
R LAKUT 602617N 0235235E	<u>259</u> 079	37.3	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 134.575
R PEKUX 602419N 0223732E	<u>259</u> 078	38.3	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 134.575, 132.725
R IBVUT 602135N 0212040E	<u>258</u> 077	67.0	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.725 For continuation, see AIP Sweden.
R EVLAN (FIR BDRY) 601508N 0190643E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
L57 RNAV 5 RTE total LEN: 193.7 NM							
R RUNGA (FIR BDRY) 594459N 0194327E							
	<u>077</u> 259	99.5	<u>FL 660</u> FL 285	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 132.675, 121.300
R ABSER 595350N 0225948E							PERM Tampere ACC 127.425, 125.225, 132.675 D101 ACT RTE EXTD: 3NM D102 ACT RTE EXTD: 3NM D103 ACT RTE EXTD: 2NM D104 ACT RTE EXTD: 2NM R101 ACT RTE EXTD: 7NM R102 ACT RTE EXTD: 10NM R103 ACT RTE EXTD: 10NM R104 ACT RTE EXTD: 10NM R105 ACT RTE EXTD: 5NM R106 ACT RTE EXTD: 2NM R67 ACT RTE EXTD: 2NM R76 ACT RTE EXTD: 5NM R77 ACT RTE EXTD: 5NM For continuation, see AIP Russia.
	<u>078</u> 260	94.1	<u>FL 660</u> FL 285	C		Even	
C LEDUN (FIR BDRY) 595830N 0260642E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
L77 RNAV 5 RTE total LEN: 99.9 NM							
C PETOT (FIR BDRY) 593040N 0230831E							
	<u>268</u> 087	48.5	<u>FL 660</u> FL 95	C	Even		D108 ACT RTE EXTD: 2NM D109 ACT RTE EXTD: 10NM R108 ACT RTE EXTD: 2NM R109 ACT RTE EXTD: 10NM R85 ACT RTE EXTD: 2NM For continuation, see AIP Estonia. CDR 1 H24 Tampere ACC 125.225, 132.675
R OLPED 593459N 0213339E	<u>268</u> 087	51.5	<u>FL 660</u> FL 95	C	Even		CDR 1 H24 Tampere ACC 132.675, 121.300 R87 ACT RTE EXTD: 5NM For continuation, see AIP Sweden.
R LUPET (FIR BDRY) 593825N 0195235E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
L80 RNAV 5 RTE total LEN: 149.3 NM							
R LAKUT							
602617N 0235235E	<u>296</u> 116	6.0	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 134.575
R AMROT							
602938N 0234233E	<u>296</u> 115	38.8	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 134.575
R UXADA							
605100N 0223648E	<u>295</u> 115	13.1	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 134.575, 132.725
R DISIB							
605807N 0221414E	<u>295</u> 115	5.1	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.725
R ERAKO							
610051N 0220526E	<u>295</u> 114	86.3	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.725 R89 ACT RTE EXTEND: 2NM For continuation, see AIP Sweden.
R TOGMI (FIR BDRY)							
614543N 0193225E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
L85 RNAV 5 RTE total LEN: 184.1 NM							
R VEKUV 625847N 0274850E							
R NANIP 632146N 0271936E	<u>320</u> 139	26.6	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 132.325
R BAVMO 635658N 0263301E	<u>319</u> 139	41.0	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 132.325
R ABKEM 642855N 0254841E	<u>319</u> 138	37.5	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 124.200, 132.325
R BEXUL (FIR BDRY) 653534N 0240914E	<u>318</u> 137	79.0	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 124.200 For continuation, see AIP Sweden.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
L87 RNAV 5 RTE total LEN: 320.4 NM							
R KELAS (FIR BDRY) 602807N 0191033E							
	<u>060</u> 240	58.7	<u>FL 660</u> FL 95	C		Even	R110 ACT RTE EXTD: 10NM For continuation, see AIP Sweden. PERM Tampere ACC 132.725
R INSOB 605118N 0210007E							
	<u>061</u> 242	51.3	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.725 R110 ACT RTE EXTD: 3NM R113 ACT RTE EXTD: 3NM
R AMUPO 610957N 0223817E							
	<u>062</u> 245	210.4	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 132.725, 127.100, 123.775, 132.325, 135.525
R ETOBA 621120N 0294040E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
L732 RNAV 5 RTE total LEN: 115.5 NM							
C DOBAN (FIR BDRY) 594758N 0242709E R UVEMO 610533N 0235058E R GEMKU 613903N 0232551E							
	<u>339</u> 158	79.8	<u>FL 660</u> FL 95	C	Even	Odd	D104 ACT RTE EXTD: 2NM D105 ACT RTE EXTD: 5NM D106 ACT RTE EXTD: 3NM R104 ACT RTE EXTD: 2NM R105 ACT RTE EXTD: 10NM R106 ACT RTE EXTD: 2NM R75 ACT RTE EXTD: 5NM R76 ACT RTE EXTD: 3NM R77 ACT RTE EXTD: 7NM For continuation, see AIP Estonia. PERM Tampere ACC 127.425, 134.575, 127.100
	<u>332</u> 152	35.7	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
M6 RNAV 5 RTE total LEN: 678.1 NM							
R NISIX (FIR BDRY) 591907N 020554E	<u>058</u> 238	16.6	<u>FL 660</u> FL 285	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 132.675
R OBEVI 592608N 0205523E	<u>058</u> 239	21.4	<u>FL 660</u> FL 285	C		Even	PERM Tampere ACC 132.675
R OLPED 593459N 0213339E	<u>059</u> 239	20.0	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.675 R109 ACT RTE EXT D: 2NM R84 ACT RTE EXT D: 3NM R85 ACT RTE EXT D: 2NM
R EKNID 594300N 0220945E	<u>059</u> 239	27.5	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.675 R108 ACT RTE EXT D: 2NM R80 ACT RTE EXT D: 2NM R83 ACT RTE EXT D: 2NM R84 ACT RTE EXT D: 5NM R85 ACT RTE EXT D: 3NM
R ABSER 595350N 0225948E	<u>059</u> 240	29.3	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 127.425, 132.675 R80 ACT RTE EXT D: 2NM R83 ACT RTE EXT D: 3NM
R NUNTO 600501N 0235337E	<u>049</u> 229	32.2	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 127.425
R EVIRO 602230N 0244754E	<u>046</u> 226	18.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425
R ULTSI 603259N 0251727E	<u>048</u> 228	17.8	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 127.425
R IDEPI 604239N 0254739E	<u>026</u> 206	26.2	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 127.425, 136.650
R TUSBI 610405N 0261823E	<u>026</u> 206	26.2	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 136.650
R ADOPO 612524N 0264950E	<u>011</u> 191	27.6	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 136.650, 135.525
R REBGO 615109N 0271030E	<u>011</u> 191	4.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R UDVIM 615542N 0271413E	<u>011</u> 191	9.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R OLGUB 620456N 0272149E							
RTE M6 continues on page ENR 3.3 - 13							

<i>RTE M6 continues</i>							
R OLGUB 620456N 0272149E	<u>011</u> 191	22.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R SOSIP 622611N 0273939E	<u>011</u> 191	8.4	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325, 135.525
R ATLUL 623357N 0274617E	<u>346</u> 166	7.7	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R TITIV 624134N 0274508E	<u>346</u> 165	43.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R UGLUM 632455N 0273827E	<u>357</u> 177	32.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R ETROD 635705N 0274819E	<u>304</u> 124	20.3	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.325 R114 ACT RTE EXTD: 2NM
R ASRIS 641123N 0271540E	<u>304</u> 124	16.7	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.325
R UBIGA 642305N 0264818E	<u>304</u> 123	23.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 124.200, 132.325
R UGMOR 643940N 0260830E	<u>309</u> 128	26.2	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 124.200 R69 ACT RTE EXTD: 2NM
R EVSET 645915N 0252804E	<u>308</u> 128	12.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 124.200
R RIBVU 650850N 0250745E	<u>350</u> 170	15.1	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 124.200
R ASLUP 652355N 0250741E	<u>350</u> 169	42.7	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 124.200
R NEPIX 660630N 0250727E	<u>011</u> 191	23.2	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R ULROM 662806N 0252813E	<u>346</u> 165	23.8	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 124.200, 126.100
R OSLIT 665145N 0252423E	<u>345</u> 165	25.8	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 126.100
R TUGPU 671726N 0252004E	<u>319</u> 138	22.6	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 126.100
R GITEV 673648N 0245018E	<u>329</u> 149	31.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 126.100
R EXUTI 680638N 0242059E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
M607 RNAV 5 RTE total LEN: 43.7 NM							
R MISMO (FIR BDRY) 661029N 0234910E							
	<u>055</u> 235	23.4	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Sweden. PERM Tampere ACC 124.200
R NEMGU 662024N 0244139E							
	<u>057</u> 237	9.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R APTEN 662412N 0250422E							
	<u>057</u> 237	10.3	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R ULROM 662806N 0252813E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
M611 RNAV 5 RTE total LEN: 188.6 NM							
C BALTI (FIR BDRY) 595415N 0251506E							
	<u>037</u> 217	21.0	<u>FL 660</u> FL 95	C	Odd	Even	D101 ACT RTE EXTD: 5NM R101 ACT RTE EXTD: 5NM R67 ACT RTE EXTD: 2NM For continuation, see AIP Estonia. PERM Tampere ACC 127.425
R IRLOT 600859N 0254450E	<u>032</u> 213	57.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425, 136.650
R ROKVI 605139N 0270123E	<u>030</u> 210	17.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650
R OTKAP 610446N 0272323E	<u>034</u> 214	53.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650, 135.525 R61 ACT RTE EXTD: 2NM
R ABMAX 614325N 0284117E	<u>034</u> 215	39.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R ETOBA 621120N 0294040E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
M613 RNAV 5 RTE total LEN: 77.0 NM							
C KELEK (FIR BDRY) 683012N 0282730E							
R ADEXU 684615N 0273711E	<u>299</u> 118	24.5	<u>FL 660</u> FL 95	C	Even	Odd	For continuation, see AIP Russia. PERM Tampere ACC 126.100
C ENEXI (FIR BDRY) 691951N 0254510E	<u>298</u> 117	52.5	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 126.100 For continuation, see AIP Norway.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
M745 RNAV 5 RTE total LEN: 155.0 NM							
R DOPUD (FIR BDRY) 680829N 0231918E							
	<u>048</u> 228	43.0	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Sweden. PERM Tampere ACC 126.100
R EVOLA 683040N 0245836E							
	<u>042</u> 223	94.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 126.100
R LAPMU 692445N 0283156E							
	<u>043</u> 223	17.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 126.100
C SIVNU (FIR BDRY) 693428N 0291416E							For continuation, see AIP Norway.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
M851 RNAV 5 RTE total LEN: 53.8 NM							
C OSTOT (FIR BDRY) 591715N 0221043E							
	<u>266</u> 085	53.8	<u>FL 660</u> FL 95	C		Odd	D109 ACT RTE EXTD: 10NM For continuation, see AIP Sweden. For continuation, see AIP Estonia. CDR 1 H24 Tampere ACC 125.225, 132.675
R NISIX (FIR BDRY) 591907N 0202554E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
M852 RNAV 5 RTE total LEN: 39.4 NM							
R MAGON (FIR BDRY) 664407N 0235332E							
R EVIMI 671506N 0245502E	<u>027</u> 208	39.4	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Sweden. CDR 1 H24 Tampere ACC 126.100
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
M854 RNAV 5 RTE total LEN: 177.1 NM							
C MOHNI (FIR BDRY) 595349N 0253506E							
R NITAS 601033N 0255829E	<u>026</u> 206	20.5	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Estonia. PERM Tampere ACC 127.425
R ROKVI 605139N 0270123E	<u>028</u> 208	51.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425, 136.650
C KETOL (FIR BDRY) 614800N 0300500E	<u>047</u> 228	105.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650 R61 ACT RTE EXTD: 2NM R62 ACT RTE EXTD: 2NM For continuation, see AIP Russia.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
M857 RNAV 5 RTE total LEN: 606.3 NM							
C BALTI (FIR BDRY) 595415N 0251506E							
	<u>348</u> 167	21.1	<u>FL 660</u> FL 95	C	Odd	Even	D101 ACT RTE EXTD: 5NM R101 ACT RTE EXTD: 10NM R64A ACT RTE EXTD: 2NM R64B ACT RTE EXTD: 5NM R65 ACT RTE EXTD: 2NM R66 ACT RTE EXTD: 3NM R67 ACT RTE EXTD: 10NM For continuation, see AIP Estonia. PERM Tampere ACC 127.425
R ULTIR 601514N 0251213E	<u>000</u> 180	18.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425
R ULTSI 603259N 0251727E	<u>349</u> 169	16.8	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 127.425, 123.775
R NAPUN 604941N 0251622E	<u>349</u> 169	7.5	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 123.775
R LUSEP 605708N 0251553E	<u>352</u> 172	20.1	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 123.775
R ERNUT 611710N 0251647E	<u>352</u> 172	20.1	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 123.775 R95 ACT RTE EXTD: 3NM
R IBOSU 613712N 0251743E	<u>352</u> 172	21.6	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.325
R BEPEM 615844N 0251843E	<u>352</u> 172	5.9	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.325
R ATSEN 620437N 0251900E	<u>352</u> 172	26.9	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.325
R GOSVA 623128N 0252017E	<u>352</u> 172	16.8	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.325
R ELSOV 624815N 0252107E	<u>352</u> 172	33.8	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.325
R XEVLO 632157N 0252249E	<u>352</u> 172	13.0	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.325
R ABOXU 633457N 0252329E							
R DODEP 634324N 0252356E	<u>352</u> 172	8.5	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.325
R OTBAR 635002N 0252416E							
RTE M857 continues on page ENR 3.3 - 21							

<i>RTE M857 continues</i>							
R	OTBAR 635002N 0252416E	<u>352</u> 171	36.7	<u>FL 660</u> FL 95	C		Odd PERM Tampere ACC 124.200, 132.325
R	MIKNU 642639N 0252614E	<u>351</u> 171	32.7	<u>FL 660</u> FL 95	C		Odd PERM Tampere ACC 124.200 R69 ACT RTE EXTD: 2NM
R	EVSET 645915N 0252804E	<u>351</u> 171	7.7	<u>FL 660</u> FL 95	C	Even	Odd PERM Tampere ACC 124.200 R69 ACT RTE EXTD: 3NM
R	GULDU 650658N 0252830E	<u>351</u> 171	11.0	<u>FL 660</u> FL 95	C	Even	Odd PERM Tampere ACC 124.200
R	UPEDU 651753N 0252908E	<u>351</u> 171	46.9	<u>FL 660</u> FL 95	C	Even	Odd PERM Tampere ACC 124.200
R	REIVI 660434N 0253154E	<u>000</u> 180	54.2	<u>FL 660</u> FL 95	C	Odd	Even PERM Tampere ACC 124.200
R	ROTKO 665738N 0255740E	<u>009</u> 189	25.9	<u>FL 660</u> FL 95	C	Odd	Even PERM Tampere ACC 124.200, 126.100 R115 ACT RTE EXTD: 3NM R116 ACT RTE EXTD: 3NM
R	AMUBA 672154N 0262012E	<u>009</u> 189	56.0	<u>FL 660</u> FL 95	C	Odd	Even PERM Tampere ACC 126.100 R115 ACT RTE EXTD: 3NM R116 ACT RTE EXTD: 2NM
R	SOTIT 681411N 0271140E	<u>004</u> 184	33.5	<u>FL 660</u> FL 95	C	Odd	Even PERM Tampere ACC 126.100 R119A ACT RTE EXTD: 2NM
R	ADEXU 684615N 0273711E	<u>004</u> 184	12.9	<u>FL 660</u> FL 95	C	Odd	Even PERM Tampere ACC 126.100
R	NEKUX 685834N 0274720E	<u>004</u> 184	43.1	<u>FL 660</u> FL 95	C	Odd	Even PERM Tampere ACC 126.100
R	RUNES 693939N 0282239E	<u>008</u> 188	8.8	<u>FL 660</u> FL 95	C	Odd	Even PERM Tampere ACC 126.100 For continuation, see AIP Norway.
R	ROVAN (FIR BDRY) 694750N 0283151E						
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
M983 RNAV 5 RTE total LEN: 24.3 NM							
C MOHNI (FIR BDRY) 595349N 0253506E							
	323 143	24.3	FL 660 FL 95	C	Even	Odd	R101 ACT RTE EXTD: 5NM R64B ACT RTE EXTD: 2NM R66 ACT RTE EXTD: 2NM R67 ACT RTE EXTD: 4NM For continuation, see AIP Estonia. PERM Tampere ACC 127.425
R ULTIR 601514N 0251213E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N2 RNAV 5 RTE total LEN: 32.4 NM							
R SOTIT 681411N 0271140E							
C KELEK (FIR BDRY) 683012N 0282730E	<u>047</u> 228	32.4	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Russia. PERM Tampere ACC 126.100
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N3 RNAV 5 RTE total LEN: 43.6 NM							
R DIVEG 625444N 0214317E							
R RASRU 631401N 0210002E	<u>307</u> 127	27.6	<u>FL 660</u> FL 285	C	Even	Odd	PERM Tampere ACC 127.100
R VALAK (FIR BDRY) 632507N 0203427E	<u>307</u> 126	16.0	<u>FL 660</u> FL 285	C	Even	Odd	PERM Tampere ACC 127.100 For continuation, see AIP Sweden.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N5 RNAV 5 RTE total LEN: 251.2 NM							
R BAKLA (FIR BDRY) 612145N 0192457E							
R ABOXU 633457N 0252329E	<u>042</u> 224	213.3	<u>FL 660</u> FL 285	C	Odd	Even	For continuation, see AIP Sweden. CDR 1 H24 Tampere ACC 132.725, 127.100, 132.325
R BAVMO 635658N 0263301E	<u>044</u> 225	38.0	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 132.325
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N8 RNAV 5 RTE total LEN: 286.0 NM							
R KOSKA (FIR BDRY) 591058N 0204034E							
	<u>020</u> 200	17.0	<u>FL 660</u> FL 95	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 132.675
R OBEVI 592608N 0205523E							
	<u>020</u> 200	52.6	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.675, 121.300, 134.575, 132.725 R87 ACT RTE EXTD: 5NM
R EMPOM 601252N 0214240E							
	<u>020</u> 201	216.5	<u>FL 660</u> FL 285	C		Even	CDR 1 H24 Tampere ACC 134.575, 132.725, 127.100, 132.325
R XEVLO 632157N 0252249E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N15 RNAV 5 RTE total LEN: 304.1 NM							
R BODRI (FIR BDRY) 622454N 0194927E	<u>053</u> 233	44.8	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Sweden. PERM Tampere ACC 127.100
R BUPEG 624711N 0211334E	<u>053</u> 233	15.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R DIVEG 625444N 0214317E	<u>054</u> 236	110.8	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 127.100, 132.325
R DODEP 634324N 0252356E	<u>056</u> 236	33.5	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 132.325
R BAVMO 635658N 0263301E	<u>042</u> 222	11.9	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 132.325
R ODRUB 640414N 0265422E	<u>042</u> 222	11.8	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 132.325
R ASRIS 641123N 0271540E	<u>042</u> 222	28.7	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 132.325
R IXUBI 642834N 0280821E	<u>042</u> 223	47.0	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 132.325 For continuation, see AIP Russia.
C GATRI (FIR BDRY) 645600N 0293700E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N85 RNAV 5 RTE total LEN: 341.0 NM							
R RUNGA (FIR BDRY) 594459N 0194327E							
R LIVLU 602035N 0212750E	<u>049</u> 229	63.4	<u>FL 660</u> FL 95	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 121.300, 132.725
R AGIVU 623854N 0295019E	<u>049</u> 233	277.6	<u>FL 660</u> FL 285	C		Even	PERM Tampere ACC 134.575, 132.725, 127.100, 123.775, 132.325, 135.525
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N87 RNAV 5 RTE total LEN: 135.7 NM							
R ADOPO 612524N 0264950E	<u>050</u> 230	61.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650, 135.525
R ULVED 615553N 0284047E	<u>050</u> 231	32.2	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R ETOBA 621120N 0294040E	<u>059</u> 240	42.4	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 135.525
C KOMEK (FIR BDRY) 622518N 0310630E							For continuation, see AIP Russia.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N88 RNAV 5 RTE total LEN: 327.5 NM							
R POKAS (FIR BDRY) 595853N 0192333E							
R UXETI 600828N 0195452E	<u>052</u> 232	18.4	<u>FL 660</u> FL 285	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 132.725
R SOTUP 601720N 0203726E	<u>060</u> 241	23.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.725
R OTKIL 602830N 0212204E	<u>056</u> 236	24.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575, 132.725
R IPDUR 603815N 0220145E	<u>056</u> 236	21.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575
R XETNI 604120N 0221430E	<u>056</u> 236	7.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575
R ETOBA 621120N 0294040E	<u>056</u> 239	232.3	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 134.575, 123.775, 132.325, 135.525
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N150 RNAV 5 RTE total LEN: 24.5 NM							
R OGLAV (FIR BDRY) 684959N 0211022E							
	<u>024</u> 204	24.5	<u>FL 660</u> FL 115	C	Odd	Even	For continuation, see AIP Sweden. Segment OGLAV-GAPRO: ATS is provided by NORWAY CONTROL. For continuation, see AIP Norway. PERM
R GAPRO (FIR BDRY) 691021N 0214746E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N187 RNAV 5 RTE total LEN: 95.9 NM							
R ADOPO 612524N 0264950E							
R PIDOP 613510N 0280845E	<u>065</u> 246	39.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650, 135.525
R RIVUM 614003N 0285105E	<u>066</u> 246	20.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
C KETOL (FIR BDRY) 614800N 0300500E	<u>066</u> 247	36.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650, 135.525 For continuation, see AIP Russia.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N198 RNAV 5 RTE total LEN: 338.1 NM							
R LIVLU 602035N 0212750E	040 221	20.7	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 134.575, 132.725
R GIKIT 603427N 0215851E	041 221	10.3	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 134.575
R XETNI 604120N 0221430E	041 221	7.7	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 134.575
R UVOPA 604625N 0222611E	041 221	6.9	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 134.575
R UXADA 605100N 0223648E	041 221	17.9	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 134.575
R EVLIT 610247N 0230429E	041 222	53.9	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 134.575, 127.100, 132.325
R ARBEV 613737N 0242940E	039 219	20.5	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R ROMOP 615124N 0250129E	039 219	11.0	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R BEPEM 615844N 0251843E	039 219	4.4	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R ERTOP 620138N 0252535E	039 219	38.8	FL 660 FL 95	C	Odd	Even	CDR 2 H24 Tampere ACC 132.325
R RERGA 622714N 0262753E	039 219	24.1	FL 660 FL 95	C	Odd	Even	CDR 2 H24 Tampere ACC 132.325
R NISPO 624254N 0270726E	040 220	14.3	FL 660 FL 95	C	Odd	Even	CDR 2 H24 Tampere ACC 132.325
R EXIKU 625205N 0273114E	040 220	10.5	FL 660 FL 95	C	Odd	Even	CDR 2 H24 Tampere ACC 132.325
R VEKUV 625847N 0274850E	098 279	12.4	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R EBIXO 625445N 0281435E	098 279	15.2	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R ETENA 624944N 0284550E	099 279	31.6	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 132.325, 135.525
R AGIVU 623854N 0295019E	099 280	19.8	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R RISEV 623153N 0303014E	100 280	18.1	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 135.525
C KOMEK (FIR BDRY) 622518N 0310630E							For continuation, see AIP Russia.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N609 RNAV 5 RTE total LEN: 211.0 NM							
C PETOT (FIR BDRY) 593040N 0230831E	<u>332</u> 152	11.0	<u>FL 660</u> FL 95	C	Even	Odd	D108 ACT RTE EXTD: 5NM R108 ACT RTE EXTD: 7NM R80 ACT RTE EXTD: 2NM R81 ACT RTE EXTD: 2NM For continuation, see AIP Estonia. PERM Tampere ACC 125.225
R NIPIB 594057N 0230048E	<u>328</u> 148	23.4	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 125.225, 132.675, 121.300 R108 ACT RTE EXTD: 7NM R80 ACT RTE EXTD: 5NM R81 ACT RTE EXTD: 5NM
R UMUGI 600214N 0224141E	<u>328</u> 148	6.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 121.300
R PEPIG 600829N 0223559E	<u>328</u> 148	2.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 121.300
R UPAPU 601106N 0223334E	<u>333</u> 153	37.6	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 121.300, 134.575, 132.725
R NIRPU 604627N 0220801E	<u>347</u> 167	14.5	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 134.575, 132.725
R ERAKO 610051N 0220526E	<u>347</u> 167	4.6	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.725
R IDNIS 610527N 0220436E	<u>347</u> 167	23.5	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.725
R PENIV 612847N 0220017E	<u>347</u> 167	14.2	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.725
R OSDIL 614251N 0215737E	<u>347</u> 167	54.5	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.725, 127.100 R73B ACT RTE EXTD: 3NM R73C ACT RTE EXTD: 3NM
R BEGSU 623657N 0214657E	<u>347</u> 167	17.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R DIVEG 625444N 0214317E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N624 RNAV 5 RTE total LEN: 340.0 NM							
R KOSKA (FIR BDRY) 591058N 0204034E							
R REKDO 592635N 0213340E	<u>053</u> 233	31.4	<u>FL 660</u> FL 95	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 132.675
R EKNID 594300N 0220945E	<u>041</u> 221	24.6	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.675 R109 ACT RTE EXTD: 5NM R85 ACT RTE EXTD: 5NM
R AGIVU 623854N 0295019E	<u>041</u> 224	284.0	<u>FL 660</u> FL 285	C		Even	PERM Tampere ACC 127.425, 132.675, 121.300, 134.575, 123.775, 136.650, 135.525
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N746 RNAV 5 RTE total LEN: 375.6 NM							
R ALAMI (FIR BDRY) 590252N 0205457E							(FLYOVER) ALAMI R109 ACT RTE EXTD: 5NM R85 ACT RTE EXTD: 5NM For continuation, see AIP Sweden. PERM Tampere ACC 127.425, 125.225, 132.675, 121.300, 123.775, 136.650, 135.525
R ETOBA 621120N 0294040E	<u>043</u> 227	320.2	<u>FL 660</u> FL 285	C	Odd		
C KOKAT (FIR BDRY) 624000N 0312231E	<u>047</u> 228	55.4	<u>FL 660</u> FL 285	C	Odd		PERM Tampere ACC 135.525 For continuation, see AIP Russia.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N850 RNAV 5 RTE total LEN: 314.4 NM							
R OGLOB (FIR BDRY) 595559N 0192744E	<u>041</u> 221	18.5	<u>FL 660</u> FL 95	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 132.725
R UXETI 600828N 0195452E	<u>030</u> 210	44.7	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 132.725 R110 ACT RTE EXTD: 2NM
R IBVAR 604409N 0204858E	<u>030</u> 210	9.0	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 132.725 R110 ACT RTE EXTD: 5NM
R INSOB 605118N 0210007E	<u>034</u> 214	25.3	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 132.725 R110 ACT RTE EXTD: 3NM R89 ACT RTE EXTD: 5NM
R EPAXU 611014N 0213431E	<u>026</u> 206	22.4	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 132.725 R89 ACT RTE EXTD: 2NM
R PENIV 612847N 0220017E	<u>031</u> 212	147.4	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 132.725, 127.100, 132.325 R93 ACT RTE EXTD: 3NM
R XEVLO 632157N 0252249E	<u>032</u> 212	47.0	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 132.325
R BAVMO 635658N 0263301E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N851 RNAV 5 RTE total LEN: 136.7 NM							
R RIKUM (FIR BDRY) 595815N 0192429E							
	<u>070</u> 250	32.4	<u>FL 660</u> FL 95	C	Odd		For continuation, see AIP Sweden. PERM Tampere ACC 132.725
R EBEBU 600542N 0202716E							
	<u>070</u> 251	30.1	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 132.725
R RIRIP 601210N 0212603E							
	<u>071</u> 251	37.1	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 134.575, 132.725
R ODESO 601934N 0223902E							
	<u>071</u> 252	37.1	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 134.575
R LAKUT 602617N 0235235E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N866 RNAV 5 RTE total LEN: 389.7 NM							
R EVLAN (FIR BDRY) 601508N 0190643E							
	<u>053</u> 234	58.3	<u>FL 660</u> FL 95	C		Even	R110 ACT RTE EXTD: 3NM For continuation, see AIP Sweden. PERM Tampere ACC 132.725
R IBVAR 604409N 0204858E							
	<u>054</u> 235	70.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.725, 127.100 R110 ACT RTE EXTD: 3NM
R RERLO 611653N 0225747E							
	<u>056</u> 237	48.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100, 132.325
R ARBEV 613737N 0242940E							
	<u>057</u> 239	162.5	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 132.325, 135.525
R AGIVU 623854N 0295019E							
	<u>041</u> 221	49.3	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 135.525 For continuation, see AIP Russia.
C AGAMO (FIR BDRY) 630848N 0311554E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N872 RNAV 5 RTE total LEN: 203.3 NM							
R RUNGA (FIR BDRY) 594459N 0194327E	<u>067</u> 248	52.4	<u>FL 660</u> FL 95	C		Even	R88 ACT RTE EXTD: 3 NM For continuation, see AIP Sweden. PERM Tampere ACC 121.300
R POGOK 595928N 0212316E	<u>068</u> 249	37.5	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 121.300 R88 ACT RTE EXTD: 3 NM
R PEPIG 600829N 0223559E	<u>069</u> 250	42.4	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 127.425, 121.300
R ADIVO 601751N 0235853E	<u>071</u> 251	24.8	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 127.425
R EVIRO 602230N 0244754E	<u>112</u> 293	14.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425
R ULTIR 601514N 0251213E	<u>113</u> 293	14.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425
R ROPAM 600759N 0253606E	<u>113</u> 293	18.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425
C LEDUN (FIR BDRY) 595830N 0260642E							For continuation, see AIP Estonia.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
N873 RNAV 5 RTE total LEN: 19.3 NM							
R DODAM (FIR BDRY) 600240N 0191806E							
R UXETI 600828N 0195452E	<u>066</u> 246	19.3	<u>FL 660</u> FL 95	C	Odd		For continuation, see AIP Sweden. PERM Tampere ACC 132.725
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
P606 RNAV 5 RTE total LEN: 350.3 NM							
R ALAMI (FIR BDRY) 590252N 0205457E	052 232	22.1	FL 660 FL 95	C	Odd		(FLYOVER) ALAMI For continuation, see AIP Sweden. PERM Tampere ACC 125.225
R OKEVU 591419N 0213136E	052 232	11.9	FL 660 FL 95	C	Odd		PERM Tampere ACC 125.225
R EVADI 592023N 0215126E	052 232	20.5	FL 660 FL 95	C	Odd		PERM Tampere ACC 125.225 D109 ACT RTE EXT: 5NM R109 ACT RTE EXT: 5NM
R RUMEP 593045N 0222556E	052 233	20.5	FL 660 FL 95	C	Odd		PERM Tampere ACC 125.225 D108 ACT RTE EXT: 7NM D109 ACT RTE EXT: 5NM R108 ACT RTE EXT: 7NM R109 ACT RTE EXT: 5NM R81 ACT RTE EXT: 2NM R85 ACT RTE EXT: 3NM
R NIPIB 594057N 0230048E	053 233	20.2	FL 660 FL 95	C	Odd		PERM Tampere ACC 125.225 D108 ACT RTE EXT: 3NM R108 ACT RTE EXT: 7NM R78 ACT RTE EXT: 7NM R79 ACT RTE EXT: 7NM R80 ACT RTE EXT: 7NM R81 ACT RTE EXT: 2NM R83 ACT RTE EXT: 2NM
R DIVAM 595054N 0233537E	053 233	8.0	FL 660 FL 95	C	Odd		PERM Tampere ACC 127.425, 125.225 R78 ACT RTE EXT: 2NM
R PEXEN 595447N 0234928E	038 218	40.3	FL 660 FL 95	C	Odd		PERM Tampere ACC 127.425, 125.225 R76 ACT RTE EXT: 2NM R77 ACT RTE EXT: 3NM
R EVIRO 602230N 0244754E	062 243	37.2	FL 660 FL 95	C		Even	PERM Tampere ACC 127.425
R MAMOP 603430N 0255904E	063 243	10.9	FL 660 FL 95	C		Even	PERM Tampere ACC 127.425, 136.650
R VEPIN 603753N 0261959E	046 227	24.6	FL 660 FL 95	C		Even	PERM Tampere ACC 136.650
R ROKVI 605139N 0270123E	030 210	17.0	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 136.650
R OTKAP 610446N 0272323E	026 206	37.5	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 136.650, 135.525
R PIDOP 613510N 0280845E	026 206	25.8	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R ULVED 615553N 0284047E	026 206	19.9	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R ASPEM 621150N 0290603E	026 206	14.0	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R UVOVO 622257N 0292401E	026 206	20.1	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R AGIVU 623854N 0295019E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
P608 RNAV 5 <div>RTE total LEN: 73.6 NM</div>							
C OSTOT (FIR BDRY) 591715N 0221043E							
	<u>281</u> 100	10.4	<u>FL 660</u> FL 95	C	Even		D109 ACT RTE EXTD: 10NM For continuation, see AIP Estonia. CDR 1 H24 Tampere ACC 125.225
R EVADI 592023N 0215126E	<u>280</u> 099	63.2	<u>FL 660</u> FL 95	C	Even		CDR 1 H24 Tampere ACC 125.225, 132.675, 121.300
R LUPET (FIR BDRY) 593825N 0195235E							For continuation, see AIP Sweden.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
P609 RNAV 5 RTE total LEN: 113.6 NM							
R BAKLA (FIR BDRY) 612145N 0192457E							
	<u>027</u> 208	97.3	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Sweden. PERM Tampere ACC 132.725, 127.100
R SUBUG 624129N 0212229E							
	<u>028</u> 208	16.4	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R DIVEG 625444N 0214317E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
P739 RNAV 5 RTE total LEN: 231.8 NM							
C DOBAN (FIR BDRY) 594758N 0242709E							D102 ACT RTE EXTD: 2NM D103 ACT RTE EXTD: 2NM D104 ACT RTE EXTD: 3NM D105 ACT RTE EXTD: 5NM R101 ACT RTE EXTD: 5NM R102 ACT RTE EXTD: 7NM R103 ACT RTE EXTD: 10NM R104 ACT RTE EXTD: 10NM R105 ACT RTE EXTD: 10NM R65 ACT RTE EXTD: 5NM R66 ACT RTE EXTD: 2NM R67 ACT RTE EXTD: 3NM For continuation, see AIP Estonia. PERM Tampere ACC 127.425, 136.650, 135.525
	<u>032</u> 214	231.8	<u>FL 660</u> FL 285	C		Even	
R AGIVU 623854N 0295019E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
P853 RNAV 5 <div>RTE total LEN: 306.6 NM</div>							
C RATLA (FIR BDRY) 605130N 0282018E							For continuation, see AIP Sweden. For continuation, see AIP Russia. CDR 2 H24 Tampere ACC 124.200, 136.650, 132.325, 135.525
	<u>330</u> 147	306.6	<u>FL 660</u> FL 285	C	Even	Odd	
R BEXUL (FIR BDRY) 653534N 0240914E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
P854 RNAV 5 RTE total LEN: 250.0 NM							
C BALTI (FIR BDRY) 595415N 0251506E							D101 ACT RTE EXTD: 5NM R101 ACT RTE EXTD: 10NM R102 ACT RTE EXTD: 3NM R103 ACT RTE EXTD: 2NM R64A ACT RTE EXTD: 5NM R64B ACT RTE EXTD: 2NM R65 ACT RTE EXTD: 7NM R66 ACT RTE EXTD: 3NM R67 ACT RTE EXTD: 10NM For continuation, see AIP Estonia. PERM Tampere ACC 127.425
R EVIRO 602230N 0244754E	<u>326</u> 146	31.4	<u>FL 660</u> FL 95	C	Even	Odd	
R NEPEK 604433N 0242908E	<u>329</u> 149	24.0	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.425, 134.575
R NISVI 610734N 0240255E	<u>323</u> 142	26.4	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.425, 134.575, 127.100
R GEMKU 613903N 0232551E	<u>322</u> 142	36.3	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R OTVEG 621714N 0223851E	<u>322</u> 141	44.3	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R LIKSO 622654N 0222657E	<u>322</u> 142	11.2	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R GUBTU 623855N 0221157E	<u>322</u> 142	13.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R DIVEG 625444N 0214317E	<u>312</u> 132	20.6	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R UVATI 632329N 0211204E	<u>326</u> 146	32.1	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R LAMPI (FIR BDRY) 633219N 0210212E	<u>326</u> 146	9.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100 For continuation, see AIP Sweden.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
P855 RNAV 5 RTE total LEN: 186.5 NM							
C DOBAN (FIR BDRY) 594758N 0242709E R NIRPU 604627N 0220801E R TOGMI (FIR BDRY) 614543N 0193225E	<u>303</u> 122	90.7	<u>FL 660</u> FL 285	C	Even	Odd	D105 ACT RTE EXTD: 5NM D106 ACT RTE EXTD: 4NM R105 ACT RTE EXTD: 10NM R106 ACT RTE EXTD: 5NM R76 ACT RTE EXTD: 7NM R77 ACT RTE EXTD: 7NM For continuation, see AIP Estonia. PERM Tampere ACC 127.425, 132.675, 121.300, 134.575, 132.725
	<u>302</u> 121	95.8	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 134.575, 132.725 R110 ACT RTE EXTD: 2NM R89 ACT RTE EXTD: 7NM For continuation, see AIP Sweden.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
P870 RNAV 5 RTE total LEN: 63.0 NM							
C DOBAN (FIR BDRY) 594758N 0242709E							
	<u>008</u> 188	36.2	<u>FL 660</u> FL 95	C	Odd	Even	D104 ACT RTE EXTD: 2NM D105 ACT RTE EXTD: 5NM R103 ACT RTE EXTD: 2NM R104 ACT RTE EXTD: 7NM R105 ACT RTE EXTD: 10NM R106 ACT RTE EXTD: 2NM R75 ACT RTE EXTD: 5NM R77 ACT RTE EXTD: 2NM For continuation, see AIP Estonia. PERM Tampere ACC 127.425
R EVIRO 602230N 0244754E	<u>353</u> 173	26.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425, 123.775
R TEVRU 604916N 0244929E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
P998 RNAV 5 RTE total LEN: 334.3 NM							
R KOSKA (FIR BDRY) 591058N 0204034E	<u>007</u> 188	203.2	<u>FL 660</u> FL 285	C	Odd	Even	R93 ACT RTE EXTD: 2NM For continuation, see AIP Sweden. CDR 1 H24 Tampere ACC 132.675, 121.300, 134.575, 132.725, 127.100
R LIKSO 622654N 0222657E	<u>007</u> 187	9.8	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 127.100
R VABUB 623621N 0223240E	<u>007</u> 187	26.9	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 127.100
R GISUX 630212N 0224836E	<u>007</u> 187	15.5	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 127.100
R BAPTU 631704N 0225759E	<u>007</u> 187	23.5	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 127.100
R OGTUD 633934N 0231230E	<u>339</u> 158	55.2	<u>FL 660</u> FL 95	C	Even	Odd	CDR 1 H24 Tampere ACC 127.100, 124.200 D111A ACT RTE EXTD: 10NM D111B ACT RTE EXTD: 7NM R111A ACT RTE EXTD: 15NM R99A ACT RTE EXTD: 8NM R99B ACT RTE EXTD: 7NM For continuation, see AIP Sweden.
R SUTEV (FIR BDRY) 643314N 0224416E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Q1 RNAV 5 RTE total LEN: 26.5 NM							
R ADIVO 601751N 0235853E							
R EXUPA 602313N 0230638E	274 094	26.5	FL 285 FL 95	C	Even		PERM Tampere ACC 127.425, 121.300, 134.575
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T31 RNAV 5 RTE total LEN: 63.8 NM							
R BODRI (FIR BDRY) 622454N 0194927E							
	<u>012</u> 192	27.4	<u>FL 660</u> FL 95	C		Even	For continuation, see AIP Sweden. ATS is provided by SWEDEN CONTROL. PERM
R GALPI 625049N 0200825E							
	<u>012</u> 192	26.2	<u>FL 660</u> FL 95	C		Even	PERM ATS is provided by SWEDEN CONTROL.
R DEDIT 631530N 0202702E							
	<u>012</u> 192	10.2	<u>FL 660</u> FL 95	C		Even	PERM For continuation, see AIP Sweden. ATS is provided by SWEDEN CONTROL.
R VALAK (FIR BDRY) 632507N 0203427E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T70 RNAV 5 RTE total LEN: 74.4 NM							
R SUTEV (FIR BDRY) 643314N 0224416E							
	<u>058</u> 238	23.1	<u>FL 660</u> FL 95	C	Odd	Even	D111A ACT RTE EXTD: 5NM D111B ACT RTE EXTD: 10NM For continuation, see AIP Sweden. CDR 1 H24 Tampere ACC 124.200
R GODOB 644213N 0233334E	<u>058</u> 238	20.9	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 124.200
R XEVAP 645013N 0241836E	<u>056</u> 237	18.7	<u>FL 660</u> FL 95	C	Odd	Even	D111B ACT RTE EXTD: 2NM CDR 1 H24 Tampere ACC 124.200
R NOPNI 645741N 0245843E	<u>009</u> 189	11.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R RIBVU 650850N 0250745E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T73 RNAV 5 RTE total LEN: 96.7 NM							
R PEXEN 595447N 0234928E	<u>067</u> 248	55.1	<u>FL 660</u> FL 285	C	Odd		R101 ACT RTE EXTD: 2NM R102 ACT RTE EXTD: 7NM R103 ACT RTE EXTD: 10NM R104 ACT RTE EXTD: 5NM R105 ACT RTE EXTD: 2NM R65 ACT RTE EXTD: 2NM R66 ACT RTE EXTD: 2NM R67 ACT RTE EXTD: 7NM R76 ACT RTE EXTD: 5NM R77 ACT RTE EXTD: 7NM PERM Tampere ACC 127.425, 125.225
R ROPAM 600759N 0253606E	<u>068</u> 248	4.5	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 127.425
R IRLOT 600859N 0254450E	<u>068</u> 248	7.0	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 127.425
R NITAS 601033N 0255829E	<u>068</u> 249	17.2	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 127.425
R RATMU 601416N 0263209E	<u>099</u> 279	12.9	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 127.425 R57 ACT RTE EXTD: 2NM R58 ACT RTE EXTD: 5NM For continuation, see AIP Estonia.
C INLOG (FIR BDRY) 601018N 0265647E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T79 RNAV 5 RTE total LEN: 21.2 NM							
R IBOSU 613712N 0251743E							
R XELMA 615605N 0253746E	<u>018</u> 198	21.2	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.325
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T82 RNAV 5 RTE total LEN: 93.0 NM							
R ADOPO 612524N 0264950E							
	<u>041</u> 221	4.2	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650
R UXEGA 612803N 0265633E							
	<u>041</u> 222	88.8	<u>FL 660</u> FL 95	C	Odd	Even	CDR 2 H24 Tampere ACC 136.650, 135.525
R UVOVO 622257N 0292401E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T83 RNAV 5 RTE total LEN: 179.9 NM							
R LUSEP 605708N 0251553E	<u>023</u> 203	22.5	<u>FL 660</u> FL 95	C		Even	R95 ACT RTE EXTD: 3NM PERM Tampere ACC 123.775
R OTPAL 611608N 0254032E	<u>023</u> 203	22.5	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 123.775, 132.325
R NAPRU 613504N 0260540E	<u>023</u> 203	14.2	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.325
R ROVTI 614659N 0262150E	<u>023</u> 204	35.4	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.325
R TUNOV 621632N 0270259E	<u>024</u> 204	20.4	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.325
R ASTUX 623325N 0272715E	<u>035</u> 215	11.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R TITIV 624134N 0274508E	<u>035</u> 215	18.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R EBIXO 625445N 0281435E	<u>321</u> 141	34.4	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.325
R UGLUM 632455N 0273827E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T89 RNAV 5 RTE total LEN: 303.8 NM							
R IRGAL (FIR BDRY) 624950N 0200039E	<u>067</u> 247	3.7	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Sweden. PERM Tampere ACC 127.100
R GALPI 625049N 0200825E	<u>067</u> 247	7.3	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R KOTOS 625244N 0202341E	<u>081</u> 262	18.7	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R AXUTI 625302N 0210425E	<u>077</u> 257	17.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R DIVEG 625444N 0214317E	<u>029</u> 209	24.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R RERBU 631356N 0221513E	<u>029</u> 209	12.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R ATPEL 632358N 0223208E	<u>029</u> 209	35.3	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R ULGEG 635145N 0232031E	<u>029</u> 209	10.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100 R99A ACT RTE EXT D: 2NM R99B ACT RTE EXT D: 2NM
R EMDUR 635934N 0233431E	<u>029</u> 210	46.3	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100, 124.200 R99A ACT RTE EXT D: 2NM R99B ACT RTE EXT D: 2NM
R IXONO 643530N 0244107E	<u>030</u> 210	5.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R LOBGA 643927N 0244841E	<u>003</u> 183	18.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R NOPNI 645741N 0245843E	<u>043</u> 224	15.7	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 124.200
R GULDU 650658N 0252830E	<u>044</u> 224	8.7	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 124.200
R NUBVU 651204N 0254511E	<u>044</u> 225	79.7	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 124.200
R BEVNA 655721N 0282256E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T91 RNAV 5 <div>RTE total LEN: 8.5 NM</div>							
R DISIB 605807N 0221414E	<u>336</u> 156	8.5	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.725
R UMSES 610613N 0220911E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T95 RNAV 5							
RTE total LEN: 437.5 NM							
R AMROT 602938N 0234233E	345 165	35.2	FL 660 FL 95	C		Odd	PERM Tampere ACC 134.575
R ENETI 610429N 0233420E	345 165	34.9	FL 660 FL 95	C		Odd	PERM Tampere ACC 134.575, 127.100
R GEMKU 613903N 0232551E	349 169	43.8	FL 660 FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 127.100
R AMASU 622243N 0232115E	349 168	54.8	FL 660 FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 127.100
R GIDKI 631718N 0231507E	348 168	22.4	FL 660 FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 127.100
R OGTUD 633934N 0231230E	007 187	12.7	FL 660 FL 95	C	Odd	Even	CDR 2 H24 Tampere ACC 127.100
R ULGEG 635145N 0232031E	007 187	115.4	FL 660 FL 95	C	Odd	Even	CDR 2 H24 Tampere ACC 127.100, 124.200 R111B ACT RTE EXTD: 2NM R99A ACT RTE EXTD: 7NM R99B ACT RTE EXTD: 5NM
R RUBSI 654151N 0243850E	015 195	27.4	FL 660 FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 124.200
R NEPIX 660630N 0250727E	346 165	17.8	FL 660 FL 95	C	Even		PERM Tampere ACC 124.200
R APTEN 662412N 0250422E	345 165	18.4	FL 660 FL 95	C	Even		PERM Tampere ACC 124.200
R IBSAN 664230N 0250105E	345 165	32.8	FL 660 FL 95	C	Even		PERM Tampere ACC 124.200, 126.100
R EVIMI 671506N 0245502E	345 164	21.9	FL 660 FL 95	C	Even		PERM Tampere ACC 126.100
R GITEV 673648N 0245018E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T97 RNAV 5 RTE total LEN: 51.9 NM							
R ASTUX 623325N 0272715E	<u>355</u> 175	18.8	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.325
R EXIKU 625205N 0273114E	<u>355</u> 175	33.1	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.325
R UGLUM 632455N 0273827E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T99 RNAV 5 RTE total LEN: 148.6 NM							
C RATLA (FIR BDRY) 605130N 0282018E	312 132	3.4	FL 660 FL 95	C	Even	Odd	For continuation, see AIP Russia. PERM Tampere ACC 136.650
R ADSEB 605410N 0281559E	311 130	25.3	FL 660 FL 95	C	Even	Odd	PERM Tampere ACC 136.650 R61 ACT RTE EXT D: 2NM
R ERKOM 611335N 0274253E	310 129	63.3	FL 660 FL 95	C	Even	Odd	PERM Tampere ACC 136.650, 132.325, 135.525
R EROKU 620136N 0261656E	309 129	40.0	FL 660 FL 95	C	Even	Odd	PERM Tampere ACC 132.325
R GOSVA 623128N 0252017E	323 143	16.7	FL 660 FL 95	C	Even	Odd	PERM Tampere ACC 132.325
R ADEDO 624616N 0250336E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T255 RNAV 5 RTE total LEN: 91.7 NM							
R ATPEL 632358N 0223208E							
	<u>033</u> 213	47.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100, 124.200
R VAXUN 635903N 0234218E							
	<u>026</u> 206	44.7	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R IXONO 643530N 0244107E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T311 RNAV 5 <div>RTE total LEN: 169.5 NM</div>							
R TUVLU (FIR BDRY) 674126N 0232943E							
	<u>035</u> 216	39.7	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Sweden. CDR 1 H24 Tampere ACC 126.100
R ABLOP 680856N 0244518E							
	<u>036</u> 217	112.4	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 126.100
R RIDVI 692323N 0283603E							
	<u>037</u> 217	17.5	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 126.100
C SIVNU (FIR BDRY) 693428N 0291416E							For continuation, see AIP Norway.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T320 RNAV 5 RTE total LEN: 36.2 NM							
R NOPNI 645741N 0245843E	<u>289</u> 109	22.0	<u>FL 660</u> FL 95	C	Even	Odd	CDR 1 H24 Tampere ACC 124.200
R OTVEM 650819N 0241322E	<u>289</u> 109	14.3	<u>FL 660</u> FL 95	C	Even	Odd	CDR 1 H24 Tampere ACC 124.200
R EKMIK (FIR BDRY) 651506N 0234339E							For continuation, see AIP Sweden.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T351 RNAV 5 RTE total LEN: 149.9 NM							
R ROKVI 605139N 0270123E C KOMEK (FIR BDRY) 622518N 0310630E							R61 ACT RTE EXTD: 7NM R62 ACT RTE EXTD: 2NM For continuation, see AIP Russia. PERM Tampere ACC 136.650, 135.525
	040 221	149.9	FL 660 FL 95	C	Odd	Even	
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T400 RNAV 5 RTE total LEN: 196.1 NM							
R NEBET (FIR BDRY) 670205N 0234301E	<u>026</u> 206	25.9	<u>FL 660</u> FL 95	C		Even	For continuation, see AIP Sweden. CDR 1 H24 Tampere ACC 126.100
R AMULU 672249N 0242242E	<u>026</u> 207	17.6	<u>FL 660</u> FL 95	C		Even	CDR 1 H24 Tampere ACC 126.100
R GITEV 673648N 0245018E	<u>027</u> 207	19.7	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 126.100
R XETMU 675224N 0252155E	<u>027</u> 207	36.1	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 126.100 R68 ACT RTE EXTD: 3NM
R LUSAG 682039N 0262137E	<u>027</u> 207	49.3	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 126.100
R NEKUX 685834N 0274720E	<u>027</u> 207	30.7	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 126.100
R EVLAK 692150N 0284256E	<u>027</u> 207	16.8	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 126.100
C SIVNU (FIR BDRY) 693428N 0291416E							For continuation, see AIP Norway.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T404 RNAV 5 RTE total LEN: 78.3 NM							
R XONTU (FIR BDRY) 655626N 0240436E	<u>036</u> 216	21.4	<u>FL 660</u> FL 95	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 124.200
R OLNOP 661119N 0244219E	<u>037</u> 217	25.0	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 124.200
R ULROM 662806N 0252813E	<u>011</u> 191	31.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R ROTKO 665738N 0255740E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
T408 RNAV 5 RTE total LEN: 110.2 NM							
R ALAMI (FIR BDRY) 590252N 0205457E							(FLYOVER) ALAMI R87 ACT RTE EXTD: 10NM For continuation, see AIP Sweden.
R EMPOM 601252N 0214240E	<u>012</u> 192	74.2	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 125.225, 132.675, 121.300, 134.575, 132.725
R GIKIT 603427N 0215851E	<u>013</u> 193	23.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575
R IPDUR 603815N 0220145E	<u>013</u> 193	4.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575
R NIRPU 604627N 0220801E	<u>013</u> 193	8.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575, 132.725
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y71 RNAV 5 RTE total LEN: 108.9 NM							
R ETROD 635705N 0274819E	<u>004</u> 184	32.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R IXUBI 642834N 0280821E	<u>004</u> 184	5.2	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R EVRIG 643337N 0281131E	<u>004</u> 184	70.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200, 132.325
R IBEVU 654134N 0285742E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y75 RNAV 5 RTE total LEN: 311.1 NM							
R ULTIR 601514N 0251213E	333 153	35.9	FL 660 FL 95	C	Even		PERM Tampere ACC 127.425, 123.775
R TEVRU 604916N 0244929E	358 178	24.0	FL 660 FL 95	C	Even		PERM Tampere ACC 123.775
R DIPUM 611300N 0245508E	358 178	24.0	FL 660 FL 95	C	Even		PERM Tampere ACC 123.775, 132.325
R USUPO 613645N 0250056E	352 172	14.7	FL 660 FL 95	C	Even		PERM Tampere ACC 132.325
R ROMOP 615124N 0250129E	352 172	18.3	FL 660 FL 95	C	Even		PERM Tampere ACC 132.325
R OTLUD 620939N 0250211E	352 172	30.6	FL 660 FL 95	C	Even		PERM Tampere ACC 132.325
R OSKEK 624007N 0250322E	352 172	6.2	FL 660 FL 95	C	Even		PERM Tampere ACC 132.325
R ADEDO 624616N 0250336E	352 172	31.8	FL 660 FL 95	C	Even		PERM Tampere ACC 132.325
R MIMRU 631758N 0250453E	352 171	28.5	FL 660 FL 95	C	Even		PERM Tampere ACC 124.200, 132.325
R ELPOP 634621N 0250603E	351 171	39.7	FL 660 FL 95	C	Even		PERM Tampere ACC 124.200
R SUVIB 642555N 0250744E	350 170	43.1	FL 660 FL 95	C	Even		PERM Tampere ACC 124.200
R RIBVU 650850N 0250745E	331 151	14.5	FL 660 FL 95	C	Even	Odd	PERM Tampere ACC 124.200
R BEDSO 652228N 0245631E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y77 RNAV 5 RTE total LEN: 47.5 NM							
R LUSAG 682039N 0262137E							For continuation, see AIP Russia. CDR 1 H24 Tampere ACC 126.100
C KELEK (FIR BDRY) 683012N 0282730E	<u>066</u> 246	47.5	<u>FL 660</u> FL 95	C	Odd	Even	
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y81 RNAV 5 RTE total LEN: 64.5 NM							
R EBEBU 600542N 0202716E	<u>080</u> 261	64.5	<u>FL 660</u> FL 95	C		Even	R88 ACT RTE EXTD: 3 NM PERM Tampere ACC 121.300, 134.575, 132.725
R PEPIG 600829N 0223559E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y86 RNAV 5 RTE total LEN: 23.7 NM							
R RENV 660434N 0253154E							
R ULROM 662806N 0252813E	346 166	23.7	FL 660 FL 95	C		Odd	PERM Tampere ACC 124.200
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y96 RNAV 5 RTE total LEN: 129.7 NM							
C PETOT (FIR BDRY) 593040N 0230831E							
	284 102	129.7	FL 660 FL 285	C	Even	Odd	D109 ACT RTE EXTD: 5NM R109 ACT RTE EXTD: 5NM For continuation, see AIP Sweden. For continuation, see AIP Estonia. CDR 1 H24 Tampere ACC 125.225, 132.675, 121.300, 132.725
R EVLAN (FIR BDRY) 601508N 0190643E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y232 RNAV 5 RTE total LEN: 161.3 NM							
R UXETI 600828N 0195452E	<u>048</u> 229	104.4	<u>FL 660</u> FL 95	C	Odd	Even	R113 ACT RTE EXTD: 7NM PERM Tampere ACC 134.575, 132.725, 127.100
R NEBAB 610634N 0225048E	<u>048</u> 229	56.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100, 132.325
R ARBEV 613737N 0242940E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y357 RNAV 5 RTE total LEN: 289.0 NM							
C RATLA (FIR BDRY) 605130N 0282018E							R56 ACT RTE EXTD: 7NM R57 ACT RTE EXTD: 3NM R58 ACT RTE EXTD: 2NM For continuation, see AIP Russia. PERM Tampere ACC 127.425, 136.650
R RATMU 601416N 0263209E	<u>226</u> 045	65.2	<u>FL 660</u> FL 95	C	Even	Odd	
R ULTSI 603259N 0251727E	<u>288</u> 108	41.5	<u>FL 660</u> FL 285	C	Even	Odd	PERM Tampere ACC 127.425
R NEPEK 604433N 0242908E	<u>288</u> 107	26.5	<u>FL 660</u> FL 285	C	Even	Odd	PERM Tampere ACC 127.425, 134.575
R ROGTU 612931N 0205811E	<u>287</u> 105	111.8	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.425, 134.575, 132.725, 127.100
R TOGMI (FIR BDRY) 614543N 0193225E	<u>285</u> 104	44.0	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.725 For continuation, see AIP Sweden.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y358 RNAV 5 RTE total LEN: 48.6 NM							
R RATMU 601416N 0263209E							
	<u>037</u> 218	48.6	<u>FL 660</u> FL 95	C	Odd	Even	R56 ACT RTE EXTD: 5NM R57 ACT RTE EXTD: 2NM R58 ACT RTE EXTD: 2NM PERM Tampere ACC 127.425, 136.650
R ARLOM 604725N 0274353E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y359 RNAV 5 RTE total LEN: 60.6 NM							
R VEPIN 603753N 0261959E	<u>067</u> 248	42.3	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650
R ARLOM 604725N 0274353E	<u>067</u> 247	18.3	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650
C RATLA (FIR BDRY) 605130N 0282018E							For continuation, see AIP Russia.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y360 RNAV 5 RTE total LEN: 155.0 NM							
R LUPET (FIR BDRY) 593825N 0195235E							
	<u>067</u> 247	47.1	<u>FL 660</u> FL 95	C		Even	R87 ACT RTE EXTD: 3NM For continuation, see AIP Sweden. PERM Tampere ACC 121.300
R USITU 595131N 0212157E							
	<u>067</u> 248	41.5	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 121.300 R87 ACT RTE EXTD: 2NM
R UMUGI 600214N 0224141E							
	<u>068</u> 249	38.4	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 127.425, 121.300
R KUVEM 601126N 0235614E							
	<u>058</u> 239	28.0	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 127.425
R EVIRO 602230N 0244754E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y361 RNAV 5 RTE total LEN: 80.5 NM							
R ARBEV 613737N 0242940E	<u>070</u> 251	54.2	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R ROVTI 614659N 0262150E	<u>061</u> 241	11.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325, 135.525
R VAVED 615040N 0264339E	<u>061</u> 241	15.3	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R UDVIM 615542N 0271413E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y362 RNAV 5 RTE total LEN: 42.3 NM							
R XORMU 611928N 0223854E							
	<u>098</u> 278	9.5	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.725, 127.100
R RERLO 611653N 0225747E							
	<u>098</u> 279	32.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R NISVI 610734N 0240255E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y363 RNAV 5 RTE total LEN: 269.6 NM							
C RATLA (FIR BDRY) 605130N 0282018E	<u>269</u> 088	53.2	<u>FL 660</u> FL 95	C	Even	Odd	For continuation, see AIP Russia. PERM Tampere ACC 136.650
R NAXEP 605910N 0263230E	<u>268</u> 087	73.2	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 134.575, 127.100, 123.775, 136.650 R94 ACT RTE EXTD: 3NM R95 ACT RTE EXTD: 3NM
R NISVI 610734N 0240255E	<u>296</u> 116	41.9	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 127.100
R ODUSA 613101N 0225057E	<u>296</u> 114	101.3	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 127.100 R73A ACT RTE EXTD: 2NM R73B ACT RTE EXTD: 4NM For continuation, see AIP Sweden.
R BODRI (FIR BDRY) 622454N 0194927E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y364 RNAV 5 RTE total LEN: 165.0 NM							
R VEKUV 625847N 0274850E							D111A ACT RTE EXTD: 5NM D111B ACT RTE EXTD: 7NM R111A ACT RTE EXTD: 3NM R111B ACT RTE EXTD: 7NM R99A ACT RTE EXTD: 7NM For continuation, see AIP Sweden. CDR 2 H24 Tampere ACC 124.200, 132.325
	<u>297</u> 114	165.0	<u>FL 660</u> FL 285	C	Even	Odd	
R SUTEV (FIR BDRY) 643314N 0224416E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y365 RNAV 5 RTE total LEN: 79.4 NM							
R MIKNU 642639N 0252614E	<u>340</u> 159	43.1	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 124.200
R RIBVU 650850N 0250745E	<u>308</u> 127	36.3	<u>FL 660</u> FL 285	C	Even	Odd	PERM Tampere ACC 124.200
R BEXUL (FIR BDRY) 653534N 0240914E							For continuation, see AIP Sweden.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y366 RNAV 5 RTE total LEN: 260.8 NM							
C RATLA (FIR BDRY) 605130N 0282018E							
	301 117	260.8	FL 660 FL 285	C	Even	Odd	For continuation, see AIP Sweden. For continuation, see AIP Russia. CDR 2 H24 Tampere ACC 127.100, 136.650, 132.325, 135.525
R LAMPI (FIR BDRY) 633219N 0210212E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y367 RNAV 5 <div style="text-align: right;">RTE total LEN: 264.6 NM</div>							
C RATLA (FIR BDRY) 605130N 0282018E							
R OTVEG 621714N 0223851E	290 107	184.4	FL 660 FL 285	C	Even	Odd	For continuation, see AIP Russia. CDR 2 H24 Tampere ACC 127.100, 123.775, 136.650, 132.325
R IRGAL (FIR BDRY) 624950N 0200039E	287 106	80.2	FL 660 FL 285	C	Even	Odd	CDR 2 H24 Tampere ACC 127.100 For continuation, see AIP Sweden.
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y368 RNAV 5 RTE total LEN: 139.7 NM							
R LAKUT 602617N 0235235E	<u>265</u> 084	20.8	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 134.575
R IPMOT 602711N 0231035E	<u>264</u> 084	20.8	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 134.575
R BEVOM 602752N 0222837E	<u>264</u> 083	32.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 134.575
R OTKIL 602830N 0212204E	<u>263</u> 082	65.1	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 134.575, 132.725 For continuation, see AIP Sweden.
R KELAS (FIR BDRY) 602807N 0191033E							
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y369 RNAV 5 RTE total LEN: 80.6 NM							
R REKDO 592635N 0213340E							D109 ACT RTE EXTD: 2NM R108 ACT RTE EXTD: 3NM R109 ACT RTE EXTD: 5NM R84 ACT RTE EXTD: 3NM R85 ACT RTE EXTD: 5NM PERM Tampere ACC 132.675
R PISOX 594641N 0224504E	<u>053</u> 234	41.5	<u>FL 660</u> FL 95	C		Even	
R NUNTO 600501N 0235337E	<u>054</u> 234	39.1	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 127.425, 132.675 R108 ACT RTE EXTD: 3NM R79 ACT RTE EXTD: 2NM R80 ACT RTE EXTD: 5NM R81 ACT RTE EXTD: 2NM R83 ACT RTE EXTD: 5NM R85 ACT RTE EXTD: 5NM
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Y370 RNAV 5 RTE total LEN: 376.9 NM							
R RIKUM (FIR BDRY) 595815N 0192429E							
R UXETI 600828N 0195452E	<u>050</u> 230	18.4	<u>FL 660</u> FL 95	C	Odd		For continuation, see AIP Sweden. PERM Tampere ACC 132.725
R BEGSU 623657N 0214657E	<u>013</u> 193	158.4	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.725, 127.100 D110 ACT RTE EXTD: 7NM R110 ACT RTE EXTD: 7NM
R RERBU 631356N 0221513E	<u>011</u> 191	39.3	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 127.100
R GODOB 644213N 0233334E	<u>013</u> 193	95.1	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 127.100, 124.200 D111A ACT RTE EXTD: 2NM D111B ACT RTE EXTD: 7NM R111A ACT RTE EXTD: 10NM R111B ACT RTE EXTD: 10NM R99A ACT RTE EXTD: 5NM R99B ACT RTE EXTD: 5NM
R RUBSI 654151N 0243850E	<u>015</u> 195	65.8	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 124.200 D111B ACT RTE EXTD: 3NM
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Z155 RNAV 5 <div>RTE total LEN: 174.5 NM</div>							
R EVIRO 602230N 0244754E							
R TOGMI (FIR BDRY) 614543N 0193225E	<u>292</u> 110	174.5	<u>FL 660</u> FL 285	C	Even	Odd	For continuation, see AIP Sweden. PERM Tampere ACC 127.425, 134.575, 132.725
END							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	<u>Upper limit</u> Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
Z253 RNAV 5 RTE total LEN: 53.6 NM							
R TINOS (FIR BDRY) 694730N 0261340E							
	<u>079</u> 260	53.6	<u>FL 660</u> FL 65	BTN FL 660 - FL 95: C BLW FL 95: D	Odd	Even	For continuation, see AIP Norway. ATS is provided by NORWAY CONTROL. For continuation, see AIP Norway. PERM
R VADLA (FIR BDRY) 694506N 0284743E							
END							

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ENR 4.4 LUETTELO ILMOITTAUTUMISPAIKOISTA**VIISIKIRJAIMISET IFR-ILMOITTAUTUMISPAIKAT**

Alla oleva luettelo sisältää reittisuunnistukseen tarkoitetut viisikirjaimiset IFR-ilmoittautumispaikat.

Merkitys FRA toimintaan on mainittu sarakkeessa 3.

FRA käytettävyys / *availability*

A = FRA Arrival Transition Point

D = FRA Departure Transition Point

E = FRA Entry Point

I = FRA Intermediate point

NA = Not available

X = FRA Exit Point

Huom. 1: Taulukko ei sisällä niitä ilmoittautumispaikkoja, jotka liittyvät yksinomaan lentoaseman IFR-menetelmiin. Ne on julkaistu WAYPOINTS AND FIXES taulukossa asianomaisen lentoaseman sivulla AD 2.15.

Huom. 2: Ilmoittautumispaikkoja BALTI, DOBAN ja MOHNI voidaan käyttää myös FRA Intermediate pisteinä yli lentopinnan FL 285.

Huom. 3: Seuraavia ilmoittautumispaikkoja voidaan käyttää FRA Entry ja FRA Exit pisteinä välillä FL 095 - FL 285:

BAKLA, BEXUL, BODRI, DOPUD, EKMIK, EVLAN, IRGAL, LAMPI, MAGON, MISMO, NISIX, OGLAV, SUTEV, TOGMI, TUVLU, VALAK.

Huom. 4: Seuraavat ilmoittautumispaikat ovat FRA Exit pisteitä alle FL 285: KELAS, KOSKA, LUPET, NEBET, OGLOB, POKAS, RUNGA, XONTU

Huom. 5: Ilmoittautumispaikat ALAMI, DODAM ja RIKUM ovat FRA Entry pisteitä alle FL 285.

ENR 4.4 NAME-CODE DESIGNATORS FOR SIGNIFICANT POINTS**FIVE-LETTER NAME-CODES FOR IFR SIGNIFICANT POINTS**

The list below contains five-letter name-codes for IFR significant points for en-route navigation.

FRA relevance is given in column 3.

Note 1: The list does not contain significant points exclusively for aerodrome IFR procedures. Such points are published in the WAYPOINTS AND FIXES table of the appropriate aerodrome on page AD 2.15.

Note 2: REP points BALTI, DOBAN and MOHNI are also available for FRA Intermediate Point above FL 285.

Note 3: The following REP points are available for FRA Entry Points and FRA Exit Points between FL 095 - FL 285.

BAKLA, BEXUL, BODRI, DOPUD, EKMIK, EVLAN, IRGAL, LAMPI, MAGON, MISMO, NISIX, OGLAV, SUTEV, TOGMI, TUVLU, VALAK

Note 4: The following REP points are FRA Exit Points below FL 285. KELAS, KOSKA, LUPET, NEBET, OGLOB, POKAS, RUNGA, XONTU

Note 5: REP points ALAMI, DODAM and RIKUM FRA Entry points below FL 285.

REP	COORD	FRA relevance	REF ATS RTE	REF AD
1	2	3	4	5
ABKEM	642855N 0254841E	A, D, I	L85	EFOU
ABLOP	680856N 0244518E	I	T311	
ABMAX	614325N 0284117E	A, D, I	M611	EFSA
ABOXU	633457N 0252329E	E, I, X	M857, N5	
ABSER	595350N 0225948E	I	L57, M6	
ADEDO	624616N 0250336E	D, I	T99, Y75	EFJY
ADEXU	684615N 0273711E	I	M613, M857	
ADIVO	601751N 0235853E	I	N872, Q1	
ADOPO	612524N 0264950E	D, I	M6, N87, N187, T82	EFHF, EFHK
ADSEB	605410N 0281559E	A, D, I	T99	EFLP
AGAMO	630848N 0311554E	NA	N866	
AGIVU	623854N 0295019E	E, I, X	N85, N198, N624, N866, P606, P739	
ALAMI	590252N 0205457E	I	N746, P606, T408	
AMASU	622243N 0232115E	A, D, I	T95	EFSI
AMROT	602938N 0234233E	I	L80, T95	
AMUBA	672154N 0262012E	I	M857	
AMULU	672249N 0242242E	D, I	T400	EFKT
AMUPO	610957N 0223817E	I	L87	EFTP
APTEN	662412N 0250422E	I	M607, T95	
ARBEV	613737N 0242940E	A, D, I	N198, N866, Y232, Y361	EFHA, EFTP
ARLOM	604725N 0274353E	A, D, I	Y358, Y359	EFLP, EFUT

REP	COORD	FRA relevance	REF ATS RTE	REF AD
1	2	3	4	5
ARVEP	601458N 0262357E	I	L24	
ASLUP	652355N 0250741E	D, I	M6	EFOU
ASPEM	621150N 0290603E	A, D, I	P606	EFSA
ASRIS	641123N 0271540E	I	M6, N15	
ASTIV	601405N 0242526E	NA		EFHK
ASTUX	623325N 0272715E	D, I	T83, T97	EFKU
ATLUL	623357N 0274617E	A, D, I	M6	EFKU
ATPEL	632358N 0223208E	A, D, I	T89, T255	EFKK
ATSEN	620437N 0251900E	A, I	M857	EFHA
AXUTI	625302N 0210425E	A, D, I	T89	EFVA
BAKLA	612145N 0192457E	I	N5, P609	
BALTI	595415N 0251506E	E, X	M611, M857, P854	
BAPTU	631704N 0225759E	A, D, I	P998	EFKK
BAVMO	635658N 0263301E	I	L85, N5, N15, N850	
BEDSO	652228N 0245631E	A, D, I	Y75	EFKE, EFOU
BEGSU	623657N 0214657E	A, D, I	N609, Y370	EFVA
BEPEN	615844N 0251843E	I	M857, N198	
BEVNA	655721N 0282256E	A, D, I	T89	EFKS
BEVOM	602752N 0222837E	I	Y368	
BEXUL	653534N 0240914E	A, D, I	L85, P853, Y365	EFKE
BODRI	622454N 0194927E	I	N15, T31, Y363	
BUPEG	624711N 0211334E	A, D, I	N15	EFVA
DEDIT	631530N 0202702E	I	T31	
DEVKA	600901N 0244601E	NA		EFHK
DIPUM	611300N 0245508E	I	Y75	
DISIB	605807N 0221414E	I	L80, T91	
DIVAM	595054N 0233537E	I	P606	EFHK
DIVEG	625444N 0214317E	I	N3, N15, N609, P609, P854, T89	
DOBAN	594758N 0242709E	E, X	L732, P739, P855, P870	
DODAM	600240N 0191806E	A, I	N873	EFMA
DODEP	634324N 0252356E	E, I, X	M857, N15	
DOPUD	680829N 0231918E	A, D, I	M745	EFET
EBEBU	600542N 0202716E	A, D, I	N851, Y81	EFMA
EBIXO	625445N 0281435E	I	N198, T83	
EKMIK	651506N 0234339E	I	T320	
EKNID	594300N 0220945E	I	M6, N624	
ELPEN	601850N 0252945E	NA		EFHK
ELPIR	601740N 0253519E	A		EFHF
ELPOP	634621N 0250603E	I	Y75	
ELSOV	624815N 0252107E	A, I	M857	EFJY
EMDUR	635934N 0233431E	A, D, I	T89	EFKK
EMPOM	601252N 0214240E	A, D, I	N8, T408	EFTU
ENETI	610429N 0233420E	A, D, I	T95	EFHF, EFHK, EFTP
ENEXI	691951N 0254510E	E, X	M613	
ENUTO	602853N 0244632E	NA		EFHK
EPAXU	611014N 0213431E	A, D, I	N850	EFPO
ERAKO	610051N 0220526E	I	L80, N609	
ERKOM	611335N 0274253E	A, D, I	T99	EFLP

REP	COORD	FRA relevance	REF ATS RTE	REF AD
1	2	3	4	5
ERNUT	611710N 0251647E	I	M857	
EROKU	620136N 0261656E	A, D, I	T99	EFJY
ERSAV	601830N 0243442E	NA		EFHK
ERTOP	620138N 0252535E	A, D, I	N198	EFHA, EFJY
ETENA	624944N 0284550E	A, D, I	N198	EFJO, EFKU
ETOBA	621120N 0294040E	I	L87, M611, N87, N88, N746	
ETROD	635705N 0274819E	A, D, I	M6, Y71	EFKI
EVADI	592023N 0215126E	A, I	P606, P608	EFHF, EFHK
EVIMI	671506N 0245502E	A, I	M852, T95	EFKT
EVIRO	602230N 0244754E	I	L24, M6, N872, P606, P854, P870, Y360, Z155	
EVLAK	692150N 0284256E	I	T400	
EVLAN	601508N 0190643E	I	L24, N866, Y96	
EVLIT	610247N 0230429E	A, D, I	N198	EFTP
EVOLA	683040N 0245836E	I	M745	
EVRIG	643337N 0281131E	A, D, I	Y71	EFKI
EVSET	645915N 0252804E	I	M6, M857	
EXIKU	625205N 0273114E	I	N198, T97	
EXUPA	602313N 0230638E	A, I	Q1	EFTU
EXUTI	680638N 0242059E	A, D, I	M6	EFET, EFKT
GALPI	625049N 0200825E	I	T31, T89	
GAPRO	691021N 0214746E	E, X	N150	
GATRI	645600N 0293700E	NA	N15	
GEMKU	613903N 0232551E	A, D, I	L732, P854, T95	EFTP
GIDKI	631718N 0231507E	A, D, I	T95	EFKK
GIKIT	603427N 0215851E	I	N198, T408	
GIRLA	601127N 0243343E	NA		EFHK
GISUX	630212N 0224836E	A, D, I	P998	EFISI
GITEV	673648N 0245018E	I	M6, T95, T400	
GODOB	644213N 0233334E	I	T70, Y370	
GOSVA	623128N 0252017E	I	M857, T99	
GOVMI	600847N 0252058E	NA		EFHK
GUBTU	623855N 0221157E	A, D, I	P854	EFVA
GULDU	650658N 0252830E	I	M857, T89	
IBEVU	654134N 0285742E	A, D, I	Y71	EFKS
IBOSU	613712N 0251743E	A, D, I	M857, T79	EFHA, EFHF, EFHK
IBSAN	664230N 0250105E	D, I	T95	EFRO
IBVAR	604409N 0204858E	I	N850, N866	
IBVUT	602135N 0212040E	A, I	L24	EFHF, EFHK
IDEPI	604239N 0254739E	A, I	M6	EFUT
IDMOP	602403N 0250309E	NA		EFHK
IDNIS	610527N 0220436E	A, D, I	N609	EFPO
INLOG	601018N 0265647E	X	T73	
INSOB	605118N 0210007E	I	L87, N850	
INTOR	594940N 0251112E	NA		EFHK
IPDUR	603815N 0220145E	I	N88, T408	
IPMOT	602711N 0231035E	A, D, I	Y368	EFTU
IRGAL	624950N 0200039E	I	T89, Y367	
IRLOT	600859N 0254450E	I	M611, T73	

REP	COORD	FRA relevance	REF ATS RTE	REF AD
1	2	3	4	5
IXONO	643530N 0244107E	A, D, I	T89, T255	EFOU
IXUBI	642834N 0280821E	I	N15, Y71	
KELAS	602807N 0191033E	I	L87, Y368	
KELEK	683012N 0282730E	E, X	M613, N2, Y77	
KETOL	614800N 0300500E	E, X	M854, N187	
KOKAT	624000N 0312231E	X	N746	
KOMEK	622518N 0310630E	E, X	N87, N198, T351	
KOSKA	591058N 0204034E	I	N8, N624, P998	
KOTOS	625244N 0202341E	I	T89	
KUVEM	601126N 0235614E	I	Y360	
LAKUT	602617N 0235235E	I	L24, L80, N851, Y368	EFHK
LAMPI	633219N 0210212E	I	P854, Y366	
LAPMU	692445N 0283156E	I	M745	
LEDUN	595830N 0260642E	E, X	L57, N872	
LIKSO	622654N 0222657E	I	P854, P998	
LIVLU	602035N 0212750E	D, I	N85, N198	EFTU
LOBGA	643927N 0244841E	I	T89	
LULAB	603021N 0250754E	NA		EFHK
LUPET	593825N 0195235E	I	L77, P608, Y360	
LUSAG	682039N 0262137E	A, D, I	T400, Y77	EFIV
LUSEP	605708N 0251553E	I	M857, T83	EFHK
MAGON	664407N 0235332E	I	M852	
MAMOP	603430N 0255904E	I	P606	
MAROM	602652N 0240237E	I	L24	
MIKNU	642639N 0252614E	D, I	M857, Y365	EFOU
MIMRU	631758N 0250453E	I	Y75	
MISMO	661029N 0234910E	I	M607	
MOHNI	595349N 0253506E	E, X	M854, M983	
NANIP	632146N 0271936E	I	L85	EFKU
NAPRU	613504N 0260540E	A, I	T83	EFHF, EFHK
NAPUN	604941N 0251622E	I	M857	
NAXEP	605910N 0263230E	A, D, I	Y363	EFUT
NEBAB	610634N 0225048E	A, D, I	Y232	EFTP
NEBET	670205N 0234301E	I	T400	
NEKUX	685834N 0274720E	A, D, I	M857, T400	EFIV
NEMGU	662024N 0244139E	A, D, I	M607	EFRO
NEPEK	604433N 0242908E	I	P854, Y357	
NEPIX	660630N 0250727E	A, D, I	M6, T95	EFKE, EFRO
NIDAG	601151N 0245050E	NA		EFHK
NIPIB	594057N 0230048E	I	N609, P606	
NIRPU	604627N 0220801E	A, D, I	N609, P855, T408	EFTU
NISIX	591907N 0202554E	I	M6, M851	
NISPO	624254N 0270726E	A, D, I	N198	EFKU
NISVI	610734N 0240255E	A, D, I	P854, Y362, Y363	EFHF, EFHK, EFTP
NITAS	601033N 0255829E	I	M854, T73	
NOPNI	645741N 0245843E	I	T70, T89, T320	
NUBVU	651204N 0254511E	A, D, I	T89	EFOU
NUNTO	600501N 0235337E	I	M6, Y369	

REP	COORD	FRA relevance	REF ATS RTE	REF AD
1	2	3	4	5
NUTRU	601724N 0252717E	NA		EFHK
OBEVI	592608N 0205523E	I	M6, N8	
ODESO	601934N 0223902E	I	N851	
ODRUB	640414N 0265422E	I	N15	
ODUSA	613101N 0225057E	I	Y363	
OGLAV	684959N 0211022E	I	N150	
OGLOB	595559N 0192744E	D, I	N850	EFMA
OGTUD	633934N 0231230E	I	P998, T95	
OKEVU	591419N 0213136E	I	P606	
OLEMA	601400N 0272830E	X	L24	
OLGUB	620456N 0272149E	I	M6	
OLNOP	661119N 0244219E	D, I	T404	EFRO
OLPED	593459N 0213339E	D, I	L77, M6	EFHF, EFHK
OSDIL	614251N 0215737E	A, D, I	N609	EFPO
OSKEK	624007N 0250322E	D, I	Y75	EFJY
OSLIT	665145N 0252423E	A, I	M6	EFRO
OSTOT	591715N 0221043E	I	M851, P608	
OTBAR	635002N 0252416E	I	M857	
OTKAP	610446N 0272323E	A, D, I	M611, P606	EFUT
OTKIL	602830N 0212204E	A, D, I	N88, Y368	EFHF, EFHK, EFTU
OTLUD	620939N 0250211E	D, I	Y75	EFHA
OTPAL	611608N 0254032E	I	T83	
OTVEG	621714N 0223851E	I	P854, Y367	
OTVEM	650819N 0241322E	A, D, I	T320	EFOU
PEKUX	602419N 0223732E	I	L24	
PENAD	601642N 0252936E	NA		EFHK
PENIV	612847N 0220017E	I	N609, N850	
PEPIG	600829N 0223559E	I	N609, N872, Y81	
PETOT	593040N 0230831E	I	L77, N609, Y96	
PEXEN	595447N 0234928E	I	P606, T73	
PIDOP	613510N 0280845E	I	N187, P606	
PIRUX	590300N 0211000E	NA	AVBL for state ACFT only	
PISIM	593300N 0231000E	NA	AVBL for state ACFT only	
PISOX	594641N 0224504E	I	Y369	
POGOK	595928N 0212316E	D, I	N872	EFHF, EFHK
POKAS	595853N 0192333E	I	N88	
RASRU	631401N 0210002E	I	N3	
RATLA	605130N 0282018E	E, X	P853, T99, Y357, Y359, Y363, Y366, Y367	
RATMU	601416N 0263209E	D, I	L24, T73, Y357, Y358	EFHF, EFHK
REBGO	615109N 0271030E	A, D, I	M6	EFMI
REDBO	602538N 0245152E	NA		EFHK
REKDO	592635N 0213340E	D, I	N624, Y369	EFHF, EFHK
RENKU	595309N 0245348E	D		EFHF, EFHK
RENVU	660434N 0253154E	A, D, I	M857, Y86	EFRO
RERBU	631356N 0221513E	A, D, I	T89, Y370	EFVA
RERGA	622714N 0262753E	A, D, I	N198	EFJY
RERLO	611653N 0225747E	I	N866, Y362	
RIBVU	650850N 0250745E	I	M6, T70, Y75, Y365	

REP	COORD	FRA relevance	REF ATS RTE	REF AD
1	2	3	4	5
RIDVI	692323N 0283603E	I	T311	
RIKUM	595815N 0192429E	A, I	N851, Y370	EFMA
RILBO	601137N 0241643E	NA		EFHK
RIPVI	601624N 0243507E	NA		EFHK
RIRIP	601210N 0212603E	A, I	N851	EFHF, EFHK
RISEV	623153N 0303014E	A, D, I	N198	EFJO
RIVUM	614003N 0285105E	A, D, I	N187	EFSA
ROGTU	612931N 0205811E	A, D, I	Y357	EFPO
ROKVI	605139N 0270123E	A, I	M611, M854, P606, T351	EFHF, EFHK
ROLAT	601757N 0253120E	NA		EFHK
ROMOP	615124N 0250129E	I	N198, Y75	
ROPAM	600759N 0253606E	A, I	N872, T73	EFHK
ROTKO	665738N 0255740E	A, D, I	M857, T404	EFRO
ROVAN	694750N 0283151E	E, X	M857	
ROVTI	614659N 0262150E	I	T83, Y361	
RUBSI	654151N 0243850E	I	T95, Y370	
RUMEP	593045N 0222556E	I	P606	
RUNES	693939N 0282239E	I	M857	
RUNGA	594459N 0194327E	I	L57, N85, N872	
SIVNU	693428N 0291416E	E, X	M745, T311, T400	
SOSIP	622611N 0273939E	I	M6	
SOTIT	681411N 0271140E	A, D, I	M857, N2	EFIV
SOTUP	601720N 0203726E	A, D, I	N88	EFMA
SUBUG	624129N 0212229E	A, D, I	P609	EFVA
SUDAT	595430N 0251952E	NA	Not for FPL purposes	
SUTEV	643314N 0224416E	I	P998, T70, Y364	
SUVIB	642555N 0250744E	A, I	Y75	EFOU
TEVRU	604916N 0244929E	I	P870, Y75	
TINOS	694730N 0261340E	E, X	Z253	
TITIV	624134N 0274508E	I	M6, T83	
TOGMI	614543N 0193225E	I	L80, P855, Y357, Z155	
TUGPU	671726N 0252004E	D, I	M6	EFKT
TUNOV	621632N 0270259E	I	T83	
TUSBI	610405N 0261823E	I	M6	
TUVLU	674126N 0232943E	I	T311	
UBIGA	642305N 0264818E	A, D, I	M6	EFKI
UDVIM	615542N 0271413E	I	M6, Y361	
UGLUM	632455N 0273827E	A, D, E, I, X	M6, T83, T97	EFKU
UGMOR	643940N 0260830E	A, D, I	M6	EFOU
ULGEG	635145N 0232031E	I	T89, T95	
ULROM	662806N 0252813E	I	M6, M607, T404, Y86	
ULTIR	601514N 0251213E	I	M857, M983, N872, Y75	
ULTSI	603259N 0251727E	I	M6, M857, Y357	
ULVED	615553N 0284047E	I	N87, P606	
UMSES	610613N 0220911E	D, I	T91	EFPO
UMUGI	600214N 0224141E	I	N609, Y360	
UNURU	602753N 0244556E	NA		EFHK
UPAPU	601106N 0223334E	A, D, I	N609	EFTU

REP	COORD	FRA relevance	REF ATS RTE	REF AD
1	2	3	4	5
UPEDU	651753N 0252908E	A, D, I	M857	EFOU
UREDA	601420N 0243723E	NA		EFHK
USITU	595131N 0212157E	D, I	Y360	EFHF, EFHK
USUPO	613645N 0250056E	A, D, I	Y75	EFHA, EFHF, EFHK
UVATI	632329N 0211204E	A, D, I	P854	EFVA
UVEMO	610533N 0235058E	A, D, I	L732	EFTP
UVOPA	604625N 0222611E	A, D, I	N198	EFTU
UVOVO	622257N 0292401E	A, D, I	P606, T82	EFJO
UXADA	605100N 0223648E	A, I	L80, N198	EFHF, EFHK
UXEGA	612803N 0265633E	A, D, I	T82	EFMI
UXETI	600828N 0195452E	I	N88, N850, N873, Y232, Y370	
VABUB	623621N 0223240E	A, D, I	P998	EFSI
VADLA	694506N 0284743E	E, X	Z253	
VAGIP	601835N 0242520E	NA		EFHK
VALAK	632507N 0203427E	I	N3, T31	
VAMRA	601333N 0243327E	NA		EFHK
VAVED	615040N 0264339E	A, D, I	Y361	EFMI
VAXUN	635903N 0234218E	I	T255	
VEKUV	625847N 0274850E	I	L85, N198, Y364	
VEPIN	603753N 0261959E	D, I	P606, Y359	EFHK, EFUT
VETUD	603030N 0244841E	NA		EFHK
XELMA	615605N 0253746E	D, I	T79	EFJY
XETMU	675224N 0252155E	A, D, I	T400	EFKT
XETNI	604120N 0221430E	I	N88, N198	
XEVAP	645013N 0241836E	A, D, I	T70	EFOU
XEVLO	632157N 0252249E	E, I, X	M857, N8, N850	
XOMRI	602634N 0251338E	NA		EFHK
XONTU	655626N 0240436E	I	T404	
XORMU	611928N 0223854E	A, D, I	Y362	EFPO, EFTP

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ENR 5 ILMATILAA KOSKEVAT RAJOITUKSET JA VAROITUKSET

ENR 5.1 KIELTO-, RAJOITUS- JA VAARA-ALUEET

Alla on esitetty pysyvät kielto-, rajoitus- ja vaara-alueet.

Huom.: Ks. Index-kartat, ENR 6.3.

Tilapäisten kielto-, rajoitus- ja vaara-alueiden perustaminen julkaistaan NOTAMilla tai AIP Supplementilla.

5.1.1 Kieltoalueet

5.1.1.1 Kieltoalueilla sijaitsevien laitosten samoin kuin laitosten ympäristön turvallisuuden varmistamiseksi on ilmailla näillä alueilla kielletty.

5.1.1.2 Liikenteen turvallisuusvirasto voi kuitenkin erityisistä syistä myöntää luvan lentämiseen kieltoalueella. Tällaista lupaa ei vaadita, jos kysymyksessä on kieltoalueella sijaitsevan laitoksen huoltoon tai muuhun sen toimintaan ja käyttöön nimenomaisesti liittyvä lento.

Lupaa kieltoalueella lentämiseen on haettava Liikenteen turvallisuusviraston lomakkeella "Lupa-hakemus kielto- ja rajoitusalueelle lentämiseen (LU3630)" viimeistään seitsemän vuorokautta ennen suunniteltua lentoa. Lupa kieltoalueella lentämiseen myönnetään kutakin lentoa varten erikseen.

ENR 5 NAVIGATION WARNINGS

ENR 5.1 PROHIBITED, RESTRICTED AND DANGER AREAS

Permanent prohibited, restricted and danger areas are given below.

Note: See Index charts, ENR 6.3.

The establishment of temporary prohibited, restricted and danger areas will be promulgated by NOTAM or by AIP Supplement.

5.1.1 Prohibited areas

5.1.1.1 Flights within prohibited areas are not permitted in order to guarantee the safety of constructions and establishments located within these areas.

5.1.1.2 However, for special reasons, a permission to fly within a prohibited area can be granted by the Finnish Transport Safety Agency. Such permission is not required if the flight is particularly associated with maintenance or other function and use of the constructions and establishments within the prohibited area.

The customer form LU3630 shall be used for the application. The application shall reach the authority not later than 7 days prior to the intended flight. Permission will be granted for each individual flight separately.

Designation	Vertical limits	Activity type	Hours of applicability	RMK
1	2	3	4	5
EFP20 LOVIISA 602428N 0262215E - 602308N 0262514E - 602002N 0262522E - 601957N 0261825E - 602141N 0261608E - 602424N 0261559E - 602428N 0262215E	FL 65 SFC	NUCLEAR	H24	
EFP25 OLKILUOTO 611714N 0212535E - 611442N 0213258E - 611109N 0212736E - 611341N 0212013E - 611714N 0212535E	FL 65 SFC	NUCLEAR	H24	
EFP30 KILPILAHTI 601935N 0253145E - 601743N 0252826E - 601715N 0253230E - 601900N 0253340E - 601935N 0253145E	1300 FT MSL SFC	REFINERY, CHEMICAL	H24	
EFP35 MEILAHTI 601119N 0245408E - 601110N 0245433E - 601106N 0245446E - 601045N 0245447E - 601054N 0245327E - 601118N 0245326E - 601119N 0245408E	500 FT MSL SFC	VIP	H24	
EFP40 MUNKKINIEMI 601142N 0245216E - 601138N 0245232E - 601133N 0245245E - 601126N 0245238E - 601128N 0245217E - 601142N 0245216E	500 FT MSL SFC	VIP	H24	
EFP45 LUONNONMAA 602832N 0220006E - 602812N 0220100E - 602743N 0220115E - 602738N 0220106E - 602748N 0220032E - 602745N 0215947E - 602752N 0215947E - 602803N 0215931E - 602800N 0215918E - 602818N 0215910E - 602832N 0220006E	500 FT MSL SFC	VIP	H24	
EFP50 KRUUNUNHAKA 601027N 0245730E - 601003N 0245732E - 601002N 0245658E - 601022N 0245655E - 601027N 0245702E - 601027N 0245730E	500 FT MSL SFC	VIP	H24	
EFP55 HANHIKIVENNIEMI 643237N 0241647E - 643144N 0241750E - 643047N 0241600E - 643200N 0241314E - 643232N 0241448E - 643237N 0241647E	FL 65 SFC	NUCLEAR	H24	

5.1.2 Rajoitusalueet

5.1.2.1 Suomen ilmatilassa olevat rajoitusalueet on jaettu kolmeen ryhmään: 1) pysyvästi voimassa olevat rajoitusalueet, 2) pysyvät tilapäisesti voimassa olevat rajoitusalueet ja 3) erikseen perustettavat tilapäiset rajoitusalueet. Rajoitusalueilla ilmailu on luvanvaraista seuraavin erityisehdoin:

5.1.2.2 Lupaa ilmailuun aktiiviseksi ilmoitetulla ryhmien 1) ja 2) mukaisella rajoitusalueella haetaan Puolustusvoimilta (yhteystiedot, ks. Kohta 5.1.2.8). Lupaa on haettava Puolustusvoimien lomakkeella "Lupahakemus rajoitusalueella lentämiseen" viimeistään seitsemän vuorokautta ennen suunniteltua lentoa, ellei Suomea sitovasta kansainvälisestä velvoitteesta muuta johdu. Lupahakemus on saatavilla osoitteesta www.puolustusvoimat.fi (Asiointi/lomakkeet).

- 1) Pysyvästi voimassa olevat rajoitusalueet
- 2) Pysyvät tilapäisesti käytössä olevat rajoitusalueet
- 3) Erikseen perustettavat tilapäiset rajoitusalueet (TEMPO EFR).

5.1.2.3 Lupa ilmailuun rajoitusalueella myönnetään kutakin lentoa varten erikseen tai erityistapauksissa määräajaksi.

5.1.2.4 Lupaa ei tarvita silloin, kun alueet eivät ole aktiivisia.

5.1.2.5 Liikenteen turvallisuusviraston perustamille tilapäisille rajoitusalueille annetaan lupaehdot alueen perustamisen yhteydessä.

5.1.2.6 Rajoitusalueella EFR100 lentämiseen lupaa ei tarvita valtakunnan rajan ylittävältä lentosuunnitelman esittäneeltä ilmailiikenteeltä.

5.1.2.7 Lupa perustuvasta lennosta rajoitusalueelle on esitettävä lentosuunnitelma ilmailiikennepalvelun tarjoajalle viimeistään kaksi tuntia ennen ilma-aluksen lentoonlähtöä.

5.1.2.8 Lupahakemuksen osoittaminen

Pääesikunta, operatiivinen osasto
PL 919
00131 HELSINKI
permit.defcom@mil.fi
Lisätietoja: TEL 0299 800 (vaihde)

5.1.2 Restricted areas

5.1.2.1 The restricted areas within the Finnish airspace are divided into three categories: 1) permanently activated restricted areas, 2) temporarily activated permanent restricted areas and 3) separately established temporary restricted areas. Flights within restricted areas are subject to the following special provisions:

5.1.2.2 A prior permission for flights within categories 1) and 2) restricted areas shall be obtained from the Defence Forces (contact details, see para 5.1.2.8). The permission shall be applied by using the Defence Force's application form "Application for flight into restricted area" at least 7 days prior to the intended flight, unless otherwise stated in international agreements binding on Finland. The application form is available at www.puolustusvoimat.fi (Asiointi/lomakkeet).

- 1) Permanently activated restricted areas
- 2) Temporarily activated permanent restricted areas
- 3) Separately established temporary restricted areas (TEMPO EFR).

5.1.2.3 Permission for flights within a restricted area can be granted for individual flights or, under special circumstances, for a set time.

5.1.2.4 Permission is not required when the areas are not active.

5.1.2.5 The provisions for temporary restricted areas established by the Finnish Transport Safety Agency (Trafi) are given in connection of the establishment.

5.1.2.6 For a flight within EFR100 crossing the state border that has submitted a flight plan, no permission is required.

5.1.2.7 In addition, a flight plan for each permitted flight shall be submitted to the air traffic provider at least two hours before departure.

5.1.2.8 Contact details for application

Defence Command Finland, Operations Division
P.O.Box 919
FI-00131 HELSINKI, Finland
permit.defcom@mil.fi
Additional information: TEL +358 299 800 (exchange)

Designation Lateral limits	Vertical limits	Activity type	Time of activity	RMK
1	2	3	4	5
EFR10 KIRKONMAA-RANKKI 602301N 0265449E - 602301N 0270749E - 602113N 0270838E - 602113N 0265719E - 602301N 0265449E	<u>2000 FT MSL</u> SFC	MILOPS	H24	
EFR21 ISOSAARI 600646N 0245949E - 600646N 0250549E - 600513N 0250549E - 600513N 0245949E - 600646N 0245949E	<u>2000 FT MSL</u> SFC	MILOPS	H24	
EFR30 KATAJALUOTO 600625N 0245307E - 600625N 0245558E - 600513N 0245558E - 600513N 0245307E - 600625N 0245307E	<u>2000 FT MSL</u> SFC	MILOPS	H24	
EFR35 MÄKILUOTO 595631N 0241810E - 595631N 0242413E - 595431N 0242413E - 595210N 0241810E - 595631N 0241810E	<u>2000 FT MSL</u> SFC	MILOPS	H24	
EFR37 UPINNIEMI 600251N 0241810E - 600251N 0242413E - 595852N 0242413E - 595852N 0241810E - 600251N 0241810E	<u>2000 FT MSL</u> SFC	MILOPS	H24	
EFR43 HÄSTÖ-BUSÖ 595100N 0231648E - 595100N 0232249E - 594948N 0232249E - 594948N 0231648E - 595100N 0231648E	<u>2000 FT MSL</u> SFC	MILOPS	H24	
EFR45 RUSSARÖ 594700N 0225348E - 594700N 0225748E - 594500N 0225748E - 594500N 0225348E - 594700N 0225348E	<u>2000 FT MSL</u> SFC	MILOPS	H24	
EFR50 ÖRÖ 595000N 0221648E - 595000N 0222109E - 594931N 0222148E - 594700N 0222148E - 594700N 0221648E - 595000N 0221648E	<u>2000 FT MSL</u> SFC	MILOPS	H24	
EFR53 UTÖ 594830N 0211948E - 594830N 0212448E - 594600N 0212448E - 594600N 0211848E - 594830N 0211948E	<u>2000 FT MSL</u> SFC	MILOPS	H24	
EFR54 KORPPOO-GYLTÖ 600800N 0212653E - 600800N 0213118E - 600603N 0213100E - 600603N 0212313E - 600800N 0212653E	<u>2000 FT MSL</u> SFC	MILOPS	H24	
EFR56 KIRKONMAA-RANKKI 602301N 0264849E - 602301N 0270749E - 601655N 0271036E - 601855N 0264849E - 602301N 0264849E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR57 KIRKONMAA-RANKKI 601855N 0264849E - 601655N 0271036E - 601417N 0271148E - 601630N 0264746E - 601855N 0264849E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR58 KIRKONMAA-RANKKI 601630N 0264746E - 601417N 0271148E - 601201N 0271249E - 601201N 0264549E - 601630N 0264746E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR59 HAMINA 604044N 0273603E - 603119N 0273552E - 603123N 0271401E - 604020N 0271621E - 604044N 0273603E	<u>4000 FT MSL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR60 KUIVASSALMI 645048N 0290500E - 645041N 0291235E - 644800N 0291221E - 644839N 0290500E - 645048N 0290500E	<u>FL 170</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR61 TAIPALSAARI 611525N 0275401E - 611702N 0280013E - 611649N 0280155E - 611501N 0280213E - 611313N 0275625E - 611525N 0275401E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR62 JUKAJÄRVI (LOHIKOSKI) 613401N 0284749E - 613401N 0285249E - 613201N 0285249E - 613201N 0284749E - 613401N 0284749E	<u>FL 170</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR63 KARKIALAMPI 615001N 0270942E - 615001N 0271542E - 614507N 0271542E - 614213N 0271412E - 614231N 0271230E - 614501N 0270942E - 615001N 0270942E	<u>2300 FT MSL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR64A SANTAHAMINA 600919N 0250231E - 600900N 0250700E - 600646N 0250549E - 600646N 0245949E - 600919N 0250231E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR64B SANTAHAMINA 600900N 0250700E - 600849N 0251049E - 600731N 0251325E - 600604N 0251140E - 600646N 0250549E - 600900N 0250700E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area

Designation Lateral limits	Vertical limits	Activity type	Time of activity	RMK
1	2	3	4	5
EFR65 ISOSAARI 600646N 0245949E - 600646N 0250549E - 600513N 0250549E - 600513N 0245949E - 600646N 0245949E	<u>FL 390</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR66 ISOSAARI 600646N 0250549E - 600604N 0251140E - 600513N 0250549E - 600646N 0250549E	<u>FL 390</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR67 ISOSAARI 600513N 0245949E - 600513N 0250549E - 600604N 0251140E - 600731N 0251325E - 600331N 0252302E - 600001N 0252001E - 600001N 0245949E - 600513N 0245949E	<u>FL 390</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR68 HUKKAKERO 675846N 0255732E - 675311N 0255759E - 675301N 0254315E - 675835N 0254244E - 675846N 0255732E	<u>FL 200</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR69 HIUKKAVAARA 650231N 0253646E - 650149N 0254216E - 650101N 0254047E - 650043N 0253516E - 650231N 0253646E	<u>FL 170</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR70 KONTIORANTA 624413N 0294701E - 624407N 0295001E - 624213N 0294955E - 624131N 0294837E - 624131N 0294643E - 624413N 0294701E	<u>3000 FT MSL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR71 HIIENVAARA (KOITERE) 630602N 0303449E - 630602N 0304049E - 630302N 0304049E - 630302N 0303449E - 630602N 0303449E	<u>FL 170</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR72 SOTINPURO 633200N 0283424E - 632819N 0284730E - 632500N 0284630E - 632343N 0283700E - 632749N 0283000E - 633200N 0283424E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR73A POHJANKANGAS 620728N 0223320E - 615557N 0224635E - 614310N 0222815E - 614757N 0221659E - 620102N 0221323E - 620728N 0223320E	<u>FL 95</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR73B POHJANKANGAS 621000N 0220000E - 621000N 0223030E - 620728N 0223320E - 620102N 0221323E - 614757N 0221659E - 614310N 0222815E - 614447N 0220957E - 615005N 0220006E - 621000N 0220000E	<u>FL 95</u> 3500 FT MSL	MILOPS	NOTAM	AMC manageable area
EFR73C POHJANKANGAS 623037N 0220000E - 623037N 0220603E - 621000N 0223030E - 621000N 0220000E - 623037N 0220000E	<u>FL 95</u> 3500 FT MSL	MILOPS	NOTAM	AMC manageable area
EFR75 MÄKILUOTO 595631N 0241810E - 595631N 0242413E - 595431N 0242413E - 595210N 0241810E - 595631N 0241810E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR76 MÄKILUOTO 595631N 0241810E - 595210N 0241810E - 594457N 0235904E - 595600N 0240049E - 595522N 0241531E - 595631N 0241810E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR77 UPINNIEMI 595600N 0240049E - 600251N 0241810E - 600251N 0242413E - 595631N 0242413E - 595631N 0241810E - 595522N 0241531E - 595600N 0240049E	<u>FL 390</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR78 HÄSTÖ-BUSÖ 594948N 0232249E - 594948N 0233149E - 594100N 0233149E - 594100N 0232649E - 594948N 0232249E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR79 HÄSTÖ-BUSÖ 595100N 0231648E - 595100N 0232249E - 594948N 0232249E - 594100N 0232649E - 594100N 0231219E - 594948N 0231648E - 595100N 0231648E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR80 RUSSARÖ 594848N 0225418E - 594948N 0231648E - 594100N 0231219E - 594100N 0230519E - 594500N 0225748E - 594700N 0225748E - 594700N 0225348E - 594848N 0225418E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR81 RUSSARÖ 594700N 0225348E - 594700N 0225748E - 594500N 0225748E - 594500N 0225348E - 594700N 0225348E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR83 SYNDALEN 595300N 0230955E - 595300N 0231500E - 594943N 0231500E - 594924N 0230748E - 595230N 0230748E - 595300N 0230955E	<u>FL 170</u> SFC	MILOPS	NOTAM	AMC manageable area

Designation Lateral limits	Vertical limits	Activity type	Time of activity	RMK
1	2	3	4	5
EFR84 ÖRÖ 595100N 0221548E - 595100N 0221948E - 594400N 0222912E - 594400N 0220948E - 595100N 0221548E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR85 ÖRÖ 594400N 0220948E - 594400N 0222912E - 593800N 0223648E - 593800N 0220448E - 594400N 0220948E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR87 UTÖ 594830N 0211745E - 594830N 0212448E - 594624N 0213518E - 593536N 0211348E - 593818N 0210948E - 594830N 0211745E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR88 KORPPOO-GYLTÖ 600800N 0212653E - 600800N 0213118E - 595800N 0212948E - 600030N 0211248E - 600800N 0212653E	<u>FL 100</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR89 REILA 611000N 0205748E - 610900N 0212348E - 610230N 0212348E - 605700N 0205748E - 611000N 0205748E	<u>FL 390</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR91 RAASI 604710N 0222148E - 604700N 0222333E - 604630N 0222333E - 604630N 0222148E - 604710N 0222148E	<u>3000 FT MSL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR92A ROVAJÄRVI 664144N 0261934E - 663814N 0262704E - 663638N 0261828E - 663856N 0261428E - 664144N 0261934E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR92B ROVAJÄRVI 663940N 0263532E - 663814N 0262704E - 664144N 0261934E - 665050N 0261628E - 665525N 0262019E - 665609N 0263314E - 663940N 0263532E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR92C ROVAJÄRVI 664201N 0265029E - 663940N 0263532E - 665609N 0263314E - 665705N 0265023E - 665005N 0264457E - 664201N 0265029E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR92D ROVAJÄRVI 664303N 0270634E - 664201N 0265029E - 665005N 0264457E - 665705N 0265023E - 665006N 0270650E - 664303N 0270634E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR92E ROVAJÄRVI 665525N 0262019E - 665908N 0262326E - 670330N 0263506E - 665705N 0265023E - 665609N 0263314E - 665525N 0262019E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR93 NIINISALO 620049N 0222115E - 620201N 0223015E - 615920N 0223001E - 615728N 0223042E - 615133N 0222924E - 615035N 0222451E - 615522N 0222415E - 620049N 0222115E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR94 HÄTILÄ 610232N 0243019E - 610339N 0243728E - 610313N 0244019E - 610234N 0243754E - 610119N 0243511E - 610130N 0243127E - 610232N 0243019E	<u>FL 170</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR95 HÄLVÄLÄ 610144N 0252649E - 610144N 0252953E - 605954N 0252959E - 605956N 0252509E - 610144N 0252649E	<u>FL 170</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR96 VUORISJÄRVI 620353N 0245014E - 620418N 0245157E - 620331N 0245241E - 620304N 0245057E - 620353N 0245014E	<u>3300 FT MSL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR97 KEURUU 621531N 0243630E - 621543N 0243748E - 621501N 0244012E - 621343N 0243930E - 621419N 0243642E - 621531N 0243630E	<u>4300 FT MSL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR98 ÄHTÄRI 623732N 0243025E - 623624N 0243032E - 623620N 0242805E - 623728N 0242757E - 623732N 0243025E	<u>4300 FT MSL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR99A LOHTAJA 642257N 0233123E - 641136N 0233400E - 640001N 0232747E - 635701N 0225047E - 642001N 0232646E - 642257N 0233123E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR99B LOHTAJA 640001N 0232747E - 635712N 0231524E - 635701N 0225047E - 640001N 0232747E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area

Designation Lateral limits	Vertical limits	Activity type	Time of activity	RMK
1	2	3	4	5
EFR100 690414N 0285223E - 690307N 0285545E - jatkuen pitkin Venäjän valtion rajaa pisteeseen / further along the Russian state border to the point 601201N 0271735E - 601201N 0264549E - 601401N 0264549E - 601401N 0271149E - 601601N 0272249E - 603501N 0274549E - 603843N 0275226E - 604212N 0275847E - 604545N 0280546E - 604806N 0280811E - 604828N 0281110E - 605232N 0281725E - 605541N 0282358E - 605900N 0283004E - 605851N 0283741E - 610330N 0283953E - 610632N 0284524E - 610815N 0284607E - 611044N 0285432E - 611346N 0290227E - 611702N 0291137E - 612140N 0291631E - 612457N 0292135E - 612809N 0292641E - 613051N 0292638E - 613123N 0293401E - 613548N 0294125E - 614021N 0294631E - 614343N 0295259E - 614654N 0295935E - 614942N 0300102E - 615322N 0300808E - 615726N 0301404E - 620124N 0302042E - 620518N 0302657E - 620921N 0303313E - 621349N 0303649E - 621420N 0304138E - 621740N 0304740E - 622104N 0305357E - 622430N 0310008E - 622759N 0310623E - 623033N 0310755E - 623126N 0311056E - 623559N 0311452E - 624011N 0311828E - 624352N 0312039E - 624719N 0312244E - 625059N 0312707E - 625425N 0313106E - 625829N 0312728E - 625924N 0312345E - 630105N 0312258E - 630307N 0311853E - 630540N 0311242E - 630858N 0311145E - 631215N 0311047E - 631426N 0310524E - 631636N 0305959E - 631702N 0305625E - 631958N 0305249E - 632039N 0304906E - 632258N 0304506E - 632446N 0303541E - 632642N 0302625E - 633137N 0302018E - 633349N 0301309E - 633752N 0300701E - 634158N 0295938E - 634453N 0295432E - 634628N 0295458E - 634845N 0300416E - 635039N 0301243E - 635549N 0301617E - 635953N 0302347E - 640328N 0302810E - 640709N 0302957E - 640830N 0302743E - 641219N 0302355E - 641403N 0302612E - 641524N 0301851E - 641715N 0301801E - 641931N 0301109E - 642018N 0300443E - 642333N 0295901E - 642719N 0295926E - 643150N 0295524E - 643627N 0295622E - 643847N 0300403E - 644215N 0295935E - 644445N 0295831E - 644552N 0300016E - 644551N 0295129E - 644551N 0294219E - 644844N 0293714E - 644958N 0293752E - 645110N 0293519E - 645525N 0293248E - 645728N 0293318E - 645934N 0293207E - 650437N 0293415E - 650706N 0294251E - 650707N 0294712E - 650845N 0294500E - 651136N 0294905E - 651214N 0294127E - 651234N 0293516E - 651524N 0293204E - 651722N 0293301E - 651827N 0293554E - 652112N 0294037E - 652241N 0293946E - 652620N 0293957E - 652947N 0294023E - 653336N 0294648E - 653540N 0294159E - 653857N 0293847E - 654118N 0294943E - 654333N 0300101E - 654255N 0300350E - 654806N 0300210E - 655322N 0300014E - 655834N 0295620E - 660225N 0295422E - 660701N 0295140E - 661125N 0294502E - 661554N 0293759E - 661950N 0293509E - 662354N 0293152E - 662800N 0292824E - 663156N 0292439E - 663627N 0291833E - 664100N 0291246E - 664523N 0290621E - 664644N 0290223E - 664818N 0290226E - 665043N 0285939E - 665258N 0285848E - 665604N 0285736E - 665952N 0285944E - 670316N 0290501E - 670639N 0291022E - 671000N 0291542E - 671325N 0292102E - 671650N 0292609E - 671929N 0292750E - 672141N 0293323E - 672413N 0293847E - 672815N 0294453E - 673205N 0295155E - 673559N 0295408E - 673953N 0295621E - 674335N 0294610E - 674714N 0293601E - 675116N 0293106E - 675516N 0292613E - 675916N 0292118E - 680316N 0291622E - 680508N 0290601E - 680659N 0285538E - 680848N 0284522E - 681039N 0283500E - 681505N 0283218E - 681927N 0282935E - 682351N 0282647E - 682813N 0282405E - 683235N 0282123E - 683634N 0282655E - 684032N 0283232E - 684430N 0283811E - 684748N 0284026E - 685106N 0284242E - 685134N 0283854E - 685138N 0282535E - 685511N 0281930E - 685804N 0283029E - 690108N 0284121E - 690414N 0285223E	UNL SFC	UAV, OTHER	H24	
EFR101 ISOSAARI 595620N 0251653E - 595636N 0251010E - 595539N 0245949E - 600001N 0245949E - 600001N 0252001E - 595620N 0251653E	FL 390 SFC	MILOPS	NOTAM	AMC manageable area

Designation Lateral limits	Vertical limits	Activity type	Time of activity	RMK
1	2	3	4	5
EFR102 KUIVASAARI 595539N 0245949E - 595517N 0245548E - 595356N 0244912E - 600513N 0245558E - 600625N 0245558E - 600646N 0245949E - 600513N 0245949E - 600001N 0245949E - 595539N 0245949E	<u>FL 390</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR103 KATAJALUOTO 595356N 0244911E - 595331N 0244707E - 595256N 0244448E - 600105N 0244014E - 600625N 0245307E - 600625N 0245558E - 600513N 0245558E - 595356N 0244911E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR104 KATAJALUOTO 595256N 0244448E - 595041N 0243551E - 595739N 0243154E - 600105N 0244014E - 595256N 0244448E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR105 KATAJALUOTO 595041N 0243551E - 594901N 0242918E - 594748N 0241956E - 594738N 0241810E - 595210N 0241810E - 595431N 0242413E - 595631N 0242413E - 595631N 0242907E - 595739N 0243154E - 595041N 0243551E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR106 KATAJALUOTO 594738N 0241810E - 594701N 0241222E - 594634N 0240917E - 594754N 0240651E - 595210N 0241810E - 594738N 0241810E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR107 KATAJALUOTO 594634N 0240917E - 594510N 0235939E - 594754N 0240651E - 594634N 0240917E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR108 RUSSARÖ 593842N 0230418E - 593808N 0225127E - 593659N 0224211E - 593800N 0223648E - 594241N 0223053E - 594848N 0225418E - 594700N 0225348E - 594500N 0225348E - 594500N 0225748E - 594100N 0230519E - 593842N 0230418E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR109 ÖRÖ 593659N 0224211E - 593629N 0223804E - 593047N 0222347E - 592947N 0215919E - 593800N 0220448E - 593800N 0223648E - 593659N 0224211E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR110 ISOKARI 605124N 0201948E - 605407N 0202615E - 610737N 0204617E - 611001N 0204654E - 611000N 0205748E - 605700N 0205748E - 604600N 0205748E - 604600N 0201948E - 605124N 0201948E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR111A LOHTAJA 640127N 0221841E - 640239N 0222034E - 640409N 0222327E - 640609N 0222852E - 640726N 0223243E - 640747N 0223358E - 641044N 0224644E - 641204N 0225238E - 641312N 0225740E - 641813N 0225835E - 642138N 0225915E - 642234N 0225938E - 642348N 0230025E - 642450N 0230121E - 642621N 0230311E - 642001N 0232646E - 635701N 0225047E - 635600N 0222800E - 640127N 0221841E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR111B LOHTAJA 642621N 0230311E - 642741N 0230525E - 642900N 0230824E - 642950N 0231052E - 643054N 0231449E - 643428N 0232842E - 642257N 0233123E - 642001N 0232646E - 642621N 0230311E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR112A PAHKAJÄRVI 611348N 0265233E - 611348N 0270417E - 611223N 0270548E - 610815N 0270655E - 610740N 0270212E - 610816N 0265234E - 611348N 0265233E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR112B PAHKAJÄRVI 610816N 0265234E - 610740N 0270212E - 610707N 0270031E - 610551N 0265842E - 610448N 0265415E - 610440N 0265149E - 610816N 0265234E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR113 HUOVINRINNE 610340N 0222838E - 610301N 0223058E - 610202N 0223653E - 610100N 0223710E - 605849N 0223512E - 610043N 0222729E - 610153N 0222618E - 610340N 0222838E	<u>FL 190</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR114 KASSUNKURU 641052N 0274317E - 640931N 0274247E - 640725N 0274217E - 640749N 0273811E - 640931N 0273947E - 641023N 0274055E - 641052N 0274317E	<u>FL 170</u> SFC	MILOPS	NOTAM	AMC manageable area

Designation Lateral limits	Vertical limits	Activity type	Time of activity	RMK
1	2	3	4	5
EFR115 KYLÄJÄRVI 672408N 0261845E - 672532N 0262145E - 672502N 0262445E - 671932N 0262845E - 671932N 0261745E - 672408N 0261845E	<u>FL 170</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR116 KYLÄJÄRVI 672502N 0262445E - 672502N 0262745E - 671932N 0263545E - 671932N 0262845E - 672502N 0262445E	<u>FL 170</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR118 VUOSANKA 642619N 0285347E - 642614N 0290008E - 642222N 0290339E - 641949N 0290327E - 641629N 0285458E - 641632N 0285115E - 641949N 0284631E - 642533N 0284457E - 642542N 0284938E - 642619N 0285347E	<u>FL 240</u> SFC	MILOPS	NOTAM	AMC manageable area
EFR119A KERTTUVAARA 683802N 0273445E - 683802N 0274045E - 683602N 0274045E - 683602N 0273545E - 683802N 0273445E	<u>FL 170</u> SFC	MILOPS, UAV	NOTAM	AMC manageable area
EFR119B KERTTUVAARA 683802N 0274045E - 683632N 0274549E - 683434N 0273937E - 683602N 0273806E - 683602N 0274045E - 683802N 0274045E	<u>FL 170</u> SFC	MILOPS, UAV	NOTAM	AMC manageable area

5.1.3 Rajoitusalueiden suojavyöhykkeet (FBZ)

5.1.3.1 Ilmatilan hallintayksikön (AMC) hallinnoimien rajoitusalueiden ympärille on perustettu lennonsuunnittelussa huomioitavat suojavyöhykkeet - Flight Plan Buffer Zone (FBZ).

5.1.3 Flight plan buffer zones (FBZ) for restricted areas

5.1.3.1 Flight plan buffer zones (FBZ) are established around AMC Manageable restricted areas for flight planning purposes.

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFR109Z 594352N 0215626E - 594353N 0223855E - 594113N 0225258E - 593701N 0225442E - 593202N 0225119E - 593104N 0224313E - 592503N 0222810E - 592337N 0215309E - 592901N 0214636E - 594352N 0215626E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFR111AZ 643252N 0230441E - 642344N 0233840E - 641904N 0234145E - 635448N 0230330E - 635351N 0230031E - 635126N 0225819E - 634948N 0222152E - 635940N 0220458E - 640249N 0220433E - 640613N 0220952E - 640819N 0221353E - 641044N 0222026E - 641215N 0222458E - 641252N 0222709E - 641556N 0224028E - 641655N 0224446E - 641841N 0224505E - 642223N 0224546E - 642351N 0224622E - 642529N 0224729E - 642716N 0224856E - 643119N 0225348E - 643252N 0230441E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFR111BZ 644016N 0233441E - 643716N 0234149E - 642124N 0234523E - 641519N 0233547E - 641401N 0233012E - 641407N 0232259E - 642243N 0225053E - 642738N 0224832E - 643129N 0225457E - 643323N 0225915E - 643439N 0230300E - 643555N 0230740E - 644034N 0232549E - 644016N 0233441E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation

5.1.4 Vaara-alueet

5.1.4.1 Rajoiltaan määrättyä ilmatilaa, jossa voi määräaikoina tapahtua lennolla oleville ilma-aluksille vaarallista toimintaa.

5.1.4.2 Liikenteen turvallisuusviraston määräyksellä tai päätöksellä voidaan osoittaa vaara-alueiksi alueita, joissa vaihtelevasti määräaikoina saatetaan harjoittaa ilma-alusten lento-turvallisuuden vaarantavaa toimintaa. Ilma-alusten lentoturvallisuuden vaarantavan toiminnan alkamisesta ja lopumisesta on ilmoitettava alueenjohtajalle.

5.1.4.3 Vaara-alueilla on tavallisimmin purjelentotoimintaa, pilvipurjelentotoimintaa, laskuvarjohyppytoimintaa, miehittämättömien ilma-alusten lennätysä ja aktiivista lentokoulutus-toimintaa, joka käsittää usein poikkeuksellista ilma-alusten liikehdintää, kuten sakkauksia, syöksykierteitä jne.

5.1.4.4 Esitaktiset vaara-alueiden ilmatilavarauspyynnöt tulee osoittaa AMC:lle ASM-käsikirjan mukaisin menettelyin. Toimintapäivänä tehtävät ilmatilavarauspyynnöt tulee osoittaa AMC:lle puhelimitse (03) 386 9851.

5.1.4.5 Vaara-alueelle voi lentää ilma-aluksen päällikön harkinnalla.

5.1.4 Danger areas

5.1.4.1 This refers to a limited airspace where activities dangerous to aircraft may occur.

5.1.4.2 Upon the order or decision of the Finnish Transport Safety Agency (Trafí), areas where activities posing a danger to aircraft may occasionally occur can be designated as danger areas. The start and end of activities posing a danger to the air safety of aircraft must be reported to the area control centre.

5.1.4.3 Danger areas usually involve glider, cloud glider and parachute operations, unmanned aircraft flights and active training operations, consisting of irregular aircraft movements, such as stalling, tailspins, etc.

5.1.4.4 Pre-tactical airspace reservation requests in danger areas must be presented to AMC, following procedures set out in the ASM manual. Airspace reservation requests in operating days must be presented to AMC by calling +358 3 386 9851.

5.1.4.5 An aircraft may fly inside a danger area at its pilot in command's discretion.

ID Lateral limits	Vertical limits	Activity type	Time of activity	RMK
1	2	3	4	5
EFD101 ISOSAARI 595620N 0251653E - 595415N 0251506E - 595327N 0245949E - 595539N 0245949E - 595636N 0251010E - 595620N 0251653E	<u>FL 390</u> SFC	MILOPS	NOTAM	AMC manageable area
EFD102 KUIVASAARI 595356N 0244912E - 595517N 0245548E - 595539N 0245949E - 595327N 0245949E - 595259N 0245100E - 595226N 0244818E - 595356N 0244912E	<u>FL 390</u> SFC	MILOPS	NOTAM	AMC manageable area
EFD103 KATAJALUOTO 595256N 0244448E - 595331N 0244707E - 595356N 0244911E - 595226N 0244818E - 595149N 0244525E - 595256N 0244448E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFD104 KATAJALUOTO 595041N 0243551E - 595256N 0244448E - 595149N 0244525E - 594954N 0243617E - 595041N 0243551E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFD105 KATAJALUOTO 594738N 0241810E - 594748N 0241956E - 594901N 0242918E - 595041N 0243551E - 594954N 0243617E - 594601N 0241810E - 594738N 0241810E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFD106 KATAJALUOTO 594634N 0240917E - 594701N 0241222E - 594738N 0241810E - 594602N 0241810E - 594449N 0241229E - 594634N 0240917E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFD107 KATAJALUOTO 594510N 0235939E - 594634N 0240917E - 594449N 0241229E - 594242N 0240244E - 594457N 0235904E - 594510N 0235939E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFD108 RUSSARÖ 593659N 0224211E - 593808N 0225127E - 593842N 0230418E - 593630N 0230319E - 593630N 0224448E - 593659N 0224211E	<u>FL 250</u> SFC	MILOPS	NOTAM	AMC manageable area
EFD109 ÖRÖ 592947N 0215919E - 593047N 0222347E - 593629N 0223804E - 593659N 0224211E - 593630N 0224448E - 592514N 0224449E - 591355N 0215648E - 592600N 0215648E - 592947N 0215919E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFD110 ISOKARI 611001N 0204654E - 610737N 0204617E - 605407N 0202615E - 605124N 0201948E - 611000N 0201947E - 611001N 0204654E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area

ID Lateral limits	Vertical limits	Activity type	Time of activity	RMK
1	2	3	4	5
EFD111A LOHTAJA 642621N 0230311E - 642450N 0230121E - 642348N 0230025E - 642234N 0225938E - 642138N 0225915E - 641813N 0225835E - 641312N 0225740E - 641204N 0225238E - 641044N 0224644E - 640747N 0223358E - 640726N 0223243E - 640609N 0222852E - 640409N 0222327E - 640239N 0222034E - 640127N 0221841E - 640705N 0220859E - 643151N 0224222E - 642621N 0230311E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFD111B LOHTAJA 643428N 0232842E - 643054N 0231449E - 642950N 0231052E - 642900N 0230824E - 642741N 0230525E - 642621N 0230311E - 643151N 0224222E - 650014N 0232233E - 643428N 0232842E	<u>UNL</u> SFC	MILOPS	NOTAM	AMC manageable area
EFD112A PAHKAJÄRVI 610440N 0265149E - 610448N 0265415E - 610551N 0265842E - 610707N 0270031E - 610740N 0270212E - 610815N 0270655E - 610406N 0271203E - 610151N 0265128E - 610440N 0265149E	<u>3500 FT MSL</u> SFC	UAV	NOTAM	AMC manageable area
EFD112B PAHKAJÄRVI 610806N 0264128E - 610816N 0265234E - 610440N 0265149E - 610151N 0265128E - 610056N 0264320E - 610806N 0264128E	<u>FL 195</u> SFC	UAV, Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD113 HUOVINRINNE 610340N 0222838E - 610153N 0222618E - 610043N 0222729E - 610153N 0221857E - 610621N 0221859E - 610340N 0222838E	<u>3500 FT MSL</u> SFC	UAV	NOTAM	AMC manageable area
EFD114A KASSUNKURU 641145N 0273818E - 641052N 0274317E - 641039N 0274541E - 640902N 0274538E - 640653N 0274153E - 640517N 0274037E - 640550N 0273923E - 640800N 0273203E - 641010N 0273205E - 641145N 0273818E	<u>3500 FT MSL</u> SFC	UAV	NOTAM	AMC manageable area
EFD114B KASSUNKURU 641039N 0274541E - 640932N 0275035E - 640649N 0275526E - 640545N 0275410E - 640408N 0275253E - 640337N 0275024E - 640339N 0274415E - 640517N 0274037E - 640653N 0274153E - 640902N 0274538E - 641039N 0274541E	<u>3500 FT MSL</u> SFC	UAV	NOTAM	AMC manageable area
EFD114C KASSUNKURU 640649N 0275526E - 640510N 0280132E - 640229N 0280012E - 640125N 0275742E - 640129N 0274753E - 640339N 0274415E - 640337N 0275024E - 640408N 0275253E - 640545N 0275410E - 640649N 0275526E	<u>3500 FT MSL</u> SFC	UAV	NOTAM	AMC manageable area
EFD115 KYLÄJÄRVI 672408N 0261845E - 671932N 0261745E - 671932N 0262845E - 671625N 0262636E - 671623N 0261528E - 672250N 0261516E - 672408N 0261845E	<u>FL 170</u> SFC	UAV	NOTAM	AMC manageable area
EFD116 KYLÄJÄRVI 673000N 0261956E - 673000N 0263253E - 672854N 0263551E - 672622N 0263356E - 672406N 0262906E - 672502N 0262745E - 672502N 0262445E - 672532N 0262145E - 672408N 0261845E - 673000N 0261956E	<u>FL 170</u> SFC	UAV	NOTAM	AMC manageable area
EFD118 ISOLÄHDE 605749N 0262048E - 604328N 0260733E - 605313N 0260303E - 605602N 0260525E - 605749N 0262048E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD121A HAAPAVESI 641000N 0251700E - 634823N 0251616E - 635315N 0254020E - 641000N 0254026E - 641000N 0251700E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD121B HAAPAVESI 641000N 0254026E - 635315N 0254020E - 635837N 0260800E - 641000N 0260800E - 641000N 0254026	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD123A TEISKO 615926N 0234155E - 615655N 0240258E - 614307N 0240755E - 614324N 0234508E - 614138N 0233715E - 615544N 0232134E - 615848N 0232508E - 615926N 0234155E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD123B TEISKO 615655N 0240258E - 615117N 0242227E - 614305N 0242345E - 614109N 0241544E - 614307N 0240755E - 615655N 0240258E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity

ID Lateral limits	Vertical limits	Activity type	Time of activity	RMK
1	2	3	4	5
EFD123C TEISKO 614327N 0243411E - 613622N 0244809E - 613600N 0243552E - 614109N 0241544E - 614305N 0242345E - 614327N 0243411E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD125 IMMOLA 614002N 0283546E - 614003N 0285104E - 613332N 0290956E - 612556N 0290649E - 611512N 0290649E - 611346N 0290227E - 611044N 0285432E - 610839N 0284714E - 610330N 0283953E - 611835N 0284117E - 612221N 0282529E - 612134N 0282135E - 612655N 0281038E - 614002N 0283546E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD126 VESIEHMAA 610200N 0252830E - 610200N 0260245E - 612045N 0260630E - 612045N 0252925E - 610200N 0252830E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD127A HYVINKÄÄ 604206N 0245256E - 604158N 0250353E - 603901N 0245948E - 603702N 0244815E - 604105N 0244310E - 604206N 0245256E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD127B HYVINKÄÄ 604447N 0244800E - 604510N 0245432E - 604507N 0250113E - 604440N 0250737E - 604158N 0250353E - 604206N 0245256E - 604105N 0244310E - 604342N 0243954E - 604447N 0244800E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD127C HYVINKÄÄ 604913N 0244656E - 604933N 0250742E - 604440N 0250737E - 604507N 0250113E - 604510N 0245432E - 604447N 0244800E - 604342N 0243954E - 604628N 0243623E - 604722N 0243955E - 604913N 0244656E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD127D HYVINKÄÄ 605413N 0244704E - 605442N 0251749E - 604942N 0251748E - 604933N 0250742E - 604913N 0244656E - 605413N 0244704E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD129A PIIKAJÄRVI 611804N 0221443E - 611716N 0222812E - 610909N 0222702E - 610613N 0220911E - 611537N 0220515E - 611804N 0221443E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD129B PIIKAJÄRVI 611036N 0223554E - 610659N 0223154E - 610340N 0222838E - 610153N 0222618E - 610043N 0222729E - 610153N 0221857E - 610613N 0220911E - 610909N 0222702E - 611036N 0223554E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD129C PIIKAJÄRVI 611716N 0222812E - 611647N 0223625E - 611036N 0223554E - 610909N 0222702E - 611716N 0222812E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD130A ORIPÄÄ 610043N 0222729E - 605849N 0223512E - 605720N 0224106E - 605927N 0224412E - 605213N 0230128E - 604618N 0225250E - 604625N 0222513E - 610043N 0222729E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD130B ORIPÄÄ 610659N 0223154E - 605927N 0224412E - 605720N 0224106E - 605849N 0223512E - 610043N 0222729E - 610153N 0222618E - 610340N 0222838E - 610659N 0223154E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD130C ORIPÄÄ 611036N 0223554E - 610546N 0225339E - 605927N 0224412E - 610659N 0223154E - 611036N 0223554E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD130D ORIPÄÄ 610546N 0225339E - 610251N 0230418E - 610331N 0231806E - 605213N 0230128E - 605927N 0224412E - 610546N 0225339E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD130E ORIPÄÄ 604625N 0222513E - 604618N 0225250E - 604350N 0224915E - 604410N 022452E - 604625N 0222513E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD130F ORIPÄÄ 604618N 0225250E - 603804N 0230956E - 603747N 0230151E - 604350N 0224915E - 604618N 0225250E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD132 KIIKALA 603436N 0235000E - 603436N 0232624E - 602406N 0232731E - 602314N 0235000E - 603436N 0235000E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD133A NUMMELA 602245N 0240913E - 602215N 0242314E - 601904N 0242307E - 601657N 0241831E - 601650N 0241609E - 602245N 0240913E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity

ID Lateral limits	Vertical limits	Activity type	Time of activity	RMK
1	2	3	4	5
EFD133B NUMMELA 602302N 0240101E - 602245N 0240913E - 601650N 0241609E - 601557N 0235806E - 602302N 0240101E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD133C NUMMELA 604627N 0243624E - 604342N 0243954E - 604105N 0244310E - 603811N 0243133E - 603411N 0242252E - 603000N 0241728E - 602237N 0241311E - 602245N 0240913E - 602302N 0240101E - 602652N 0240237E - 603600N 0241614E - 603915N 0242108E - 604432N 0242907E - 604627N 0243624E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD133D NUMMELA 601650N 0241609E - 600813N 0235455E - 601557N 0235806E - 601650N 0241609E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD133E NUMMELA 603600N 0241614E - 602652N 0240237E - 602302N 0240101E - 602322N 0235053E - 602856N 0235310E - 603606N 0240348E - 603600N 0241614E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD133F NUMMELA 603000N 0241728E - 602227N 0241742E - 602237N 0241311E - 603000N 0241728E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD133G NUMMELA 602322N 0235053E - 602302N 0240101E - 601557N 0235806E - 601525N 0234738E - 602322N 0235053E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD134A KYMI 603514N 0262550E - 604015N 0271316E - 603401N 0271249E - 602801N 0265649E - 602301N 0262649E - 603035N 0261830E - 603514N 0262550E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD134B KYMI 604441N 0272211E - 604118N 0272335E - 604015N 0271316E - 603514N 0262550E - 603753N 0261959E - 604026N 0264047E - 604441N 0272211E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD135A AHMOSUO 645947N 0261830E - 644838N 0261843E - 645259N 0254300E - 645905N 0254231E - 645947N 0261830E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD135B AHMOSUO 650835N 0255444E - 645947N 0261830E - 645905N 0254231E - 650835N 0255444E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD136 RAAHE-PATTIJOKI 644601N 0243946E - 643043N 0245833E - 642648N 0245905E - 643210N 0244818E - 643950N 0243147E - 644601N 0243946E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD137 BOKSI 602153N 0252533E - 601949N 0253020E - 601724N 0252738E - 601713N 0252207E - 602153N 0252533E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD138 SANTIS 600919N 0250231E - 600900N 0250700E - 600849N 0251049E - 600731N 0251325E - 600604N 0251140E - 600646N 0250549E - 600646N 0245949E - 600919N 0250231E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD139A ARABIA 601302N 0245851E - 601108N 0250045E - 600913N 0245734E - 601205N 0245423E - 601225N 0245506E - 601222N 0245537E - 601302N 0245851E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD139B ARABIA 601302N 0245851E - 601254N 0250050E - 601108N 0250045E - 601302N 0245851E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD142 JÄMIJÄRVI 615552N 0224616E - 614653N 0225721E - 613826N 0224747E - 614355N 0222818E - 615101N 0222847E - 615552N 0224616E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD143 HYPPIY 601659N 0250148E - 601641N 0250803E - 601231N 0250634E - 601302N 0245851E - 601433N 0245938E - 601659N 0250148E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD144A PUDASJÄRVI 653252N 0272041E - 651228N 0272029E - 651415N 0262415E - 651627N 0262415E - 653252N 0272041E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity

ID Lateral limits	Vertical limits	Activity type	Time of activity	RMK
1	2	3	4	5
EFD144B PUDASJÄRVI 654222N 0270302E - 653252N 0272041E - 651627N 0262415E - 653107N 0262415E - 654222N 0270302E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD144C PUDASJÄRVI 654901N 0272631E - 654056N 0274919E - 653252N 0272041E - 654222N 0270302E - 654901N 0272631E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD144D PUDASJÄRVI 654056N 0274919E - 653702N 0280000E - 651100N 0280000E - 651228N 0272029E - 653252N 0272041E - 654056N 0274919E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD145A RAUTAVAARA 633817N 0280117E - 632257N 0282306E - 631833N 0281131E - 632350N 0275458E - 633817N 0280117E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD145B RAUTAVAARA 635214N 0272736E - 635216N 0274059E - 633817N 0280117E - 632350N 0275458E - 632502N 0273640E - 632231N 0272328E - 633559N 0272727E - 635214N 0272736E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD146 ALAVUS 624413N 0232629E - 623741N 0233957E - 622753N 0233304E - 623201N 0232717E - 624413N 0232629E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD147A MENKIJÄRVI 630424N 0233057E - 630108N 0235632E - 625755N 0240222E - 623741N 0233957E - 624413N 0232629E - 630224N 0232516E - 630424N 0233057E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD147B MENKIJÄRVI 625755N 0240222E - 625209N 0241243E - 623615N 0241203E - 623741N 0233957E - 625755N 0240222E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD147C MENKIJÄRVI 623741N 0233957E - 623615N 0241203E - 621744N 0234728E - 622753N 0233304E - 623741N 0233957E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD148A PAROLA 610328N 0242407E - 610138N 0242600E - 605751N 0241612E - 605955N 0241036E - 610328N 0242407E	<u>3500 FT MSL</u> SFC	UAV	NOTAM	AMC manageable area
EFD148B PAROLA 610328N 0242407E - 610427N 0243921E - 610307N 0244103E - 610123N 0243613E - 610138N 0242600E - 610328N 0242407E	<u>3500 FT MSL</u> SFC	UAV	NOTAM	AMC manageable area
EFD149 KITEE 623808N 0303112E - 623352N 0305552E - 614612N 0294459E - 615749N 0294723E - 620745N 0291812E - 621300N 0292322E - 622155N 0293830E - 622000N 0300419E - 622555N 0302516E - 623516N 0303304E - 623808N 0303112E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD150A RÄYSKÄLÄ 604853N 0241014E - 603915N 0242108E - 603600N 0241614E - 603606N 0240348E - 603903N 0235238E - 604756N 0235036E - 604853N 0241014E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD150B RÄYSKÄLÄ 610533N 0235105E - 604853N 0241014E - 604756N 0235036E - 610516N 0234635E - 610533N 0235105E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity
EFD150C RÄYSKÄLÄ 611004N 0241412E - 605948N 0242555E - 604723N 0243954E - 604433N 0242908E - 603915N 0242108E - 604853N 0241014E - 610533N 0235105E - 610548N 0235502E - 611004N 0241412E	<u>FL 195</u> SFC	Sport, Gliding, Parachute, Other	NOTAM	AMC manageable area NOTAM published on the day of activity

ID Lateral limits	Vertical limits	Activity type	Time of activity	RMK
1	2	3	4	5
EFD200 ITÄINEN VAARA-ALUE 691019N 0284949E - jatkuen pitkin Norjan valtion rajaa piteeseen / <i>further along the Norwegian state border to the point 690307N 0285545E</i> - jatkuen pitkin Venäjän valtion rajaa piteeseen / <i>further along the Russian state border to the point 601201N 0271735E</i> - 601201N 0271249E - 601201N 0264549E - 601547N 0264730E - 601601N 0271049E - 601701N 0272149E - 602201N 0272949E - 602701N 0272949E - 604328N 0274513E - 605900N 0283004E - 610330N 0283953E - 610839N 0284714E - 611044N 0285432E - 611346N 0290227E - 611512N 0290649E - 612556N 0290649E - 613332N 0290956E - 613806N 0293228E - 614612N 0294459E - 623352N 0305552E - 625314N 0311432E - 634410N 0293628E - 640328N 0300928E - 642046N 0294535E - 645842N 0291639E - 653620N 0292452E - 654419N 0300244E - 660225N 0295422E - 661548N 0292025E - 665618N 0283607E - 673810N 0293556E - 680610N 0282000E - 683524N 0280126E - 684102N 0281745E - 684702N 0281345E - 685202N 0275945E - 691001N 0281205E - 691019N 0284949E	1000 FT SFC SFC	UAV	H24	

5.1.5 Vaara-alueiden suojavyöhykkeet (FBZ)

5.1.5.1 Ilmatilan hallintayksikön (AMC) hallinnoimien vaara-alueiden ympärille on perustettu lennonsuunnittelussa huomioitavat suojavyöhykkeet - Flight Plan Buffer Zone (FBZ).

5.1.5 Flight plan buffer zones (FBZ) for danger areas

5.1.5.1 Flight plan buffer zones (FBZ) are established around AMC Manageable danger areas for flight planning purposes.

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFD109Z 594307N 0224253E - 594037N 0225625E - 592753N 0225622E - 591110N 0214520E - 592658N 0214515E - 593519N 0215046E - 593630N 0221922E - 594154N 0223253E - 594307N 0224253E	FL 660 FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFD111AZ 643655N 0224920E - 643006N 0231501E - 642544N 0231748E - 642223N 0231344E - 642156N 0231319E - 642116N 0231253E - 642051N 0231243E - 641744N 0231205E - 640928N 0231030E - 640651N 0225849E - 640531N 0225258E - 640242N 0224145E - 640236N 0224025E - 640133N 0223715E - 635959N 0223258E - 635905N 0223114E - 635532N 0222540E - 635523N 0221219E - 640133N 0220143E - 643655N 0224920E	FL 660 FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFD111BZ 650531N 0232944E - 650424N 0233532E - 643119N 0234309E - 642553N 0232155E - 642521N 0231842E - 642436N 0231730E - 642353N 0231550E - 641829N 0230647E - 642647N 0223527E - 650531N 0232944E	FL 660 FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation

ENR 5.2 SOTILASHARJOITUS- JA KOULUTUS-ALUEET SEKÄ ILMAPUOLUSTUKSEN TUNNISTUSVYÖHYKE (ADIZ)

ENR 5.2.1 Tilapäiset ilmatilavarausalueet (TRA)

5.2.1.1 Tilapäisellä ilmatilavarausalueella (Temporary Reserved Area, TRA) tarkoitetaan määrättyksi ajaksi tietyn käyttäjäröhmän käyttöön annettua rajoitetaan määrättyä ilmatilan osaa, jossa tapahtuva toiminta vaatii ilmatilan varaamisen ja jonka läpi muut ilmatilan käyttäjät voivat lentää valvotussa ilmatilassa lennonjohdon selvityksellä.

5.2.1.2 TRA-alueiden tarkoituksena on mahdollistaa tällaisen tilapäistä ilmatilavarausta edellyttävän toiminnan suunnittelu etukäteen siten, että ilmatilahallintayksiköllä (AMC) on jo toimintaa edeltävinä päivinä mahdollisuus välittää tietoa näiden alueiden läpi kulkevien CDR-reittien käytettävyydestä.

Huom. 1: Kuten osassa ENR 3 on kuvattu, NMOC ilmoittaa tiedot CDR-reittien käytettävyydestä päivittäin julkaistavalla EAUP:lla/EUUP:lla operaattoreiden lennonvalmistelua varten. CDR 2 -reittien osalta TRA-alueiden varausmenettelyn vaikutus näkyy suoraan EAUP:n/EUUP:n sisältämässä CDR 2 -reittien listauksessa, joten erillisiä TRA-alueita koskevia toiminta-aikoja ei julkaista Suomen AIS-julkaisuissa.

Huom. 2: TRA-alueiden tiedot on annettu alla olevissa taulukoissa, ks. myös Index kartat, ENR 6.4.

Huom. 3: Local TRA -alueet, ks. GEN 3.2 kohta 4.

ENR 5.2 MILITARY EXERCISE AND TRAINING AREAS AND AIR DEFENCE IDENTIFICATION ZONE (ADIZ)

ENR 5.2.1 Temporary reserved areas (TRA)

5.2.1.1 Temporary Reserved Area (TRA) means an airspace of defined dimensions within which activities require the reservation of airspace for the use of specific users during a determined period of time, and through which other airspace users may be allowed to transit under ATC clearance.

5.2.1.2 The purpose of TRA areas is to permit activities requiring temporary reservation of airspace to be planned in advance so that the Airspace Management Cell (AMC) can provide information on the availability of Conditional Routes established through these areas already on the days preceding the operations.

Note 1: As described in section ENR 3, the availability of CDR routes is published daily by NMOC by means of the EAUP/EUUP message to operators for flight planning purposes. Because the effect of TSA TRA area activation/deactivation is incorporated directly in the EAUP/EUUP, no specific TRA area activation periods will be published in Finnish AIS Publications.

Note 2: Information concerning TRA areas are given below, see also the Index charts, ENR 6.4.

Note 3: Local TRA areas, see GEN 3.2, para 4.

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAA03 602016N 0263055E - 602000N 0272635E - 601138N 0271316E - 600800N 0263300E - 601856N 0261846E - 602016N 0263055E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAA04 601126N 0262833E - 600800N 0263300E - 595300N 0255200E - 600526N 0254504E - 600555N 0255543E - 601126N 0262833E	<u>FL 660</u> 2500 FT MSL	AUP/UUP	AMC manageable area
EFTRAA05 600526N 0254504E - 595300N 0255200E - 595430N 0252000E - 595300N 0245100E - 600118N 0244917E - 600318N 0250146E - 600526N 0254504E	<u>FL 660</u> 2500 FT MSL	AUP/UUP	AMC manageable area
EFTRAA06 600118N 0244917E - 595300N 0245100E - 594200N 0235931E - 594926N 0235341E - 595818N 0243043E - 600118N 0244917E	<u>FL 660</u> 2500 FT MSL	AUP/UUP	AMC manageable area
EFTRAA07 604951N 0252909E - 604943N 0252929E - 604623N 0253804E - 604132N 0255030E - 602708N 0260759E - 601856N 0261846E - 601126N 0262833E - 600555N 0255543E - 600526N 0254504E - 600318N 0250146E - 595818N 0243043E - 594926N 0235341E - 595447N 0234928E - 600238N 0235239E - 602104N 0240012E - 602652N 0240237E - 603915N 0242108E - 604433N 0242908E - 604723N 0243954E - 604913N 0244656E - 604951N 0252909E	<u>FL 660</u> 2500 FT MSL	AUP/UUP	AMC manageable area
EFTRAB01 593801N 0225029E - 592829N 0225857E - 590000N 0210000E - 590611N 0204905E - 592652N 0215722E - 593047N 0222347E - 593801N 0225029E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAB04 594926N 0235341E - 594200N 0235931E - 592829N 0225857E - 593801N 0225029E - 594926N 0235341E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAC01 595350N 0223613E - 593801N 0225029E - 593047N 0222347E - 592652N 0215722E - 590611N 0204905E - 593316N 0195956E - 594112N 0205708E - 595350N 0223613E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAD01 600251N 0211854E - 594112N 0205708E - 593316N 0195956E - 594141N 0194756E - 594359N 0200838E - 595550N 0201845E - 600251N 0211854E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAE01 604627N 0220801E - 604618N 0225250E - 603804N 0230956E - 602806N 0231129E - 601354N 0225727E - 600954N 0222127E - 600643N 0215359E - 602319N 0212309E - 603316N 0212103E - 604359N 0213509E - 604533N 0215555E - 604627N 0220801E	<u>FL 660</u> 1700 FT MSL	AUP/UUP	AMC manageable area
EFTRAF08 615041N 0213440E - 614730N 0214403E - 613036N 0214723E - 612718N 0214159E - 613557N 0205819E - 613826N 0205819E - 614635N 0211024E - 615041N 0213440E	<u>FL 660</u> 1700 FT MSL	AUP/UUP	AMC manageable area
EFTRAF10 603333N 0200601E - 603142N 0201439E - 602936N 0202419E - 601753N 0203755E - 595550N 0201845E - 594359N 0200838E - 594141N 0194756E - 600359N 0191608E - 603033N 0193917E - 603333N 0200601E	<u>FL 660</u> 1300 FT MSL	AUP/UUP	AMC manageable area
EFTRAF11 605609N 0205217E - 603142N 0201439E - 603333N 0200601E - 603033N 0193917E - 600359N 0191608E - 603727N 0192319E - 605609N 0205217E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAF12 612819N 0195939E - 611550N 0203249E - 610344N 0210411E - 605609N 0205217E - 603727N 0192319E - 611744N 0193419E - 612819N 0195939E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAF13 612241N 0205802E - 611441N 0212136E - 610344N 0210411E - 611550N 0203249E - 612241N 0205802E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAF14 614111N 0203108E - 613558N 0205816E - 612241N 0205802E - 611550N 0203249E - 612819N 0195939E - 614111N 0203108E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAF15 614907N 0194837E - 614439N 0201244E - 614111N 0203108E - 612819N 0195939E - 611744N 0193419E - 613607N 0193928E - 614907N 0194837E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAF16 613557N 0205819E - 612718N 0214159E - 611441N 0212136E - 612241N 0205802E - 613557N 0205819E	<u>FL 660</u> 1700 FT MSL	AUP/UUP	AMC manageable area
EFTRAF17 614730N 0214403E - 613811N 0221108E - 613130N 0223015E - 610909N 0222702E - 610336N 0215334E - 611441N 0212136E - 612718N 0214159E - 613036N 0214723E - 614730N 0214403E	<u>FL 660</u> 1700 FT MSL	AUP/UUP	AMC manageable area
EFTRAF18 613130N 0223015E - 612857N 0223728E - 612919N 0224023E - 611010N 0223731E - 611036N 0223554E - 610909N 0222702E - 613130N 0223015E	<u>FL 660</u> FL 65	AUP/UUP	AMC manageable area
EFTRAG01 624218N 0212112E - 624034N 0212353E - 623905N 0213328E - 623855N 0213429E - 620654N 0204532E - 614439N 0201244E - 614907N 0194837E - 622444N 0201420E - 624218N 0212112E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAG02 620654N 0204532E - 615041N 0213440E - 614635N 0211024E - 613826N 0205819E - 613558N 0205816E - 614111N 0203108E - 614439N 0201244E - 620654N 0204532E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAG03 623822N 0213337E - 614730N 0214403E - 615041N 0213440E - 620654N 0204532E - 623822N 0213337E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAG04 631517N 0210007E - 625628N 0205859E - 624218N 0212112E - 622444N 0201420E - 631454N 0205222E - 631517N 0210007E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAG06 621744N 0234728E - 620455N 0240521E - 615655N 0240258E - 614307N 0240755E - 614324N 0234508E - 614138N 0233715E - 615544N 0232134E - 621744N 0234728E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAG07 622753N 0233304E - 621744N 0234728E - 615544N 0232134E - 621822N 0225549E - 621914N 0230300E - 622058N 0231716E - 622753N 0233304E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAG09 633348N 0213523E - 632906N 0215245E - 632527N 0220725E - 630658N 0221953E - 630151N 0222317E - 624537N 0221554E - 623903N 0221257E - 623703N 0215822E - 623610N 0215155E - 623855N 0213429E - 624034N 0212353E - 625628N 0205859E - 631517N 0210007E - 631612N 0210010E - 632704N 0211759E - 633348N 0213523E	<u>FL 660</u> 1800 FT MSL	AUP/UUP	AMC manageable area

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAG11 620305N 0224147E - 614252N 0230644E - 613145N 0225407E - 613012N 0224727E - 612857N 0223728E - 613130N 0223015E - 613811N 0221108E - 614418N 0221001E - 620305N 0224147E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAG12 622227N 0221717E - 620305N 0224147E - 614418N 0221001E - 621723N 0220347E - 622227N 0221717E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAG13 614324N 0234508E - 614307N 0240755E - 614109N 0241543E - 613600N 0243550E - 611443N 0243524E - 611004N 0241412E - 610548N 0235502E - 610533N 0235105E - 610342N 0232209E - 610640N 0230829E - 611950N 0225506E - 612126N 0225328E - 613145N 0225407E - 614138N 0223715E - 614324N 0234508E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAG19 640001N 0232747E - 635824N 0235142E - 632056N 0233549E - 631610N 0230845E - 631800N 0224640E - 631955N 0224201E - 632649N 0222509E - 633115N 0222659E - 635553N 0223723E - 635701N 0225047E - 640001N 0232747E	<u>FL 660</u> 1400 FT MSL	AUP/UUP	AMC manageable area
EFTRAG20 635553N 0223723E - 633115N 0222659E - 632527N 0220725E - 632906N 0215245E - 635525N 0223157E - 635553N 0223723E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAG21 633115N 0222659E - 632649N 0222509E - 631955N 0224201E - 630658N 0221953E - 632527N 0220725E - 633115N 0222659E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAG23 640226N 0224239E - 635525N 0223157E - 632906N 0215245E - 633348N 0213523E - 633622N 0212551E - 633700N 0212959E - 635829N 0215742E - 640226N 0224239E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAG24 614252N 0230644E - 613628N 0231429E - 613145N 0225407E - 614252N 0230644E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAG25 621822N 0225549E - 615544N 0232134E - 614138N 0233715E - 613628N 0231429E - 614252N 0230644E - 620305N 0224147E - 622227N 0221717E - 621822N 0225549E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAG32 613145N 0225407E - 612126N 0225328E - 610640N 0230829E - 610342N 0232209E - 610251N 0230418E - 611010N 0223731E - 612919N 0224023E - 613012N 0224727E - 613145N 0225407E	<u>FL 660</u> FL 65	AUP/UUP	AMC manageable area
EFTRAH01 664758N 0274944E - 661814N 0274732E - 662916N 0263825E - 663942N 0264808E - 664758N 0274944E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAH02 662916N 0263825E - 661814N 0274732E - 655525N 0270811E - 661351N 0261401E - 662916N 0263825E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAH03 661351N 0261401E - 655525N 0270811E - 654357N 0254512E - 660550N 0254736E - 660706N 0260331E - 661351N 0261401E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAH14 660550N 0254736E - 654357N 0254512E - 654410N 0251438E - 660320N 0251700E - 660550N 0254736E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAH15 661156N 0243052E - 661120N 0244203E - 661038N 0245456E - 660320N 0251700E - 654410N 0251438E - 653544N 0251336E - 652421N 0251101E - 651817N 0242453E - 652228N 0235435E - 653148N 0240824E - 655059N 0240946E - 660925N 0241650E - 661156N 0243052E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAH20 652421N 0251101E - 645947N 0261830E - 644645N 0261845E - 643016N 0255504E - 642712N 0254036E - 642539N 0250124E - 643210N 0244818E - 644001N 0243123E - 645428N 0241313E - 650643N 0241132E - 651817N 0242453E - 652421N 0251101E	<u>FL 660</u> 1700 FT MSL	AUP/UUP	AMC manageable area
EFTRAH21 652228N 0235435E - 651817N 0242453E - 650643N 0241132E - 645428N 0241313E - 644001N 0243123E - 642017N 0235325E - 644053N 0225520E - 652228N 0235435E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAH22 644053N 0225520E - 642017N 0235325E - 640601N 0232642E - 640226N 0224239E - 635829N 0215742E - 644053N 0225520E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAH30 665751N 0254242E - 665718N 0261930E - 665117N 0263917E - 663942N 0264808E - 662916N 0263825E - 661351N 0261401E - 660706N 0260331E - 660550N 0254736E - 660320N 0251700E - 661038N 0245456E - 661120N 0244203E - 662732N 0244120E - 663511N 0244642E - 664623N 0250847E - 665751N 0254242E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAH31 663511N 0244642E - 662732N 0244120E - 661606N 0234044E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point</i> 663422N 0235321E - 663511N 0244642E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAH39 662732N 0244120E - 661120N 0244203E - 661156N 0243052E - 660925N 0241650E - 655059N 0240946E - 655059N 0240937E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point</i> 661606N 0234044E - 662732N 0244120E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAH45 662159N 0290313E - 661517N 0292058E - 660225N 0295422E - 654419N 0300244E - 653620N 0292452E - 654406N 0284421E - 654506N 0283901E - 655204N 0282955E - 660119N 0281740E - 660304N 0281732E - 661322N 0281642E - 662045N 0283253E - 662159N 0290313E	<u>FL 660</u> 2500 FT MSL	AUP/UUP	AMC manageable area
EFTRAJ01 671927N 0263846E - 670644N 0272406E - 664758N 0274944E - 663942N 0264808E - 665117N 0263917E - 665718N 0261930E - 671927N 0263846E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAJ05 672716N 0253810E - 672348N 0260529E - 671927N 0263846E - 665718N 0261930E - 665751N 0254242E - 672716N 0253810E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAJ09 680902N 0244626E - 680324N 0251437E - 672716N 0253810E - 671726N 0252004E - 671503N 0245435E - 671811N 0243858E - 672035N 0242651E - 673531N 0235850E - 675642N 0240321E - 680638N 0242059E - 680902N 0244626E	<u>FL 660</u> 3300 FT MSL	AUP/UUP	AMC manageable area
EFTRAJ18 665710N 0244248E - 663511N 0244642E - 663422N 0235321E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point</i> 665603N 0235302E - 665710N 0244248E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAJ19 672035N 0242651E - 671811N 0243858E - 665710N 0244248E - 665603N 0235302E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point</i> 671907N 0234807E - 672035N 0242651E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAJ22 685842N 0280631E - 684947N 0282856E - 683933N 0282542E - 683207N 0280333E - 681411N 0271140E - 681351N 0263916E - 682108N 0262022E - 683307N 0262247E - 685830N 0273751E - 685842N 0280631E	<u>FL 660</u> 3000 FT MSL	AUP/UUP	AMC manageable area
EFTRAJ23 680359N 0234122E - 673943N 0242712E - 672320N 0243801E - 671811N 0243858E - 672035N 0242651E - 671907N 0234807E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point</i> 680125N 0232850E - 680359N 0234122E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAJ36 672716N 0253810E - 665751N 0254242E - 664623N 0250847E - 663511N 0244642E - 665710N 0244248E - 671811N 0243858E - 671503N 0245435E - 671726N 0252004E - 672716N 0253810E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAL01 610500N 0272534E - 604928N 0274312E - 604328N 0274513E - 603514N 0262550E - 604328N 0260733E - 605313N 0260303E - 605602N 0260525E - 605852N 0262951E - 610347N 0271410E - 610500N 0272534E	<u>FL 660</u> 1800 FT MSL	AUP/UUP	AMC manageable area
EFTRAL02 612221N 0282529E - 611835N 0284117E - 610330N 0283953E - 605900N 0283004E - 604328N 0274513E - 604928N 0274312E - 610500N 0272534E - 610858N 0272100E - 612221N 0282529E	<u>FL 660</u> 1600 FT MSL	AUP/UUP	AMC manageable area
EFTRAM04 631418N 0293258E - 625437N 0293635E - 625906N 0290928E - 625839N 0282959E - 630850N 0282036E - 631418N 0293258E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAM05 633859N 0290612E - 632924N 0291840E - 631418N 0293258E - 630850N 0282036E - 631833N 0281131E - 632257N 0282306E - 633859N 0290612E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAM06 640640N 0282911E - 633859N 0290612E - 632257N 0282306E - 633817N 0280117E - 635409N 0280820E - 640259N 0281320E - 640640N 0282911E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAM07 633817N 0280117E - 632257N 0282306E - 631833N 0281131E - 632350N 0275458E - 633817N 0280117E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAM08 640259N 0281320E - 635409N 0280820E - 633817N 0280117E - 632350N 0275458E - 632502N 0273640E - 632231N 0272328E - 633558N 0272727E - 635733N 0272739E - 635550N 0274305E - 640259N 0281320E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAM16 635957N 0270535E - 635733N 0272739E - 633558N 0272727E - 632231N 0272328E - 632110N 0271629E - 631710N 0271009E - 634545N 0263223E - 635957N 0270535E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAM25 624800N 0281714E - 624342N 0284110E - 623257N 0283810E - 623355N 0280038E - 624800N 0281714E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM26 625906N 0290928E - 625303N 0284825E - 624342N 0284110E - 624800N 0281714E - 625839N 0282959E - 625906N 0290928E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM35 620836N 0244901E - 615433N 0244838E - 614109N 0241543E - 614307N 0240755E - 615655N 0240258E - 620455N 0240521E - 620836N 0244901E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM36 621002N 0250657E - 620552N 0251613E - 615433N 0244838E - 620836N 0244901E - 621002N 0250657E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM37 620552N 0251613E - 615152N 0254656E - 613731N 0253018E - 613623N 0244811E - 613600N 0243550E - 614109N 0241543E - 615433N 0244838E - 620552N 0251613E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM41 634545N 0263223E - 631710N 0271009E - 631145N 0270136E - 630627N 0270241E - 631116N 0263241E - 631924N 0254005E - 634545N 0263223E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAM51 632502N 0273640E - 632350N 0275458E - 631833N 0281131E - 630850N 0282036E - 625839N 0282959E - 624800N 0281714E - 623355N 0280038E - 623406N 0275220E - 623310N 0271831E - 623159N 0270936E - 625011N 0270559E - 630627N 0270241E - 631145N 0270136E - 631710N 0271009E - 632110N 0271629E - 632231N 0272328E - 632502N 0273640E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM58 623126N 0261834E - 622437N 0263339E - 620714N 0263435E - 615152N 0254656E - 620552N 0251613E - 623126N 0261834E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM59 624834N 0253951E - 623950N 0255943E - 623126N 0261834E - 620552N 0251613E - 621002N 0250657E - 621358N 0251640E - 621808N 0250721E - 622433N 0244927E - 623436N 0244948E - 624251N 0245007E - 624803N 0251041E - 624834N 0253951E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM60 622433N 0244927E - 621808N 0250721E - 621358N 0251640E - 621002N 0250657E - 620836N 0244901E - 622433N 0244927E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM61 622433N 0244927E - 620836N 0244901E - 620455N 0240521E - 621744N 0234728E - 622433N 0244927E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM62 623741N 0233957E - 623424N 0244948E - 622433N 0244927E - 621744N 0234728E - 622753N 0233304E - 623741N 0233957E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM63 630006N 0240449E - 624251N 0245007E - 623424N 0244948E - 623741N 0233957E - 630006N 0240449E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM64 631529N 0245114E - 624803N 0251041E - 624251N 0245007E - 631529N 0245114E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM65 631529N 0245114E - 624251N 0245007E - 630006N 0240449E - 631302N 0243759E - 631529N 0245114E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM66 631924N 0254005E - 630347N 0253958E - 624834N 0253951E - 624803N 0251041E - 631529N 0245114E - 631758N 0250448E - 631924N 0254005E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAM70 630347N 0253958E - 625534N 0261603E - 623950N 0255943E - 624834N 0253951E - 630347N 0253958E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM71 631924N 0254005E - 631116N 0263241E - 625534N 0261603E - 630347N 0253958E - 631924N 0254005E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM72 625534N 0261603E - 624142N 0264420E - 623126N 0261834E - 623538N 0260910E - 623950N 0255943E - 625534N 0261603E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM73 631116N 0263241E - 630627N 0270241E - 625011N 0270559E - 624142N 0264420E - 625534N 0261603E - 631116N 0263241E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM74 624142N 0264420E - 622717N 0270251E - 620714N 0263435E - 622437N 0263339E - 623126N 0261834E - 624142N 0264420E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAM75 625011N 0270559E - 623159N 0270936E - 622717N 0270251E - 624142N 0264420E - 625011N 0270559E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAN01 625906N 0290928E - 625437N 0293635E - 624731N 0293747E - 623710N 0292309E - 624342N 0284110E - 625303N 0284825E - 625906N 0290928E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAN02 624342N 0284110E - 623710N 0292309E - 622416N 0290512E - 623257N 0283809E - 624342N 0284110E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area
EFTRAN03 623355N 0280038E - 623257N 0283809E - 622416N 0290512E - 621540N 0285432E - 621929N 0284256E - 621248N 0281948E - 622441N 0275255E - 623355N 0280038E	<u>FL 660</u> FL 95	AUP/UUP	AMC manageable area
EFTRAN10 625437N 0293635E - 625026N 0300118E - 624610N 0302557E - 623808N 0303112E - 623516N 0303304E - 622555N 0302516E - 622000N 0300419E - 622416N 0290512E - 623710N 0292309E - 624731N 0293747E - 625437N 0293635E	<u>FL 660</u> 2000 FT MSL	AUP/UUP	AMC manageable area

ENR 5.2.2 TRA-alueiden suojavyöhykkeet (FBZ)

5.2.2.1 Ilmatilan hallintayksikön (AMC) hallinnoimien TRA-alueiden ympärille on perustettu lennonsuunnittelussa huomioitavat suojavyöhykkeet - Flight Plan Buffer Zone (FBZ).

ENR 5.2.2 Flight plan buffer zones (FBZ) for TRA

5.2.2.1 Flight Plan Buffer Zones (FBZ) are established around AMC Manageable TRA areas for flight planning purposes.

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAA03Z 602609N 0262939E - 602551N 0273112E - 602148N 0274046E - 602042N 0273858E - 601517N 0273017E - 601324N 0272724E - 601201N 0271735E - 600800N 0263300E - 600434N 0262325E - 601847N 0260448E - 602406N 0261054E - 602609N 0262939E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAA04Z 601827N 0263331E - 600909N 0264532E - 600800N 0263300E - 595300N 0255200E - 595336N 0253930E - 601110N 0254119E - 601143N 0255315E - 601827N 0263331E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAA05Z 600905N 0245920E - 601145N 0255347E - 595644N 0260206E - 595300N 0255200E - 595430N 0252000E - 595300N 0245100E - 595038N 0243944E - 600147N 0243721E - 600824N 0245459E - 600905N 0245920E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAA06Z 600558N 0243949E - 600119N 0250106E - 595337N 0250239E - 595300N 0245100E - 593940N 0234850E - 595007N 0234033E - 595345N 0234434E - 600347N 0242622E - 600558N 0243949E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAB01Z 594424N 0224929E - 594308N 0225841E - 593053N 0230921E - 590000N 0210000E - 591037N 0204113E - 593218N 0215245E - 593616N 0221923E - 594424N 0224929E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAB04Z 595543N 0235356E - 595409N 0240233E - 594420N 0241014E - 592604N 0224825E - 593825N 0223722E - 594247N 0224224E - 595543N 0235356E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAC01Z 600041N 0224253E - 593523N 0230533E - 592518N 0222810E - 592125N 0220157E - 590145N 0205655E - 593346N 0195859E - 593820N 0195237E - 600041N 0224253E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAD01Z 600926N 0212357E - 600355N 0213312E - 593612N 0210509E - 592831N 0200929E - 593357N 0195926E - 594656N 0194114E - 594905N 0200017E - 600051N 0201018E - 600926N 0212357E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAF11Z 610256N 0205419E - 605710N 0210905E - 602427N 0201832E - 602724N 0200450E - 602529N 0194747E - 595826N 0192408E - 601106N 0190547E - 604154N 0191413E - 610256N 0205419E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAF12Z 613555N 0195914E - 610442N 0212101E - 605120N 0205955E - 602814N 0191036E - 612135N 0192455E - 613555N 0195914E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAF13Z 612854N 0210053E - 612030N 0212540E - 611000N 0212930E - 605801N 0211026E - 605726N 0210100E - 611326N 0201926E - 611933N 0202143E - 612911N 0205710E - 612854N 0210053E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAF14Z 614757N 0202848E - 613954N 0211042E - 611913N 0211012E - 610846N 0203142E - 612555N 0194604E - 613124N 0194819E - 614757N 0202848E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAF15Z 615542N 0194705E - 614530N 0204145E - 613909N 0204514E - 610353N 0192008E - 614000N 0193000E - 614305N 0193118E - 615300N 0193815E - 615542N 0194705E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAG01Z 624825N 0211849E - 624800N 0212805E - 624532N 0213155E - 624353N 0214215E - 623543N 0214513E - 613728N 0201720E - 614539N 0193306E - 622842N 0200351E - 624825N 0211849E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAG02Z 621324N 0204731E - 615340N 0214715E - 614638N 0214747E - 614141N 0211816E - 613633N 0211037E - 613214N 0211030E - 613041N 0210412E - 613010N 0205523E - 614022N 0200153E - 614551N 0195927E - 621213N 0203809E - 621324N 0204731E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAG04Z 632151N 0211337E - 625817N 0211201E - 624335N 0213456E - 623836N 0213304E - 621654N 0201028E - 622340N 0200011E - 632020N 0204245E - 632151N 0211337E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAG23Z 640848N 0224732E - 640308N 0225955E - 632345N 0220037E - 632243N 0215055E - 633341N 0211014E - 633700N 0213000E - 640517N 0220638E - 640848N 0224732E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAH15Z 660226N 0235930E - 661329N 0240340E - 661759N 0242843E - 661614N 0250057E - 660704N 0252836E - 660319N 0253129E - 653518N 0252747E - 651953N 0252409E - 651206N 0242448E - 651719N 0234655E - 653148N 0240824E - jatkuun pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point 660207N 0235948E - 660226N 0235930E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAH21Z 652737N 0240209E - 652143N 0244435E - 650531N 0242540E - 645606N 0242653E - 644323N 0244246E - 643349N 0243709E - 641158N 0235512E - 643553N 0224756E - 652737N 0240209E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTRAH22Z 644606N 0230207E - 642102N 0241226E - 640037N 0233359E - 635210N 0215419E - 635301N 0215035E - 644606N 0230207E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation

ENR 5.2.3 Paikalliset ilmatilavarausalueet (Local TRA)

ENR 5.2.3 Local Temporary Reserved Areas (Local TRA)

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAHA01 615938N 0251232E - 614442N 0251426E - 614419N 0250123E - 614354N 0244821E - 614305N 0242345E - 614421N 0242333E - 615759N 0242122E - 615827N 0243503E - 615854N 0244845E - 615916N 0250003E - 615938N 0251232E	<u>FL 660</u> SFC	HX	
EFTRAHA02 620720N 0243341E - 615827N 0243503E - 615759N 0242122E - 620455N 0240521E - 620720N 0243341E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAHA03 620836N 0244901E - 615854N 0244845E - 615827N 0243503E - 620720N 0243341E - 620836N 0244901E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAHA04 621002N 0250657E - 620552N 0251613E - 615916N 0250003E - 615854N 0244845E - 620836N 0244901E - 621002N 0250657E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAHA05 614442N 0251426E - 613731N 0253018E - 613645N 0250108E - 614419N 0250123E - 614442N 0251426E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAHA06 614419N 0250123E - 613645N 0250108E - 613622N 0244809E - 614354N 0244821E - 614419N 0250123E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAHA07 614421N 0242333E - 614305N 0242345E - 614354N 0244821E - 613622N 0244809E - 613600N 0243550E - 614109N 0241543E - 614421N 0242333E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAHA08 620455N 0240521E - 615759N 0242122E - 614421N 0242333E - 614109N 0241543E - 614307N 0240755E - 615655N 0240258E - 620455N 0240521E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAHA09 620552N 0251613E - 615152N 0254656E - 613731N 0253018E - 614442N 0251426E - 615938N 0251232E - 615916N 0250003E - 620552N 0251613E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAHK01 595655N 0244901E - 595300N 0245100E - 594200N 0235931E - 594543N 0235637E - 595655N 0244901E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK02 595831N 0251957E - 595810N 0252721E - 595416N 0252506E - 595430N 0252000E - 595300N 0245100E - 595655N 0244901E - 595831N 0251957E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK03 595810N 0252721E - 595707N 0254943E - 595300N 0255200E - 595416N 0252506E - 595810N 0252721E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK04 600324N 0260638E - 600129N 0261453E - 595300N 0255200E - 595707N 0254943E - 600324N 0260638E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK05 601126N 0262833E - 600800N 0263300E - 600129N 0261453E - 600324N 0260638E - 601126N 0262833E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK06 600056N 0244659E - 595655N 0244901E - 594543N 0235637E - 594926N 0235341E - 595818N 0243043E - 600056N 0244659E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK07 600854N 0252258E - 595810N 0252721E - 595831N 0251957E - 595655N 0244901E - 600056N 0244659E - 600318N 0250146E - 600854N 0252258E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK08 601203N 0252850E - 600324N 0260638E - 595707N 0254943E - 595810N 0252721E - 600854N 0252258E - 600958N 0252704E - 601203N 0252850E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK09 602003N 0253540E - 601428N 0262437E - 601126N 0262833E - 600324N 0260638E - 601203N 0252850E - 602003N 0253540E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK10 600620N 0241514E - 595952N 0242742E - 595818N 0243043E - 594926N 0235341E - 595447N 0234928E - 595954N 0235132E - 600620N 0241514E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK11 600950N 0240825E - 600620N 0241514E - 595954N 0235132E - 600813N 0235455E - 600950N 0240825E	<u>FL 660</u> 2500 FT MSL	HX	

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAHK12 601439N 0235733E - 601508N 0241435E - 601107N 0240555E - 600950N 0240825E - 600813N 0235455E - 601439N 0235733E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK13 602104N 0240013E - 602143N 0242313E - 601904N 0242307E - 601508N 0241435E - 601439N 0235733E - 602104N 0240013E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK14 603020N 0240746E - 602747N 0242641E - 602612N 0242323E - 602143N 0242313E - 602104N 0240013E - 602652N 0240237E - 603020N 0240746E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK15 604103N 0242350E - 603213N 0243558E - 602747N 0242641E - 603020N 0240746E - 604103N 0242350E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK16 604626N 0243619E - 603557N 0245017E - 603328N 0243836E - 603213N 0243558E - 604103N 0242350E - 604433N 0242908E - 604626N 0243619E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK17 604917N 0245051E - 603557N 0245017E - 604626N 0243619E - 604913N 0244656E - 604917N 0245051E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK18 604933N 0250722E - 603928N 0250658E - 603557N 0245017E - 604917N 0245051E - 604933N 0250722E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK19 604951N 0252909E - 603823N 0252604E - 604202N 0251920E - 603928N 0250658E - 604933N 0250722E - 604951N 0252909E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK20 604951N 0252909E - 604132N 0255030E - 603142N 0253816E - 603823N 0252604E - 604951N 0252909E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK21 604132N 0255030E - 602708N 0260759E - 602559N 0254047E - 602855N 0254319E - 603142N 0253816E - 604132N 0255030E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK22 602708N 0260759E - 601428N 0262437E - 602003N 0253540E - 602559N 0254047E - 602708N 0260759E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAHK23 601537N 0251240E - 600854N 0252258E - 600318N 0250146E - 601108N 0250045E - 601041N 0250300E - 601537N 0251240E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAHK24 601302N 0245851E - 601108N 0250045E - 600318N 0250146E - 600056N 0244659E - 595818N 0243043E - 595952N 0242742E - 601225N 0245505E - 601222N 0245537E - 601302N 0245851E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAHK25 601748N 0244010E - 601624N 0244112E - 601302N 0244849E - 601225N 0245505E - 595952N 0242742E - 600620N 0241514E - 601748N 0244010E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAHK26 603213N 0243558E - 602457N 0244332E - 602443N 0244227E - 601936N 0243850E - 601748N 0244010E - 600620N 0241514E - 600950N 0240825E - 601107N 0240555E - 601508N 0241435E - 601904N 0242307E - 602143N 0242313E - 602612N 0242323E - 602747N 0242641E - 603213N 0243558E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAHK27 603557N 0245017E - 602713N 0245919E - 602728N 0245518E - 602457N 0244332E - 603213N 0243558E - 603328N 0243836E - 603557N 0245017E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAHK28 604202N 0251920E - 603823N 0252604E - 602707N 0250045E - 602713N 0245919E - 603557N 0245017E - 603928N 0250658E - 604202N 0251920E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAHK29 603823N 0252604E - 603142N 0253817E - 602015N 0251227E - 602209N 0251220E - 602651N 0250453E - 602707N 0250045E - 603823N 0252604E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAHK30 603142N 0253816E - 602855N 0254319E - 602559N 0254047E - 602003N 0253540E - 601203N 0252850E - 600958N 0252704E - 600854N 0252258E - 601537N 0251240E - 602015N 0251227E - 603142N 0253816E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAHK31 602728N 0245518E - 602713N 0245919E - 602707N 0250045E - 602651N 0250453E - 602209N 0251220E - 602015N 0251227E - 601629N 0251242E - 601656N 0250219E - 601552N 0250148E - 601433N 0245938E - 601302N 0245851E - 601222N 0245537E - 601225N 0245505E - 601302N 0244849E - 601624N 0244112E - 601748N 0244010E - 601936N 0243850E - 602443N 0244227E - 602457N 0244332E - 602728N 0245518E	<u>FL 660</u> SFC	HX	

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAHK32 601656N 0250219E - 601629N 0251242E - 601537N 0251240E - 601041N 0250300E - 601108N 0250045E - 601302N 0245851E - 601433N 0245938E - 601552N 0250148E - 601656N 0250219E	<u>FL 660</u> SFC	HX	
EFTRAHK33 601302N 0245851E - 601254N 0250050E - 601108N 0250045E - 600913N 0245734E - 601205N 0245423E - 601225N 0245506E - 601222N 0245537E - 601302N 0245851E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAHK34 601659N 0250148E - 601641N 0250803E - 601231N 0250634E - 601302N 0245851E - 601433N 0245938E - 601659N 0250148E	<u>FL 660</u> SFC	HX	
EFTRAHK35 600919N 0250231E - 600900N 0250700E - 600849N 0251049E - 600731N 0251325E - 600604N 0251140E - 600646N 0250549E - 600646N 0245949E - 600919N 0250231E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAHK36 602153N 0252533E - 601949N 0253020E - 601724N 0252738E - 601713N 0252207E - 602153N 0252533E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAIV01 685050N 0273646E - 683952N 0280443E - 682200N 0271220E - 683250N 0264419E - 685050N 0273646E	<u>FL 660</u> SFC	HX	
EFTRAJO01 625040N 0291901E - 624622N 0294432E - 624231N 0300653E - 622832N 0295524E - 623022N 0294447E - 623336N 0292552E - 623637N 0290755E - 625040N 0291901E	<u>FL 660</u> SFC	HX	
EFTRAJO02 625329N 0294318E - 624610N 0302557E - 624231N 0300653E - 624622N 0294432E - 625329N 0294318E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJO03 624610N 0302557E - 623516N 0303304E - 622555N 0302516E - 622000N 0300419E - 622832N 0295524E - 624231N 0300653E - 624610N 0302557E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJO04 623022N 0294447E - 622832N 0295524E - 622000N 0300419E - 622245N 0292649E - 623022N 0294447E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJO05 623336N 0292552E - 623022N 0294447E - 622245N 0292649E - 622347N 0291212E - 623336N 0292552E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJO06 625906N 0290928E - 625329N 0294318E - 624622N 0294432E - 625040N 0291901E - 623637N 0290755E - 623336N 0292552E - 622347N 0291212E - 622416N 0290512E - 623257N 0283810E - 624342N 0284110E - 625303N 0284825E - 625906N 0290928E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY21 623645N 0253517E - 623530N 0253806E - 623236N 0254438E - 622834N 0255339E - 622447N 0260203E - 622344N 0260422E - 622057N 0261030E - 621931N 0260729E - 621140N 0255105E - 621014N 0254807E - 621452N 0253750E - 621554N 0253531E - 621853N 0252851E - 622302N 0251930E - 622425N 0251622E - 622556N 0251255E - 622831N 0251814E - 623140N 0252444E - 623509N 0253157E - 623645N 0253517E	<u>FL 660</u> SFC	HX	
EFTRAJY22 624834N 0253951E - 623645N 0253517E - 623509N 0253157E - 624803N 0251041E - 624834N 0253951E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY23 624834N 0253951E - 624720N 0254241E - 623530N 0253806E - 623645N 0253517E - 624834N 0253951E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY24 624720N 0254241E - 623950N 0255943E - 623236N 0254438E - 623530N 0253806E - 624720N 0254241E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY25 623950N 0255943E - 623538N 0260910E - 622834N 0255339E - 623236N 0254438E - 623950N 0255943E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY26 623538N 0260910E - 623126N 0261834E - 622447N 0260203E - 622834N 0255339E - 623538N 0260910E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY27 623126N 0261834E - 623023N 0262054E - 622344N 0260422E - 622447N 0260203E - 623126N 0261834E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY29 622437N 0263339E - 620714N 0263435E - 621931N 0260729E - 622057N 0261030E - 622437N 0263339E	<u>FL 660</u> 2000 FT MSL	HX	

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAJY30 621931N 0260729E - 620714N 0263435E - 620053N 0261441E - 621140N 0255105E - 621931N 0260729E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY31 621140N 0255105E - 620053N 0261441E - 615152N 0254656E - 621014N 0254807E - 621140N 0255105E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY32 621452N 0253750E - 621014N 0254807E - 615152N 0254656E - 620450N 0251831E - 621452N 0253750E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY33 621554N 0253531E - 621452N 0253750E - 620450N 0251831E - 620553N 0251613E - 621554N 0253531E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY34 621853N 0252851E - 621554N 0253531E - 620552N 0251613E - 621002N 0250657E - 621358N 0251640E - 621853N 0252851E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY35 622302N 0251930E - 621853N 0252851E - 621358N 0251640E - 621808N 0250721E - 622302N 0251930E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY36 622433N 0244927E - 622425N 0251622E - 622302N 0251930E - 621808N 0250721E - 622433N 0244927E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY37 622603N 0244929E - 622556N 0251255E - 622425N 0251622E - 622433N 0244927E - 622603N 0244929E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY38 623424N 0244948E - 622831N 0251814E - 622556N 0251255E - 622603N 0244929E - 623424N 0244948E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY39 624251N 0245007E - 623140N 0252444E - 622831N 0251814E - 623424N 0244948E - 624251N 0245007E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY40 624803N 0251041E - 623509N 0253157E - 623140N 0252444E - 624251N 0245007E - 624803N 0251041E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAJY43 623023N 0262054E - 622437N 0263339E - 622057N 0261030E - 622344N 0260422E - 623023N 0262054E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAKE01 655840N 0242015E - 655640N 0245635E - 654920N 0245407E - 653424N 0244909E - 653620N 0241322E - 655840N 0242015E	<u>FL 660</u> SFC	HX	
EFTRAKE02 661156N 0243052E - 661038N 0245456E - 660320N 0251700E - 654855N 0251513E - 654920N 0245407E - 655640N 0245635E - 655840N 0242015E - 660925N 0241650E - 661156N 0243052E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAKE03 654920N 0245407E - 654855N 0251513E - 653544N 0251336E - 653115N 0251235E - 653424N 0244909E - 654920N 0245407E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAKE04 653620N 0241322E - 653424N 0244909E - 653115N 0251235E - 652421N 0251101E - 651817N 0242453E - 652228N 0235435E - 653148N 0240824E - 653620N 0241322E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAKK01 635500N 0225623E - 635215N 0232942E - 634850N 0232813E - 633017N 0232012E - 633303N 0224717E - 634336N 0225138E - 635500N 0225623E	<u>FL 660</u> SFC	HX	
EFTRAKK02 640001N 0232747E - 635824N 0235142E - 634718N 0234655E - 634850N 0232813E - 635215N 0232942E - 635500N 0225623E - 635553N 0223723E - 640001N 0232747E	<u>FL 660</u> 1400 FT MSL	HX	
EFTRAKK03 634850N 0232813E - 634718N 0234655E - 632844N 0233904E - 633017N 0232012E - 634850N 0232813E	<u>FL 660</u> 1400 FT MSL	HX	
EFTRAKK04 633438N 0222824E - 633303N 0224717E - 633017N 0232012E - 632844N 0233904E - 632056N 0233549E - 631610N 0230845E - 631800N 0224640E - 632649N 0222509E - 633438N 0222824E	<u>FL 660</u> 1400 FT MSL	HX	
EFTRAKK05 634511N 0223250E - 634336N 0225138E - 633303N 0224717E - 633438N 0222824E - 634511N 0223250E	<u>FL 660</u> 1400 FT MSL	HX	

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAKK06 635553N 0223723E - 635500N 0225623E - 634336N 0225138E - 634511N 0223250E - 635553N 0223723E	<u>FL 660</u> 1400 FT MSL	HX	
EFTRAKS01 661333N 0290251E - 655655N 0294748E - 654554N 0292308E - 655443N 0285920E - 660225N 0283814E - 661333N 0290251E	<u>FL 660</u> SFC	HX	
EFTRAKS02 662159N 0290313E - 661333N 0290251E - 660225N 0283814E - 660119N 0281740E - 661322N 0281642E - 662045N 0283253E - 662159N 0290313E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAKS03 660225N 0283814E - 655443N 0285920E - 654506N 0283901E - 660119N 0281740E - 660225N 0283814E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAKS04 655443N 0285920E - 654554N 0292308E - 653620N 0292452E - 654506N 0283901E - 655443N 0285920E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAKS05 655736N 0295637E - 654419N 0300244E - 653620N 0292452E - 654554N 0292308E - 655655N 0294748E - 655736N 0295637E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAKS06 662159N 0290313E - 660225N 0295422E - 655736N 0295637E - 655655N 0294748E - 661333N 0290251E - 662159N 0290313E	<u>FL 660</u> 2500 FT MSL	HX	
EFTRAKT01 675626N 0250229E - 674230N 0251103E - 673134N 0251740E - 672809N 0243941E - 673857N 0243252E - 675258N 0242352E - 675626N 0250229E	<u>FL 660</u> SFC	HX	
EFTRAKT02 675642N 0240321E - 675258N 0242352E - 673857N 0243252E - 673531N 0235850E - 675642N 0240321E	<u>FL 660</u> 3300 FT MSL	HX	
EFTRAKT03 680902N 0244626E - 680324N 0251437E - 675626N 0250229E - 675258N 0242352E - 675642N 0240321E - 680638N 0242059E - 680902N 0244626E	<u>FL 660</u> 3300 FT MSL	HX	
EFTRAKT04 680324N 0251437E - 674403N 0252723E - 674230N 0251103E - 675626N 0250229E - 680324N 0251437E	<u>FL 660</u> 3300 FT MSL	HX	
EFTRAKT05 674403N 0252723E - 672716N 0253810E - 673134N 0251740E - 674230N 0251103E - 674403N 0252723E	<u>FL 660</u> 3300 FT MSL	HX	
EFTRAKT06 673134N 0251740E - 672716N 0253810E - 671726N 0252004E - 671503N 0245435E - 672035N 0242651E - 672809N 0243941E - 673134N 0251740E	<u>FL 660</u> 3300 FT MSL	HX	
EFTRAKT07 673857N 0243252E - 672809N 0243941E - 672035N 0242651E - 673531N 0235850E - 673857N 0243252E	<u>FL 660</u> 3300 FT MSL	HX	
EFTRAKU01 631405N 0275307E - 631210N 0275454E - 630707N 0275933E - 625819N 0280737E - 625208N 0281314E - 625059N 0280711E - 624622N 0274304E - 625414N 0273547E - 630106N 0272922E - 630815N 0272238E - 631028N 0273406E - 631336N 0275034E - 631405N 0275307E	<u>FL 660</u> SFC	HX	
EFTRAKU02 632350N 0275458E - 631833N 0281131E - 631210N 0275454E - 631405N 0275307E - 631336N 0275034E - 632350N 0275458E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAKU03 631833N 0281131E - 630850N 0282036E - 630707N 0275933E - 631210N 0275454E - 631833N 0281131E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAKU04 630850N 0282036E - 625839N 0282959E - 625819N 0280737E - 630707N 0275933E - 630850N 0282036E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAKU05 625839N 0282959E - 624800N 0281714E - 625059N 0280711E - 625208N 0281314E - 625819N 0280737E - 625839N 0282959E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAKU07 625414N 0273547E - 624622N 0274304E - 624109N 0272823E - 625252N 0272050E - 625414N 0273547E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAKU08 630106N 0272922E - 625414N 0273547E - 625252N 0272050E - 625954N 0271615E - 630106N 0272922E	<u>FL 660</u> 2000 FT MSL	HX	

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAKU09 630815N 0272238E - 630106N 0272922E - 625954N 0271615E - 630703N 0271134E - 630815N 0272238E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAKU13 632502N 0273640E - 632350N 0275458E - 631336N 0275034E - 631028N 0273406E - 632231N 0272328E - 632502N 0273640E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAKU14 625059N 0280711E - 624800N 0281714E - 623355N 0280038E - 623406N 0275220E - 623310N 0271831E - 623159N 0270936E - 624109N 0272823E - 624622N 0274304E - 625059N 0280711E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAKU15 625252N 0272050E - 624109N 0272823E - 623159N 0270936E - 625128N 0270544E - 625252N 0272050E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAKU16 630703N 0271134E - 625954N 0271615E - 625252N 0272050E - 625128N 0270544E - 630605N 0270246E - 630703N 0271134E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRAKU17 632231N 0272328E - 631028N 0273406E - 630815N 0272238E - 630703N 0271134E - 630605N 0270246E - 631145N 0270136E - 631710N 0271009E - 632110N 0271629E - 632231N 0272328E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRALP01 611359N 0282413E - 610123N 0283513E - 605236N 0275258E - 610509N 0274144E - 611143N 0281310E - 611359N 0282413E	<u>FL 660</u> SFC	HX	
EFTRALP02 612221N 0282529E - 611835N 0284117E - 611359N 0282413E - 611143N 0281310E - 611935N 0281154E - 612221N 0282529E	<u>FL 660</u> 1600 FT MSL	HX	
EFTRALP03 611835N 0284117E - 610330N 0283953E - 610123N 0283513E - 611359N 0282413E - 611835N 0284117E	<u>FL 660</u> 1600 FT MSL	HX	
EFTRALP04 610858N 0272100E - 610509N 0274144E - 605236N 0275258E - 604742N 0275718E - 604328N 0274513E - 604928N 0274312E - 610858N 0272100E	<u>FL 660</u> 1600 FT MSL	HX	
EFTRALP05 611935N 0281154E - 611143N 0281310E - 610509N 0274144E - 610858N 0272100E - 611935N 0281154E	<u>FL 660</u> 1600 FT MSL	HX	
EFTRAMA01 602028N 0194855E - 601430N 0201631E - 595915N 0200309E - 595445N 0195915E - 600038N 0193154E - 601135N 0194115E - 602028N 0194855E	<u>FL 660</u> SFC	HX	
EFTRAMA02 603033N 0193917E - 602028N 0194855E - 601135N 0194115E - 601454N 0192534E - 603033N 0193917E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAMA03 603333N 0200601E - 602936N 0202419E - 601753N 0203755E - 601430N 0201631E - 602028N 0194855E - 603033N 0193917E - 603333N 0200601E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAMA04 601753N 0203755E - 595550N 0201845E - 595915N 0200309E - 601430N 0201631E - 601753N 0203755E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAMA05 595915N 0200309E - 595550N 0201845E - 594359N 0200838E - 594141N 0194756E - 595445N 0195915E - 595915N 0200309E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAMA06 600038N 0193154E - 595445N 0195915E - 594141N 0194756E - 595551N 0192751E - 600038N 0193154E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAMA07 601454N 0192534E - 601135N 0194115E - 600038N 0193154E - 595551N 0192751E - 600359N 0191608E - 601454N 0192534E	<u>FL 660</u> 1300 FT MSL	HX	
EFTRAOU01 650810N 0250649E - 650307N 0252647E - 650001N 0253854E - 644952N 0254449E - 644324N 0253536E - 644715N 0252040E - 645519N 0244846E - 650810N 0250649E	<u>FL 660</u> SFC	HX	
EFTRAOU03 645259N 0254301E - 644838N 0261843E - 644645N 0261845E - 643016N 0255504E - 642712N 0254036E - 642539N 0250124E - 642849N 0245503E - 644715N 0252040E - 644324N 0253536E - 644952N 0254449E - 645259N 0254301E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAOU04 645519N 0244846E - 644715N 0252040E - 642849N 0245503E - 644001N 0243123E - 645428N 0241313E - 645519N 0244846E	<u>FL 660</u> 1700 FT MSL	HX	

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAOU05 652421N 0251101E - 650810N 0250649E - 645519N 0244846E - 645428N 0241313E - 650643N 0241132E - 651817N 0242453E - 652421N 0251101E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAOU06 652421N 0251101E - 651456N 0253718E - 650307N 0252647E - 650810N 0250649E - 652421N 0251101E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAOU08 651456N 0253718E - 650835N 0255444E - 650001N 0253854E - 650307N 0252647E - 651456N 0253718E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAOU09 650835N 0255444E - 645947N 0261830E - 644838N 0261843E - 645259N 0254300E - 650001N 0253854E - 650835N 0255444E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAPO21 614031N 0213726E - 613735N 0214601E - 613539N 0215140E - 612844N 0221137E - 612703N 0221626E - 612051N 0220659E - 611928N 0220453E - 611458N 0215806E - 611925N 0214517E - 612259N 0213458E - 612821N 0211914E - 613103N 0212315E - 614031N 0213726E	<u>FL 660</u> SFC	HX	
EFTRAPO22 614730N 0214403E - 614150N 0220034E - 613539N 0215140E - 613735N 0214601E - 614730N 0214403E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAPO23 614150N 0220034E - 613130N 0223015E - 612854N 0222952E - 612844N 0221137E - 613539N 0215140E - 614150N 0220034E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAPO24 612854N 0222952E - 612313N 0222903E - 612051N 0220659E - 612703N 0221626E - 612844N 0221137E - 612854N 0222952E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAPO25 612313N 0222903E - 611300N 0222735E - 611928N 0220453E - 612051N 0220659E - 612313N 0222903E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAPO27 611928N 0220453E - 611300N 0222735E - 610909N 0222702E - 610527N 0220436E - 611458N 0215806E - 611928N 0220453E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAPO28 611925N 0214517E - 611458N 0215806E - 610527N 0220437E - 610336N 0215334E - 611057N 0213225E - 611509N 0213846E - 611925N 0214517E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAPO29 612417N 0213110E - 611925N 0214517E - 611509N 0213846E - 612000N 0212439E - 612417N 0213110E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAPO30 612000N 0212439E - 611509N 0213846E - 611057N 0213225E - 611548N 0211818E - 612000N 0212439E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAPO31 612821N 0211914E - 612417N 0213110E - 612000N 0212439E - 611548N 0211818E - 612241N 0205802E - 612821N 0211914E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAPO32 613558N 0205816E - 613103N 0212315E - 612821N 0211914E - 612241N 0205802E - 613558N 0205816E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAPO33 615041N 0213440E - 614730N 0214403E - 613735N 0214601E - 614031N 0213726E - 613103N 0212315E - 613558N 0205816E - 613826N 0205819E - 614635N 0211024E - 615041N 0213440E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAPO34 613130N 0223015E - 612857N 0223728E - 612919N 0224023E - 611555N 0223823E - 611010N 0223731E - 611036N 0223554E - 610909N 0222702E - 613130N 0223015E	<u>FL 660</u> FL 65	HX	
EFTRARO11 664733N 0255218E - 664450N 0260121E - 664140N 0261148E - 664044N 0261227E - 663520N 0261613E - 663204N 0260954E - 662422N 0255510E - 661950N 0254634E - 662008N 0254539E - 662621N 0252613E - 662921N 0251644E - 663839N 0253445E - 664317N 0254351E - 664733N 0255218E	<u>FL 660</u> SFC	HX	
EFTRARO12 665751N 0254242E - 665718N 0261930E - 664450N 0260121E - 664733N 0255218E - 664317N 0254351E - 665751N 0254242E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRARO13 665718N 0261930E - 665117N 0263917E - 664044N 0261227E - 664140N 0261148E - 664450N 0260121E - 665718N 0261930E	<u>FL 660</u> 2000 FT MSL	HX	

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRARO14 665117N 0263917E - 663942N 0264808E - 663520N 0261613E - 664044N 0261227E - 665117N 0263917E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRARO15 663942N 0264808E - 662916N 0263825E - 662653N 0263437E - 663204N 0260954E - 663520N 0261613E - 663942N 0264808E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRARO16 663204N 0260954E - 662653N 0263437E - 661705N 0261905E - 662422N 0255510E - 663204N 0260954E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRARO17 662422N 0255510E - 661705N 0261905E - 660706N 0260331E - 660546N 0254644E - 662008N 0254539E - 661950N 0254634E - 662422N 0255510E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRARO18 662621N 0252613E - 662008N 0254539E - 660546N 0254644E - 660320N 0251700E - 661038N 0245456E - 661120N 0244203E - 662621N 0252613E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRARO19 663511N 0244642E - 662921N 0251644E - 662621N 0252613E - 661120N 0244203E - 662732N 0244120E - 663511N 0244642E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRARO20 664623N 0250847E - 663839N 0253445E - 662921N 0251644E - 663511N 0244642E - 664623N 0250847E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRARO21 665751N 0254242E - 664317N 0254351E - 663839N 0253445E - 664623N 0250847E - 665751N 0254242E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP61 613635N 0235128E - 612303N 0240448E - 611303N 0232104E - 612630N 0230729E - 613635N 0235128E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP62 613145N 0225407E - 612314N 0225335E - 611946N 0223857E - 612919N 0224023E - 613012N 0224727E - 613145N 0225407E	<u>FL 660</u> FL 65	HX	
EFTRATP63 613315N 0230035E - 612630N 0230729E - 612314N 0225335E - 613145N 0225407E - 613315N 0230035E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP64 613553N 0231159E - 612908N 0231851E - 612630N 0230729E - 613315N 0230035E - 613553N 0231159E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP65 613711N 0231739E - 613026N 0232429E - 612908N 0231851E - 613553N 0231159E - 613711N 0231739E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP66 613947N 0232906E - 613303N 0233553E - 613026N 0232429E - 613711N 0231739E - 613947N 0232906E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP67 614324N 0234508E - 614322N 0234726E - 613501N 0234434E - 613303N 0233553E - 613947N 0232906E - 614324N 0234508E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP68 614322N 0234726E - 614318N 0235348E - 613635N 0235128E - 613501N 0234434E - 614322N 0234726E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP69 614318N 0235348E - 614314N 0235847E - 612903N 0241244E - 612547N 0240207E - 613635N 0235128E - 614318N 0235348E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP70 614314N 0235847E - 614307N 0240755E - 613600N 0243552E - 612903N 0241244E - 614314N 0235847E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP71 613600N 0243552E - 613227N 0243547E - 612303N 0240448E - 612547N 0240207E - 613600N 0243552E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP72 613227N 0243547E - 612318N 0243535E - 611710N 0240802E - 612349N 0240716E - 613227N 0243547E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP73 612318N 0243535E - 611443N 0243524E - 610855N 0240858E - 611710N 0240802E - 612318N 0243535E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP74 612349N 0240716E - 611710N 0240802E - 611548N 0240158E - 612214N 0240113E - 612303N 0240448E - 612349N 0240716E	<u>FL 660</u> 2000 FT MSL	HX	

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRATP75 611710N 0240802E - 610855N 0240858E - 610734N 0240255E - 611548N 0240158E - 611710N 0240802E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP76 612214N 0240113E - 611548N 0240158E - 611114N 0234157E - 611740N 0234105E - 612214N 0240113E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP77 611548N 0240158E - 610734N 0240255E - 610548N 0235502E - 610502N 0234246E - 611114N 0234157E - 611548N 0240158E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP78 611740N 0234106E - 611114N 0234157E - 610917N 0232742E - 611427N 0232707E - 611740N 0234106E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP79 611114N 0234157E - 610502N 0234246E - 610406N 0232817E - 610917N 0232742E - 611114N 0234157E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP80 611427N 0232707E - 610917N 0232742E - 610822N 0232137E - 611303N 0232104E - 611427N 0232707E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP81 610917N 0232742E - 610406N 0232817E - 610342N 0232209E - 610822N 0232137E - 610917N 0232742E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP82 611606N 0231800E - 611303N 0232104E - 610342N 0232209E - 610640N 0230829E - 611230N 0230235E - 611606N 0231800E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP83 611230N 0230235E - 610640N 0230829E - 610342N 0232209E - 610251N 0230418E - 610814N 0224438E - 611230N 0230235E	<u>FL 660</u> FL 65	HX	
EFTRATP84 612349N 0231013E - 611606N 0231800E - 611230N 0230235E - 612011N 0225445E - 612349N 0231013E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP85 612011N 0225445E - 611230N 0230235E - 610814N 0224438E - 611010N 0223732E - 611619N 0223826E - 612011N 0225445E	<u>FL 660</u> FL 65	HX	
EFTRATP86 612630N 0230729E - 612349N 0231013E - 612011N 0225445E - 612126N 0225328E - 612314N 0225335E - 612630N 0230729E	<u>FL 660</u> 2000 FT MSL	HX	
EFTRATP87 612314N 0225335E - 612126N 0225328E - 612011N 0225445E - 611619N 0223826E - 611946N 0223857E - 612314N 0225335E	<u>FL 660</u> FL 65	HX	
EFTRATU01 603921N 0223914E - 602426N 0224145E - 602314N 0221349E - 602219N 0215343E - 603711N 0215048E - 603730N 0215725E - 603842N 0222401E - 603921N 0223914E	<u>FL 660</u> SFC	HX	
EFTRATU02 604533N 0215555E - 603730N 0215725E - 603711N 0215048E - 603557N 0212434E - 604359N 0213509E - 604533N 0215555E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRATU03 604627N 0220801E - 604625N 0222513E - 603842N 0222401E - 603730N 0215725E - 604533N 0215555E - 604627N 0220801E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRATU04 604625N 0222513E - 604618N 0225250E - 603921N 0223914E - 603842N 0222401E - 604625N 0222513E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRATU05 604618N 0225250E - 603804N 0230956E - 602806N 0231129E - 601354N 0225727E - 602426N 0224145E - 603921N 0223914E - 604618N 0225250E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRATU06 602426N 0224145E - 601354N 0225727E - 600954N 0222127E - 602314N 0221349E - 602426N 0224145E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRATU07 602314N 0221349E - 600954N 0222127E - 600643N 0215359E - 602219N 0215343E - 602314N 0221349E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRATU08 603711N 0215048E - 602219N 0215343E - 600643N 0215359E - 602319N 0212309E - 603316N 0212103E - 603557N 0212434E - 603711N 0215048E	<u>FL 660</u> 1700 FT MSL	HX	
EFTRAUT01 610347N 0271410E - 604836N 0272033E - 604404N 0263629E - 605852N 0262951E - 610347N 0271410E	<u>FL 660</u> SFC	HX	

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTRAUT02 610500N 0272534E - 604928N 0274312E - 604328N 0274513E - 604118N 0272335E - 604836N 0272033E - 610347N 0271410E - 610500N 0272534E	<u>FL 660</u> 1800 FT MSL	HX	
EFTRAUT03 604836N 0272033E - 604118N 0272335E - 603644N 0263944E - 604404N 0263629E - 604836N 0272033E	<u>FL 660</u> 1800 FT MSL	HX	
EFTRAUT04 605852N 0262951E - 604404N 0263629E - 603644N 0263944E - 603514N 0262550E - 604328N 0260733E - 605313N 0260303E - 605602N 0260525E - 605852N 0262951E	<u>FL 660</u> 1800 FT MSL	HX	
EFTRAUA01 631625N 0215404E - 630704N 0220016E - 625405N 0220845E - 624947N 0213726E - 625919N 0213103E - 631204N 0212223E - 631625N 0215404E	<u>FL 660</u> SFC	HX	
EFTRAUA02 631612N 0210010E - 631204N 0212223E - 625919N 0213103E - 625753N 0205904E - 631517N 0210007E - 631612N 0210010E	<u>FL 660</u> 1800 FT MSL	HX	
EFTRAUA03 633348N 0213523E - 632906N 0215245E - 632527N 0220725E - 631625N 0215404E - 631204N 0212223E - 631612N 0210010E - 632704N 0211759E - 633348N 0213523E	<u>FL 660</u> 1800 FT MSL	HX	
EFTRAUA04 632527N 0220725E - 630928N 0221813E - 630704N 0220016E - 631625N 0215404E - 632527N 0220725E	<u>FL 660</u> 1800 FT MSL	HX	
EFTRAUA05 630928N 0221813E - 630151N 0222317E - 625539N 0222027E - 625405N 0220845E - 630704N 0220016E - 630928N 0221813E	<u>FL 660</u> 1800 FT MSL	HX	
EFTRAUA06 625539N 0222027E - 623903N 0221257E - 623610N 0215155E - 624034N 0212353E - 624947N 0213726E - 625405N 0220845E - 625539N 0222027E	<u>FL 660</u> 1800 FT MSL	HX	
EFTRAUA07 625919N 0213103E - 624947N 0213726E - 624034N 0212353E - 625628N 0205859E - 625753N 0205904E - 625919N 0213103E	<u>FL 660</u> 1800 FT MSL	HX	

ENR 5.2.4 Tilapäiset erillisvarausalueet (TSA)

5.2.4.1 Tilapäisellä erillisvarausalueella (Temporary Segregated Area, TSA) tarkoitetaan määrätyn ajaksi tietyn käyttäjäryhmän yksinomaiseen käyttöön annettua rajoitettua määrättyä ilmatilan osaa, jossa tapahtuva toiminta vaatii ilmatilan varaamisen.

5.2.4.2 TSA-alueiden tarkoituksena on mahdollistaa tällaisen tilapäistä ilmatilavarausta edellyttävän toiminnan suunnittelu etukäteen siten, että ilmatilahallintayksiköllä (AMC) on jo toimintaa edeltävinä päivinä mahdollisuus välittää tietoa näiden alueiden läpi kulkevien CDR-reittien käytettävyydestä.

Huom. 1: Kuten osassa ENR 3 on kuvattu, NMOC ilmoittaa tiedot CDR-reittien käytettävyydestä päivittäin julkaistavalla EAUP:lla/EUUP:lla operaattoreiden lennonvalmistelua varten. CDR 2 -reittien osalta TSA-alueiden varausmenettelyn vaikutus näkyy suoraan EAUP:n/EUUP:n sisältämästä CDR 2 -reittien listauksesta, joten erillisiä TSA- alueita koskevia toiminta-aikoja ei julkaista Suomen AIS-julkaisuissa.

Huom. 2: TSA-alueiden tiedot on annettu alla olevissa taulukoissa, ks. myös Index kartat, ENR 6.4.

ENR 5.2.4 Temporary segregated areas (TSA)

5.2.4.1 Temporary Segregated Area (TSA) means an airspace of defined dimensions within which activities require the reservation of airspace for the exclusive use of specific users during a determined period of time.

5.2.4.2 The purpose of TSA areas is to permit activities requiring temporary reservation of airspace to be planned in advance so that the Airspace Management Cell (AMC) can provide information on the availability of Conditional Routes established through these areas already on the days preceding the operations.

Note 1: As described in section ENR 3, the availability of CDR routes is published daily by NMOC by means of the EAUP/EUUP message to operators for flight planning purposes. Because the effect of TSA area activation/deactivation is incorporated directly in the EAUP/EUUP, no specific TSA area activation periods will be published in Finnish AIS Publications.

Note 2: Information concerning TSA areas are given below, see also the Index charts, ENR 6.4.

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAA07 604951N 0252909E - 604943N 0252929E - 604623N 0253804E - 604132N 0255030E - 602708N 0260759E - 601856N 0261846E - 601126N 0262833E - 600555N 0255543E - 600526N 0254504E - 600318N 0250146E - 595818N 0243043E - 594926N 0235341E - 595447N 0234928E - 600238N 0235239E - 602104N 0240012E - 602652N 0240237E - 603915N 0242108E - 604433N 0242908E - 604723N 0243954E - 604913N 0244656E - 604951N 0252909E	<u>UNL</u> SFC	AUP/UUP	AMC manageable area
EFTSAB03 600238N 0235239E - 595447N 0234928E - 594926N 0235341E - 593801N 0225029E - 595350N 0223613E - 600238N 0235239E	<u>UNL</u> SFC	AUP/UUP	AMC manageable area
EFTSAD02 600954N 0222127E - 595350N 0223613E - 594112N 0205708E - 600251N 0211854E - 600643N 0215359E - 600954N 0222127E	<u>UNL</u> SFC	AUP/UUP	AMC manageable area
EFTSAD03 602104N 0240012E - 600238N 0235239E - 595350N 0223613E - 600954N 0222127E - 601354N 0225727E - 602104N 0240012E	<u>UNL</u> SFC	AUP/UUP	AMC manageable area
EFTSAE01 604627N 0220801E - 604618N 0225250E - 603804N 0230956E - 602806N 0231129E - 601354N 0225727E - 600954N 0222127E - 600643N 0215359E - 602319N 0212309E - 603316N 0212103E - 604359N 0213509E - 604533N 0215555E - 604627N 0220801E	<u>UNL</u> SFC	AUP/UUP	AMC manageable area
EFTSAE02 610533N 0235105E - 603915N 0242108E - 602652N 0240237E - 602104N 0240012E - 601354N 0225727E - 602806N 0231129E - 603804N 0230956E - 604618N 0225250E - 610331N 0231805E - 610342N 0232209E - 610533N 0235105E	<u>UNL</u> SFC	AUP/UUP	AMC manageable area
EFTSAE04 611443N 0243524E - 605528N 0243835E - 604944N 0243716E - 604723N 0243954E - 604433N 0242908E - 603915N 0242108E - 610533N 0235105E - 610548N 0235502E - 611443N 0243524E	<u>UNL</u> SFC	AUP/UUP	AMC manageable area
EFTSAF02 603316N 0212103E - 602319N 0212309E - 600643N 0215359E - 600251N 0211854E - 595550N 0201845E - 601753N 0203755E - 602936N 0202419E - 603316N 0212103E	<u>UNL</u> SFC	AUP/UUP	AMC manageable area
EFTSAF03 611441N 0212136E - 610359N 0215229E - 604533N 0215555E - 604359N 0213509E - 603316N 0212103E - 602936N 0202419E - 603142N 0201439E - 605609N 0205217E - 610344N 0210411E - 611441N 0212136E	<u>UNL</u> SFC	AUP/UUP	AMC manageable area

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAF04 611036N 0223554E - 610251N 0230418E - 610331N 0231804E - 604618N 0225250E - 604627N 0220801E - 604533N 0215555E - 610359N 0215229E - 610336N 0215334E - 610845N 0222432E - 611036N 0223554E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAF08 615041N 0213440E - 614730N 0214403E - 613036N 0214723E - 612718N 0214159E - 613557N 0205819E - 613826N 0205819E - 614635N 0211024E - 615041N 0213440E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAF10 603333N 0200601E - 603142N 0201439E - 602936N 0202419E - 601753N 0203755E - 595550N 0201845E - 594359N 0200838E - 594141N 0194756E - 600359N 0191608E - 603033N 0193917E - 603333N 0200601E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAF16 613557N 0205819E - 612718N 0214159E - 611441N 0212136E - 612241N 0205802E - 613557N 0205819E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAF19 614730N 0214403E - 613811N 0221108E - 612857N 0223728E - 612919N 0224023E - 611010N 0223731E - 611036N 0223554E - 610845N 0222432E - 610336N 0215334E - 610359N 0215229E - 611441N 0212136E - 612718N 0214159E - 613036N 0214723E - 614730N 0214403E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG03 623822N 0213337E - 614730N 0214403E - 615041N 0213440E - 620654N 0204532E - 623822N 0213337E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG05 623855N 0213429E - 623610N 0215155E - 623703N 0215822E - 622227N 0221717E - 621723N 0220347E - 614418N 0221001E - 613811N 0221108E - 614730N 0214403E - 623822N 0213337E - 623855N 0213429E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG06 621744N 0234728E - 620455N 0240521E - 615655N 0240258E - 614307N 0240755E - 614324N 0234508E - 614138N 0233715E - 615544N 0232134E - 621744N 0234728E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG07 622753N 0233304E - 621744N 0234728E - 615544N 0232134E - 621822N 0225549E - 621914N 0230300E - 622058N 0231716E - 622753N 0233304E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG08 630422N 0224357E - 625714N 0225910E - 625453N 0230408E - 623741N 0233957E - 622753N 0233304E - 622058N 0231716E - 621914N 0230300E - 624537N 0221554E - 630151N 0222317E - 630422N 0224357E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG09 633348N 0213523E - 632906N 0215245E - 632527N 0220725E - 630658N 0221953E - 630151N 0222317E - 624537N 0221554E - 623903N 0221257E - 623703N 0215822E - 623610N 0215155E - 623855N 0213429E - 624034N 0212353E - 625628N 0205859E - 631517N 0210007E - 631612N 0210010E - 632704N 0211759E - 633348N 0213523E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG11 620305N 0224147E - 614252N 0230644E - 613145N 0225407E - 613012N 0224727E - 612857N 0223728E - 613811N 0221108E - 614418N 0221001E - 620305N 0224147E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG12 622227N 0221717E - 620305N 0224147E - 614418N 0221001E - 621723N 0220347E - 622227N 0221717E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG14 630825N 0234225E - 630006N 0240449E - 623741N 0233957E - 625453N 0230408E - 630825N 0234225E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG15 633200N 0245151E - 631529N 0245114E - 631302N 0243759E - 630006N 0240449E - 630825N 0234225E - 633200N 0245151E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG16 634331N 0245216E - 633200N 0245151E - 630825N 0234225E - 625453N 0230408E - 625714N 0225910E - 631640N 0231133E - 632056N 0233549E - 632754N 0233843E - 634331N 0245216E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG20 635553N 0223723E - 633115N 0222659E - 632527N 0220725E - 632906N 0215245E - 635525N 0223157E - 635553N 0223723E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG21 633115N 0222659E - 632649N 0222509E - 631955N 0224201E - 630658N 0221953E - 632527N 0220725E - 633115N 0222659E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAG22 631955N 0224201E - 631800N 0224640E - 631610N 0230845E - 631640N 0231133E - 625714N 0225910E - 630422N 0224357E - 630151N 0222317E - 630658N 0221953E - 631955N 0224201E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG24 614252N 0230644E - 613628N 0231429E - 613145N 0225407E - 614252N 0230644E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG25 621822N 0225549E - 615544N 0232134E - 614138N 0233715E - 613628N 0231429E - 614252N 0230644E - 620305N 0224147E - 622227N 0221717E - 621822N 0225549E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG26 640203N 0240338E - 634742N 0245226E - 634331N 0245216E - 632754N 0233843E - 635251N 0234918E - 640203N 0240338E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG27 635251N 0234918E - 632754N 0233843E - 632056N 0233549E - 631640N 0231133E - 631610N 0230845E - 631800N 0224640E - 631955N 0224201E - 635251N 0234918E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG28 640001N 0232747E - 635824N 0235142E - 635251N 0234918E - 631955N 0224201E - 632649N 0222509E - 633115N 0222659E - 635553N 0223723E - 635853N 0231334E - 640001N 0232747E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG29 624537N 0221554E - 621914N 0230300E - 621822N 0225549E - 622227N 0221717E - 623703N 0215822E - 623903N 0221257E - 624537N 0221554E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAG31 614324N 0234508E - 614307N 0240755E - 613600N 0243552E - 611443N 0243524E - 610548N 0235502E - 610342N 0232209E - 610251N 0230418E - 611010N 0223731E - 612919N 0224023E - 613012N 0224727E - 613145N 0225407E - 614324N 0234508E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH01 664758N 0274944E - 661814N 0274732E - 662916N 0263825E - 663942N 0264808E - 664758N 0274944E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH02 662916N 0263825E - 661814N 0274732E - 655525N 0270811E - 661351N 0261401E - 662916N 0263825E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH03 661351N 0261401E - 655525N 0270811E - 654357N 0254512E - 660550N 0254736E - 660706N 0260331E - 661351N 0261401E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH05 661814N 0274732E - 661322N 0281642E - 660304N 0281732E - 654901N 0272631E - 655525N 0270811E - 661814N 0274732E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH06 655525N 0270811E - 654901N 0272631E - 651857N 0254330E - 654357N 0254512E - 655525N 0270811E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH07 654901N 0272631E - 654056N 0274919E - 650802N 0255612E - 651250N 0254306E - 651857N 0254330E - 654901N 0272631E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH08 660304N 0281732E - 660119N 0281740E - 655204N 0282955E - 654056N 0274919E - 654901N 0272631E - 660304N 0281732E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH09 654056N 0274919E - 652534N 0283130E - 643228N 0275621E - 642743N 0265710E - 644503N 0261617E - 644645N 0261845E - 645947N 0261830E - 650802N 0255612E - 654056N 0274919E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH10 655204N 0282955E - 654506N 0283901E - 654406N 0284421E - 652534N 0283130E - 654056N 0274919E - 655204N 0282955E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH11 654406N 0284421E - 653620N 0292452E - 645842N 0291639E - 645729N 0291736E - 643228N 0275621E - 652534N 0283130E - 654406N 0284421E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH14 660550N 0254736E - 654357N 0254512E - 654410N 0251438E - 660320N 0251700E - 660550N 0254736E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH16 654410N 0251438E - 654357N 0254512E - 651857N 0254330E - 651250N 0254306E - 652421N 0251101E - 653544N 0251336E - 654410N 0251438E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAH23 640601N 0232642E - 635853N 0231334E - 635553N 0223723E - 635525N 0223157E - 640226N 0224239E - 640601N 0232642E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH27 642920N 0245401E - 642539N 0250124E - 642604N 0251125E - 642706N 0253808E - 642712N 0254036E - 635315N 0254020E - 634331N 0245216E - 634742N 0245226E - 642212N 0245344E - 642920N 0245401E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH30 665751N 0254242E - 665718N 0261930E - 665117N 0263917E - 663942N 0264808E - 662916N 0263825E - 661351N 0261401E - 660706N 0260331E - 660550N 0254736E - 660320N 0251700E - 661038N 0245456E - 661120N 0244203E - 662732N 0244120E - 663511N 0244642E - 664623N 0250847E - 665751N 0254242E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH31 663511N 0244642E - 662732N 0244120E - 661606N 0234044E - jatkuen pitkin Ruotsin valtion rajaa pisteeseen / <i>further along the Swedish state border to the point</i> 663422N 0235321E - 663511N 0244642E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH36 642616N 0244537E - 642212N 0245344E - 634742N 0245226E - 640203N 0240338E - 642616N 0244537E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH37 643007N 0245226E - 642920N 0245401E - 642212N 0245344E - 642616N 0244537E - 643007N 0245226E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH38 644001N 0243123E - 643007N 0245226E - 642616N 0244537E - 640203N 0240338E - 635251N 0234918E - 635824N 0235142E - 635831N 0235001E - 640001N 0232747E - 635853N 0231334E - 640601N 0232642E - 642017N 0235325E - 644001N 0243123E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH39 662732N 0244120E - 661120N 0244203E - 661156N 0243052E - 660925N 0241650E - 655059N 0240946E - 655059N 0240937E - jatkuen pitkin Ruotsin valtion rajaa pistee- seen / <i>further along the Swedish state border to the point</i> 661606N 0234044E - 662732N 0244120E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH44 665410N 0283831E - 661517N 0292058E - 662159N 0290313E - 662045N 0283253E - 661322N 0281642E - 661814N 0274732E - 664758N 0274944E - 665410N 0283831E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH45 662159N 0290313E - 661517N 0292058E - 660225N 0295422E - 654419N 0300244E - 653620N 0292452E - 654406N 0284421E - 654506N 0283901E - 655204N 0282955E - 660119N 0281740E - 660304N 0281732E - 661322N 0281642E - 662045N 0283253E - 662159N 0290313E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH46 651250N 0254306E - 650802N 0255612E - 645947N 0261830E - 644645N 0261845E - 644503N 0261617E - 643420N 0260052E - 644348N 0254111E - 651250N 0254306E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH47 644348N 0254111E - 643420N 0260052E - 643016N 0255504E - 642712N 0254036E - 644348N 0254111E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH48 644348N 0254111E - 642712N 0254036E - 642539N 0250124E - 642920N 0245401E - 643105N 0245029E - 644001N 0243123E - 645428N 0241313E - 650643N 0241132E - 651817N 0242453E - 644348N 0254111E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH49 652421N 0251101E - 651250N 0254306E - 644348N 0254111E - 651817N 0242453E - 652421N 0251101E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH50 644503N 0261617E - 642743N 0265710E - 642723N 0265318E - 641713N 0264131E - 643420N 0260052E - 644503N 0261617E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAH51 643420N 0260052E - 641713N 0264131E - 640845N 0264523E - 640209N 0262558E - 635944N 0261322E - 635315N 0254020E - 642712N 0254036E - 643016N 0255504E - 643420N 0260052E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ01 671927N 0263846E - 670644N 0272406E - 664758N 0274944E - 663942N 0264808E - 665117N 0263917E - 665718N 0261930E - 671927N 0263846E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAJ02 681927N 0281140E - 680610N 0282000E - 673810N 0293556E - 665618N 0283607E - 665410N 0283831E - 664758N 0274944E - 670644N 0272406E - 671927N 0263846E - 680816N 0272331E - 681927N 0281140E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ03 683207N 0280333E - 681927N 0281140E - 680816N 0272331E - 681411N 0271140E - 683207N 0280333E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ04 681411N 0271140E - 680816N 0272331E - 671927N 0263846E - 672348N 0260529E - 681401N 0265416E - 681411N 0271140E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ05 672716N 0253810E - 672348N 0260529E - 671927N 0263846E - 665718N 0261930E - 665751N 0254242E - 672716N 0253810E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ09 680902N 0244626E - 680610N 0250050E - 680324N 0251437E - 674500N 0252646E - 672716N 0253810E - 671726N 0252004E - 671503N 0245435E - 671811N 0243858E - 672035N 0242651E - 673531N 0235850E - 675642N 0240321E - 680354N 0241606E - 680638N 0242059E - 680654N 0242346E - 680902N 0244626E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ10 680354N 0241606E - 675642N 0240321E - 673531N 0235850E - 672035N 0242651E - 671907N 0234807E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point 680158N 0232739E - 680354N 0241606E</i>	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ11 684614N 0235551E - 684034N 0241753E - 683402N 0242153E - 682855N 0242500E - 681027N 0243000E - 680654N 0242346E - 680638N 0242059E - 680354N 0241606E - 680158N 0232739E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point 682351N 0224259E - 683745N 0230939E - 684151N 0232646E - 684248N 0233952E - 684614N 0235551E</i>	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ18 665710N 0244248E - 663511N 0244642E - 663422N 0235321E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point 665603N 0235302E - 665710N 0244248E</i>	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ19 672035N 0242651E - 671811N 0243858E - 665710N 0244248E - 665603N 0235302E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point 671907N 0234807E - 672035N 0242651E</i>	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ21 683307N 0262247E - 682108N 0262022E - 681619N 0263255E - 681351N 0263916E - 681401N 0265416E - 672348N 0260529E - 672716N 0253810E - 674500N 0252646E - 680324N 0251437E - 680610N 0250050E - 683307N 0262247E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ22 685842N 0280631E - 684947N 0282856E - 683933N 0282542E - 683207N 0280333E - 681411N 0271140E - 681351N 0263916E - 682108N 0262022E - 683307N 0262247E - 685830N 0273751E - 685842N 0280631E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ24 684248N 0233952E - <i>jatkuen pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point 683329N 0245413E - 680610N 0250050E - 680902N 0244626E - 680654N 0242346E - 681027N 0243000E - 682855N 0242500E - 684034N 0241753E - 684614N 0235551E - 684248N 0233952E</i>	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ25 685418N 0253919E - 685308N 0260626E - 683307N 0262247E - 680610N 0250050E - 683329N 0245413E - <i>jatkuen pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point 685418N 0253919E</i>	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ29 690431N 0215823E - <i>jatkuen pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point 683745N 0230939E - 682351N 0224259E - jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point 684519N 0212337E - 690431N 0215823E</i>	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ30 690336N 0203255E - <i>jatkuen pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point 690431N 0215823E - 684519N 0212337E - jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point 690336N 0203255E</i>	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAJ31 694136N 0255653E - jatkuen pitkin Norjan valtion rajaa pisteeseen / <i>further along the Norwegian state border to the point</i> 694914N 0282555E - 694737N 0283510E - 693935N 0282525E - 694136N 0255653E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ32 693935N 0282525E - 694737N 0283510E - 694344N 0285709E - jatkuen pitkin Norjan valtion rajaa pisteeseen / <i>further along the Norwegian state border to the point</i> 694036N 0290814E - 693834N 0291022E - 693935N 0282525E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ33 693935N 0282525E - 692949N 0281342E - 692813N 0281451E - 685630N 0260730E - 685308N 0260626E - 685418N 0253919E - jatkuen pitkin Norjan valtion rajaa pisteeseen / <i>further along the Norwegian state border to the point</i> 694136N 0255653E - 693935N 0282525E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ34 693834N 0291022E - 693453N 0291414E - jatkuen pitkin Norjan valtion rajaa pisteeseen / <i>further along the Norwegian state border to the point</i> 691648N 0285621E - 691556N 0285423E - 691631N 0284018E - 692106N 0281957E - 692813N 0281451E - 692949N 0281342E - 693935N 0282525E - 693834N 0291022E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ35 692813N 0281451E - 692106N 0281957E - 691631N 0284018E - 691556N 0285423E - 691345N 0284928E - jatkuen pitkin Norjan valtion rajaa pisteeseen / <i>further along the Norwegian state border to the point</i> 691045N 0284935E - 691019N 0284923E - 691001N 0281205E - 685841N 0280416E - 685830N 0273751E - 683307N 0262247E - 685308N 0260626E - 685630N 0260730E - 692813N 0281451E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAJ36 672716N 0253810E - 665751N 0254242E - 664623N 0250847E - 663511N 0244642E - 665710N 0244248E - 671811N 0243858E - 671503N 0245435E - 671726N 0252004E - 672716N 0253810E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAK03 613731N 0253018E - 613318N 0262942E - 604623N 0253804E - 604943N 0252929E - 605722N 0252812E - 613731N 0253018E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAK04 613731N 0253018E - 605722N 0252812E - 604943N 0252929E - 604951N 0252909E - 604913N 0244656E - 604723N 0243954E - 604944N 0243716E - 605528N 0243835E - 613623N 0244811E - 613731N 0253018E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAK05 613623N 0244811E - 605528N 0243835E - 611443N 0243524E - 613600N 0243550E - 613623N 0244811E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAL01 610500N 0272534E - 604928N 0274312E - 604328N 0274513E - 603514N 0262550E - 604328N 0260733E - 605313N 0260303E - 605602N 0260525E - 605852N 0262951E - 610347N 0271410E - 610500N 0272534E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAL02 612221N 0282529E - 611835N 0284117E - 610330N 0283953E - 605900N 0283004E - 604328N 0274513E - 604928N 0274312E - 610500N 0272534E - 610858N 0272100E - 611043N 0272916E - 612221N 0282529E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAL03 604328N 0274513E - 602701N 0272949E - 602201N 0272949E - 602000N 0272635E - 602016N 0263052E - 601856N 0261846E - 602708N 0260759E - 603514N 0262550E - 604328N 0274513E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAL04 613318N 0262942E - 612014N 0273528E - 611043N 0272916E - 610858N 0272100E - 610500N 0272534E - 605602N 0260525E - 605313N 0260303E - 604328N 0260733E - 603514N 0262550E - 602708N 0260759E - 604132N 0255030E - 604623N 0253804E - 613318N 0262942E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAL05 615009N 0282123E - 613332N 0290956E - 612556N 0290649E - 611512N 0290649E - 611346N 0290227E - 611044N 0285432E - 610839N 0284714E - 610330N 0283953E - 611835N 0284117E - 612221N 0282529E - 611043N 0272916E - 612014N 0273528E - 612642N 0275702E - 613554N 0280521E - 614201N 0275719E - 614550N 0273758E - 614836N 0274758E - 614633N 0275113E - 614803N 0281542E - 615009N 0282123E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAM01 644534N 0292649E - 642046N 0294535E - 640328N 0300928E - 634410N 0293628E - 633859N 0290612E - 640640N 0282911E - 641639N 0284132E - 642627N 0283744E - 642836N 0283218E - 644534N 0292649E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM02 634410N 0293628E - 631801N 0302748E - 631418N 0293258E - 632924N 0291840E - 633859N 0290612E - 634410N 0293628E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM03 631801N 0302748E - 630702N 0304844E - 625026N 0300118E - 625437N 0293635E - 631418N 0293258E - 631801N 0302748E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM04 631418N 0293258E - 625437N 0293635E - 625906N 0290928E - 625839N 0282959E - 630850N 0282036E - 631418N 0293258E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM05 633859N 0290612E - 632924N 0291840E - 631418N 0293258E - 630850N 0282036E - 631833N 0281131E - 632257N 0282306E - 633859N 0290612E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM06 640640N 0282911E - 633859N 0290612E - 632257N 0282306E - 633817N 0280117E - 635409N 0280820E - 640259N 0281320E - 640640N 0282911E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM07 633817N 0280117E - 632257N 0282306E - 631833N 0281131E - 632350N 0275458E - 633817N 0280117E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM08 640259N 0281320E - 635409N 0280820E - 633817N 0280117E - 632350N 0275458E - 632502N 0273640E - 632231N 0272328E - 633558N 0272727E - 635733N 0272739E - 635550N 0274305E - 640259N 0281320E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM09 645729N 0291736E - 644534N 0292649E - 642836N 0283218E - 643407N 0281817E - 643228N 0275621E - 645729N 0291736E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM10 643407N 0281817E - 642836N 0283218E - 641114N 0273839E - 643228N 0275621E - 643407N 0281817E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM11 642836N 0283218E - 642627N 0283744E - 641639N 0284132E - 640640N 0282911E - 640259N 0281320E - 642836N 0283218E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM12 642836N 0283218E - 640259N 0281320E - 635550N 0274305E - 635733N 0272739E - 641114N 0273839E - 642836N 0283218E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM13 643228N 0275621E - 641114N 0273839E - 635733N 0272739E - 635957N 0270535E - 640725N 0264600E - 640845N 0264523E - 641713N 0264131E - 642723N 0265318E - 642743N 0265710E - 643228N 0275621E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM16 635957N 0270535E - 635733N 0272739E - 633558N 0272727E - 632231N 0272328E - 632110N 0271629E - 631710N 0271009E - 634545N 0263223E - 635957N 0270535E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM25 624800N 0281714E - 624342N 0284110E - 623257N 0283810E - 623355N 0280038E - 624800N 0281714E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM26 625906N 0290928E - 625303N 0284825E - 624342N 0284110E - 624800N 0281714E - 625839N 0282959E - 625906N 0290928E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM35 620836N 0244901E - 615433N 0244838E - 614109N 0241543E - 614307N 0240755E - 615655N 0240258E - 620455N 0240521E - 620836N 0244901E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM36 621002N 0250657E - 620552N 0251613E - 615433N 0244838E - 620836N 0244901E - 621002N 0250657E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM37 620552N 0251613E - 615152N 0254656E - 613731N 0253018E - 613623N 0244811E - 613600N 0243550E - 614109N 0241543E - 615433N 0244838E - 620552N 0251613E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM41 634545N 0263223E - 631710N 0271009E - 631145N 0270136E - 630627N 0270241E - 631116N 0263241E - 631924N 0254005E - 634545N 0263223E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAM42 635315N 0254020E - 631924N 0254005E - 631758N 0250448E - 631529N 0245114E - 633200N 0245151E - 634331N 0245216E - 635315N 0254020E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM44 632502N 0273640E - 632350N 0275458E - 631833N 0281131E - 630850N 0282036E - 625839N 0282959E - 630627N 0270241E - 631145N 0270136E - 631710N 0271009E - 632110N 0271629E - 632231N 0272328E - 632502N 0273640E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM45 630627N 0270241E - 625839N 0282959E - 624800N 0281714E - 623355N 0280038E - 623406N 0275220E - 623310N 0271831E - 623159N 0270936E - 625011N 0270559E - 630627N 0270241E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM46 640845N 0264523E - 640725N 0264600E - 635957N 0270535E - 634545N 0263223E - 635944N 0261322E - 640209N 0262558E - 640845N 0264523E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM47 635944N 0261322E - 634545N 0263223E - 631924N 0254005E - 635315N 0254020E - 635944N 0261322E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM50 620714N 0263435E - 615453N 0265049E - 614222N 0262940E - 613318N 0262942E - 613731N 0253018E - 615152N 0254656E - 620714N 0263435E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM58 623126N 0261834E - 622437N 0263339E - 620714N 0263435E - 615152N 0254656E - 620552N 0251613E - 623126N 0261834E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM59 624834N 0253951E - 623950N 0255943E - 623126N 0261834E - 620552N 0251613E - 621002N 0250657E - 621358N 0251640E - 621808N 0250721E - 622433N 0244927E - 623436N 0244948E - 624251N 0245007E - 624803N 0251041E - 624834N 0253951E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM60 622433N 0244927E - 621808N 0250721E - 621358N 0251640E - 621002N 0250657E - 620836N 0244901E - 622433N 0244927E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM61 622433N 0244927E - 620836N 0244901E - 620455N 0240521E - 621744N 0234728E - 622433N 0244927E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM62 623741N 0233957E - 623424N 0244948E - 622433N 0244927E - 621744N 0234728E - 622753N 0233304E - 623741N 0233957E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM63 630006N 0240449E - 624251N 0245007E - 623424N 0244948E - 623741N 0233957E - 630006N 0240449E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM64 631529N 0245114E - 624803N 0251041E - 624251N 0245007E - 631529N 0245114E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM65 631529N 0245114E - 624251N 0245007E - 630006N 0240449E - 631302N 0243759E - 631529N 0245114E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM66 631924N 0254005E - 630347N 0253958E - 624834N 0253951E - 624803N 0251041E - 631529N 0245114E - 631758N 0250448E - 631924N 0254005E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM70 630347N 0253958E - 625534N 0261603E - 623950N 0255943E - 624834N 0253951E - 630347N 0253958E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM71 631924N 0254005E - 631116N 0263241E - 625534N 0261603E - 630347N 0253958E - 631924N 0254005E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM72 625534N 0261603E - 624142N 0264420E - 623126N 0261834E - 623538N 0260910E - 623950N 0255943E - 625534N 0261603E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM73 631116N 0263241E - 630627N 0270241E - 625011N 0270559E - 624142N 0264420E - 625534N 0261603E - 631116N 0263241E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAM74 624142N 0264420E - 622717N 0270251E - 620714N 0263435E - 622437N 0263339E - 623126N 0261834E - 624142N 0264420E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAM75 625011N 0270559E - 623159N 0270936E - 622717N 0270251E - 624142N 0264420E - 625011N 0270559E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAN01 625906N 0290928E - 625437N 0293635E - 624731N 0293747E - 623710N 0292309E - 624342N 0284110E - 625303N 0284825E - 625906N 0290928E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAN02 624342N 0284110E - 623710N 0292309E - 622416N 0290512E - 623257N 0283809E - 624342N 0284110E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAN03 623355N 0280038E - 623257N 0283809E - 622416N 0290512E - 621540N 0285432E - 621929N 0284256E - 621248N 0281948E - 622441N 0275255E - 623355N 0280038E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAN04 621929N 0284256E - 621540N 0285432E - 621201N 0285003E - 615744N 0282051E - 621248N 0281948E - 621929N 0284256E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAN05 622441N 0275255E - 621248N 0281948E - 615744N 0282051E - 614836N 0274758E - 615847N 0273144E - 622441N 0275255E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAN06 615847N 0273144E - 614836N 0274758E - 614550N 0273758E - 614838N 0272336E - 615847N 0273144E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAN07 623808N 0303112E - 623343N 0305543E - 622343N 0304022E - 622555N 0302516E - 623516N 0303304E - 623808N 0303112E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAN08 622555N 0302516E - 622343N 0304022E - 614612N 0294459E - 615749N 0294723E - 621540N 0285432E - 622416N 0290512E - 622000N 0300419E - 622555N 0302516E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAN09 621540N 0285432E - 615749N 0294723E - 615322N 0294628E - 614612N 0294459E - 613806N 0293228E - 613332N 0290956E - 615009N 0282123E - 615744N 0282051E - 621201N 0285003E - 621540N 0285432E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAN10 625437N 0293635E - 625026N 0300118E - 624610N 0302557E - 623808N 0303112E - 623516N 0303304E - 622555N 0302516E - 622000N 0300419E - 622416N 0290512E - 623710N 0292309E - 624731N 0293747E - 625437N 0293635E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAN11 630702N 0304844E - 625314N 0311432E - 623344N 0305537E - 623808N 0303112E - 624610N 0302557E - 625026N 0300118E - 630702N 0304844E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAN17 615453N 0265049E - 614838N 0272336E - 614550N 0273758E - 614201N 0275719E - 613554N 0280521E - 612642N 0275702E - 612014N 0273528E - 613318N 0262942E - 614222N 0262940E - 615453N 0265049E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAN18 615744N 0282051E - 615009N 0282123E - 614803N 0281542E - 614633N 0275113E - 614836N 0274758E - 615744N 0282051E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area
EFTSAN19 623310N 0271831E - 623406N 0275220E - 623355N 0280038E - 622441N 0275255E - 615847N 0273144E - 614838N 0272336E - 615453N 0265049E - 620714N 0263435E - 622717N 0270251E - 623159N 0270936E - 623310N 0271831E	<u>UNL</u> SFC	AUP/UUP	AMC manage- able area

ENR 5.2.5 TSA-alueiden suojavyöhykkeet (FBZ)

5.2.5.1 Ilmatilan hallintayksikön (AMC) hallinnoimien TSA-alueiden ympärille on perustettu lennonsuunnittelussa huomioitavat suojavyöhykkeet - Flight Plan Buffer Zone (FBZ).

ENR 5.2.5 Flight plan buffer zones (FBZ) for TSA

5.2.5.1 Flight Plan Buffer Zones (FBZ) are established around AMC Manageable TSA areas for flight planning purposes.

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAA07Z 605503N 0244343E - 605547N 0253320E - 604528N 0255942E - 603014N 0261807E - 600909N 0264532E - 600800N 0263300E - 600413N 0262228E - 600007N 0255811E - 595730N 0250410E - 595249N 0243502E - 594123N 0234728E - 595414N 0233718E - 602918N 0235128E - 604906N 0242103E - 605503N 0244343E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTSAB03Z 600856N 0235515E - 595519N 0240139E - 594553N 0240900E - 593037N 0224422E - 595410N 0222302E - 595858N 0222834E - 600856N 0235515E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTSAD02Z 601541N 0221845E - 601015N 0223407E - 594946N 0225245E - 593431N 0205243E - 594008N 0204305E - 600758N 0211054E - 601541N 0221845E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTSAD03Z 602733N 0240420E - 602307N 0241312E - 600410N 0240518E - 595620N 0235005E - 594659N 0222936E - 601014N 0220807E - 601501N 0221321E - 602733N 0240420E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTSAE01Z 605220N 0220707E - 605209N 0225749E - 604042N 0232133E - 602656N 0232336E - 600845N 0230533E - 600012N 0214959E - 602045N 0211146E - 603442N 0210844E - 604923N 0212758E - 605220N 0220707E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTSAE02Z 610731N 0240244E - 603846N 0243521E - 602425N 0241345E - 601608N 0241015E - 600704N 0225051E - 601344N 0224408E - 602915N 0225921E - 603525N 0225821E - 604535N 0223705E - 610316N 0230248E - 610251N 0230418E - 610342N 0232209E - 610548N 0235502E - 610731N 0240244E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTSAE04Z 612103N 0243450E - 611914N 0244655E - 605522N 0245044E - 605055N 0244941E - 604459N 0245616E - 603959N 0243711E - 603250N 0242622E - 603346N 0241337E - 610555N 0233642E - 611056N 0234230E - 611131N 0235136E - 612103N 0243450E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTSAF02Z 603502N 0201700E - 603950N 0213142E - 602552N 0213434E - 600815N 0220708E - 600147N 0220407E - 594900N 0201219E - 595532N 0200546E - 601731N 0202441E - 602955N 0201011E - 603502N 0201700E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTSAF03Z 612245N 0211906E - 610939N 0215700E - 610255N 0220451E - 604911N 0220720E - 603927N 0215355E - 603835N 0214217E - 602746N 0212803E - 602333N 0202236E - 602732N 0200415E - 603253N 0200135E - 612245N 0211906E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTSAF04Z 611700N 0223709E - 610854N 0230656E - 610944N 0232424E - 610324N 0233252E - 604023N 0225859E - 604034N 0220854E - 603918N 0215158E - 604231N 0214425E - 610721N 0213938E - 611107N 0215255E - 611010N 0215536E - 611700N 0223709E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTSAF08Z 615715N 0213638E - 615042N 0215554E - 612848N 0220005E - 612008N 0214552E - 613200N 0204600E - 614017N 0204557E - 615129N 0210230E - 615715N 0213638E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTSAF10Z 603942N 0200712E - 603412N 0203243E - 601814N 0205109E - 593853N 0201657E - 593629N 0195512E - 600931N 0190805E - 603536N 0193044E - 603942N 0200712E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation
EFTSAF16Z 614253N 0205515E - 613132N 0215235E - 612618N 0215556E - 610852N 0212740E - 610823N 0211855E - 611938N 0204544E - 613841N 0204601E - 614253N 0205515E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manageable Area Only for FPL validation

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAF19Z 615949N 0212901E - 613521N 0224003E - 613705N 0225357E - 610032N 0224815E - 610412N 0223441E - 605702N 0215133E - 611325N 0210412E - 613222N 0213440E - 615949N 0212901E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG03Z 624000N 0212029E - 623659N 0214644E - 614520N 0215656E - 614301N 0215306E - 614156N 0214938E - 614109N 0214127E - 620525N 0202802E - 624000N 0212029E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG05Z 624000N 0212025E - 623847N 0221100E - 622103N 0223347E - 621447N 0221656E - 613547N 0222358E - 613242N 0221802E - 613135N 0220911E - 614417N 0213214E - 624000N 0212025E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG06Z 622358N 0234551E - 622309N 0235458E - 620616N 0241826E - 615700N 0241536E - 614219N 0242046E - 613938N 0241907E - 613709N 0241314E - 613729N 0234746E - 613504N 0233700E - 613906N 0232604E - 615546N 0230724E - 622236N 0233848E - 622358N 0234551E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG07Z 623359N 0233407E - 623313N 0234042E - 621758N 0240213E - 615036N 0232949E - 614930N 0232104E - 615040N 0231309E - 621808N 0224144E - 622314N 0224554E - 622617N 0231055E - 623338N 0232742E - 623359N 0233407E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG08Z 631056N 0224758E - 623910N 0235427E - 622438N 0234408E - 621539N 0232335E - 621235N 0225821E - 624549N 0220254E - 630634N 0221212E - 631056N 0224758E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG09Z 634048N 0213451E - 632925N 0221827E - 630206N 0223638E - 623424N 0222354E - 623000N 0215138E - 623536N 0211553E - 625438N 0204559E - 631811N 0204712E - 633104N 0210815E - 633506N 0211835E - 633700N 0213000E - 634048N 0213451E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG11Z 620915N 0223930E - 620857N 0224603E - 620740N 0225035E - 614257N 0232056E - 612717N 0230303E - 612439N 0225144E - 612233N 0223454E - 613500N 0215920E - 614606N 0215713E - 620802N 0223411E - 620915N 0223930E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG12Z 622834N 0221327E - 622813N 0222439E - 620233N 0225658E - 613844N 0221631E - 613810N 0220906E - 613900N 0220331E - 614057N 0215812E - 621958N 0215035E - 622834N 0221327E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG14Z 631555N 0234238E - 630137N 0242105E - 622733N 0234309E - 625241N 0225053E - 625738N 0225056E - 631555N 0234238E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG15Z 633820N 0245530E - 633632N 0250207E - 633411N 0250508E - 631130N 0250407E - 630757N 0244451E - 625224N 0240502E - 630831N 0232128E - 633812N 0244825E - 633820N 0245530E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG16Z 634947N 0245112E - 634920N 0245839E - 634716N 0250359E - 634530N 0250538E - 632900N 0250454E - 624658N 0230256E - 625428N 0224705E - 632142N 0230417E - 632514N 0232415E - 633153N 0232659E - 634947N 0245112E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG20Z 640318N 0225414E - 633143N 0224035E - 632459N 0222939E - 631834N 0220810E - 632700N 0213401E - 640043N 0222354E - 640318N 0225414E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG21Z 633755N 0222543E - 633630N 0223439E - 633320N 0224116E - 632857N 0223925E - 632230N 0225506E - 631815N 0225541E - 630110N 0222625E - 630050N 0221756E - 630225N 0220922E - 632754N 0215159E - 633755N 0222543E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAG22Z 632743N 0224226E - 632329N 0225244E - 632216N 0230726E - 632303N 0231154E - 632207N 0231845E - 631817N 0232613E - 625345N 0231024E - 625124N 0230437E - 625104N 0225418E - 625748N 0223958E - 625440N 0221433E - 630639N 0220631E - 632743N 0224226E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG24Z 614904N 0230347E - 614839N 0231144E - 614725N 0231531E - 613559N 0232918E - 613226N 0232522E - 612516N 0225424E - 612652N 0224603E - 612931N 0224158E - 613231N 0224100E - 614753N 0225821E - 614904N 0230347E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG25Z 622849N 0221353E - 622329N 0230416E - 613855N 0235411E - 612848N 0230931E - 622233N 0220225E - 622559N 0220616E - 622849N 0221353E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG26Z 641008N 0240001E - 635046N 0250553E - 633943N 0250522E - 632117N 0233824E - 632322N 0232845E - 632619N 0232442E - 635509N 0233642E - 641008N 0240001E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG27Z 635936N 0234517E - 635709N 0240447E - 631638N 0234719E - 631004N 0231003E - 631231N 0224038E - 631929N 0222339E - 635936N 0234517E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG28Z 640559N 0232735E - 640315N 0240729E - 635005N 0240140E - 631134N 0224256E - 632439N 0221055E - 640053N 0222554E - 640559N 0232735E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG29Z 625202N 0221223E - 625147N 0222123E - 622024N 0231715E - 621429N 0231448E - 621219N 0225559E - 621715N 0220913E - 622924N 0215329E - 624341N 0220157E - 625009N 0220449E - 625202N 0221223E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAG31Z 614919N 0234229E - 614857N 0241111E - 613929N 0244819E - 611053N 0244730E - 610041N 0235826E - 605751N 0232333E - 605649N 0230140E - 610651N 0222450E - 613356N 0222843E - 613545N 0224309E - 613702N 0224843E - 614919N 0234229E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH01Z 665420N 0275102E - 665227N 0280107E - 664955N 0280449E - 661550N 0280158E - 661331N 0275642E - 661241N 0275303E - 661202N 0274637E - 662448N 0262632E - 662911N 0262239E - 664420N 0263638E - 665420N 0275102E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH02Z 663629N 0263229E - 662257N 0275730E - 662038N 0280109E - 661836N 0280236E - 661615N 0280157E - 655116N 0271838E - 654958N 0271451E - 654924N 0270930E - 654937N 0270240E - 661235N 0255452E - 663629N 0263229E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH03Z 661941N 0260850E - 661956N 0261841E - 655806N 0272241E - 655457N 0272244E - 655308N 0272152E - 655029N 0271736E - 653725N 0254305E - 653938N 0253454E - 654208N 0253043E - 660234N 0253246E - 661122N 0254200E - 661223N 0255432E - 661936N 0260545E - 661941N 0260850E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH05Z 662527N 0274217E - 661719N 0283100E - 655958N 0283214E - 654137N 0272533E - 655422N 0264856E - 662527N 0274217E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH06Z 660204N 0271123E - 654828N 0275002E - 651127N 0254244E - 651601N 0252915E - 654809N 0253109E - 660204N 0271123E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH07Z 655625N 0272730E - 654019N 0281242E - 650032N 0255522E - 650848N 0253247E - 652200N 0252936E - 655625N 0272730E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAH08Z 660915N 0281418E - 660900N 0282142E - 660721N 0282902E - 660451N 0283154E - 660253N 0283201E - 655006N 0284846E - 653332N 0274814E - 654931N 0270259E - 660915N 0281418E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH09Z 654820N 0275025E - 652730N 0284732E - 643413N 0281139E - 642555N 0273300E - 642311N 0264825E - 643955N 0260852E - 644824N 0260455E - 645706N 0260440E - 650530N 0254151E - 651200N 0254523E - 654820N 0275025E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH10Z 655707N 0282233E - 655409N 0284330E - 654937N 0284923E - 654720N 0290132E - 651457N 0283852E - 654129N 0272556E - 655707N 0282233E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH11Z 655217N 0283510E - 653953N 0293959E - 645923N 0293045E - 645510N 0293359E - 642606N 0275919E - 642652N 0275026E - 642829N 0274530E - 643118N 0274127E - 655217N 0283510E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH14Z 661218N 0255338E - 660758N 0260222E - 653756N 0255848E - 653821N 0245940E - 655942N 0250209E - 660910N 0251502E - 661218N 0255338E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH16Z 655007N 0250100E - 654942N 0255957E - 650959N 0255655E - 650813N 0255303E - 650656N 0254728E - 650634N 0253858E - 651837N 0250525E - 652452N 0245648E - 655007N 0250100E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH23Z 641224N 0233157E - 640926N 0233846E - 640456N 0234201E - 635943N 0233219E - 635409N 0225946E - 635140N 0225832E - 634858N 0222641E - 635219N 0221924E - 635612N 0221705E - 640745N 0223436E - 641224N 0233157E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH27Z 643533N 0245332E - 643453N 0250055E - 643148N 0250707E - 643304N 0253843E - 642425N 0255411E - 634926N 0255337E - 633659N 0245201E - 633831N 0244410E - 634044N 0243854E - 643240N 0244029E - 643448N 0244721E - 643533N 0245332E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH30Z 670348N 0253722E - 670306N 0262455E - 665446N 0265214E - 663929N 0270346E - 662637N 0265139E - 660148N 0261226E - 655700N 0251310E - 660502N 0244857E - 660609N 0242746E - 662816N 0242635E - 663752N 0243313E - 665027N 0245755E - 670348N 0253722E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH31Z 664110N 0245501E - 663614N 0250249E - 662501N 0245450E - 662106N 0244137E - 661058N 0234804E - jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point 664007N 0235410E - 664110N 0245501E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH36Z 643225N 0244607E - 643145N 0245240E - 642420N 0250725E - 634500N 0250537E - 634230N 0250057E - 634109N 0245034E - 635856N 0235004E - 640354N 0235001E - 643142N 0243803E - 643225N 0244607E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH37Z 643621N 0245756E - 643336N 0250331E - 642554N 0250730E - 641932N 0250711E - 641701N 0250125E - 641604N 0245501E - 641639N 0244651E - 642601N 0242805E - 643548N 0244518E - 643621N 0245756E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH38Z 644856N 0243054E - 643337N 0250331E - 642812N 0250619E - 634523N 0235353E - 634909N 0233410E - 635331N 0233600E - 635403N 0232758E - 635212N 0230459E - 635938N 0225747E - 644856N 0243054E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH39Z 663439N 0244451E - 663011N 0245557E - 660924N 0245640E - 660500N 0244923E - 660553N 0243300E - 660520N 0242956E - 660235N 0242851E - 654523N 0240909E - 654905N 0240921E - jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point 662252N 0234054E - 663439N 0244451E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAH44Z 670121N 0284651E - 661516N 0293650E - 661150N 0293345E - 661038N 0293102E - 660931N 0292520E - 660850N 0291642E - 661552N 0285804E - 661508N 0284003E - 660618N 0282043E - 661419N 0273240E - 665215N 0273506E - 670121N 0284651E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH45Z 662621N 0282540E - 662805N 0290824E - 661327N 0294634E - <i>jatkuen pitkin Venäjän valtion rajaa pisteeseen / further along the Russian state border to the point</i> 653501N 0294856E - 652946N 0292510E - 654034N 0282843E - 655944N 0280320E - 661529N 0280156E - 662621N 0282540E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH46Z 652520N 0253003E - 650227N 0263222E - 644505N 0263233E - 642430N 0260252E - 644130N 0252731E - 652520N 0253003E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH47Z 645836N 0252830E - 643457N 0261751E - 642544N 0260436E - 641739N 0252643E - 645836N 0252830E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH48Z 652828N 0242104E - 644602N 0255503E - 642147N 0255400E - 641930N 0245543E - 643635N 0242007E - 645249N 0235935E - 650753N 0235723E - 652828N 0242104E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH49Z 652421N 0251101E - 651250N 0254306E - 644348N 0254111E - 651817N 0242453E - 652421N 0251101E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH50Z 645423N 0261336E - 642403N 0272448E - 642210N 0270227E - 640721N 0264516E - 643138N 0254739E - 643458N 0254543E - 645423N 0261336E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAH51Z 644338N 0255806E - 642008N 0265400E - 640731N 0265940E - 635801N 0263134E - 634520N 0252659E - 643051N 0252659E - 643448N 0254529E - 644338N 0255806E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAJ01Z 672534N 0263655E - 672519N 0264342E - 671041N 0273548E - 664930N 0280433E - 664726N 0280510E - 664442N 0280252E - 664253N 0275819E - 663337N 0264909E - 663356N 0264244E - 663557N 0263532E - 664747N 0262623E - 665354N 0260612E - 665725N 0260347E - 672251N 0262539E - 672436N 0263010E - 672534N 0263655E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAJ02Z 682844N 0282211E - 680911N 0283419E - 673909N 0295509E - 665601N 0285248E - 665031N 0285855E - 664049N 0274230E - 670246N 0271227E - 671711N 0262043E - 681208N 0271026E - 682844N 0282211E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAJ03Z 683810N 0275744E - 683809N 0280525E - 683641N 0281708E - 681639N 0282944E - 680022N 0271937E - 681449N 0265033E - 683810N 0275744E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAJ04Z 682008N 0271930E - 680914N 0274112E - 671158N 0264812E - 672007N 0254552E - 681947N 0264307E - 682008N 0271930E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAJ05Z 673325N 0253827E - 672305N 0265809E - 665114N 0263006E - 665208N 0252835E - 672835N 0252236E - 673058N 0252526E - 673241N 0253047E - 673325N 0253827E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAJ09Z 681517N 0244830E - 680720N 0252813E - 672602N 0255442E - 671213N 0252909E - 670849N 0245239E - 671600N 0241638E - 673349N 0234302E - 675840N 0234804E - 681146N 0241112E - 681517N 0244830E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAJ10Z 680749N 0232020E - 680957N 0241943E - 680838N 0242610E - 680724N 0242903E - 680533N 0243146E - 680219N 0243210E - 675442N 0241836E - 673712N 0241440E - 672230N 0244202E - 672050N 0244215E - 671920N 0244156E - 671757N 0244041E - 671632N 0243815E - 671453N 0243249E - 671253N 0233650E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point</i> 680749N 0232020E	FL 660 FL 95	AUP/UUP	AMC Manage-able Area Only for FPL validation
EFTSAJ11Z 684128N 0224754E - <i>jatkuen pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point</i> 684118N 0243646E - 683518N 0243735E - 682950N 0244051E - 680857N 0244615E - 680146N 0243334E - 680130N 0243042E - 675819N 0242502E - 675638N 0233941E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point</i> 682635N 0222953E - 684128N 0224754E	FL 660 FL 95	AUP/UUP	AMC Manage-able Area Only for FPL validation
EFTSAJ18Z 670154N 0234435E - 670309N 0244725E - 670119N 0245426E - 665900N 0245732E - 663342N 0250146E - 663133N 0245847E - 662923N 0245256E - 662809N 0234241E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point</i> 670154N 0234435E	FL 660 FL 95	AUP/UUP	AMC Manage-able Area Only for FPL validation
EFTSAJ19Z 672524N 0234706E - 672636N 0242952E - 672302N 0244749E - 671252N 0245509E - 665135N 0245847E - 665015N 0240000E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point</i> 672524N 0234706E	FL 660 FL 95	AUP/UUP	AMC Manage-able Area Only for FPL validation
EFTSAJ21Z 683859N 0261642E - 683903N 0262441E - 683824N 0263135E - 683513N 0263921E - 682319N 0263648E - 681949N 0264552E - 681958N 0270047E - 681809N 0270623E - 681652N 0270849E - 681244N 0270953E - 672016N 0261824E - 671913N 0261529E - 671826N 0261219E - 671733N 0260550E - 672241N 0252521E - 675927N 0250105E - 680206N 0244747E - 680438N 0244522E - 680613N 0244441E - 680857N 0244538E - 683859N 0261642E	FL 660 FL 95	AUP/UUP	AMC Manage-able Area Only for FPL validation
EFTSAJ22Z 690437N 0281341E - 685649N 0283320E - 685548N 0282945E - <i>jatkuen pitkin Venäjän valtion rajaa pisteeseen / further along the Russian state border to the point</i> 683223N 0282602E - 680821N 0271807E - 680753N 0263244E - 681856N 0260359E - 683548N 0260711E - 690419N 0273118E - 690437N 0281341E	FL 660 FL 95	AUP/UUP	AMC Manage-able Area Only for FPL validation
EFTSAJ24Z 684248N 0233952E - <i>jatkuen pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point</i> 683838N 0250650E - 683437N 0251005E - 680440N 0251659E - 680057N 0251039E - 675954N 0245850E - 680247N 0244423E - 680031N 0242029E - 680231N 0241238E - 680448N 0240840E - 680805N 0240702E - 681155N 0241343E - 682758N 0240910E - 683704N 0240331E - 683915N 0235504E - 683745N 0234806E - 684248N 0233952E	FL 660 FL 95	AUP/UUP	AMC Manage-able Area Only for FPL validation
EFTSAJ25Z 685950N 0254428E - 685829N 0261903E - 683108N 0264105E - 680041N 0250804E - 680011N 0250201E - 680024N 0245538E - 680131N 0245038E - 680336N 0244539E - 683449N 0243744E - 683702N 0244056E - 683838N 0244646E - <i>jatkuen pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point</i> 685950N 0254428E	FL 660 FL 95	AUP/UUP	AMC Manage-able Area Only for FPL validation
EFTSAJ29Z 690922N 0214925E - <i>jatkuen pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point</i> 684248N 0233952E - 682011N 0225520E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point</i> 684931N 0211143E - 690922N 0214925E	FL 660 FL 95	AUP/UUP	AMC Manage-able Area Only for FPL validation
EFTSAJ30Z 690336N 0203255E - <i>jatkuen pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point</i> 690358N 0215922E - 685904N 0220801E - 684015N 0213453E - <i>jatkuen pitkin Ruotsin valtion rajaa pisteeseen / further along the Swedish state border to the point</i> 690336N 0203255E	FL 660 FL 95	AUP/UUP	AMC Manage-able Area Only for FPL validation

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAJ31Z 693328N 0283619E - 693542N 0255742E - jatkuen pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point 694914N 0282555E - 694457N 0285021E - 693328N 0283619E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAJ32Z 695108N 0282116E - 695056N 0282117E - jatkuen pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point 693206N 0291711E - 693410N 0280043E - 695108N 0282116E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAJ33Z 694136N 0255653E - 693912N 0284318E - 692921N 0280319E - 692538N 0283355E - 685315N 0262253E - 684634N 0262042E - 684917N 0251704E - 685156N 0251842E - jatkuen pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point 694136N 0255653E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAJ34Z 693834N 0291023E - 693453N 0291414E - jatkuen pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point 691045N 0284935E - 691050N 0283436E - 691723N 0280528E - 693016N 0275604E - 693957N 0280732E - 693834N 0291023E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAJ35Z 693746N 0282519E - 692448N 0283431E - 692212N 0284603E - 692121N 0290614E - 691848N 0290044E - jatkuen pitkin Norjan valtion rajaa pisteeseen / further along the Norwegian state border to the point 690438N 0285130E - 690427N 0285200E - 690415N 0282502E - 685252N 0281706E - 685240N 0274420E - 682213N 0261452E - 685235N 0254952E - 685943N 0255202E - 693746N 0282519E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAJ36Z 673310N 0254235E - 673108N 0255112E - 672843N 0255318E - 670332N 0255656E - 665150N 0254748E - 664218N 0251935E - 663029N 0245612E - 662919N 0245051E - 662906N 0244511E - 663009N 0243754E - 663235N 0243222E - 671905N 0242332E - 672131N 0242543E - 672325N 0243104E - 672411N 0243722E - 672401N 0244257E - 672117N 0245632E - 672238N 0251055E - 673203N 0252812E - 673316N 0253516E - 673310N 0254235E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAK03Z 614415N 0251815E - 613748N 0264853E - 603720N 0254157E - 604641N 0251755E - 605711N 0251605E - 614415N 0251815E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAK04Z 614342N 0254302E - 605731N 0254019E - 604734N 0254155E - 604450N 0253650E - 604249N 0252743E - 604355N 0252459E - 604323N 0245008E - 603927N 0243505E - 604832N 0242452E - 614157N 0243703E - 614342N 0254302E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAK05Z 613225N 0242326E - 614201N 0243934E - 614241N 0250211E - 605142N 0244952E - 604944N 0244245E - 604921N 0243617E - 605141N 0242706E - 611430N 0242311E - 613225N 0242326E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAL01Z 611141N 0273150E - 605124N 0275446E - 604008N 0275929E - jatkuen pitkin Venäjän valtion rajaa pisteeseen / further along the Russian state border to the point 603647N 0275319E - 603651N 0273859E - 602849N 0262220E - 604022N 0255640E - 605343N 0255026E - 610102N 0255633E - 611141N 0273150E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAL02Z 612849N 0282553E - 612208N 0285353E - 610808N 0285222E - jatkuen pitkin Venäjän valtion rajaa pisteeseen / further along the Russian state border to the point 604314N 0280520E - 603309N 0273633E - 604730N 0273139E - 611144N 0270349E - 612849N 0282553E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAL03Z 604947N 0274825E - 604705N 0275533E - 604319N 0275819E - 603315N 0274852E - jatkuen pitkin Venäjän valtion rajaa pisteeseen / further along the Russian state border to the point 601346N 0272759E - 601423N 0263208E - 601218N 0261319E - 602441N 0255659E - 604221N 0263558E - 604947N 0274825E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAL04Z 614044N 0262404E - 612418N 0274650E - 610610N 0273808E - 610012N 0273710E - 605115N 0261619E - 604633N 0261828E - 603512N 0264331E - 602038N 0261117E - 602153N 0260028E - 603735N 0254120E - 604447N 0252248E - 614044N 0262404E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAL05Z 615729N 0282102E - 613604N 0292334E - 612038N 0291920E - <i>jatkuen pitkin Venäjän valtion rajaa pisteeseen / further along the Russian state border</i> <i>to the point</i> 605524N 0282755E - 611501N 0282843E - 611553N 0282505E - 610334N 0272551E - 610852N 0271519E - 612403N 0272507E - 613043N 0274715E - 613524N 0275127E - 613718N 0274855E - 614204N 0272441E - 614920N 0272602E - 615619N 0275117E - 615250N 0275649E - 615341N 0281043E - 615729N 0282102E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM01Z 645500N 0293406E - 642313N 0295802E - 640303N 0302538E - 633917N 0294446E - 633140N 0290030E - 640630N 0281344E - 641740N 0282724E - 642328N 0282506E - 642904N 0281051E - 642904N 0281051E - 645500N 0293406E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM02Z 635107N 0294019E - 631341N 0305317E - 630746N 0292457E - 632645N 0290654E - 634157N 0284657E - 635107N 0294019E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM03Z 632418N 0303303E - 630606N 0310732E - 624346N 0300331E - 625023N 0292426E - 631915N 0291855E - 632418N 0303303E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM04Z 632105N 0294451E - 625218N 0294956E - 624743N 0294019E - 625312N 0290721E - 625248N 0283150E - 625607N 0281818E - 630929N 0280553E - 631408N 0281216E - 632105N 0294451E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM05Z 634755N 0290950E - 633202N 0293029E - 630938N 0295126E - 630213N 0281240E - 632014N 0275543E - 634755N 0290950E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM06Z 641429N 0283413E - 633736N 0292317E - 631406N 0282004E - 633705N 0274717E - 640656N 0280143E - 641429N 0283413E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM07Z 634442N 0275718E - 634409N 0280834E - 632144N 0284017E - 631106N 0281212E - 631928N 0274603E - 632441N 0274158E - 634209N 0274929E - 634442N 0275718E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM08Z 640924N 0281217E - 640815N 0282111E - 640426N 0282801E - 631711N 0280525E - 631859N 0273825E - 631557N 0272233E - 631801N 0271402E - 632030N 0270940E - 633621N 0271414E - 640504N 0271417E - 640206N 0274118E - 640924N 0281217E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM09Z 650651N 0292457E - 644317N 0294302E - 642100N 0283121E - 642750N 0281402E - 642551N 0274804E - 643121N 0274157E - 643505N 0274133E - 650651N 0292457E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM10Z 644024N 0282234E - 642804N 0285344E - 640450N 0274136E - 640541N 0273212E - 640712N 0272718E - 641037N 0272349E - 643740N 0274610E - 644024N 0282234E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM11Z 643438N 0282938E - 643436N 0283719E - 642925N 0285024E - 641537N 0285539E - 640218N 0283904E - 635646N 0281517E - 635714N 0280820E - 635847N 0280231E - 640211N 0275840E - 641124N 0280520E - 641353N 0280939E - 641732N 0280949E - 643317N 0282128E - 643438N 0282938E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM12Z 643433N 0283740E - 643321N 0284302E - 642949N 0284734E - 635855N 0282426E - 634934N 0274451E - 635240N 0271653E - 635648N 0271254E - 641451N 0272715E - 643508N 0282951E - 643433N 0283740E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAM13Z 643845N 0280023E - 643638N 0280700E - 643259N 0281120E - 635032N 0273612E - 635434N 0265914E - 640417N 0263344E - 641802N 0262719E - 643235N 0264405E - 643845N 0280023E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM16Z 640610N 0270401E - 640302N 0273252E - 635920N 0274104E - 633533N 0274039E - 631825N 0273528E - 631625N 0272500E - 631131N 0271715E - 631100N 0270822E - 631221N 0270116E - 634642N 0261536E - 640350N 0265526E - 640610N 0270401E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM25Z 625243N 0280812E - 624915N 0284528E - 624729N 0285511E - 622644N 0284915E - 622813N 0275222E - 623357N 0274641E - 625243N 0280812E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM26Z 630426N 0282211E - 630504N 0291858E - 625649N 0292551E - 624910N 0285903E - 623559N 0284847E - 624455N 0275859E - 630426N 0282211E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM35Z 621450N 0245217E - 621145N 0250142E - 615148N 0250101E - 613810N 0242726E - 613626N 0240808E - 613914N 0235645E - 615649N 0235020E - 620955N 0235409E - 621450N 0245217E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM36Z 621333N 0243633E - 621620N 0251106E - 620929N 0252618E - 620126N 0252428E - 614813N 0245216E - 614859N 0244211E - 615141N 0243606E - 621333N 0243633E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM37Z 621350N 0251639E - 615256N 0260226E - 613148N 0253749E - 613001N 0243306E - 613750N 0240231E - 614355N 0240332E - 621350N 0251639E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM41Z 635153N 0263937E - 631650N 0272542E - 630403N 0271612E - 625928N 0270709E - 631459N 0252812E - 632104N 0252557E - 635146N 0262644E - 635153N 0263937E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM42Z 640221N 0255349E - 631359N 0255305E - 631211N 0250755E - 630639N 0243755E - 634717N 0243906E - 640221N 0255349E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM44Z 633105N 0273455E - 632927N 0280000E - 632222N 0282209E - 625813N 0284422E - 625158N 0283659E - 630128N 0265041E - 631322N 0264810E - 632555N 0270755E - 633105N 0273455E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM45Z 631338N 0264806E - 630246N 0284946E - 622751N 0280801E - 622812N 0275223E - 622720N 0272042E - 622421N 0265821E - 631338N 0264806E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM46Z 641522N 0264258E - 641328N 0265659E - 641032N 0265819E - 640008N 0272524E - 633911N 0263612E - 634028N 0262402E - 640224N 0255359E - 640715N 0261902E - 641522N 0264258E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM47Z 640712N 0261847E - 634502N 0264848E - 631302N 0254504E - 631330N 0253425E - 631606N 0252700E - 635703N 0252659E - 640712N 0261847E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM50Z 621255N 0264151E - 615425N 0270603E - 614018N 0264203E - 612625N 0264201E - 613211N 0252104E - 613751N 0251636E - 615555N 0253725E - 621319N 0263122E - 621255N 0264151E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM58Z 623925N 0261904E - 622708N 0264613E - 620409N 0264708E - 614415N 0254536E - 620600N 0245745E - 623925N 0261904E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAM59Z 625352N 0250708E - 625432N 0254449E - 623110N 0263723E - 615750N 0251554E - 621013N 0244817E - 621408N 0245750E - 622141N 0243641E - 624620N 0243725E - 625352N 0250708E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM60Z 623018N 0244302E - 623107N 0245151E - 622235N 0251538E - 621622N 0252930E - 621118N 0252921E - 620430N 0251231E - 620215N 0244418E - 620610N 0243624E - 622730N 0243649E - 623018N 0244302E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM61Z 623049N 0245137E - 622806N 0250215E - 621551N 0250150E - 620253N 0245206E - 615825N 0235925E - 621717N 0233259E - 622242N 0233754E - 623049N 0245137E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM62Z 624358N 0233056E - 623939N 0250247E - 621950N 0250156E - 621102N 0234149E - 622659N 0231906E - 624358N 0233056E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM63Z 630629N 0240807E - 624532N 0250303E - 623234N 0250229E - 622807N 0245648E - 623211N 0233025E - 623755N 0232555E - 630531N 0235621E - 630629N 0240807E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM64Z 632228N 0245352E - 632020N 0250129E - 624512N 0252607E - 623639N 0245212E - 623657N 0244548E - 623826N 0244031E - 624019N 0243714E - 631841N 0243816E - 632105N 0244407E - 632228N 0245352E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM65Z 632205N 0245236E - 631911N 0250427E - 623956N 0250249E - 623703N 0245521E - 623633N 0244631E - 625736N 0235107E - 630248N 0235157E - 631807N 0243105E - 632205N 0245236E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM66Z 632548N 0255316E - 624252N 0255237E - 624159N 0250127E - 631851N 0243502E - 632344N 0250139E - 632548N 0255316E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM70Z 631028N 0253925E - 625812N 0263310E - 623451N 0260844E - 623258N 0255647E - 624603N 0252659E - 630718N 0252700E - 631028N 0253925E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM71Z 632734N 0252700E - 631437N 0265048E - 624736N 0262158E - 630008N 0252700E - 632734N 0252700E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM72Z 630149N 0261346E - 630139N 0262114E - 624112N 0270246E - 622946N 0263350E - 622924N 0260450E - 623831N 0254414E - 630039N 0260703E - 630149N 0261346E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM73Z 631833N 0262559E - 631043N 0271453E - 625334N 0271815E - 624301N 0270725E - 623332N 0264320E - 625427N 0260036E - 631833N 0262559E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM74Z 625043N 0264733E - 622705N 0271750E - 620125N 0264128E - 620058N 0263303E - 620300N 0262216E - 622204N 0262107E - 623139N 0255946E - 625043N 0264733E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAM75Z 625633N 0270228E - 625530N 0271753E - 623026N 0272241E - 622140N 0271002E - 622103N 0270316E - 622140N 0265515E - 624255N 0262749E - 625633N 0270228E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAN01Z 630536N 0290755E - 625850N 0294850E - 624558N 0295055E - 623006N 0292826E - 624000N 0282445E - 625655N 0283744E - 630536N 0290755E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EFTSAN02Z 624919N 0282947E - 624915N 0284528E - 623624N 0293717E - 621556N 0290845E - 623008N 0282432E - 624919N 0282947E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAN03Z 624000N 0275203E - 623843N 0284228E - 622656N 0291908E - 622457N 0292043E - 621214N 0290451E - 620911N 0285218E - 621226N 0284228E - 620523N 0281810E - 622306N 0273802E - 624000N 0275203E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAN04Z 622632N 0284324E - 621721N 0291112E - 620827N 0290011E - 615109N 0282447E - 615211N 0281518E - 615427N 0280836E - 621559N 0280657E - 622632N 0284324E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAN05Z 623048N 0274958E - 623047N 0275729E - 621523N 0283215E - 615407N 0283231E - 614050N 0274443E - 615749N 0271736E - 622910N 0274301E - 623048N 0274958E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAN06Z 620507N 0272910E - 620434N 0273809E - 615005N 0280109E - 614503N 0275949E - 613917N 0273855E - 614520N 0270743E - 620332N 0272210E - 620507N 0272910E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAN07Z 624456N 0302828E - 623624N 0311535E - 621649N 0304521E - 622209N 0300836E - 623530N 0301935E - 624022N 0301622E - 624456N 0302828E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAN08Z 623219N 0302335E - 622829N 0304953E - 622313N 0305507E - 614154N 0295348E - 614003N 0294848E - 614022N 0294001E - 614317N 0293156E - 615502N 0293416E - 621357N 0283754E - 623040N 0285831E - 622609N 0300143E - 623219N 0302335E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAN09Z 622413N 0285029E - 620034N 0300032E - 614400N 0295700E - 614055N 0295205E - jatkuen pitkin Venäjän valtion rajaa pisteeseen / <i>further along the Russian state border</i> <i>to the point</i> 613845N 0294848E - 613319N 0294024E - 612648N 0290820E - 614702N 0280910E - 620000N 0280810E - 621534N 0283953E - 622413N 0285029E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAN10Z 630111N 0293446E - 625037N 0303627E - 623501N 0304632E - 622155N 0303532E - 621351N 0300654E - 621900N 0285508E - 622504N 0285115E - 624903N 0292438E - 625756N 0292303E - 630111N 0293446E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAN11Z 631504N 0305039E - 625411N 0312937E - 622611N 0310218E - 623159N 0303019E - 623616N 0301905E - 624142N 0301530E - 624612N 0294916E - 625256N 0294724E - 631504N 0305039E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAN17Z 620158N 0264651E - 614643N 0280545E - 613623N 0281916E - 612240N 0280647E - 611337N 0273634E - 612919N 0261724E - 614424N 0261715E - 620158N 0264651E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAN18Z 620354N 0281829E - 620046N 0283310E - 614721N 0283401E - 614225N 0282039E - 614016N 0274539E - 614708N 0273444E - 615214N 0273631E - 620354N 0281829E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation
EFTSAN19Z 623938N 0280820E - 623445N 0281502E - 614054N 0273042E - 615008N 0264222E - 620718N 0261942E - 623702N 0270134E - 623900N 0271619E - 623959N 0275217E - 623938N 0280820E	<u>FL 660</u> FL 95	AUP/UUP	AMC Manage- able Area Only for FPL validation

ENR 5.2.6 Lentotiedotusalueiden rajojen yli tapahtuvan ilmatilan käytön alueet (CBA)**ENR 5.2.6 Cross Border Areas (CBA)**

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EUCBA10 LAPLAND 680359N 0234122E - 673943N 0242712E - 672320N 0243801E - 663511N 0244642E - 662732N 0244120E - 661606N 0234044E - 660022N 0222825E - 673338N 0212926E - 680125N 0232850E - 680359N 0234122E	<u>FL 660</u> FL 95	NOTAM	Only for use during the period 01 FEB - 14 NOV
EUCBA11 BOTHNIA 652809N 0231158E - 652228N 0235435E - 651817N 0242453E - 650643N 0241132E - 645428N 0241313E - 644001N 0243123E - 640601N 0232642E - 640226N 0224239E - 635829N 0215742E - 635829N 0211550E - 650137N 0220919E - 645832N 0222344E - 652142N 0225521E - 652809N 0231158E	<u>FL 660</u> FL 95	NOTAM	NIL
EUCBA12 BOTHNIA 640226N 0224239E - 632906N 0215245E - 633622N 0212551E - 634224N 0210302E - 635829N 0211550E - 635829N 0215742E - 640226N 0224239E	<u>FL 660</u> FL 95	NOTAM	NIL

ENR 5.2.7 CBA-alueiden suojavyöhykkeet (FBZ)**ENR 5.2.7 Flight plan buffer zones (FBZ) for CBA**

Airspace designation Lateral limits	Vertical limits	Time of activity	RMK
1	2	3	4
EUCBA10Z 681137N 0234602E - 674733N 0243137E - 671459N 0245315E - 662601N 0245337E - 661958N 0243530E - 661058N 0234804E - 655518N 0222224E - 673507N 0211929E - 673918N 0213428E - 680637N 0232039E - 681137N 0234602E	<u>FL 660</u> FL 95	AUP/UUP	For IFR flight planning purposes only
EUCBA11Z 653153N 0230958E - 652737N 0240209E - 652143N 0244435E - 650531N 0242540E - 645606N 0242653E - 644323N 0244246E - 643349N 0243709E - 640037N 0233359E - 635236N 0215901E - 635237N 0215004E - 635529N 0210513E - 650631N 0220503E - 650310N 0222026E - 652350N 0224845E - 653153N 0230958E	<u>FL 660</u> FL 95	AUP/UUP	For IFR flight planning purposes only
EUCBA12Z 641051N 0231157E - 632107N 0215646E - 633341N 0211012E - 634126N 0205400E - 640149N 0211020E - 640517N 0220639E - 641051N 0231157E	<u>FL 660</u> FL 95	AUP/UUP	For IFR flight planning purposes only

ENR 5.2.8 Ilmapuolustuksen tunnistusvyöhyke (ADIZ)

ENR 5.2.8 Air defence identification zone (ADIZ)

Airspace designation Lateral limits	Vertical limits	Activity time	RMK
1	2	3	4
ADIZ 691019N 0284949E - jatkuen pitkin Norjan valtion rajaa / <i>further along the Norwegian state border</i> pisteeseen / <i>to the point</i> 690307N 0285545E - jatkuen pitkin Venäjän valtion rajaa / <i>further along the Russian state border</i> pisteeseen / <i>to the point</i> 601201N 0271735E - 601201N 0271249E - 601201N 0264549E - 601547N 0264730E - 601601N 0271049E - 601701N 0272149E - 602201N 0272949E - 602701N 0272949E - 604328N 0274513E - 605900N 0283004E - 610330N 0283953E - 610839N 0284714E - 611044N 0285432E - 611346N 0290227E - 611512N 0290649E - 612556N 0290649E - 613332N 0290956E - 613806N 0293228E - 614612N 0294459E - 623352N 0305552E - 625314N 0311432E - 634410N 0293628E - 640328N 0300928E - 642046N 0294535E - 645842N 0291639E - 653620N 0292452E - 654419N 0300244E - 660225N 0295422E - 661548N 0292025E - 665618N 0283607E - 673810N 0293556E - 680610N 0282000E - 683524N 0280126E - 684102N 0281745E - 684702N 0281345E - 685202N 0275945E - 691001N 0281205E - 691019N 0284949E	UNL SFC	H24	

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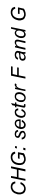
ENR 6 REITTISUUNNISTUS- JA INDEX-KARTAT**ENR 6 ENROUTE AND INDEX CHARTS**

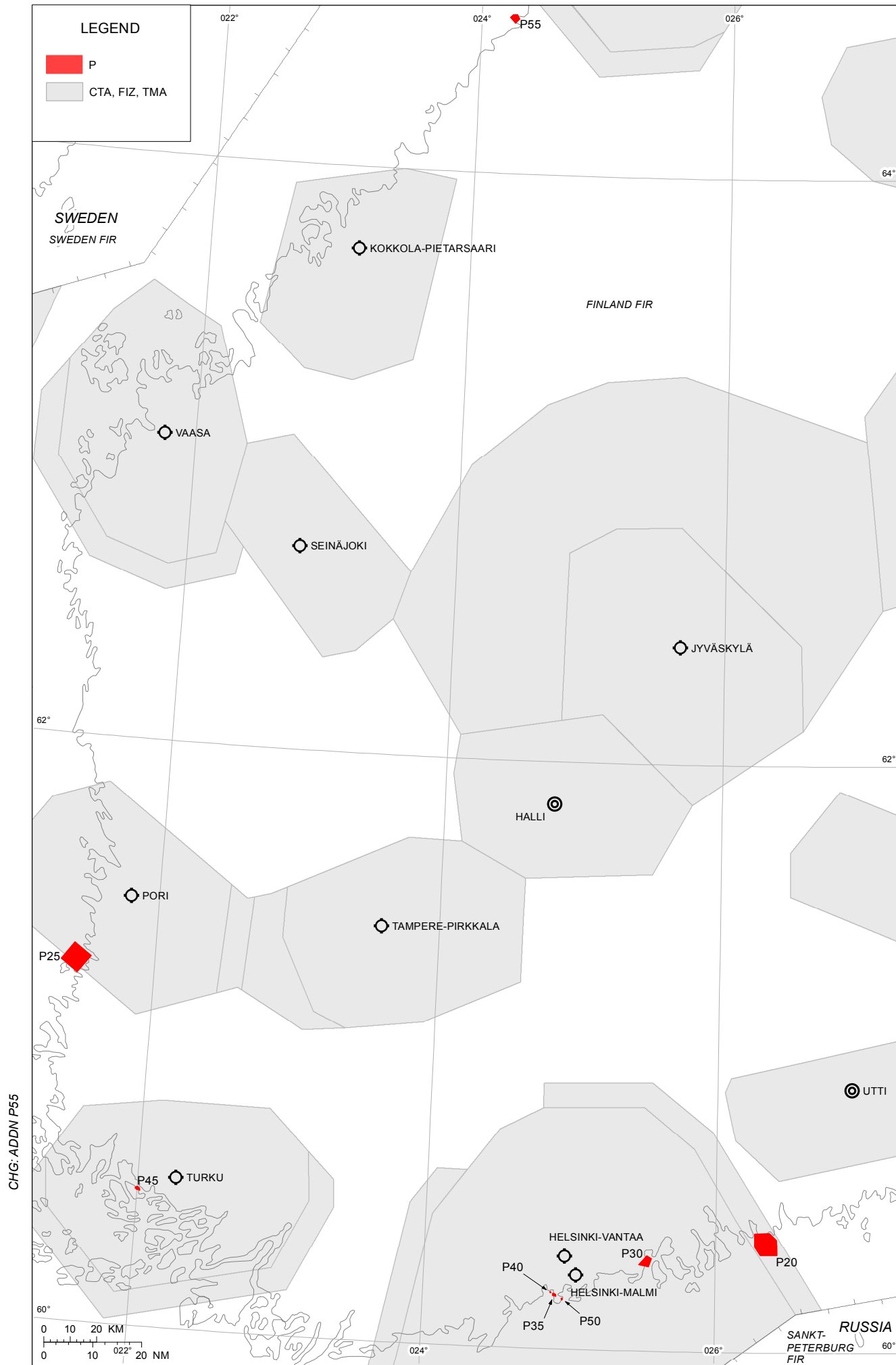
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This section includes the following Enroute and Index Charts:

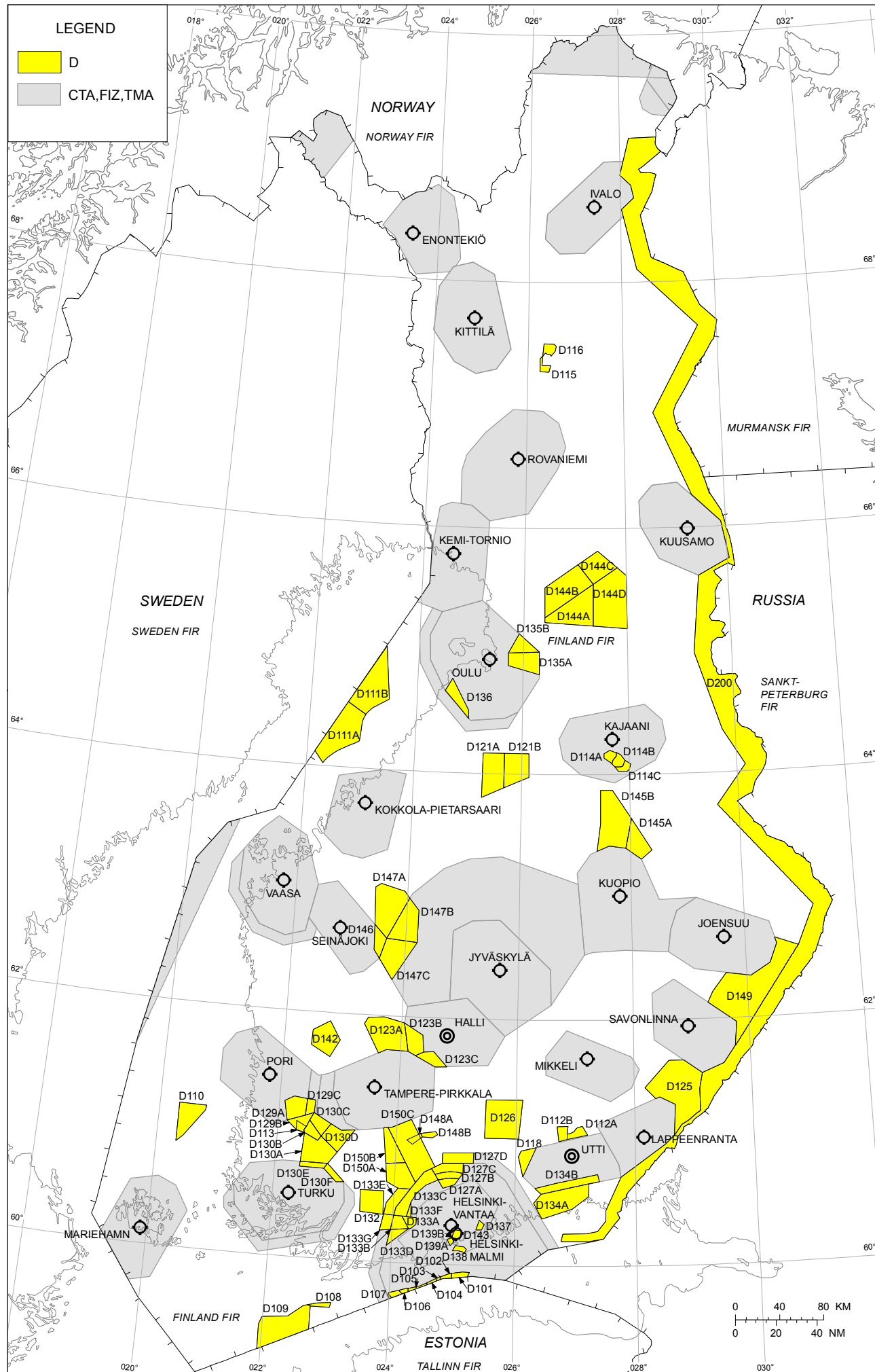
REITTISUUNNISTUSKARTTA - ENRC / <i>ENROUTE CHART - ENRC</i>	ENR 6.1 - 1	10 NOV 2016
AMA INDEX	ENR 6.1 - 3	13 NOV 2014
ACC SECTORS	ENR 6.1 - 5	10 NOV 2016
FRA AREAS	ENR 6.1 - 7	12 NOV 2015
RADIO NAVIGATION AIDS	ENR 6.2 - 1	05 FEB 2015
P AREAS	ENR 6.3 - 1	10 NOV 2016
R AREAS	ENR 6.3 - 3	10 NOV 2016
D AREAS	ENR 6.3 - 5	10 NOV 2016
CBA AREAS	ENR 6.4 - 1	31 MAR 2016
TRA AREAS	ENR 6.4 - 3	10 NOV 2016
TSA AREAS	ENR 6.4 - 5	10 NOV 2016

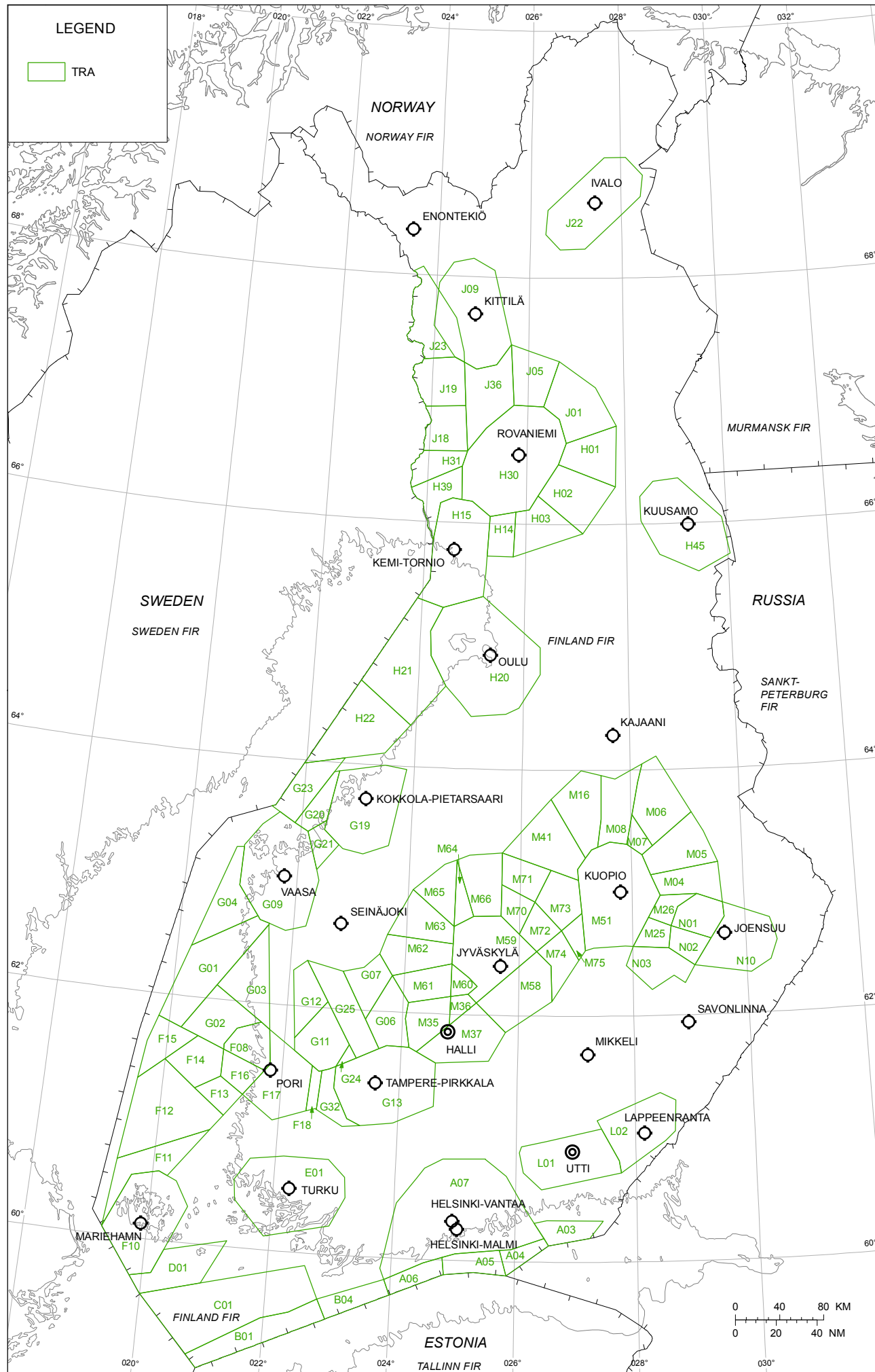
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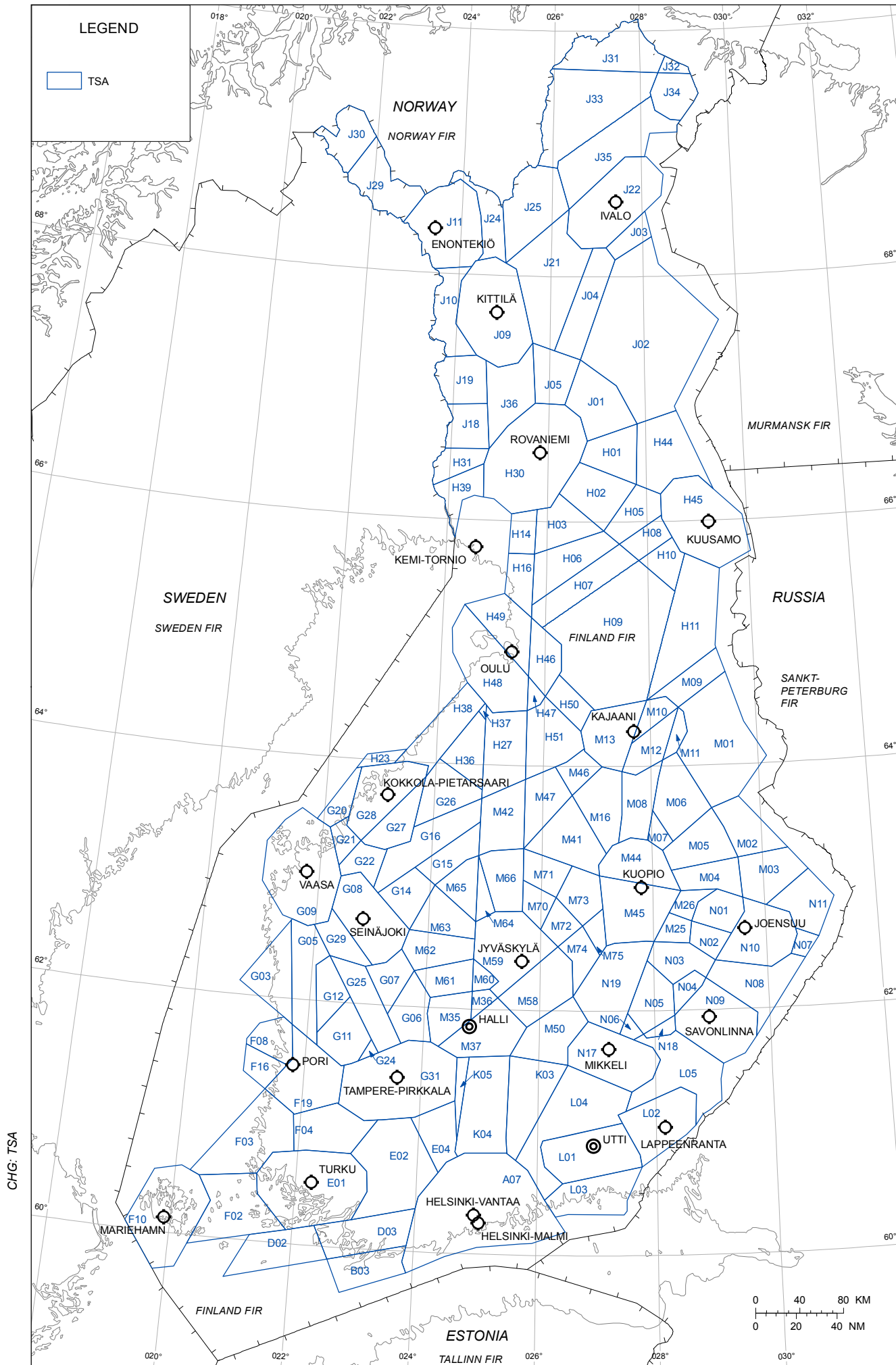






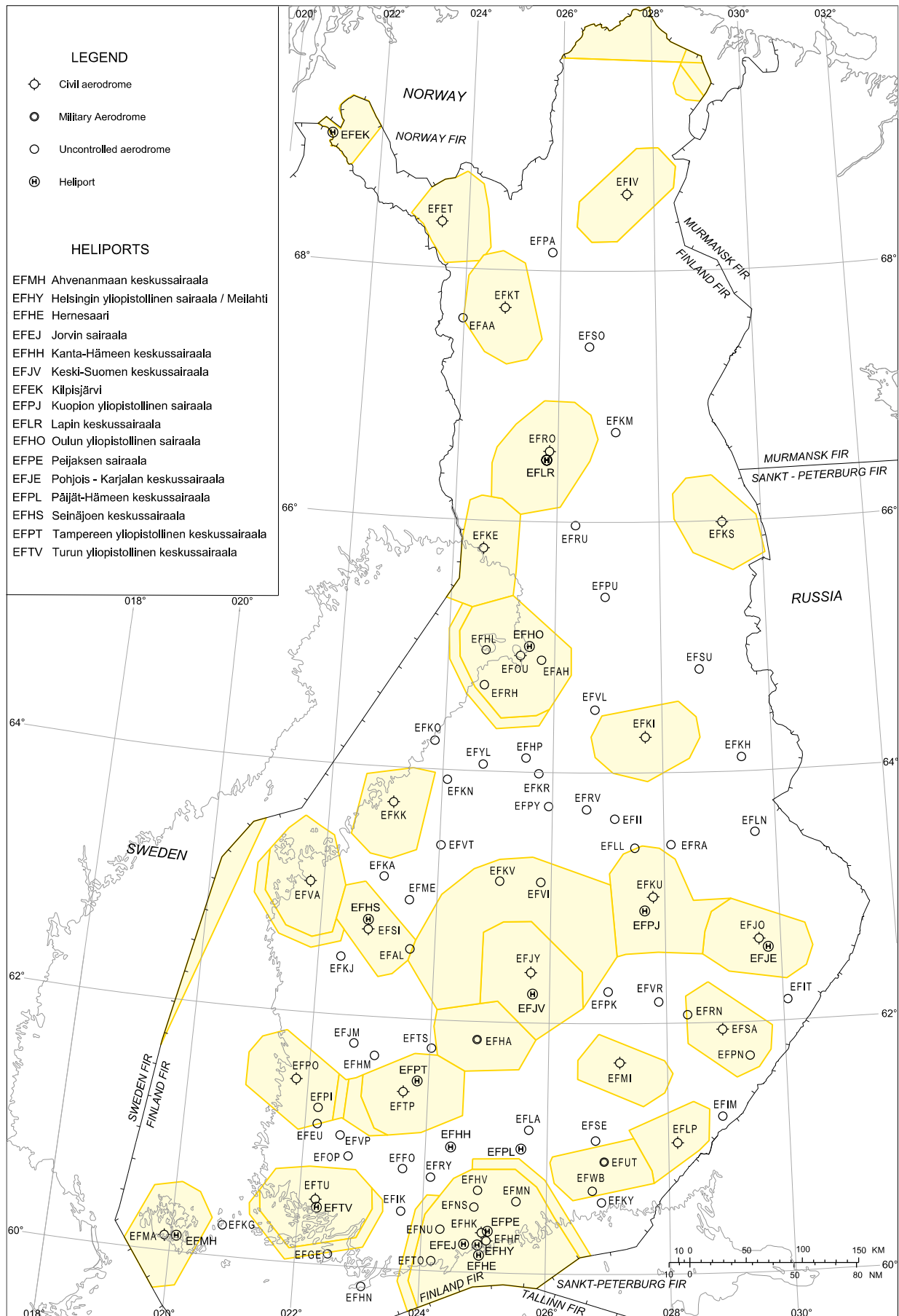


CHG: ADDN TRA F18, G32, DEL TRA F05, G14, K01



Lentopaikka / helikopterilentopaikka <i>Aerodrome / heliport</i>	LOC ID	Sallitut liikennetyypit <i>Type of traffic permitted to use the aerodrome</i>			Viite AD-osaan ja huomautukset <i>Reference to AD Section and remarks</i>
		INTL - NTL	IFR - VFR	S = Säännöllinen / <i>Scheduled</i> NS = Ei-säännöllinen / <i>Non-scheduled</i> P = Yksityinen / <i>Private</i>	
1	2	3	4	5	6
Seinäjoen keskussairaala	EFHS	NTL	VFR	ks. / see AD 3.1 - 2	AD 3.1 - 2, Helikopterilento- paikka / <i>Heliport</i>
Seinäjoki	EFSE	INTL - NTL	IFR - VFR	S, NS, P	EFSE AD 2
Selänpää	EFSE	NTL	VFR	P	AD 2 EFXX
Sodankylä	EFSE	NTL	VFR	P	AD 2 EFXX
Sulkaharju	EFVT	NTL	VFR	P	AD 2 EFXX
Suomussalmi	EFSE	NTL	VFR	P	AD 2 EFXX
Tampereen Yliopistollinen sairaala	EFPT	NTL	VFR	ks. / see AD 3.1 - 2	AD 3.1 - 2, Helikopterilento- paikka / <i>Heliport</i>
Tampere-Pirkkala	EFTP	INTL - NTL	IFR - VFR	S, NS, P	EFTP AD 2
Teisko	EFTS	NTL	VFR	P	AD 2 EFXX
Torbacka	EFTO	NTL	VFR	P	AD 2 EFXX
Turku	EFTU	INTL - NTL	IFR - VFR	S, NS, P	EFTU AD 2
Turun Yliopistollinen kes- kussairaala	EFTV	NTL	VFR	ks. / see AD 3.1 - 2	AD 3.1 - 2, Helikopterilento- paikka / <i>Heliport</i>
Utti	EFUT	INTL* - NTL	IFR - VFR	NS, P	EFUT AD 2, MIL AD
Vaala	EFVL	NTL	VFR	P	AD 2 EFXX
Vaasa	EFVA	INTL - NTL	IFR - VFR	S, NS, P	EFVA AD 2
Vampula	EFVP	NTL	VFR	P	AD 2 EFXX
Varkaus	EFVR	NTL	VFR	P	AD 2 EFXX
Viitasaari	EFVI	NTL	VFR	P	AD 2 EFXX
Wredeby	EFWB	NTL	VFR	P	AD 2 EFXX
Ylivieska	EFYL	NTL	VFR	P	AD 2 EFXX
<p><i>Huom.: * Käytettäessä kansainväliseen ilmailukenteeseen, ennakkolupa vaaditaan.</i></p> <p><i>Note: * When used for international air traffic, a prior permission is required.</i></p>					

LENTOPAIKAT JA HELIKOPTERILENTOPAIKAT / AERODROMES AND HELIPORTS



EFET AD 2.8 ASEMATASOT, RULLAUSTIET JA TARKISTUSPISTEET APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Asematasojen pinta, kantavuus ja valaistus / <i>Apron surface, strength and lighting</i>					
	APN ID	SFC	PCN	LGT	RMK	
	APN	ASPH	50/F/A/X/T	B LIL	Partly R LIL	

2	Rullausteiden leveys, pinta, kantavuus ja valaistus / <i>Taxiway width, surface, strength and lighting</i>					
	TWY ID	WID M	SFC	PCN	LGT	RMK
	A	18	ASPH	50/F/A/X/T	B LIL	

3	ACL tarkistuspaikka ja sen korkeus / <i>location and elevation</i>			LCA: ELEV:	APN 1007 FT, 682134N 0232532E	
4	VOR/INS tarkistuspisteet / <i>checkpoints</i>			VOR: INS:	NIL Ks. / See EFET AD 2.20, Ilma-alusten seisontapaikat / <i>Aircraft stands</i>	
5	RMK			NIL		

EFET AD 2.9 KENTTÄALUEEN OPASTEET JA MERKINNÄT SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Ilma-alusten seisontapaikkakyltit, rullausopasteet ja visuaalisen telakoitumisen opastinjärjestelmä <i>Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands</i>	Rullausopastekyltit / <i>Taxiing guidance signs</i>
2	RWY / TWY merkinnät ja valaistus / <i>markings and LGT</i>	RWY: ID, THR, TDZ, RCL, reunaviivat / <i>side stripes</i> , tähtäyspistemerkinnät / <i>aiming point markings</i> TWY: CL, kiitotieodotuspaikka / <i>runway-holding position</i> RWY/TWY LGT: Ks. / See EFET AD 2.8, EFET AD 2.14, EFET AD 2.15
3	Pysäytysvalorivit / <i>Stop bars</i>	NIL
4	RMK	NIL

EFET AD 2.10 LENTOPAIKAN ESTEET AERODROME OBSTACLES

ICAO Annex 15:n edellyttämää sähköistä Area 2 -estetietoa ei ole saatavissa.

Sähköinen luettelo, joka sisältää Finavian tiedossa olevat, lentopaikan mittapisteestä (ARP) 45 KM säteellä sijaitsevat esteet, joiden korkeus on yli 120 M kiitotien alimman kohdan korkeudesta, on saatavilla csv-tiedostona osoitteesta:

<https://ais.fi/ais/aipobst/aipobst.htm>

Tiedostot eivät noudata kaikkia ICAO Annex 15:n sähköiselle estetiedolle asettamia vaatimuksia. Käyttäjien tulee huolellisesti arvioida tuotteen soveltuvuus käyttötarkoitukseen.

Area 2 electronic obstacle data, as specified in ICAO Annex 15, is not available.

Electronic list containing obstacles, as far as known to Finavia, within 45 KM of aerodrome ARP and exceeding the height of 120 M above lowest elevation on the RWY, is available in csv format at:

These files do not comply with all the ICAO Annex 15 specifications for electronic obstacle data. The data users shall therefore carefully assess the set of available data so as to determine whether the product is adapted to their intended use.

**EFET AD 2.11 LENTOSÄÄPALVELU
METEOROLOGICAL INFORMATION PROVIDED**

1	Vastuussa oleva lentosääkeskus / <i>Responsible MET office</i>	ROVANIEMI
2	Palveluajat / <i>Hours of service</i> Toissijainen lentosääkeskus / <i>MET Office outside hours</i>	H24
3	Lentopaikkaennusteet laativa lentosääkeskus <i>Office responsible for TAF preparation</i> Voimassaoloaika / <i>Periods of validity</i>	ROVANIEMI Voimassaoloaika vaihtelee / <i>Period of validity varies</i>
4	Laskuennustetyypit / <i>Type of landing forecast</i> Julkaisutiheys / <i>Interval of issuance</i>	NIL
5	Sääneuvonta / <i>Briefing/consultation provided</i>	Puhelimitse / <i>By telephone</i> EFET AFIS tai / <i>or</i> TEL 0600 9 3808 Meteorologi / <i>Forecaster</i> - maksullinen palvelu, saatavilla kotimaisessa puhelinliikenteessä - <i>charged service, available in domestic telephony</i>
6	Sääasiakirjat / <i>Flight documentation</i> Käytettävät kielet / <i>Language(s) used</i>	Kartat ja teksti selväkielisin lyhentein / <i>Charts and abbreviated plain language text</i> FI, EN
7	Sääneuvonnassa käytettävät kartat ja muu tieto <i>Charts and other information available for briefing or consultation</i>	Muu tieto / <i>Other information:</i> http://www.ilmailusaa.fi
8	Havaintojärjestelmät / <i>Observation system and site</i> RVR WDI	RWY 03/21: VIS COORD: 682142N 0232539E
9	Palveltavat ATS-yksiköt <i>ATS units provided with information</i>	Enontekiö AFIS
10	Lisätiedot <i>Additional information</i>	METAR / AUTO METAR (1/2 tunnin välein / <i>half hourly</i>) +358 16 554 8420 (AFIS)

**EFET AD 2.12 KIITOTIEN OMINAISTIEDOT
RUNWAY PHYSICAL CHARACTERISTICS**

RWY	BRG GEO DEG	RWY DMN M	RWY PCN SFC	RWY PSN	COORD	ELEV FT	TDZ FT	GUND FT	RWY / SWY Slope
1	2	3	4	5		6	7	8	9
03	034.68	2001 x 45	50/F/A/X/T ASPH	THR	682118.76N 0232437.79E	999.5	998.9	88.3	REF AOC
				RWY END	682118.76N 0232437.79E	999.5			
21	214.70			THR	682211.86N 0232617.37E	1006.3	1002.8	88.2	
				RWY END	682211.86N 0232617.37E	1006.3			

RWY	SWY DMN M SFC	CWY DMN M	STRIP DMN M	RESA DMN M	ARST	OFZ	RMK
10	11	12	13	14	15	16	17
03			2121 x 300	90 x 90			Turn pad LEN 75 M, WID MAX 60 M. The rows of edge lights are 51 M apart.
21				90 x 90			The rows of edge lights are 51 M apart.

EFHA AD 2.8 ASEMATASOT, RULLAUSTIET JA TARKISTUSPISTEET APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Asematasojen pinta, kantavuus ja valaistus / <i>Apron surface, strength and lighting</i>					
	APN ID	SFC	PCN	LGT	RMK	
	CIV APN	ASPH	12/F/B/X/T	B LIL		
	MIL APN 1	ASPH	42/F/B/X/T	B LIL		
	MIL APN 2	CONC	76/R/B/W/T	B LIL		
	PATRIA APN	CONC	NIA	B LIL		

2	Rullausteiden leveys, pinta, kantavuus ja valaistus / <i>Taxiway width, surface, strength and lighting</i>					
	TWY ID	WID M	SFC	PCN	LGT	RMK
	A	10	ASPH	NIA	B LIL	
	C	15	ASPH	45/F/B/X/T	B LIL	
	E	19	ASPH	35/F/B/X/T	B LIL	
	F	20	ASPH	37/F/B/X/T	B LIL	
	G	12	ASPH	NIA	B LIL	
	H	12	ASPH	NIA	B LIL	
	J	15	ASPH	NIA	B LIL	

3	ACL tarkistuspaikka ja sen korkeus / <i>location and elevation</i>			LCA: ELEV:	CIV APN 470 FT, 615131N 0244857E	
4	VOR/INS tarkistuspisteet / <i>checkpoints</i>			NIL		
5	RMK			NIL		

EFHA AD 2.9 KENTTÄALUEEN OPASTEET JA MERKINNÄT SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Ilma-alusten seisonapaikkakyltit, rullausopasteet ja visuaalisen telakoitumisen opastinjärjestelmä <i>Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands</i>	Rullausopastekyltit / <i>Taxiing guidance signs</i>
2	RWY/TWY merkinnät ja valaistus / <i>markings and LGT</i>	RWY: ID, THR, RCL, TDZ, reunaviivat / <i>side stripes</i> , tähtäyspistemerkinnät / <i>aiming point markings</i> TWY: CL, kiitotieodotuspaikat / <i>runway-holding positions</i> RWY/TWY LGT: Ks. / <i>See</i> EFHA AD 2.8, EFHA AD 2.14, EFHA AD 2.15
3	Pysäytysvalorivit / <i>Stop bars</i>	NIL
4	RMK	NIL

EFHA AD 2.10 LENTOPAIKAN ESTEET AERODROME OBSTACLES

ICAO Annex 15:n edellyttämää sähköistä Area 2 -estetietoa ei ole saatavissa.

Sähköinen luettelo, joka sisältää Finavian tiedossa olevat, lentopaikan mittapisteestä (ARP) 45 KM säteellä sijaitsevat esteet, joiden korkeus on yli 120 M kiitotien alimman kohdan korkeudesta, on saatavilla csv-tiedostona osoitteesta:

<https://ais.fi/ais/aipobst/aipobst.htm>

Tiedostot eivät noudata kaikkia ICAO Annex 15:n sähköiselle estetiedolle asettamia vaatimuksia. Käyttäjien tulee huolellisesti arvioida tuotteen soveltuvuus käyttötarkoitukseen.

Area 2 electronic obstacle data, as specified in ICAO Annex 15, is not available.

Electronic list containing obstacles, as far as known to Finavia, within 45 KM of aerodrome ARP and exceeding the height of 120 M above lowest elevation on the RWY, is available in csv format at:

These files do not comply with all the ICAO Annex 15 specifications for electronic obstacle data. The data users shall therefore carefully assess the set of available data so as to determine whether the product is adapted to their intended use.

**EFHA AD 2.11 LENTOSÄÄPALVELU
METEOROLOGICAL INFORMATION PROVIDED**

1	Vastuussa oleva lentosääkeskus / <i>Responsible MET office</i>	HELSINKI
2	Palveluajat / <i>Hours of service</i>	H24
3	Lentopaikkaennusteet laativa lentosääkeskus <i>Office responsible for TAF preparation</i> Voimassaoloaika / <i>Periods of validity</i>	HELSINKI Voimassaolo vaihtelee / <i>Period of validity varies</i>
4	Laskuennustetyypit / <i>Type of landing forecast</i> Julkaisutiheys / <i>Interval of issuance</i>	NIL
5	Sääneuvonta / <i>Briefing consultation provided</i>	Puhelimitse / <i>By telephone</i> EFHA TWR tai / <i>or</i> TEL 0600 9 3808 Meteorologi / <i>Forecaster</i> - maksullinen palvelu, saatavilla kotimaisessa puhelinliikenteessä - <i>charged service, available in domestic telephony</i>
6	Sääasiakirjat / <i>Flight documentation</i> Käytettävät kielet / <i>Language(s) used</i>	Kartat ja teksti selväkielisin lyhentein / <i>Charts and abbreviated plain language text</i> FI, EN
7	Sääneuvonnassa käytettävät kartat ja muu tieto <i>Charts and other information available for briefing or consultation</i>	Muu tieto / <i>Other information:</i> http://www.ilmailusaa.fi
8	Havaintojärjestelmät / <i>Observation system and site</i> RVR WDI	RWY 08/26: TDZ, END COORD: 615128N 0244821E
9	Palveltavat ATS-yksiköt <i>ATS units provided with information</i>	Halli TWR
10	Lisätiedot <i>Additional information</i>	METAR / AUTO METAR (1/2 tunnin välein / <i>half hourly</i>) +358 3 532 0071 (AIS/MET)

**EFHA AD 2.12 KIITOTIEN OMINAISTIEDOT
RUNWAY PHYSICAL CHARACTERISTICS**

RWY	BRG GEO DEG	RWY DMN M	RWY PCN SFC	RWY PSN	COORD	ELEV FT	TDZ FT	GUND FT	RWY / SWY Slope
1	2	3	4	5		6	7	8	9
08	086.08	2601 x 60	100/F/B/W/T ASPH	THR	615118.92N 0244543.07E	479.3	480.9	60.4	REF AOC
				RWY END	615118.92N 0244543.07E	479.3			
26	266.13			THR	615124.63N 0244840.54E	473.8	477.7	60.5	
				RWY END	615124.63N 0244840.54E	473.8			

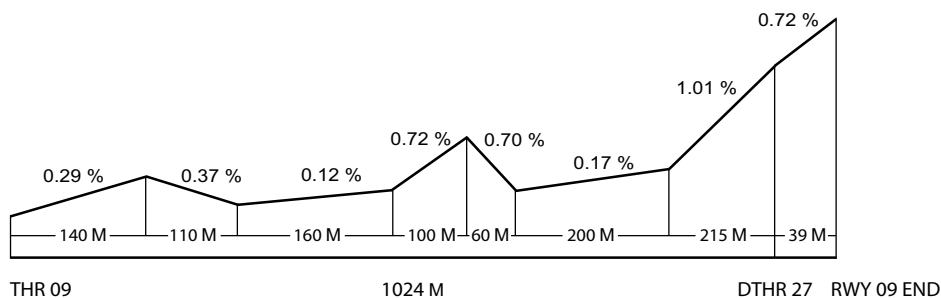
RWY	SWY DMN M SFC	CWY DMN M	STRIP DMN M	RESA DMN M	ARST	OFZ	RMK
10	11	12	13	14	15	16	17
08			2721 x 300	90 x 90	Net barrier Arresting cable 800 M FM THR		
26				90 x 90	Net barrier		

EFHF AD 2.12 KIITOTIEN OMINAISTIEDOT
RUNWAY PHYSICAL CHARACTERISTICS

RWY	BRG GEO DEG	RWY DMN M	RWY PCN SFC	RWY PSN	COORD	ELEV FT	TDZ FT	GUND FT	RWY / SWY Slope
1	2	3	4	5		6	7	8	9
09	096.21	1024 x 30	18/F/C/X/T ASPH	THR	601506.71N 0250218.11E	47.6		58.3	See RWY profile below
				RWY END	601506.71N 0250218.11E	47.6			
27	276.23			DTHR	601503.26N 0250321.75E	57.2		58.2	
				RWY END	601503.13N 0250324.27E	57.9			
18	186.23	1280 x 30	18/F/C/X/T ASPH	DTHR	601531.50N 0250237.50E	49.0	48.8	58.3	REF AOC
				RWY END	601537.94N 0250238.91E	49.6			
36	006.23			DTHR	601500.68N 0250230.73E	48.1	48.5	58.3	
				RWY END	*601456.82N 0250229.88E	49.0			

RWY	SWY DMN M SFC	CWY DMN M	STRIP DMN M	RESA DMN M	ARST	OFZ	RMK
10	11	12	13	14	15	16	17
09			1112 x 80				
27							
18			1400 x 150	90 x 60			
36				90 x 60			

RWY 09/27 profile


EFHF AD 2.13 LASKENNALLISET PITUUDET
DECLARED DISTANCES

RWY	TORA M	TODA M	ASDA M	LDA M	RMK
1	2	3	4	5	6
18	1280	1280	1280	1080	Ks. huomautus alla See note below
36	1280	1280	1280	1160	
09	1024	1024	1024	1024	
27	1024	1024	1024	985	

Huom. 1: RWY 36 siirretystä kynnyksestä 120 - 235 M ulospäin sijaitseva päällystetty alue on käytettävissä lentoonlähtöihin kiitotieltä 36, jolloin kyseinen matka (115 M) voidaan lisätä kiitotien 36 laskennallisiin pituuksiin (TORA, TODA, ASDA).

Huom. 2: RWY 09 kynnyksestä 0 - 58 M ulospäin sijaitseva päällystetty alue on käytettävissä lentoonlähtöihin kiitotieltä 09, jolloin kyseinen matka (58 M) voidaan lisätä kiitotien 09 laskennallisiin pituuksiin (TORA, TODA, ASDA).

Note 1: The paved area located 120 - 235 M outwards from the displaced THR 36 is available for TKOF from RWY 36 and the length 115 M can be added - when used - to TORA, TODA and ASDA.

Note 2: The paved area located 0 - 58 M outwards from THR 09 is available for TKOF from RWY 09 and the length 58 M can be added - when used - to RWY 09 TORA, TODA and ASDA.

EFHF AD 2.14 LÄHESTYMIS- JA KIITOTIEVALOT
APPROACH AND RUNWAY LIGHTING

RWY	APCH LGT	THR LGT	PAPI (MEHT FT)	TDZ LGT	RCL LGT	REDL	RENL	SWY LGT	RMK
1	2	3	4	5	6	7	8	9	10
18	W LIH R LIL	G LIH WBAR	4.0° (22)			W LIH YCZ 370	R LIH		ALS LEN 680 M
36		G LIH WBAR	4.0° (21)			W LIH YCZ 420	R LIH		
09		G LIH WBAR	4.0° (36)			W LIH YCZ 340	R LIH		
27	R LIL	G LIH WBAR	4.0° (37)			W LIH YCZ 330	R LIH		ALS LEN 710 M
PAPI ja LIH voidaan himmentää / PAPI and LIH can be dimmed									

EFHF AD 2.15 MUU VALAISTUS, VARAVOIMA-ASEMA
OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN sijainti, ominaistiedot ja toiminta-ajat <i>ABN/IBN location, characteristics and hours of operation</i>	ABN:TWR BLDG, FLG W (20 kertaa / <i>times</i> / MIN), HN
2	LDI sijainti ja valaistus / <i>location and LGT</i> WDI	NIL LGTD
3	TWY reuna- ja keskiliinjalvalot <i>TWY edge and centre line lighting</i>	Reunavalot / <i>Edge LGT</i>
4	Varavoima-asema / <i>Secondary power supply</i> Vaihto aika / <i>Switch-over time</i>	Kyllä / <i>Yes</i> 12 SEC
5	RMK	NIL

EFHF AD 2.16 HELIKOPTERIEEN LASKUALUE
HELICOPTER LANDING AREA

COORD of TLOF or THR of FATO GUND	TLOF and / or FATO ELEV	DMN M SFC PCN Markings	True BRG of FATO	Declared DIST	LGT	RMK
1	2	3	4	5	6	7
NIL						

EFHF AD 2.17 ATS-ILMATILA
ATS AIRSPACE

Siirtokorkeus / *Transition altitude* 5000 FT

Airspace designation Lateral limits	Vertical limits	Airspace class	ATS call sign Languages	Hours of applicability	RMK
1	2	3	4	5	6
EFHF CTR 601656N 0250219E - 601629N 0251242E - 601537N 0251240E - 601041N 0250300E - 601108N 0250045E - 601302N 0245851E - 601433N 0245938E - 601552N 0250148E - 601656N 0250219E	700 FT MSL SFC	D	MALMIN TORNI MALMI TOWER FI, EN	HO	RMZ H24 TMZ H24

EFHK AD 2.12 KIITOTIEN OMINAISTIEDOT
RUNWAY PHYSICAL CHARACTERISTICS

RWY	BRG GEO DEG	RWY DMN M	RWY PCN SFC	RWY PSN	COORD	ELEV FT	TDZ FT	GUND FT	RWY / SWY Slope
1	2	3	4	5		6	7	8	9
04L	047.47	3060 x 60	100/F/A/W/T ASPH	THR	601846.61N 0245413.93E	133.6	140.3	59.2	REF AOC
				RWY END	601846.61N 0245413.93E	133.6			
22R	227.51			DTHR	601952.11N 0245638.01E	179.2	177.5	59.0	
				RWY END	601953.42N 0245640.90E	179.9			
04R	047.50	3500 x 60	102/F/B/W/T ASPH	DTHR	601840.65N 0245610.94E	151.6	161.5	59.0	
				RWY END	601834.10N 0245556.54E	153.2			
22L	227.54			THR	601950.49N 0245844.73E	148.6	165.3	58.8	
				RWY END	601950.49N 0245844.73E	148.6			
15	153.04	2901 x 60	108/F/B/W/T ASPH	THR	601948.99N 0245752.19E	162.9	163.4	58.9	
				RWY END	601948.99N 0245752.19E	162.9			
33	333.06			THR	601825.44N 0245917.83E	147.1	148.1	58.6	
				RWY END	601825.44N 0245917.83E	147.1			

RWY	SWY DMN M SFC	CWY DMN M	STRIP DMN M	RESA DMN M	ARST	OFZ	RMK
10	11	12	13	14	15	16	17
04L			3180 x 300	258 x 150		Yes	Approved CAT III APCH
22R				278 x 150		Yes	Approved CAT II APCH
04R		60 x 150	3620 x 300	140 x 150			
22L		90 x 150		240 x 150		Yes	Approved CAT II APCH
15			3021 x 300	110 x 120			
33				90 x 120			

**EFHK AD 2.13 LASKENNALLISET PITUUDET
DECLARED DISTANCES**

RWY	TORA M	TODA M	ASDA M	LDA M	RMK
1	2	3	4	5	6
04L	3060	3060	3060	3060	
22R	3060	3060	3060	3000	
04R	3500	3560	3500	3200	
22L	3500	3590	3500	3500	
15	2901	2901	2901	2901	
33	2901	2901	2901	2901	

**LYHENNETYT LASKENNALLISET PITUUDET
REDUCED DECLARED DISTANCES**

RWY	INT	TORA M	TODA M	ASDA M	RMK
1	2	3	4	5	6
04L	WP	1734	1734	1734	
	WS	1942	1942	1942	
	WY	2951	2951	2951	
22R	WH	2945	2945	2945	
	WK	1856	1856	1856	
	WL	1856	1856	1856	
	WM	1589	1589	1589	
04R	ZG	1638	1698	1638	
	ZH	1708	1768	1708	
	ZJ	2009	2069	2009	
	ZL	2570	2630	2570	
	ZR	3200	3260	3200	
	ZS	3283	3343	3283	
22L	Y	2558	2648	2558	
	ZB	3411	3501	3411	
	ZD	2440	2530	2440	
	ZG	1886	1976	1886	
15	DEP POINT V	1950	1950	1950	
	Z	2156	2156	2156	
33	CL	2524	2524	2524	
	YF	1652	1652	1652	
	YH	1981	1981	1981	
	YL	2524	2524	2524	

Huom. 1: Lyhennettyjen laskennallisten pituuksien määrittelyperusteina käytetyt lähtöpaikat kiitoteillä on esitetty AOC-kartalla lihavoidulla pistesymbolilla (REDUCED DECLARED DISTANCES CALCULATION POINT).

Huom. 2: Lähtöpaikkoja ei ole merkitty maalausmerkinnöillä tai kylteillä. DEP POINT V on merkitty kyltillä.

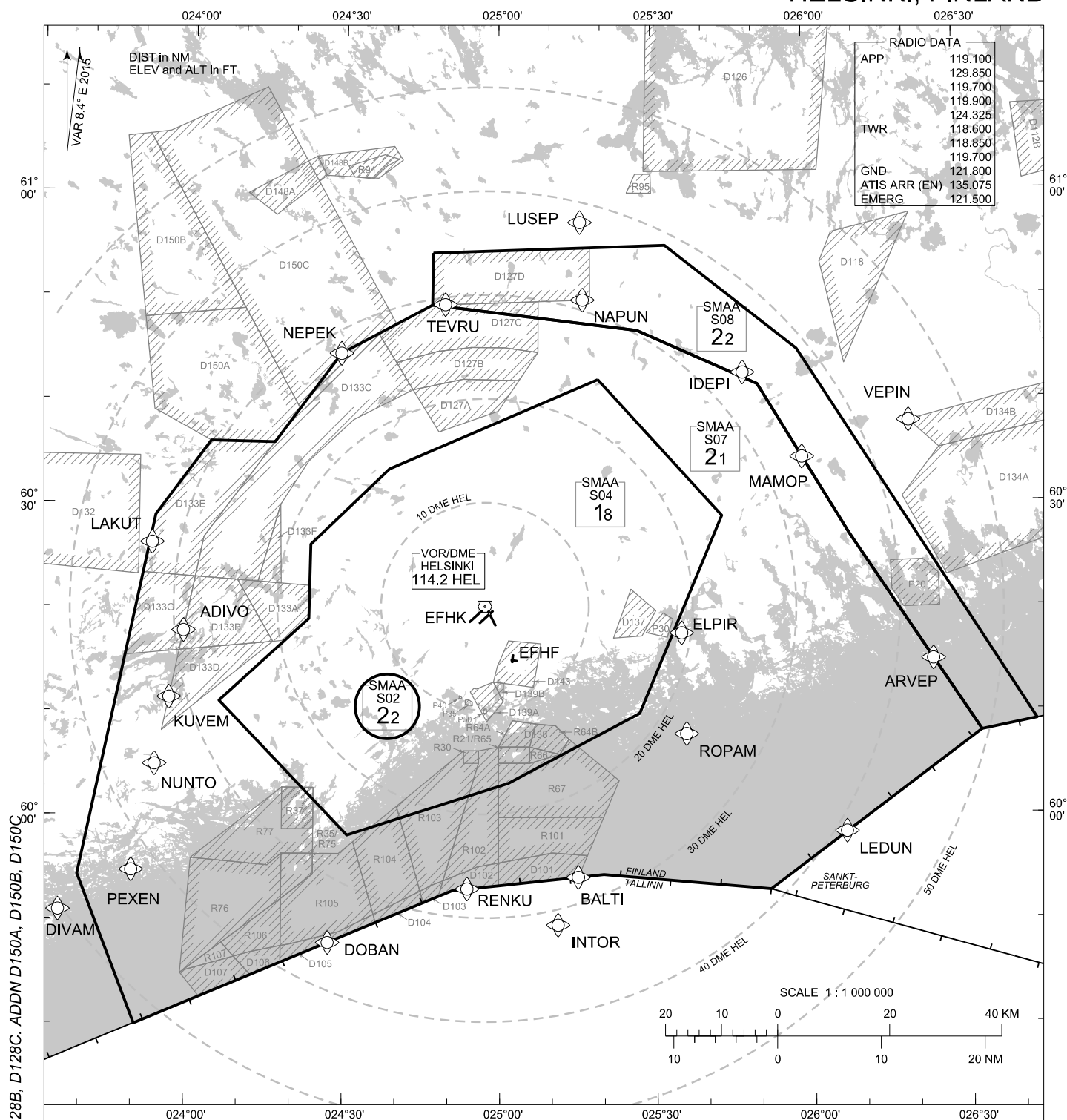
Note 1: The take-off positions, on which the reduced declared distances are based, are shown on the AOC chart concerned indicated with "REDUCED DECLARED DISTANCES CALCULATION POINT" symbols.

Note 2: The take-off positions on the runway are not marked by painted markings or sign boards with the exception of DEP POINT V which is provided with a sign board.

EFHK AD 2.24 LENTOASEMAA KOSKEVAT KARTAT
CHARTS RELATED TO THE AERODROME

Kartta / Chart	Sivu / Page	Päiväys / Date
Aerodrome Charts		
ADC	EFHK AD 2.4 - 1	15 SEP 2016
ADC RUNWAY AND TAXIWAY MARKINGS	EFHK AD 2.4 - 3	15 SEP 2016
APDC	EFHK AD 2.5 - 1	15 SEP 2016
AGMC A388	EFHK AD 2.6 - 1	10 DEC 2015
Aerodrome Obstacle Charts		
AOC RWY 04R/22L	EFHK AD 2.7 - 1	15 SEP 2016
AOC RWY 04L/22R	EFHK AD 2.7 - 3	13 NOV 2014
AOC RWY 15/33	EFHK AD 2.7 - 5	13 NOV 2014
PATC RWY 04L	EFHK AD 2.8 - 1	13 NOV 2014
PATC RWY 22L	EFHK AD 2.8 - 3	13 NOV 2014
PATC RWY 22R	EFHK AD 2.8 - 5	13 NOV 2014
ATC Surveillance Minimum Altitude Chart		
ATC SMAC	EFHK AD 2.9 - 1 / 2	10 NOV 2016
Departure Procedures		
RNAV SID RWY 04L	EFHK AD 2.10 - 1 / 2	12 NOV 2015
RNAV SID RWY 04R	EFHK AD 2.10 - 3 / 4	12 NOV 2015
RNAV SID PROP RWY 04R	EFHK AD 2.10 - 5 / 6	12 NOV 2015
RNAV SID RWY 15	EFHK AD 2.10 - 7 / 8	12 NOV 2015
RNAV SID PROP RWY 15	EFHK AD 2.10 - 9 / 10	12 NOV 2015
RNAV SID RWY 22L	EFHK AD 2.10 - 11 / 12	23 JUN 2016
RNAV SID RWY 22R	EFHK AD 2.10 - 13 / 14	12 NOV 2015
RNAV SID RWY 33	EFHK AD 2.10 - 15 / 16	12 NOV 2015
OMNIDIRECTIONAL DEPARTURES	EFHK AD 2.10 - 17 / 18	13 NOV 2014
Area Chart		
ARC - EFHK TMA	EFHK AD 2.11 - 1	10 NOV 2016
Standard Arrival Charts		
RNAV STAR RWY 04L 1/2	EFHK AD 2.12 - 1 / 2	10 NOV 2016
RNAV STAR RWY 04L 2/2	EFHK AD 2.12 - 3 / 4	10 NOV 2016
RNAV STAR RWY 04R	EFHK AD 2.12 - 5 / 6	10 NOV 2016
RNAV STAR RWY 15	EFHK AD 2.12 - 7 / 8	10 NOV 2016
RNAV STAR RWY 22L	EFHK AD 2.12 - 9 / 10	10 NOV 2016
RNAV STAR RWY 22R	EFHK AD 2.12 - 11 / 12	10 NOV 2016
RNAV STAR RWY 33	EFHK AD 2.12 - 13 / 14	10 NOV 2016
Instrument Approach Charts		
ILS or LOC RWY 04L	EFHK AD 2.13 - 1	12 NOV 2015
ILS RWY 04L CAT II & III	EFHK AD 2.13 - 3	12 NOV 2015
RNAV (GNSS) RWY 04L	EFHK AD 2.13 - 5 / 6	12 NOV 2015
ILS or LOC RWY 04R	EFHK AD 2.13 - 7	15 SEP 2016
RNAV (GNSS) RWY 04R	EFHK AD 2.13 - 9 / 10	12 NOV 2015
ILS or LOC RWY 15	EFHK AD 2.13 - 11	12 NOV 2015
RNAV (GNSS) RWY 15	EFHK AD 2.13 - 13 / 14	12 NOV 2015
ILS or LOC RWY 22L	EFHK AD 2.13 - 15	12 NOV 2015
ILS RWY 22L CAT II	EFHK AD 2.13 - 17	12 NOV 2015
RNAV (GNSS) RWY 22L	EFHK AD 2.13 - 19 / 20	12 NOV 2015

Kartta / Chart	Sivu / Page	Päiväys / Date
Instrument Approach Charts		
ILS or LOC RWY 22R	EFHK AD 2.13 - 21	12 NOV 2015
ILS RWY 22R CAT II & III	EFHK AD 2.13 - 23	12 NOV 2015
RNAV (GNSS) RWY 22R	EFHK AD 2.13 - 25 / 26	12 NOV 2015
RNAV (GNSS) RWY 33	EFHK AD 2.13 - 27 / 28	12 NOV 2015
VOR RWY 33	EFHK AD 2.13 - 29	12 NOV 2015
Visual Approach and Landing Charts		
VAC	EFHK AD 2.14 - 1	10 DEC 2015
LDG	EFHK AD 2.14 - 3	15 SEP 2016
Aeronautical Data		
WAYPOINTS AND FIXES	EFHK AD 2.15 - 1 / 2 / 3	23 JUN 2016
PRD INDEX	EFHK AD 2.15 - 5	10 NOV 2016



ATC SURVEILLANCE MINIMUM ALTITUDE CHART

GENERAL INFORMATION:

A Surveillance Minimum Altitude Area (SMAA) is a defined area in which the minimum safe levels allocated by a controller giving an ATC Surveillance service for IFR flights have been predetermined.

SMAA's do not constitute controlled airspace nor do they attract any special airspace regulation in their own right.

SMAA minimum safe level ensures obstacle clearance within the area concerned plus a 3.0 NM buffer area. Minimum safe level is determined by the highest obstacle elevation or the highest terrain elevation + 60 M, whichever is higher, plus safety margin of 300 M (984 FT) rounded up to the next higher hundred feet. Number 20 shown in the SMAA symbol equals 2000 FT MSL.

This chart may only be used for cross-checking of altitudes assigned while the aircraft is identified.

COMMUNICATION FAILURE: IN ACCORDANCE WITH THE RULES OF THE AIR

Coordinates for SMAA's are listed overleaf.

EFHK ATC SURVEILLANCE MINIMUM ALTITUDE AREAS		
NAME	MIN ALT	AREA DEFINITION
EFHK SMAA S02	2200 FT	Circle, radius 3.10 NM, centre 601040N 0243824E

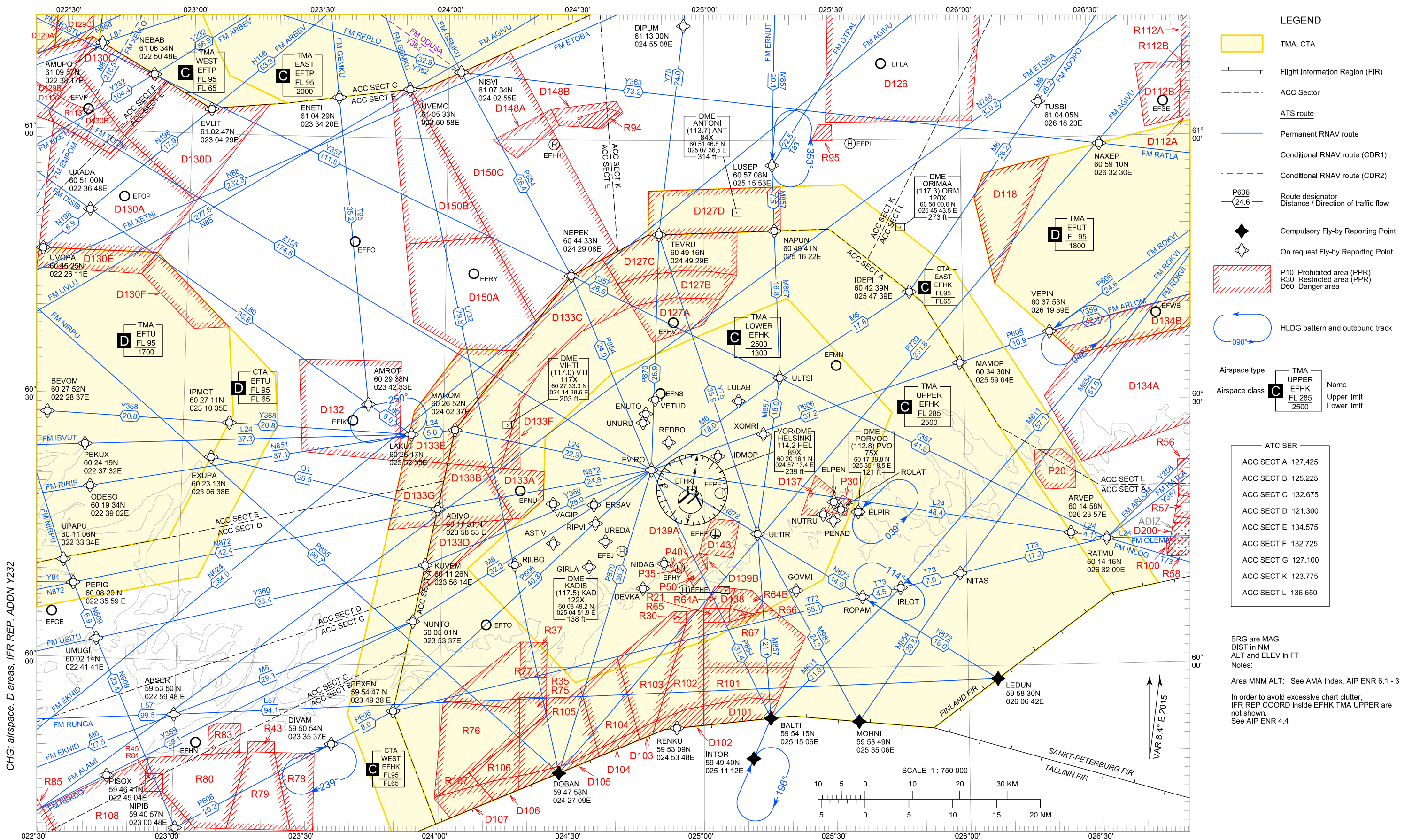
NAME	MIN ALT	AREA DEFINITION
EFHK SMAA S04	1800 FT	604202N 0251920E - 602855N 0254319E - 600958N 0252704E - 600318N 0250146E - 595818N 0243043E - 601107N 0240555E - 601904N 0242307E - 602612N 0242323E - 603328N 0243836E - 604202N 0251920E - Excluding EFHK SMAA S02

NAME	MIN ALT	AREA DEFINITION
EFHK SMAA S07	2100 FT	604913N 0244656E - 604644N 0252701E - 604132N 0255030E - 602708N 0260759E - 600800N 0263300E - 595300N 0255200E - 595430N 0252000E - 595327N 0245949E - 595300N 0245100E - 594200N 0235931E - 594001N 0235027E - 595419N 0233909E - 602856N 0235310E - 603606N 0240348E - 603600N 0241614E - 604433N 0242908E - 604913N 0244656E - Excluding EFHK SMAA S02 and EFHK SMAA S04

NAME	MIN ALT	AREA DEFINITION
EFHK SMAA S08	2200 FT	605413N 0244704E - 605453N 0253236E - 604452N 0255818E - 600859N 0264338E - 600800N 0263300E - 602708N 0260759E - 604132N 0255030E - 604644N 0252701E - 604913N 0244656E - 605413N 0244704E

AREA CHART - ICAO

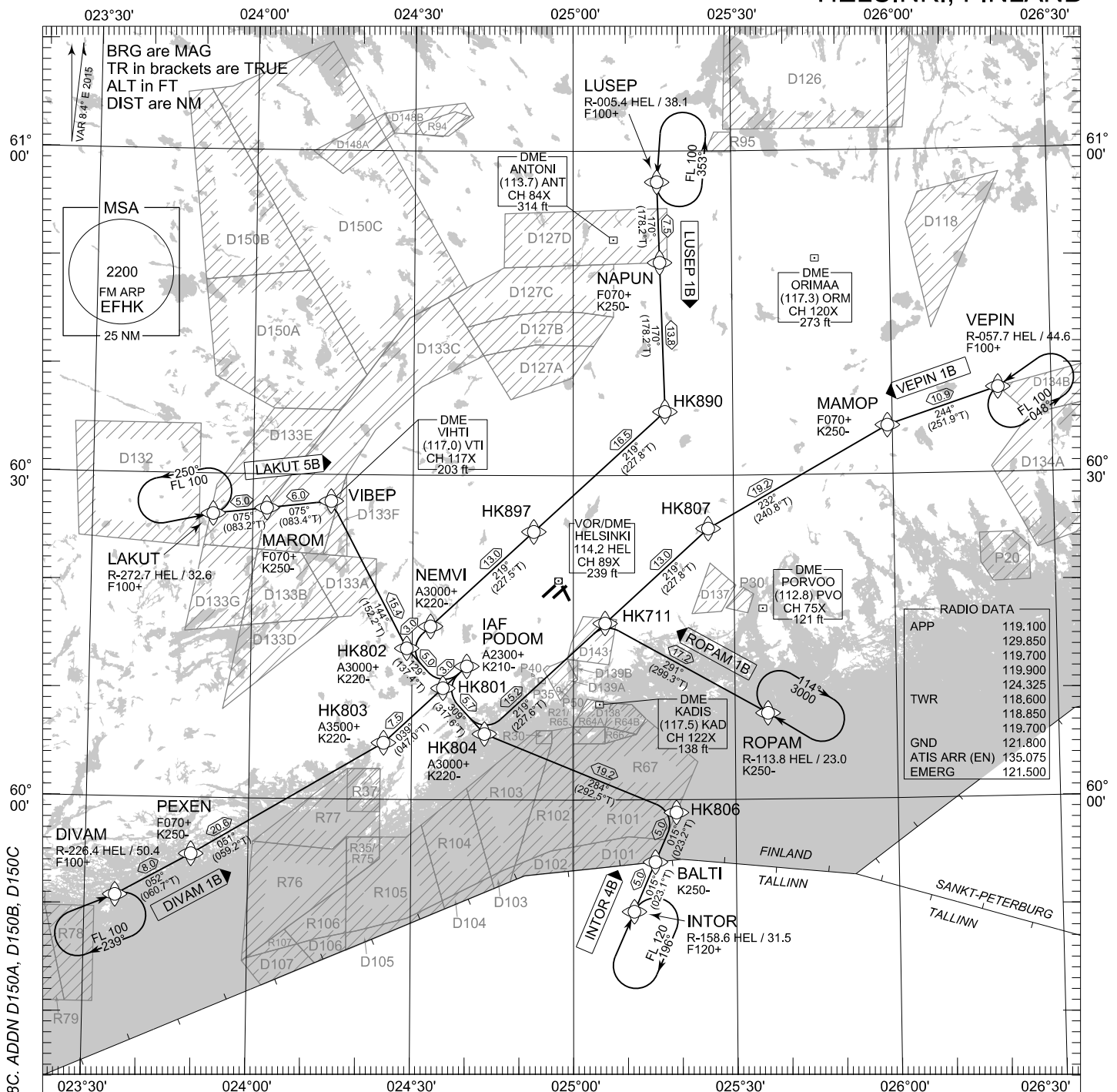
EFHK TMA



STANDARD ARRIVAL CHART INSTRUMENT (STAR) - ICAO

TRANSITION ALT
5000

RNAV (DME/DME or GNSS) STAR RWY 04L 1/2
HELSINKI-VANTAA AERODROME
HELSINKI, FINLAND



RNAV STAR RWY 04L 1/2

DIVAM 1B INTOR 4B LAKUT 5B LUSEP 1B ROPAM 1B VEPIB 1B

NAV SPECIFICATION: RNAV 1 OR P-RNAV APPROVAL REQUIRED. OTHERWISE ADVISE ATC.

RCF: SELECT TRANSPONDER CODE 7600.

DME/DME OPS: MORE THAN 2 DME INPUTS CANNOT BE GUARANTEED AT ALL TIMES.

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

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

ROUTES: RNAV PROC CODING ON THE VERSO OF THE CHART.

STAR MUST BE FLOWN ACCORDING TO THE DEFINED WAYPOINT SEQUENCE UNTIL THE LAST WAYPOINT. SEPARATE CLEARANCE TO INBOUND IS NOT REQUIRED.

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.

ATC WILL GIVE DESCENT CLEARANCES.

AIRCRAFT HAVING TELEPHONE, CALL +358 9 8277 3324.

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

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

CHG: DEL D128A, D128B, D128C, ADDN D150A, D150B, D150C

EFHK RNAV STAR RWY 04L 1/2										
RTE NAV SPEC	SEQ NR	P/T	WPT		MAG	GEO TR	DIST NM	Turn Direction	Constraints	
			ID	Flyover					LVL	Speed
DIVAM 1B RNAV 1 or P-RNAV	010	IF	DIVAM	-	-	-	-		F100+	
	020	TF	PEXEN	-	052°	060.7°T	8.0		F070+	K250-
	030	TF	HK803	-	051°	059.2°T	20.6		A3500+	K220-
	040	TF	HK801	-	039°	047.0°T	7.5			
	050	TF	PODOM	-	039°	047.2°T	3.0		A2300+	K210-

INTOR 4B RNAV 1 or P-RNAV	010	IF	INTOR	-	-	-	-		F120+	
	020	TF	BALTI	-	015°	023.1°T	5.0			K250-
	030	TF	HK806	-	015°	023.2°T	5.0	L		
	040	TF	HK804	-	284°	292.5°T	19.2		A3000+	K220-
	050	TF	HK801	-	309°	317.6°T	5.7	R		
	060	TF	PODOM	-	039°	047.2°T	3.0		A2300+	K210-

LAKUT 5B RNAV 1 or P-RNAV	010	IF	LAKUT	-	-	-	-		F100+	
	020	TF	MAROM	-	075°	083.2°T	5.0		F070+	K250-
	030	TF	VIBEP	-	075°	083.4°T	6.0	R		
	040	TF	HK802	-	144°	152.2°T	15.4		A3000+	K220-
	050	TF	HK801	-	129°	137.4°T	5.0	L		
	060	TF	PODOM	-	039°	047.2°T	3.0		A2300+	K210-

LUSEP 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	HK897	-	219°	227.8°T	16.5			
	050	TF	NEMVI	-	219°	227.5°T	13.0		A3000+	K220-
	060	TF	HK802	-	219°	227.2°T	3.0	L	A3000+	K220-
	070	TF	HK801	-	129°	137.4°T	5.0	L		
	080	TF	PODOM	-	039°	047.2°T	3.0		A2300+	K210-

ROPAM 1B RNAV 1 or P-RNAV	010	IF	ROPAM	-	-	-	-			K250-
	020	TF	HK711	-	291°	299.3°T	17.2	L		
	030	TF	HK804	-	219°	227.6°T	15.2	R	A3000+	K220-
	040	TF	HK801	-	309°	317.6°T	5.7	R		
	050	TF	PODOM	-	039°	047.2°T	3.0		A2300+	K210-

VEPIN 1B RNAV 1 or P-RNAV	010	IF	VEPIN	-	-	-	-		F100+	
	020	TF	MAMOP	-	244°	251.9°T	10.9		F070+	K250-
	030	TF	HK807	-	232°	240.8°T	19.2			
	040	TF	HK711	-	219°	227.8°T	13.0			
	050	TF	HK804	-	219°	227.6°T	15.2	R	A3000+	K220-
	060	TF	HK801	-	309°	317.6°T	5.7	R		
	070	TF	PODOM	-	039°	047.2°T	3.0		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	-
INTOR	023.5°T	016°	Right	230 KT	F120	1 MIN	-
LAKUT	077.9°T	070°	Left	230 KT	F100	1 MIN	-
LUSEP	181.3°T	173°	Left	230 KT	F100	1 MIN	-
ROPAM	302.0°T	294°	Right	230 KT	A3000	1 MIN	-
VEPIN	236.1°T	228°	Left	230 KT	F100	1 MIN	-

WPT COORD
SEE PAGE EFHK AD 2.15 - 1