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ESTONIAN CIVIL AVIATION ADMINISTRATION

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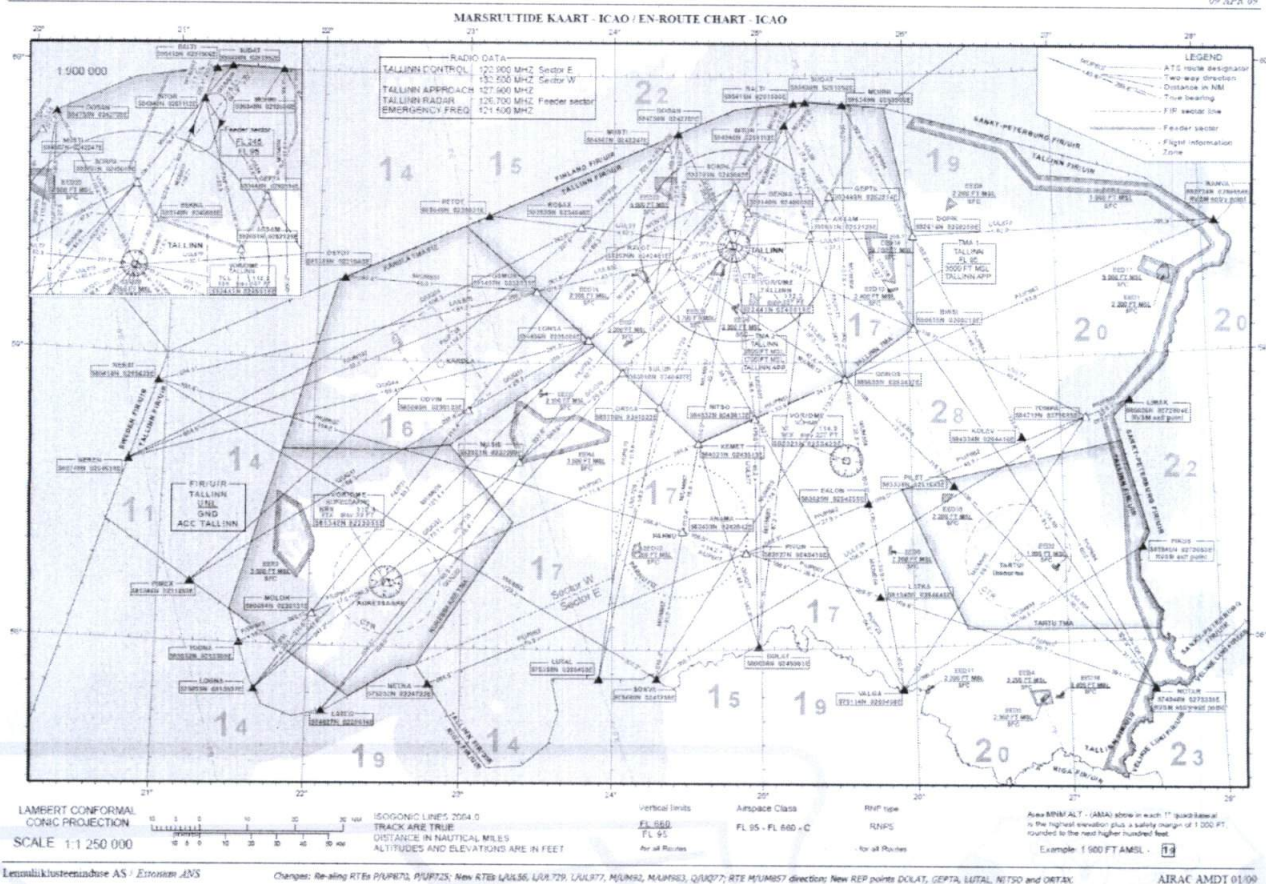
Annual Safety Oversight Report 2009 - 2010, Air Navigation Services and Air Traffic Management (Commission regulation (EC) No 1315/2007, article 14)

Airspace and services under responsibility of Estonian Civil Aviation Administration

The area of responsibility is Estonian FIR/UIR.

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Estonian Civil Aviation Administration has certified 3 Air Navigation Service Providers:

Estonian Air Navigation Services (ATC, AIS and CNS)

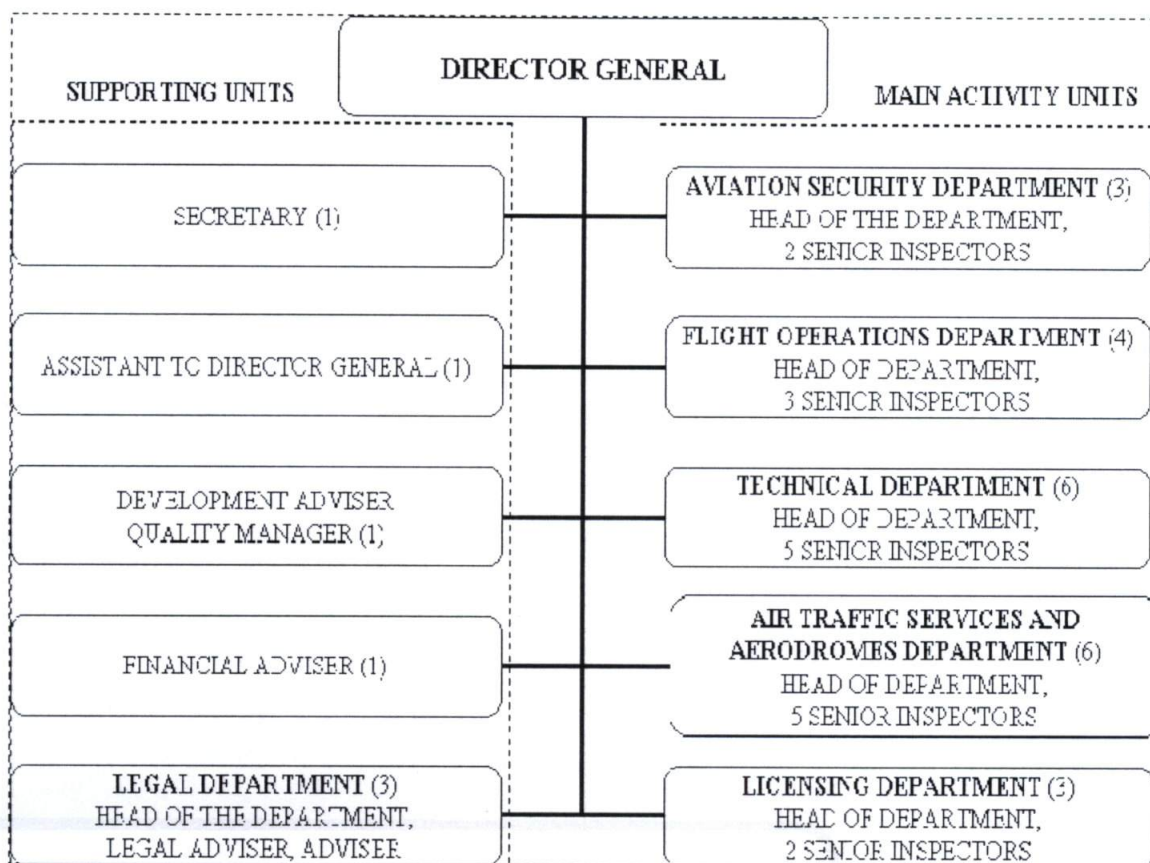
Tallinn Airport (ATC, AFIS, CNS and MET)

Estonian Meteorological and Hydrological Institute (MET)

and 1 training organisations: Estonian Aviation Academy

Organisation of the Estonian Civil Aviation Administration

Estonian Civil Aviation Administration (ECAA) is nominated as National Supervisory Authority (Regulation 549/2004 of the European Parliament and of the Council of 10 March 2004, Article 4), and it is institutionally separated from the Air Navigation Service Providers. Estonian Civil Aviation Administration has responsibility for the safety oversight of the Air Navigation Service Providers in Estonia. In the area of Air Navigation Services continuous oversight is performed by the Air Traffic Services and Aerodromes Department of ECAA.



Procedures of Estonian Civil Aviation Administration

The main processes of safety regulatory oversight are auditing and collecting information via mandatory reporting system. The focus of the safety regulatory audits is on General Requirements for the Provision of Air Navigation Services, specific requirements for Air Traffic Services, Meteorological services, Aeronautical information service and Communication and Navigation or Surveillance services (EC 2096/2005). The oversight of technical and operational competence and capability, organizational structure and management, economic and financial capacity and quality of services is done by annual desk top audit, during which business plans, annual reports,

insurance coverage, balance sheets, accounts etc. are reviewed. Requirements regarding air traffic flow management and airspace management (EC regulations 255/2010 and 2150/2005) were also audited in 2010.

On-site audits are performed according to annual audit program, which is prepared by the Air Traffic Services and Aerodromes Department. The program is prepared so that each operational unit is audited at least once a year. Some units which caused greater concern were audited 2 times a year.

The information collected via reporting system is evaluated and stored in ECCAIRS database. This information is made available in accordance with (EC) No 1321/2007. Flight OPS Department analyses information collected via reporting system in order to identify safety-related trends and areas of risk.

Safety oversight of changes to functional systems

Review of the changes to functional systems is done according to EC regulation 1315/2007, which requires technical file and safety analysis of the proposed change including applicable EC declarations of verification of systems and EC declarations of conformity or suitability for use of constituents of systems.

Qualified entities

Estonian Civil Aviation Administration has performed all safety regulatory audits by itself, thus no qualified entities have been used during 2009 and 2010.

Safety oversight capabilities

Air Traffic Services and Aerodromes Department employs 4 ANS inspectors, all of whom are qualified safety auditors.

Safety issues identified through the safety oversight processes in 2009

2009 Estonian Civil Aviation Administration performed 11 on-site audits: 1 in Estonian Air Navigation Services, 7 in Tallinn Airport, 2 in Estonian Meteorological and Hydrological Institute and 1 in Estonian Aviation Academy. During those audits 37 of the total of 58 findings were classified as non-conformities. Most of the findings were in the following areas:

EC regulation 2096/2005 Annex 1 point 3.2 Quality management system 11 findings

EC regulation 2096/2005 Annex 2 point 3.1.3 Safety surveys 3 findings

EC regulation 2096/2005 Annex 1 point 8 Quality of Service 3 findings

EC regulation 2096/2005 Annex 1 point 3.3 Operations manuals 2 findings

Service providers were requested to provide corrective action plans and implementation plans which were evaluated by the Estonian Civil Aviation Administration. If the plans were acceptable, they were approved, if not, they were sent back to service providers to re-do the plans. All the corrective actions and implementation plans were verified during the following audits.

On the basis of information received via the mandatory occurrence reporting system during the year 2009, several safety issues were identified by the ANSP through their Safety Management

System. After investigation appropriate corrective actions were determined in order to reduce the identified risks. The effectiveness of corrective actions is evaluated via the occurrence reporting system and other safety oversight actions.

Safety issues identified through the safety oversight processes in 2010

2010 Estonian Civil Aviation Administration performed 12 on-site audits: 2 in Estonian Air Navigation Services, 7 in Tallinn Airport, 2 in Estonian Meteorological and Hydrological Institute and 1 in Estonian Aviation Academy. During those audits 44 of the total of 54 findings were classified as non-conformities. Most of the findings were in the following areas:

EC regulation 2096/2005 Annex 2 point 3.1. Safety management system 21 findings

EC regulation 2096/2005 Annex 1 point 5 Human resources 4 findings

EC regulation 2096/2005 Annex 1 point 8 Quality of Service 3 findings

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Safety Directives

No safety directives were issued by Estonian Civil Aviation Administration in 2009 - 2010.



Kristjan Telve
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