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THE ANNUAL SAFETY OVERSIGHT REPORT 2019



Air Navigation Services Department

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Foreword: Competent authorities shall report annually on safety oversight actions pursuant to the **Article 15** of the COMMISSION IMPLEMENTING REGULATION (EU) No 1034/2011 of 17 October 2011 on safety oversight in air traffic management and air navigation services and amending Regulation (EU) No 691/2010

CIVIL REGULATOR(S)-GENERAL INFORMATION

- *Civil Aviation in the Slovak Republic is the responsibility of the MINISTRY OF TRANSPORT AND CONSTRUCTION OF THE SLOVAK REPUBLIC (MoT SK).*
- The regulatory entity under the structure of MoT SK in Civil Aviation is the Civil Aviation Section. It is (among other functions in Civil Aviation) responsible for:
 - state transport policy in Civil Aviation;
 - representing state in international Civil Aviation organizations;
 - monitoring of state supervision in Civil Aviation,;
 - legislation and regulatory process;
 - designation of Air Navigation Services Providers.
- The Transport Authority (TA) is an independent institution which represents the Slovak Republic at EASA, performs some tasks on behalf of European Aviation Safety Agency and fulfils the role of National Supervisory Authority for SES purposes (NSA). The TA is responsible for but not limited to:
 - certification of Air Navigation Services Providers,
 - certification of ATCO Training Organisation,
 - certification of systems used or intended to use by Air Traffic Services Providers, Communication, Navigation and Surveillance Services Providers, Aeronautical Information Services Providers and Meteorological Services Providers,
 - licensing of Air Traffic Services Personnel,
 - performance monitoring of Air Navigation Services,
 - supervision of Air Navigation Services
 - supervision of ATCO Training Organisation.
- MoT SK acts as an economic and market regulator in the Civil Aviation.
- In general, the MoT SK is responsible for preparation, transposition and implementation of legal rules. The TA acts as advisory body in this process, as well as, according to the Civil Aviation Act, it has a legislative initiative.
- The different national entities having regulatory responsibilities in ATM are summarised in the table Nr.1 below.

Table Nr. 1

ACTIVITY IN ATM:	ORGANISATION RESPONSIBLE	LEGAL BASIS
Rule-making	MoT SK	EU legislation and Civil Aviation Act (143/1998 as amended)
Safety Oversight	TA (NSA)	EU legislation and Civil Aviation Act

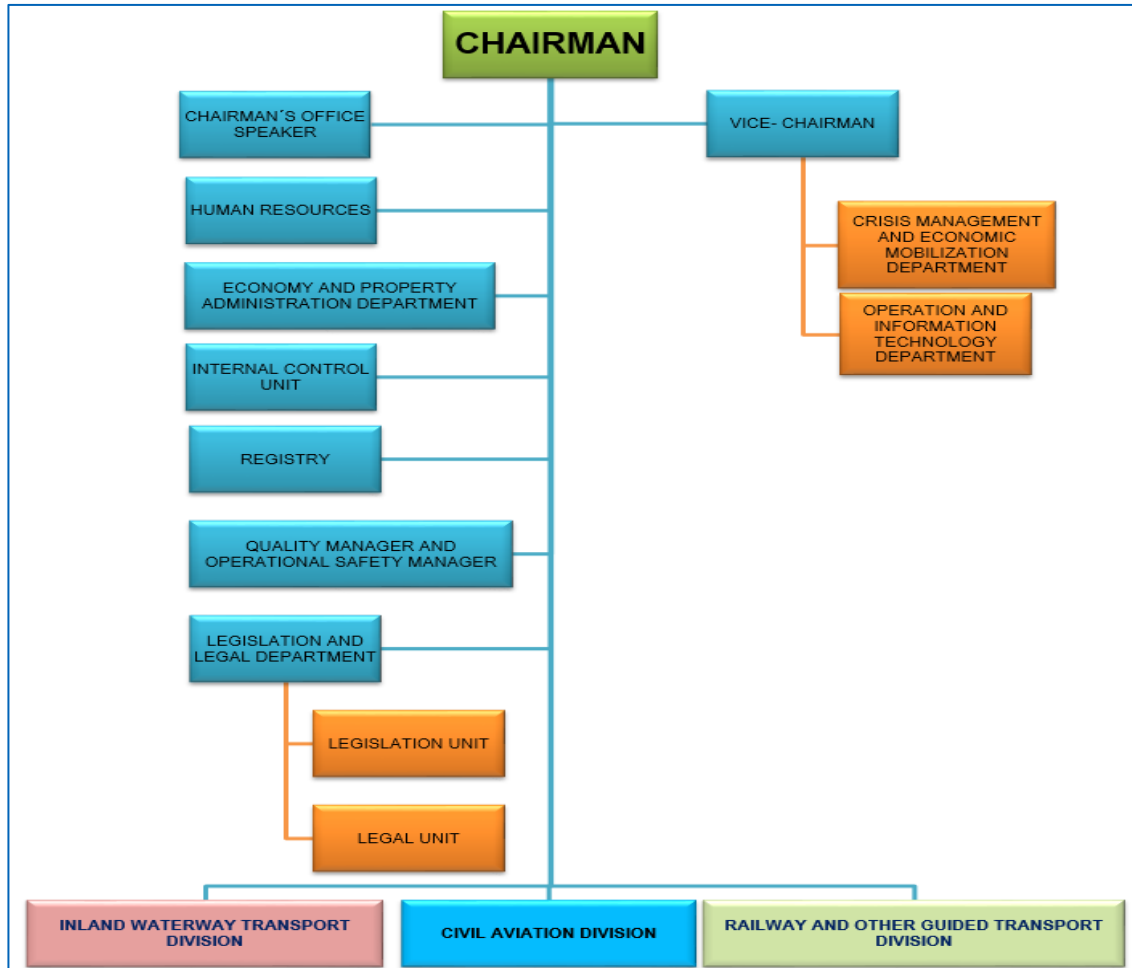
Enforcement actions in case of non-compliance with safety regulatory requirements	MoT SK, TA	EU legislation and Civil Aviation Act
Airspace	MoT SK and MoD SK	EU legislation and Civil Aviation Act
Economic	MoT SK	EU legislation and Civil Aviation Act
Environment	MoT SK	EU legislation and Civil Aviation Act
Security	MoT SK, TA	EU legislation and Civil Aviation Act
Accident investigation	AMIA	EU legislation and Civil Aviation Act

- Enforcement actions in case of non-compliance with safety regulatory requirements: TA is acting as certifying authority and MoT SK as designating authority. Enforcement actions are linked accordingly to scope of responsibility.
- Sanctions: MoT SK may impose a penalty to the legal or natural person authorised to do business up to 166 000 EUR, if such a person provides air navigation services without a permission or contradictory to the terms and conditions stipulated in the permission. TA may impose a penalty to the legal or natural person authorised to do business up to 33 190 EUR, if such person violates the provision of international standards or recommendations of international civil aviation organizations that the Slovak Republic has adopted or specific regulations in the field of civil aviation.
- Airspace: Major changes of Airspace are associated with mutual coordination/approval of MoT SK and MoD SK
- Security: MoT SK is responsible for international security activity. TA is responsible for assessment of security programmes, supervision of organizations which are obligated to have security processes in place, assessment of background check of individuals. Detailed description of tasks and responsibilities are published in National Aviation Security Programme which is published as special Attachment to national version ICAO Annex 17.



ADMINISTRATION IN THE CIVIL AVIATION OF THE SLOVAK REPUBLIC

- ➔ MoT SK and TA are institutionally separated from ANSPs.
- ➔ In general the MoT SK is responsible for preparation, transposition and implementation of legal rules. The TA acts as advisory body in this process, as well as, according to the Civil Aviation Act, it has a legislative initiative and it adopts manuals and procedures for executive activities. TA's main responsibility is safety and security oversight of ANSPs.
- ➔ For ATM safety regulation, the responsible body is MoT SK (Section of Civil Aviation) and for executive manuals and procedures, the responsible body is TA along with deep responsibility of safety oversight and licensing procedures.

Organizational Structure of the Transport Authority



Notification of NSA 2019

<p>Deputy Permanent Representative of the Slovak Republic to the EU Petra Vargová Ambassador</p>	<p>European Commission Ms. Christine Berg Head of Unit Unit E3 – Single European Sky Directorate E DG Mobility and Transport BE-1049 Brussels</p>
<p>Your reference: 001620/2019-CRP1- 153764</p>	<p>Responsible person /  Bratislava: Eva Začková 021 74 38 784 17.10.2019</p>
<p>Subject: Changes to the list of National Supervisory Authorities for the Slovak Republic</p>	
<p>Dear Ms. Berg,</p> <p>In accordance with provisions of Article 4, paragraph 3 of the Regulation (EC) No 549/2004 of the European Parliament and of the Council of 10 March 2004 laying down the framework for the creation of the Single European Sky (the framework Regulation), "the Member States shall notify the Commission of the names and addresses of the National Supervisory Authorities, as well as changes thereto, and of the measures taken to ensure compliance with paragraph 2."</p> <p>Based on the recent changes to the Aviation Act 143/1998 Coll., the Ministry of Transport and Construction of the Slovak Republic is no longer considered a National Supervisory Authority (NSA), leaving the Transport Authority the sole NSA for the Slovak Republic. The Slovak Republic would therefore like to notify the following information to the European Commission, including updated information for the Transport Authority:</p>	
<p>Sincerely,</p> 	
<p>Name of the NSA: English translation: Postal address:</p>	<p>Dopravný úrad, divízia civilného letectva Transport Authority, Civil Aviation Division M. R. Štefánik Airport 823 05 Bratislava Slovak Republic +421 2 4877 7502 +421 2 4342 0331 director@nsa.sk www.nsa.sk</p>
<p>Tel.: Fax: E-mail: Website :</p>	<p>Legal basis of the NSA: Act No. 143/1998 Coll. On Civil Aviation (Aviation Act) and on amendment of some Acts, as amended by Act No. 213/2019 Coll. Mr. Ján Brejha, Chairman Mr. Ivan Hasiček, Director + 421 2 4877 7513 ivan.hasicek@nsa.sk</p>
<p>Chairperson: Focal point: Tel.: E-mail:</p>	



AIRSPACE

FALLING UNDER THE RESPONSIBILITY OF THE COMPETENT AUTHORITY, AND ORGANISATIONS FALLING UNDER THE SUPERVISION OF THAT COMPETENT AUTHORITY

BRATISLAVA FIR

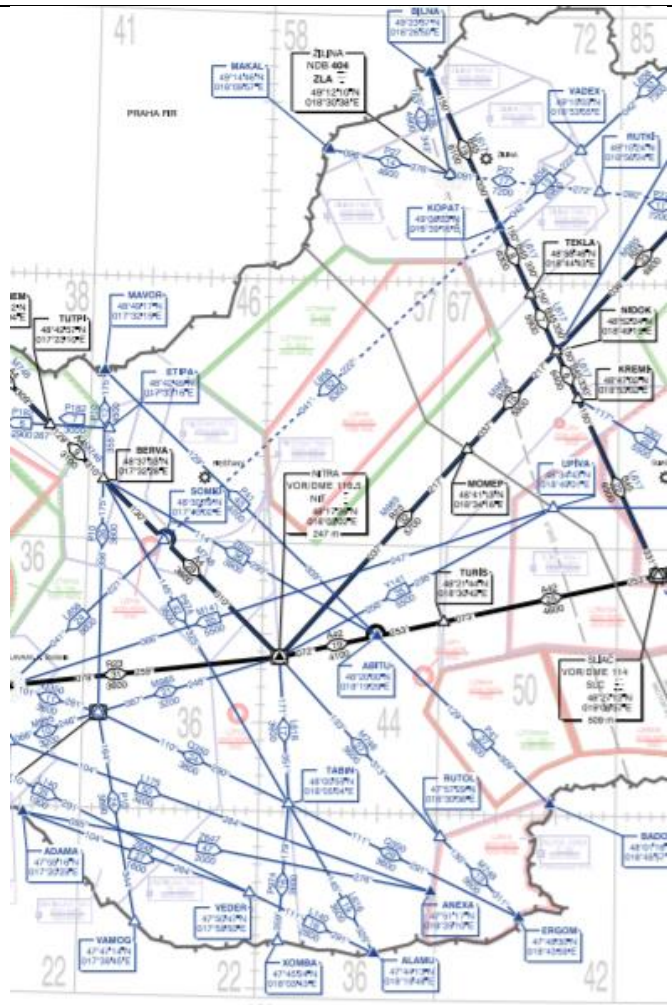
- Bratislava FIR is surrounded by FIRs of 5 States, namely Austria, the Czech Republic, Poland, Ukraine and Hungary.
- The Division Flight Level (DFL) separating upper from lower ATS airspace is FL 245.

CONTROLLED AIRSPACE:

- Controlled airspace in the Slovak Republic comprises:
 - ✓ airspace from 8000ft/2450m AMSL or 1000ft/300m AGL, depending which one is higher, to FL 660;
 - ✓ airspace within CTRs and TMAs
- No UIR is established.
- SEENFRA SouthEast European Night Free Route Airspace within Bratislava FIR above FL 245

UNCONTROLLED AIRSPACE:

- Airspace "G" is from GND to 8000ft /2450m AMSL or 1000ft/300m AGL, depending which one is higher, with the exception of CTRs and TMAs.



RUTOL AREA

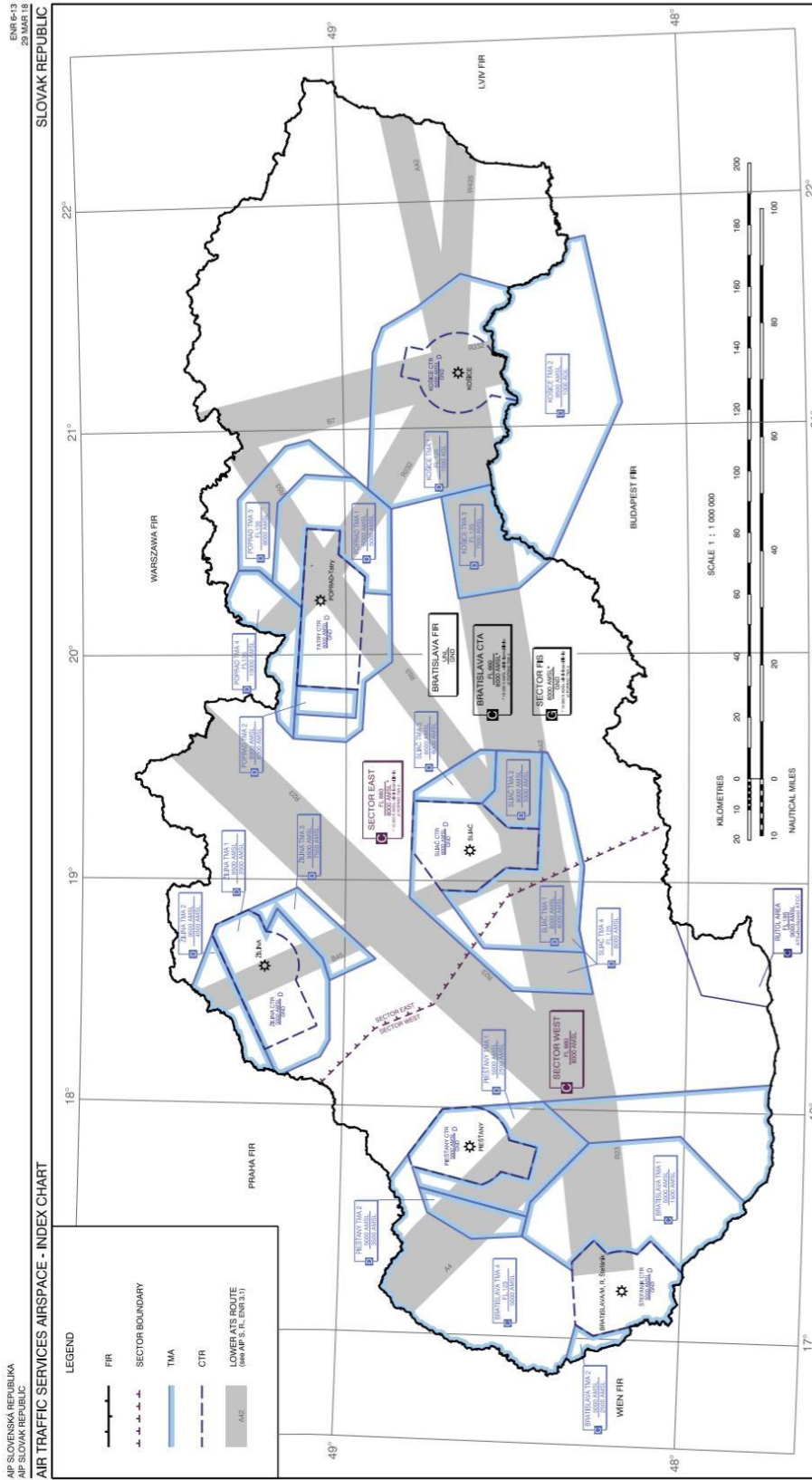
- in this area ATS are delegated to Hungary / Hungarocontrol
- 480214N 0184917E - along state boundary to 474551N 0182754E - 475117N 0182910E -475729N 0183036E - 480214N 0184917E.
- FL 195 / 9 000 AMSL, ATS provided by Budapest ATCC. Search and rescue co-ordination and operations provided by appropriate authorities of the Slovak Republic, Class of airspace: C

TMA 2 KOŠICE

- in this area ATS are delegated to Slovakia / LPS SR
- 482346N 0202459E along state boundary to 482000N 0214901E 481703N 0214953E 481110N 0210551E 482346N 0202459E 9 500 ft (2 900 m) AMSL / 1 000 ft (300 m) AGL Class of airspace: D



The following map shows the geographical situation of the Slovak airspace.



Name of the ANSP:	Letové prevádzkové služby Slovenskej republiky, štátny podnik (LPS SR)	
Governance:	State enterprise	Ownership: Slovak Republic
Services provided	Y/N	Comment
ATC en-route	Y	
ATC approach	Y	
ATC Aerodrome(s)	Y	
AIS	Y	
CNS	Y	
MET	N	Provided by Slovak Hydrometeorological Institute
ATCO training	Y	
Others	N/A	
Additional information:		
Provision of services in other State(s):	Y	HU

Name of the ANSP:	Slovak Hydrometeorological Institute (SHMÚ)	
Governance:	State organisation	Ownership: Slovak Republic
Services provided	Y/N	Comment
ATC en-route	N	
ATC approach	N	
ATC Aerodrome(s)	N	
AIS	N	
CNS	N	
MET	Y	
ATCO training	N/A	
Others	N/A	
Additional information:		
Provision of services in other State(s):	N	

Name of the ANSP:	MoD- Air Force of the Slovak Republic (MoD- VzS OS SR)	
Governance:	State organisation	Ownership: Slovak Republic
Services provided	Y/N	Comment
ATC en-route	N	
ATC approach	Y	
ATC Aerodrome	Y	
AIS	N	At Sliač Airport provided by Letové prevádzkové služby SR, š. p.
CNS	Y	

MET	N	At Sliač Airport provided by Slovak Hydrometeorological Institute
ATCO training	Y	Only unit training, other types of training are provided by Letové prevádzkové služby SR, š. p.
Others	N/A	
Additional information:		
Provision of services in other State(s):	N	



Letové prevádzkové služby Slovenskej republiky,
štátny podnik, Ivanská cesta 93, 823 07 Bratislava
216, IČO: 35 778 458

[SVK ATCO.TO/01](#)

All types of Training

Letecká fakulta Technickej univerzity v Košiciach,
Rampová 7, 041 21 Košice, IČO: 00 397 610

[SVK ATCO.TO/02](#)

Basic Training

Ministerstvo obrany Slovenskej republiky,
Kutuzovova 8, 832 47 Bratislava, IČO: 30 845 572 -
Veliteľstvo vzdušných síl OS SR, Jána Jiskru 10,
960 01 Zvolen

[SVK ATCO.TO/03](#)

Unit Training, Continuation Training,



QUALIFIED ENTITIES

Qualified entities commissioned to conduct safety regulatory audits

- The Slovak NSA/Transport Authority has performed all safety regulatory audits by itself, thus **NO QUALIFIED ENTITIES** have been used during **2019**.



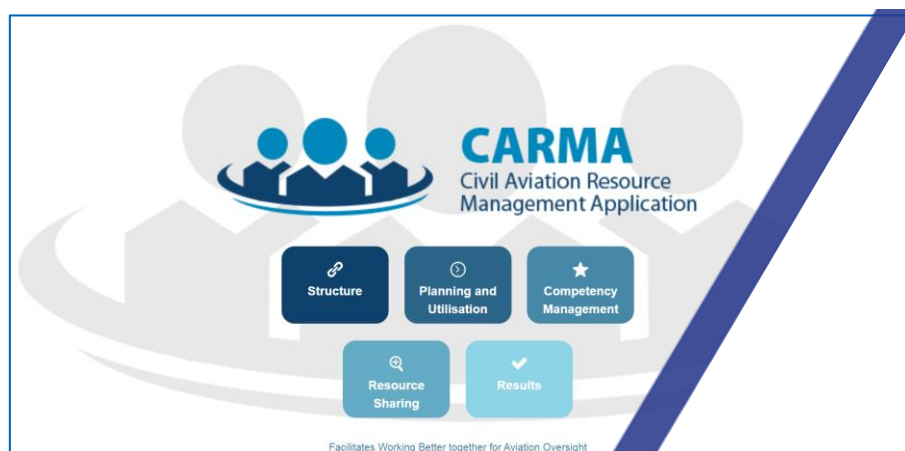
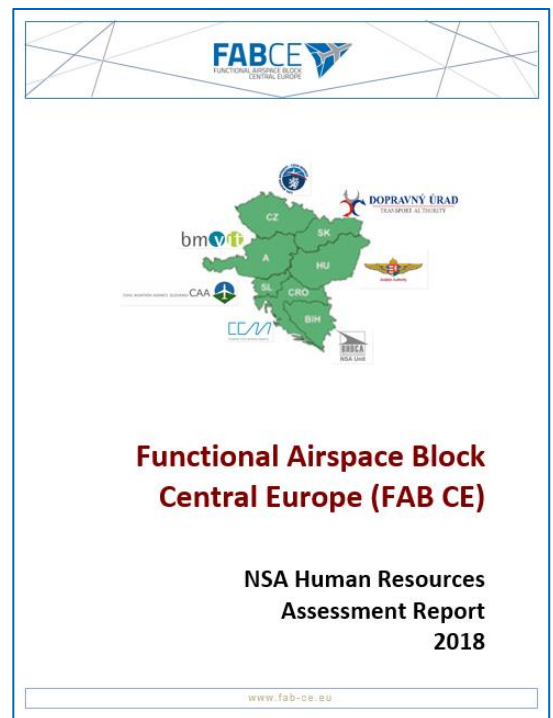
NSA - Human resources

Existing levels of resources of the competent authority

- Detailed assessment of resources has been carried out and published in

„NSA HUMAN RESOURCES ASSESSMENT REPORT 2018”

- The report provides an assessment of NSA Human Resources for the FAB CE levels. The assessment includes structure and size of ANS Departments, task distribution and staffing levels, experience, competency and training of inspectors, inspector recruitment and qualification requirements and remuneration.
- For the next period 2020 the CARMA application is being used.



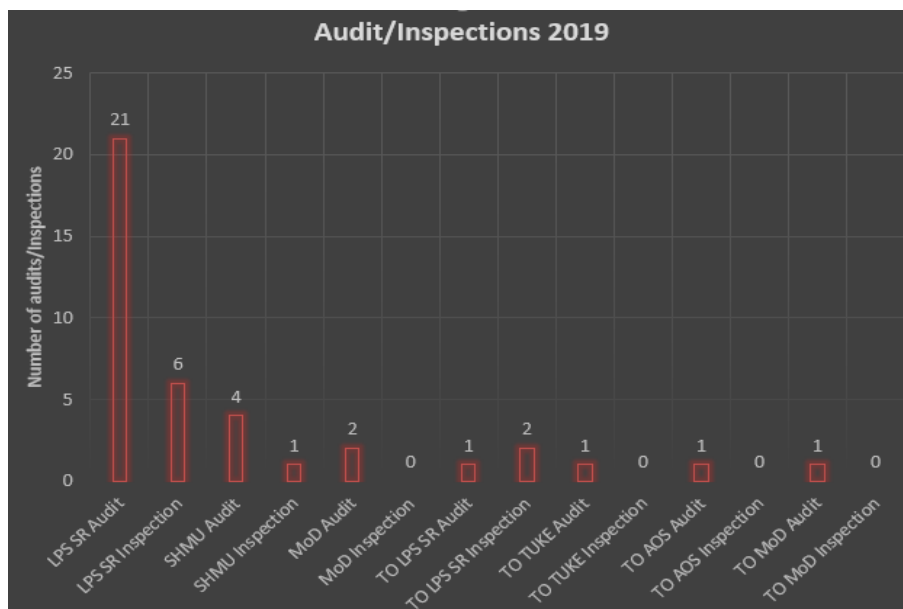
SAFETY OVERSIGHT

Safety issues identified through the safety oversight processes operated by the competent authority

- In 2019 Transport authority has performed 40 on-site audits/inspections:
 - ✓ 30 in LPS SR (including Training Organization);
 - ✓ 5 in SHMU;
 - ✓ 3 in MoD- Air Force of the Slovak Republic (including Training Organization);
 - ✓ 1 in TO Košice;
- **AOS** (Training Organization for ATCO) certification audit, not finished yet

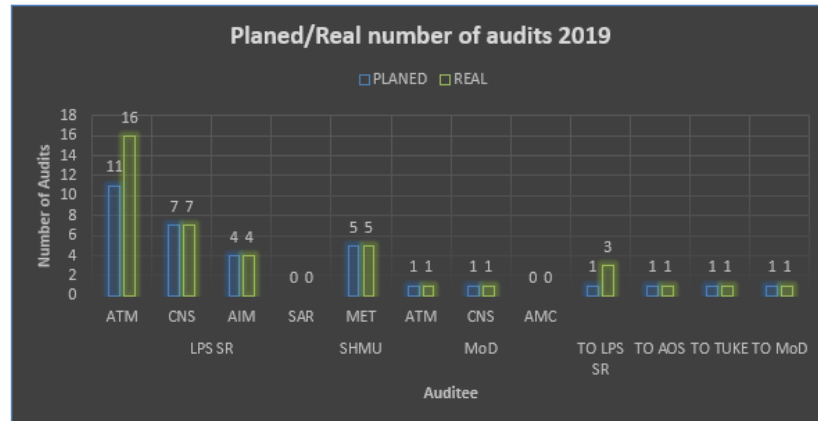


→ Audits and Inspections in 2019

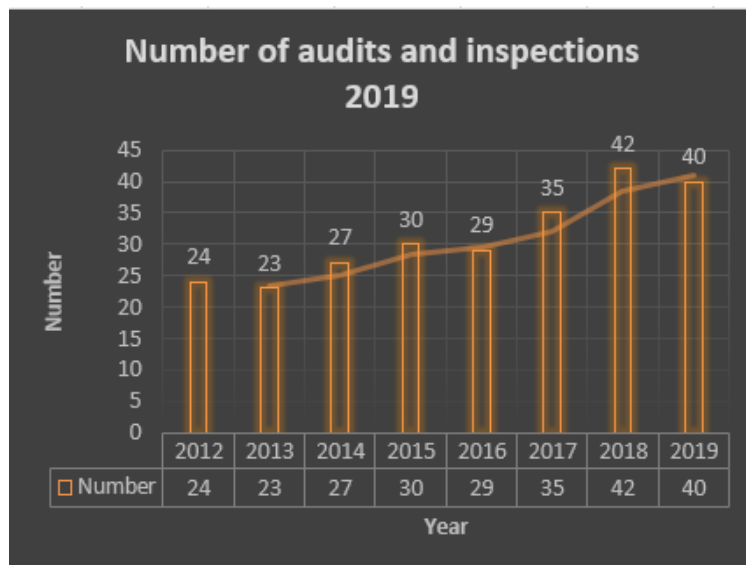


→ Planned vs Real number of audits 2019

		PLANED	REAL		%
LPS SR	ATM	11	16	✓	145
	CNS	7	7	✓	100
	AIM	4	4	✓	100
	SAR	NIL	NIL		NIL
SHMU	MET	5	5	✓	100
MoD	ATM	1	1	✓	100
	CNS	1	1	✓	100
	AMC	NIL	NIL		NIL
TO LPS SR		1	3	✓	300
TO AOS		1	1	✓	100
TO TUKE		1	1	✓	100
TO MoD		1	1	✓	100

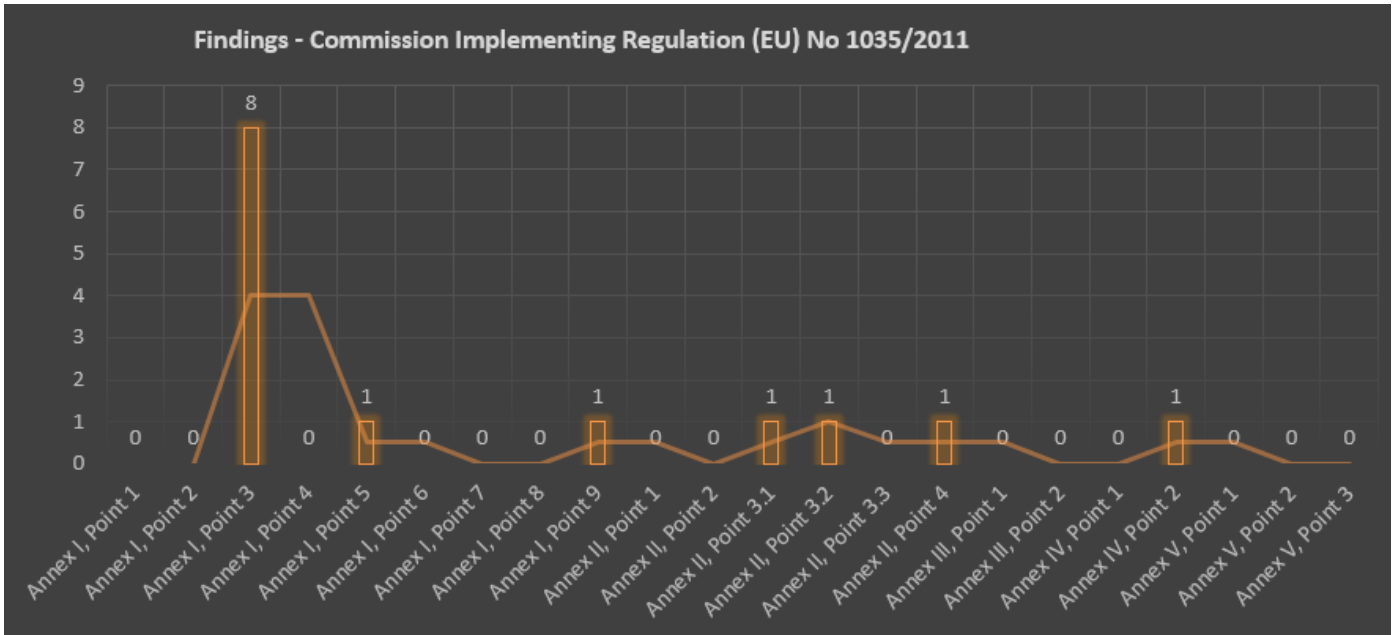


→ Total number of audits and Inspections

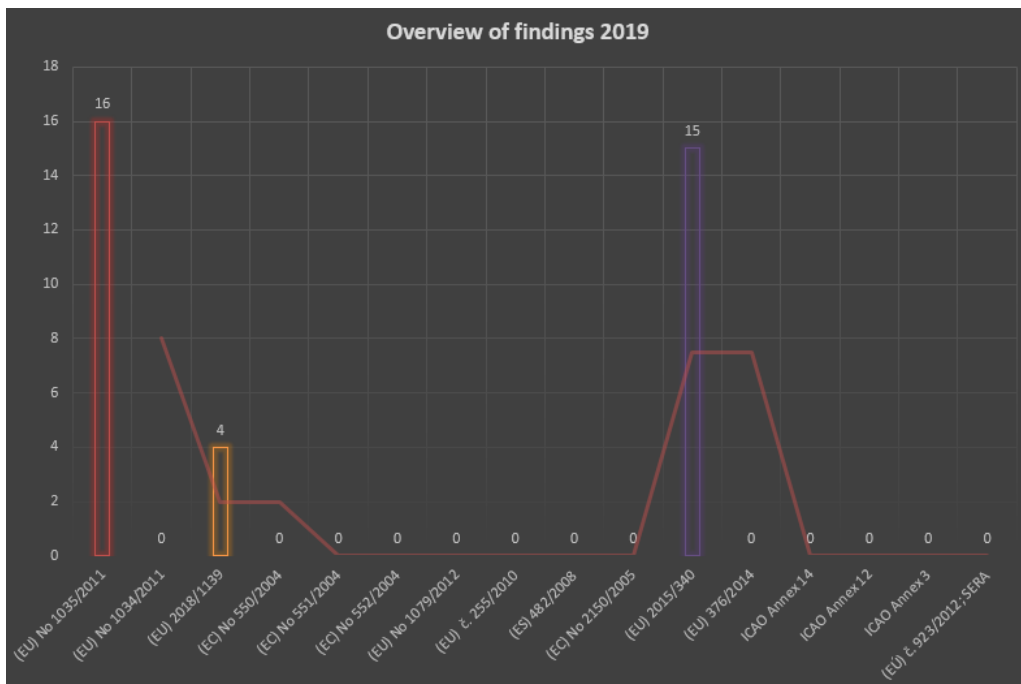


- ✓ Number of audits is almost the same since 2017 year. In 2020 there is plan to check all holders of ANSP or TO certificate as well as UksATSE (The Ukrainian State Air Traffic Service Enterprise) in Kyiv in order to retain their EASA certificate.

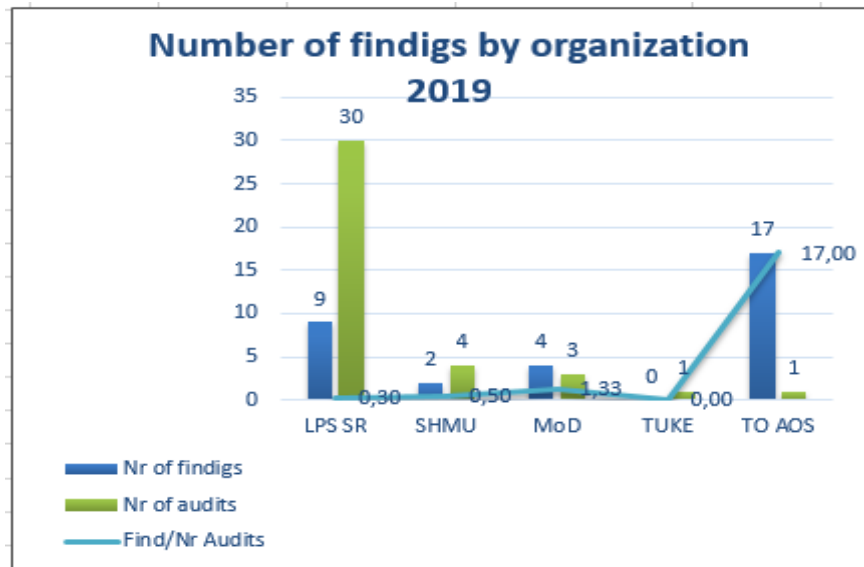
→ (EU) No 1035/2011 Distribution of findings in 2019



→ General Distribution of findings

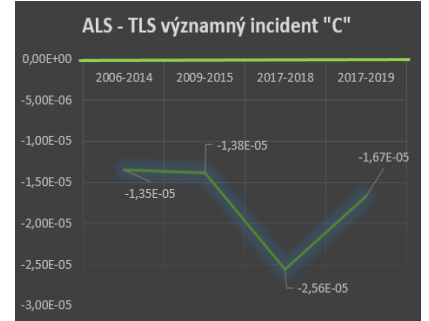
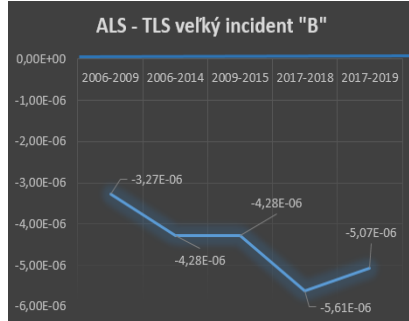
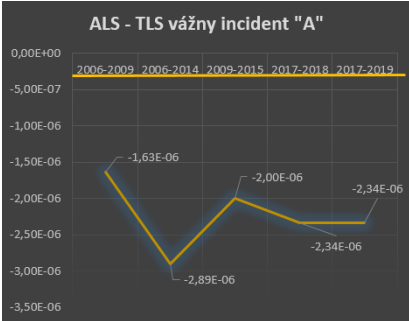


→ Number of findings by organization 2019



- Service providers were requested to provide corrective action plans and implementation plans, which were evaluated by the Competent Authority. 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 have been verified during the follow-up audits.
- For period 2017-2019 Transport Authority has set the Target Level of Safety “TLS” for main provider LPS SR. These TLS are used as monitoring tool for Safety Domain. Comparison of Actual Level of Safety in relation to TLS is performed every six months. (See Table below)

Effect on Operations	Severity Class	Target Level of Safety TLS for period 2017-2019
Accident	1	N/A
Serious Incidents	2/A	3,27E-06 (3,27*10⁻⁶)
Major incidents	3/B	6,54E-06 (6,54*10⁻⁶)
Significant incidents	4/C	2,71E-05 (2,71*10⁻⁵)



NO SAFETY DIRECTIVES

were issued by Competent Authority in 2019.

DOPRAVNÝ ÚŘAD
TRANSPORT AUTHORITY

BEZPEČNOSTNÝ PŘIKAZ
SAFETY DIRECTIVE

(vydané v síluhde s E1.13 vykonávacieho nariadenia Komisie (EÚ) č.1034/2011)
(Issued in accordance with Article 13 of Commission Implementing Regulation (EU) No 1034/2011)

DC/F19-B/v1/1-1

Číslo Number	
Poskytovateľ leteckých navigačných služieb Air Navigation Service Provider	
Číslo certifikátu Certificate's reference number/code	
Identifikácia nebezpečného stavu The identification of the unsafe condition	
Identifikácia ovplyvneného funkčného systému The identification of the affected functional system	
Potrebné opatrenia a ich odôvodnenie The actions required and their rationale	
Lehota na dosiahnutie súladu potrebných opatrení s bezpečnostným príkazom The time limit for compliance of the required actions with the safety directive	
Datum nadobudnutia účinnosti Its date of entry into force	
Poznámky Remarks	

Datum/Date

Meno a Příjmení ředitele Divize civilního letectva
Civil Aviation Division Director

The year 2019 - Milestones for NSA:

- ✓ **Performance plan** for third reference period;
- ✓ Preparation for COMMISSION IMPLEMENTING REGULATION (EU) **2017/373** – implementation (new internal procedures, coordination with ANSPs);
- ✓ **Airspace structure** changes (change of vertical limits of TMAs) FAB CE – NSA;
- ✓ **Human resource** assessment – transfer to CARMA application;
- ✓ Supervision of **RNP APCH** Implementation;
- ✓ Finalization of **8,33 kHz** channel spacing process;

Milestones



Bratislava 28/JAN/2020

Karol Lysina v. r.
Director of Air Navigation Services
and Airports Section