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# THE ANNUAL SAFETY OVERSIGHT REPORT 2018



**Air Navigation Service Department**

Nr. 24388/2018/OLNS-1-56238

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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 organisations;
    - monitoring of state supervision in Civil Aviation,;
    - legislation and regulatory process;
    - designation of Air Navigation Services Providers.
- The Ministry of Defence of the Slovak Republic (MoD SK) is responsible for the process of national military aviation legislation and regulation of military aviation in general. MoD SK is responsible for handling of military air traffic in reserved areas for state military aircraft (licensing of military ATCOs). The Ministry of Defence of the Slovak Republic for these purposes has delegated certain responsibilities to the Military Aviation Authority (MAA).
- The Ministry of Interior of the Slovak Republic is responsible for regulation of state aircraft other than military aircraft.
- The Transport Authority (TA) has been established as a legal successor of the Civil Aviation Authority of the Slovak Republic with effect from January 1, 2014. The 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 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.
- 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. I

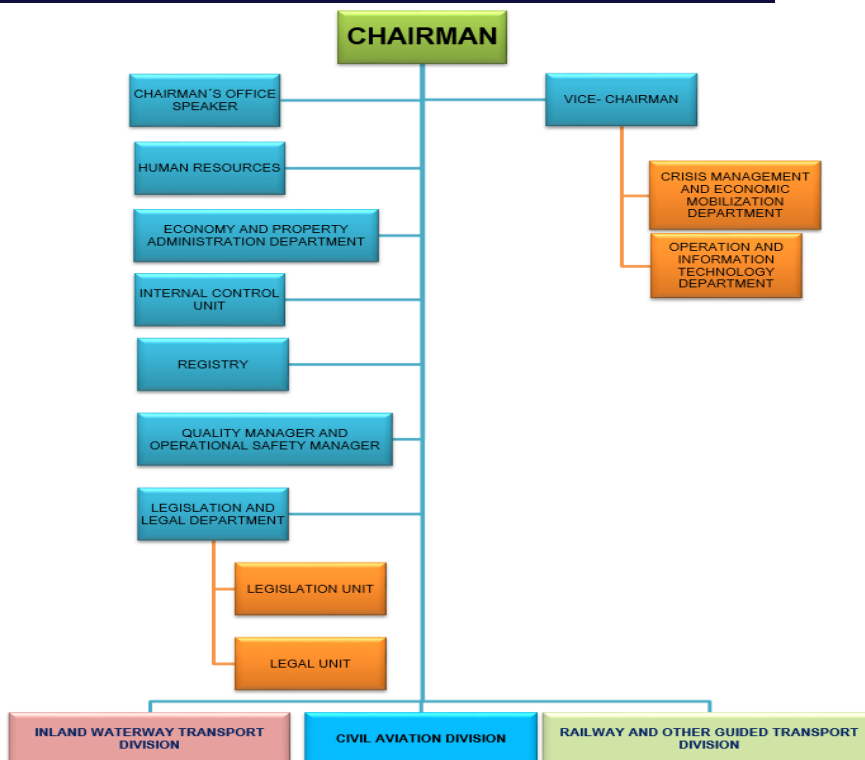
ACTIVITY IN ATM:	ORGANISATION RESPONSIBLE	LEGAL BASIS
Rule-making	MoT SK	EU legislation and Civil Aviation Act (143/1998 as amended)
Safety Oversight	TA (NSA)	EU legislation and Civil Aviation Act
Enforcement actions in case of non-compliance with safety regulatory requirements	MoT SK TA	EU legislation 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 Water Transport) 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 2017

**DOPRAVNÝ ÚRAD**  
TRANSPORT AUTHORITY

European Aviation Safety Agency  
Boltzstraße 10 12 55  
D-50452 Köln  
Germany

Your ref: 20862/2017/OLNS-3-38521      Assigned to by: kresch=521 2 4877 7373      Bratislava 02-11-2017

**Notification - competent authority**

Dear Madam / Sir

On behalf of Transport Authority I have an honour to inform you that Competent authority in accordance with the Article 5, para 7 of COMMISSION REGULATION (EU) 2015/340 in Slovak Republic is:

Name of Competent Authority	DOPRAVNÝ ÚRAD - OVIETRA CHYBNEHO LETECTVA
English Translation	TRANSPORT AUTHORITY - CIVIL AVIATION SECTION
Postal address	UL. R. ŠTEFÁNKA AIRPORT, 823 02 BRATISLAVA, SLOVAK REPUBLIC
Phone	+421 2 4877 7302
Fax	+421 2 4877 7313
E-mail	+421 2 4852 0333
Website	www.uda.sk
Legal basis of the Competent Authority	Act No. 402/2013 Coll. on Authority for Regulation of Electronic Communications and Postal Services and on Transport Authority to enter and to amend some other acts. As amended. Civil Aviation Act No. 142/1996 Zk. (Book of Acts) and on amendment of some acts as well. Recently amended.
CAA/Competent Person	Mgr. Ján Brejha
Postal code/contact person	Mgr. Ján Brejha
Phone	+421 2 4877 7373
E-mail	jan.brejha@uda.sk

Sincerely yours,

**Dipl. Ing. Ján Brejha**  
Chairman  
of the Transport Authority

Postal Address: **Letisko M. R. Štefánka** 823 02 Bratislava, Slovak Republic  
Identification Number of Organisation: 40219925      Website: www.uda.sk



## AIRSPACE

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

### BRATISLAVA FIR

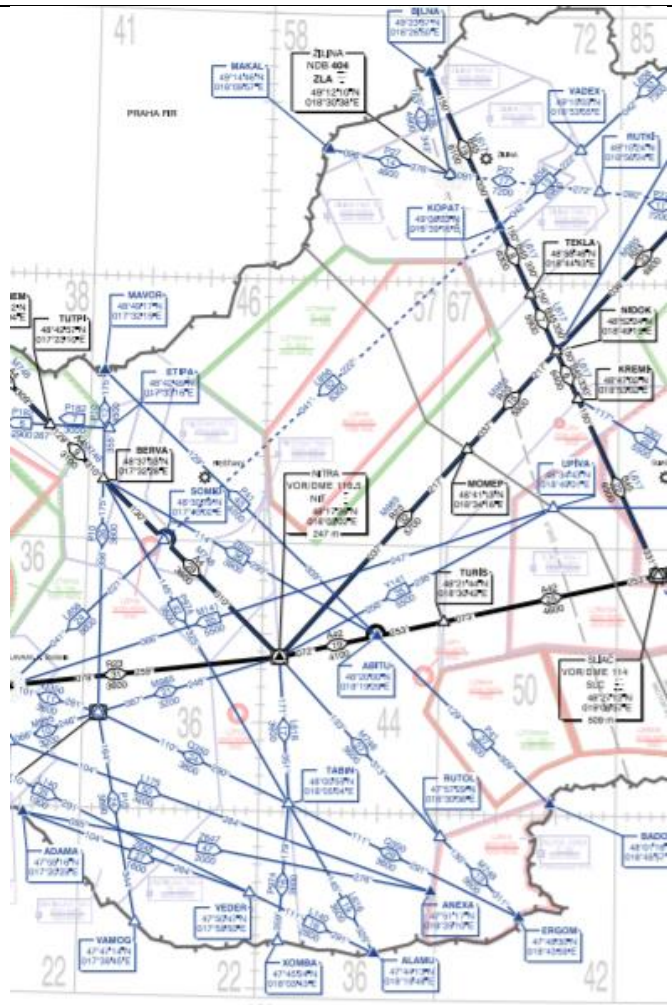
- Bratislava FIR is surrounded by FIRs of 5 States, namely Austria, the Czech Republic, Poland, Ukraine and Hungary.
- The Division Flight Level (DFL) separating upper from lower ATS airspace is FL 245.

### 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







<b>Name of the ANSP:</b>	Letové prevádzkové služby Slovenskej republiky, štátny podnik (LPS SR)	
<b>Governance:</b>	State enterprise	<b>Ownership:</b> Slovak Republic
<b>Services provided</b>	<b>Y/N</b>	<b>Comment</b>
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

<b>Name of the ANSP:</b>	Slovak Hydrometeorological Institute (SHMÚ)	
<b>Governance:</b>	State organisation	<b>Ownership:</b> Slovak Republic
<b>Services provided</b>	<b>Y/N</b>	<b>Comment</b>
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	

<b>Name of the ANSP:</b>	MoD- Air Force of the Slovak Republic (MoD- VzS OS SR)	
<b>Governance:</b>	State organisation	<b>Ownership:</b> Slovak Republic
<b>Services provided</b>	<b>Y/N</b>	<b>Comment</b>
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

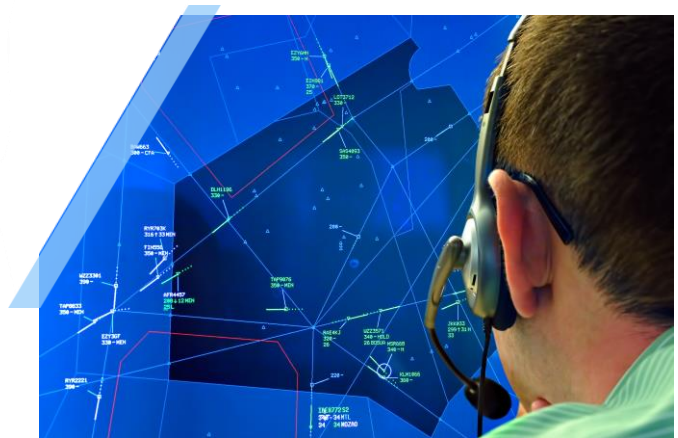
[SVK ATCO.TO/02](#)

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 commissioned to conduct safety regulatory audits

- The Slovak NSA/Competent Authority has performed all safety regulatory audits by itself, thus **NO QUALIFIED ENTITIES** have been used during **2018**.



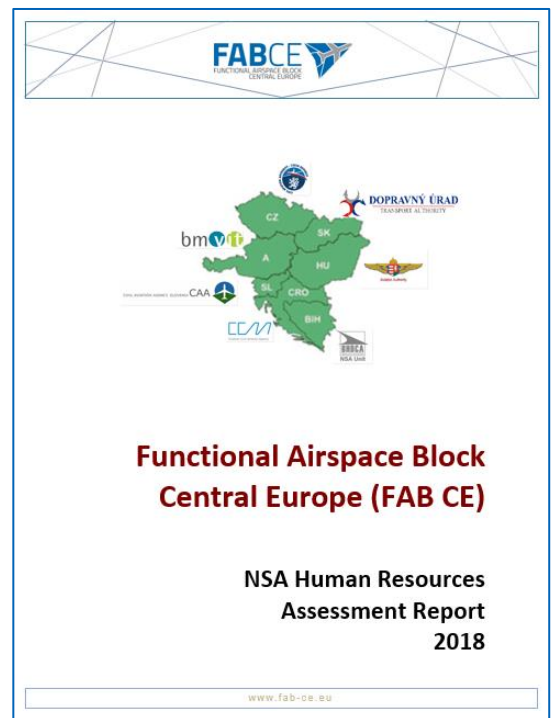
## NSA - Human resources

### 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.



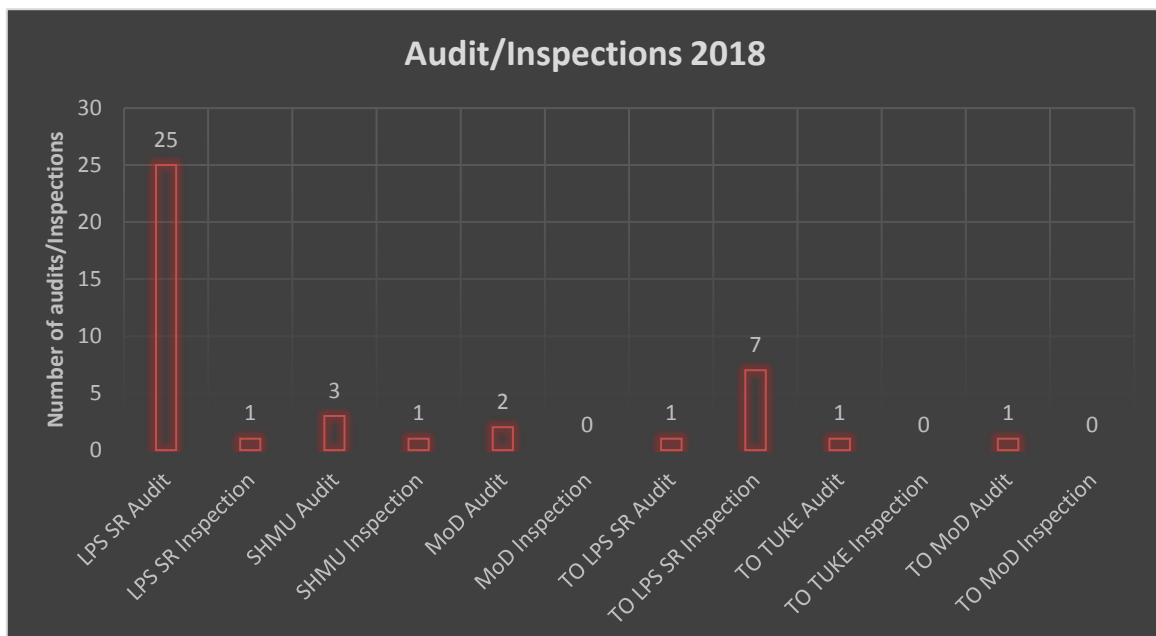
# SAFETY OVERSIGHT

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

- In 2018 Transport authority has performed 42 on-site audits/inspections:
  - ✓ 34 in LPS SR (including Training Organization)
  - ✓ 4 in SHMU
  - ✓ 3 in MoD- Air Force of the Slovak Republic (including Training Organization)
  - ✓ 1 in TO Košice
- **UkSATSE audit** - TA in position of observer

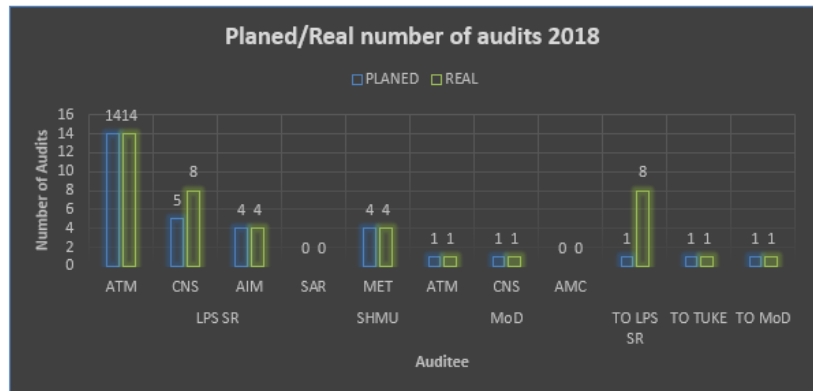


### → Audits and Inspections in 2018

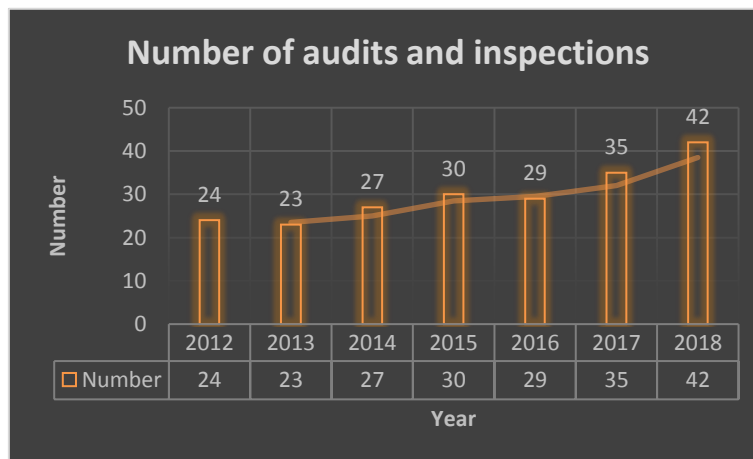


### → Planned vs Real number of audits 2018

		PLANED	REAL		%
LPS SR	ATM	14	14	✓	100
	CNS	5	8	✓	160
	AIM	4	4	✓	100
	SAR	NIL	NIL		
SHMU	MET	4	4	✓	100
MoD	ATM	1	1	✓	100
	CNS	1	1	✓	100
	AMC	NIL	NIL		
TO LPS SR		1	8	✓	800
TO TUKE		1	1	✓	100
TO MoD		1	1	✓	100



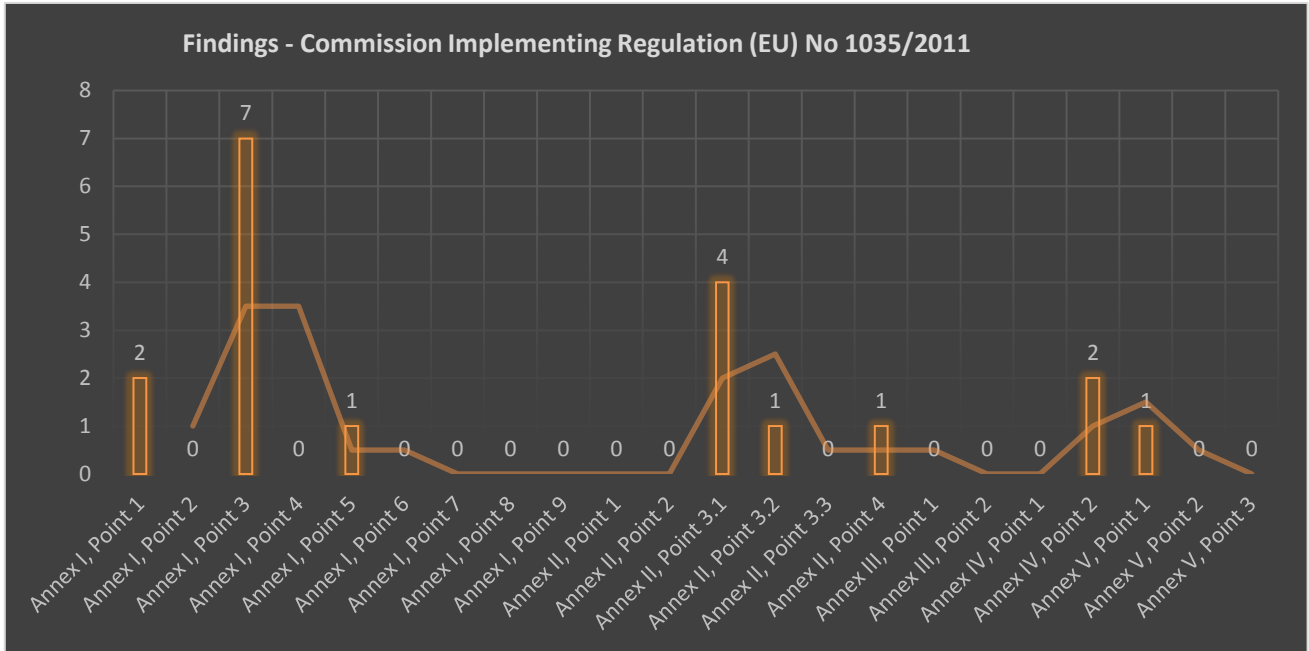
### → Total number of audits and Inspections



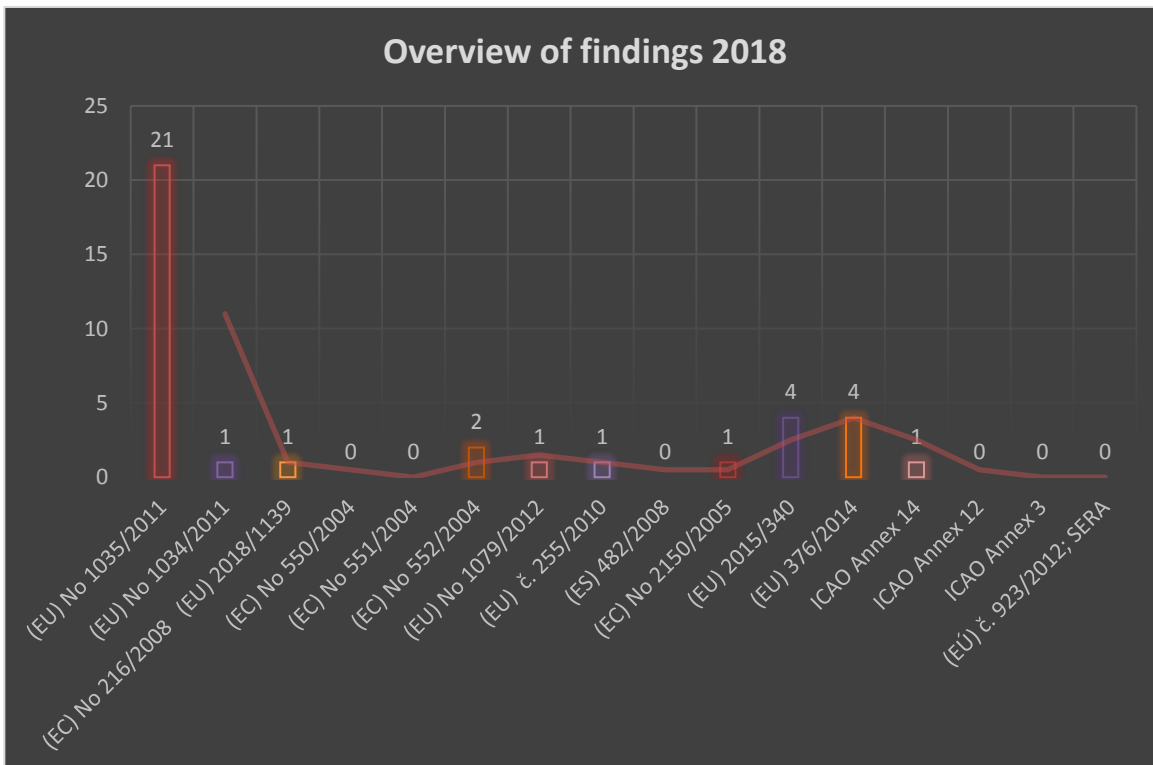
- ✓ **Increasing** number of audits is partially caused by inspections of TO. Based on internal directives of Chairman Nr 14/2017 dated: 12.10.2017) ANS Dept. is obliged to **supervise all final exams** during period JAN- DEC 2018.



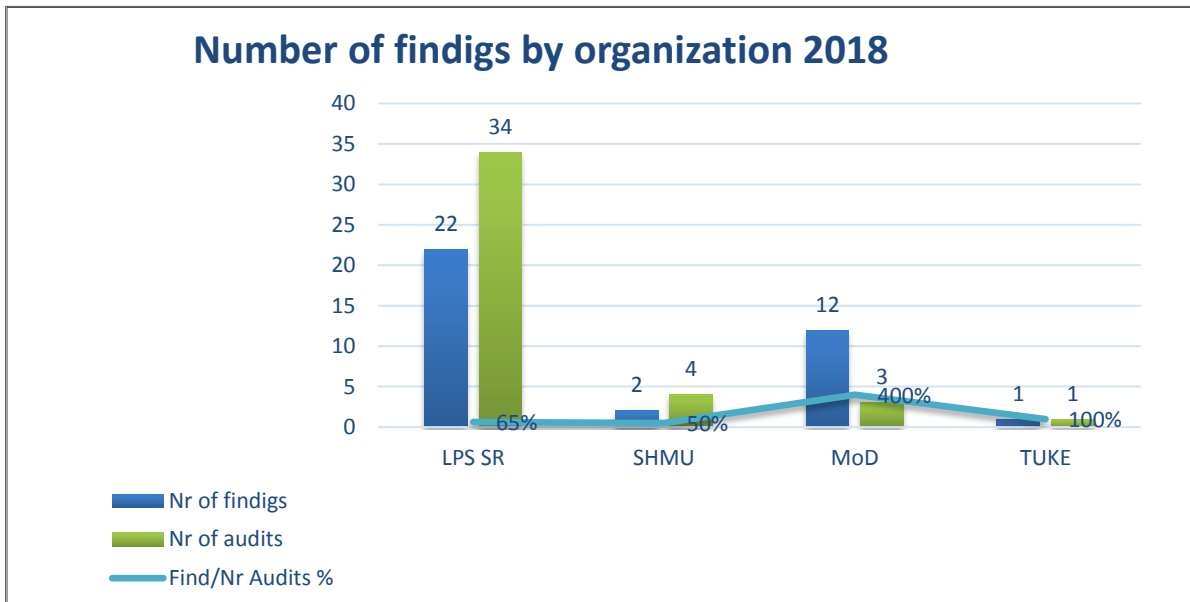
→ (EU) No 1035/2011 Distribution of findings



→ General Distribution of findings



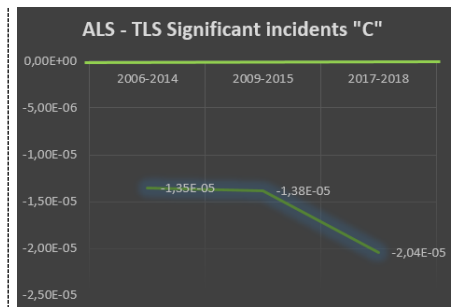
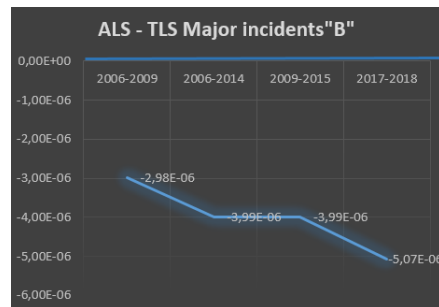
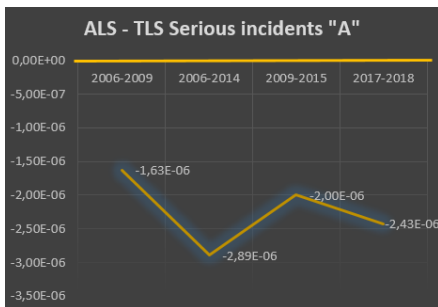
→ Number of findings by organization 2018



→ 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 Competent Authority 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 <b>2017-2019</b>
Accident	1	N/A
Serious Incidents	2/A	<b>3,27E-06 (3,27*10<sup>-6</sup>)</b>
Major incidents	3/B	<b>6,54E-06 (6,54*10<sup>-6</sup>)</b>
Significant incidents	4/C	<b>2,71E-05 (2,71*10<sup>-5</sup>)</b>



## NO SAFETY DIRECTIVES

were issued by Competent Authority in 2018.

**DOPRAVNÝ ÚŘAD**  
TRANSPORT AUTHORITY

**BEZPEČNOSTNÝ PŘIKAZ**  
SAFETY DIRECTIVE

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

DC/F130-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	
Lehkota na dostavenie souladu potřebných opatření s bezpečnostním příkazem The time limit for compliance of the required actions with the safety directive	
Datum nadobudnutia účinnosti Its date of entry into force	
Poznámky Remarks	

Dátum/Date

Meno a Příjmení ředitele Divize civilního letectva  
Civil Aviation Division Director

## The year 2018 - Milestones for NSA:

- ✓ EASA Standardization visit FEB 2018;
- ✓ Preparation for COMMISSION IMPLEMENTING REGULATION (EU) 2017/373 – implementation (*3 workshops organized by Transport Authority*);
- ✓ Cooperation with EASA on UkSATSE certification;
- ✓ FAB CE - NSA Human resource assessment;
- ✓ ADQ regulation implementation;
- ✓ Performance - third reference period;



Reg. 373 WS  
18.10.2018 – 19.10.2018

Bratislava 21/DEC/2018

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