



Civil Aviation Authority of Republic of Moldova  
(National Supervisory Authority for ATM/ANS)

**APPROVED:**

**Director CAA RM**

\_\_\_\_\_ **Vasile ŞARAMET**

**ATM/ANS ANNUAL SAFETY OVERSIGHT REPORT**

**YEAR 2024**

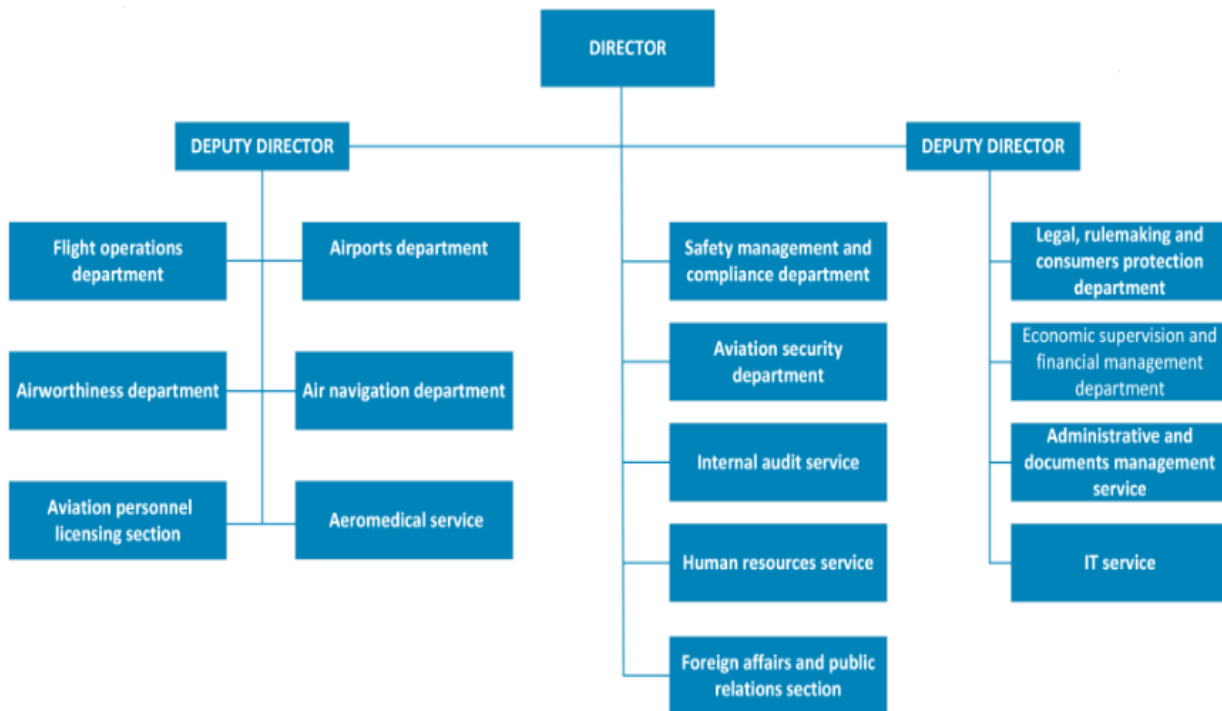
This report is prepared pursuant to Article 7 (1) of Aviation Code of RM Nr.301 from 21.12.2017 and PIAC SCFATMANS Chapter 5.4. It includes descriptions of annual oversight activities, performed by CAA in accordance with requirements set in ATM/ANS.AR.C.010 and ATM/ANS.AR.C.015 of Regulation laying down technical and administrative requirements for ATM/ANS providers, approved by GD nr. 119/2023

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# 1. Organisational structure and procedures of the CAA/NSA for ATM/ANS of the Republic of Moldova

## 1.1 Moldovan CAA organizational structure



## 1.2 Structure and the components of the NSA for ATM/ANS

The functions of the National Supervisory Authority for ATM/ANS are jointly provided by the following divisions of the Moldovan CAA:

- I. Air Navigation Department – focal point and coordinator of all oversight processes related to providers of ATM/ANS
- II. Aviation Personnel Licensing Section
- III. Aviation Security Department
- IV. Economic supervision and financial management department
- V. Legal, rulemaking and consumers protection department

During the Year 2024, the National Supervisory Authority for ATM/ANS, continued to exercise its power impartially, independently and transparently, in accordance to approved procedures and applicable regulation framework. The CAA's management provided divisions stated above (acting as NSA for ATM/ANS) with necessary resources to support their capabilities to carry out the tasks assigned to them in an efficient and timely manner.

### 1.3 Regulations and NSA's procedures

From the oversight perspective, the year 2024 can be considered a transition year, during which the ongoing oversight of the ATM/ANS service provider was initiated based on the requirements set out in the new Regulation laying down technical and administrative requirements for ATM/ANS providers, approved by Government Decision 119/2023, which transposed COMMISSION IMPLEMENTING REGULATION (EU) 2017/373.

Thus, the Year 2024 the following legal framework were used by NSA to comply with the tasks associated with functions, delegated by Article 7 of Aviation Code of RM Nr.301 from 21.12.2017:

#### 1.3.1 Applicable regulations for ATM/ANS domain:

Nr	National Regulation	Transposing or aligning to
1	Government decision Nr.119/2023 on approval of the Regulation laying down technical and administrative requirements for ATM/ANS providers (applicable from 27.04.2024);	COMMISSION IMPLEMENTING REGULATION (EU) 2017/373_of 1 March 2017 laying down common requirements for providers of air traffic management/air navigation services and other air traffic management network functions and their oversight, repealing Regulation (EC) No 482/2008, Implementing Regulations (EU) No 1034/2011, (EU) No 1035/2011 and (EU) 2016/1377 and amending Regulation (EU) No 677/2011
2	CT-PERS ATSEP Training of Air traffic safety electronist personnel (applicable from 27.04.2024)	
3	AMC/GM related to Regulation 373/2017	
4	Government decision no. 134 on approval of the Regulation on laying down technical requirements and administrative procedures relating to air traffic controllers' certificates.	1. COMMISSION REGULATION (EU) NO. 2015/340_of 20 February 2015 laying down technical requirements and administrative procedures relating to air traffic controllers' licenses and certificates pursuant to Regulation (EC) No 216/2008 of the European Parliament and of the Council, amending Commission Implementing Regulation (EU) No 923/2012 and repealing Commission Regulation (EU) No 805/2011 2. ICAO Annex 1 ( in respect to ATCo)
5	Technical requirements for the issuance of air traffic controller certificates	
6	Government decision No. 190/2021 of 06.10.2021 on approval of the Regulation on management of air space and implementation of flexible use of airspace concept	COMMISSION REGULATION (EC) NO. 2150/2005 of 23 December 2005 laying down common rules for the flexible use of airspace
7	Technical Requirements "Essential specifications on rules of the air" (CT-SERA, applicable from 27.04.2024)	1. COMMISSION IMPLEMENTING REGULATION (EU) No 923/2012 of 26 September 2012 laying down the common rules of the air and operational provisions regarding services and procedures in air navigation and amending Implementing Regulation (EU) No 1035/2011 and Regulations (EC) No 1265/2007, (EC) No 1794/2006, (EC) No 730/2006, (EC) No 1033/2006 and (EU) No 255/2010 2. ICAO Annex 2

8	Regulation on the reporting, analysis and subsequent actions regarding civil aviation events (RAC RAASEAC)	COMMISSION IMPLEMENTING REGULATION (EU) NO. 2015/1018 of 29 June 2015 laying down a list of classifying occurrences in civil aviation to be mandatorily reported according to Regulation (EU) No 376/2014 of the European Parliament and of the Council
9	Law No. 213 of 19.12.2021 on investigation of accidents and incidents in transport	REGULATION (EU) NO. 996/2010 of the European Parliament and of the Council of 20 October 2010 on the investigation and prevention of accidents and incidents in civil aviation and repealing Directive 94/56/EC
10	Regulation on the reporting, analysis and subsequent actions regarding civil aviation events (RAC RAASEAC)	REGULATION (EU) NO. 376/2014 of the European Parliament and of the Council of 3 April 2014 on the reporting, analysis and follow-up of occurrences in civil aviation, amending Regulation (EU) No 996/2010 of the European Parliament and of the Council and repealing Directive 2003/42/EC of the European Parliament and of the Council and Commission Regulations (EC) No 1321/2007 and (EC) No 1330/2007
11	Government decision No. 111 of 23.02.2022 on approval of Regulation laying down airspace usage requirements and operating procedures concerning performance-based navigation.	COMMISSION IMPLEMENTING REGULATION (EU) No. 2018/1048 of 18 July 2018 laying down airspace usage requirements and operating procedures concerning performance-based navigation
12	Technical requirements laying down requirements for the application of a flight message transfer protocol used for the purpose of notification, coordination and transfer of flights between air traffic control units.	COMMISSION REGULATION (EC) NO. 633/2007 of 7 June 2007 laying down requirements for the application of a flight message transfer protocol used for the purpose of notification, coordination and transfer of flights between air traffic control units
13	Technical requirements laying down requirements for automatic systems for the exchange of flight data for the purpose of notification, coordination and transfer of flights between air traffic control units.	COMMISSION REGULATION (EC) NO. 1032/2006 of 6 July 2006 laying down requirements for automatic systems for the exchange of flight data for the purpose of notification, coordination and transfer of flights between air traffic control units
14	Technical requirements laying down the requirements on procedures for flight plans in the pre-flight phase.	COMMISSION REGULATION (EC) NO. 1033/2006 of 4 July 2006 laying down the requirements on procedures for flight plans in the pre-flight phase for the single European sky
15	Government Decision Nr. 680 of 02.10.24, on approval of the Regulation on the establishment of norms regarding air traffic flow management	COMMISSION REGULATION (EU) NO 255/2010 of 25 March 2010 laying down common rules on air traffic flow management
16	Technical Requirements regarding aircraft equipment required for the use of the airspace of the Republic of Moldova, Order CAA nr.39 GEN of 30.09.2024	COMMISSION IMPLEMENTING REGULATION (EU) 2023/1770 of 12 September 2023 laying down provisions on aircraft equipment required for the use of the Single European Sky airspace and operating rules related to the use of the Single European Sky airspace and repealing Regulation (EC) No 29/2009 and Implementing Regulations

		(EU) No 1206/2011, (EU) No 1207/2011 and (EU) No 1079/2012
17	<b>CT-MET</b> "Technical requirements - Meteorological service for air navigation"	ICAO Annex 3
18	<b>CT-HA</b> "Technical requirements on aeronautical charts"	ICAO Annex 4
19	<b>CT-UNITS</b> "Technical requirements on units of measurement to be used in civil aviation".	ICAO Annex 5
20	<b>RAC-TA</b> "Aeronautical telecommunications"	ICAO Annex 10
21	<b>CT-TIMRNRL</b> "Technical requirements - Ground and in-flight testing/inspections of radio navigation and radio location equipment and systems"	ICAO Annex 10
22	<b>CT-ATS</b> " Technical requirements - Air traffic services"	ICAO Annex 11
23	<b>CT-ATCO NCO</b> " Technical requirements - Fatigue control of air traffic controllers"	ICAO Annex 11
24	<b>Government decision</b> nr. 249/2021 on approval of Regulation on the organization of the National Search and Rescue System in case of an aviation accident	ICAO Annex 12
25	<b>CT-GMCOCS</b> "Technical requirements - Joint group for coordination of search and rescue operations"	ICAO Annex 12
26	<b>CT-AIS</b> "Technical requirements - Aeronautical information services"	ICAO Annex 15
27	<b>CT-SMS</b> " Technical requirements - Safety management systems (SMS).	ICAO Annex 19

### 1.3.2 Applicable NSA's procedures

Nr	Procedure	Edition
1	Civil Aviation Procedure and Instructions – "PIAC-CFATMANS – Certification of ATM/ANS Service providers"	Edition 01, April 2024
2	Civil Aviation Procedure and Instructions – "PIAC-SCFATMANS - Continuous oversight of ATM/ANS service providers"	Edition 01, April 2024
3	Civil Aviation Procedure – "Approval and safety oversight of instrument flight procedure design organization"	Edition 1, February 2017
4	Civil Aviation Procedure and Instructions – "Identification, assessment and reporting of air navigation deficiencies (PIAC IERDNA)"	Edition 1, February 2020
5	Procedure on Approval of Instrument Flight Procedure (part of TR-on Design, verification and Approval of IFP)	Edition 1 Am.01 of 12.03.2021,

7	Government Decision no. 527 – Regulation on authorization of transmitters and the coordination of radio frequencies assigned to aviation	Edition 01 of 22.07.2022
8	Regulations on Aeronautical Inspections	Edition, July 2018
9	ANS Guidance on Inspection	Edition 04, April 2019
10	Procedure on “ANSP’s Procedures Implementation Monitoring Program”	Edition 01, March 2022
11	Regulation on Air Navigation Commission	Edition May 2018
12	PIAC – MUSA Management and use of airspace	Edition 01 of 28.09.2022
13	Civil Aviation Procedure and Instructions – ATCO Certification PIAC- ATCO- CCTA	Edition 1, September 2019
14	Civil Aviation Procedure and Instructions – Certification of ATCO TO PIAC- ATCO- COP	Edition 1, September 2019
15	PI.SMS.ADS – “Safety Data Analyze Procedure”	Edition 02, August 2020
16	Occurrences Reporting Procedure (part of RAC-RAASEAC)	Adopted by Order nr.119 of 02.07.2020
17	Procedure on SMS implementation assessment (part of TR-SMS)	Edition 01 of 01.12.2020
18	Procedure regarding review of proposals/approvals and monitoring of amendments to ICAO documents	Edition 02, 30.01.2021
19	PIAC-ATCO-COP Certification of ATCO training organizations	Edition 01 of 05.09.2019
20	PIAC-ATCO-CCTA Certification of air traffic controllers	Edition 01 of 05.09.2019

#### 1.4 NSA activities during 2024

##### I. Rulemaking issues

During 2024, NSA elaborated or supported the elaboration/actualization/amendment of the following national documents which regulates, or have indirect effect on the provision of ATM/ANS:

Nr	Document
1	CT-TIMRNRL Ground and in-flight testing/inspections of radio navigation and radio location equipment and systems

2	ATM/ANS.OR.B.035 "Operations manual" (AMC.N.ATM/ANS.OR.B.035)
3	PIAC-SGMCOCS - Oversight of the Joint group for coordination of search and rescue operations
4	CT-PERS ATSEP Training of Air traffic safety electronist personnel
5	Technical Requirements regarding aircraft equipment required for the use of the airspace of the Republic of Moldova
6	Technical requirements - Aeronautical information services" Edition 03
7	Technical requirements - Air traffic services" Edition 02
8	"Technical requirements - Meteorological service for air navigation" Edition 04
9	Technical Requirements regarding aircraft equipment required for the use of the airspace of the Republic of Moldova
10	Technical Requirements – conformity of the ATM/ANS equipments and systems

## II. Safety oversight inspections

The main processes of ongoing safety oversight in the cycle 2024-2025 remained planned and ad-hoc inspections, procedure's implementation monitoring visits, surveys, interviews and collecting information via safety reporting system. The Safety Oversight Inspection's Programs for cycle 2024-2025 were developed considering the risk based oversight approach, mainly being focused on verification whether ANSP remains in compliance with applicable requirements related to technical and operational competence and capability, human resources, management system, quality (compliance) assurance program, safety management system (in special internal investigation of occurrences), level 3 airspace management procedures, as shown in the image below:



SERVICIUL MANAGEMENTUL INFORMAȚIEI AERONAUTICE												
1	CONFORMAREA FURNIZORULUI AIS CU CERINȚELE ATMANS. OR (AIS 9124)	A. Bzovi / F. Gutu	ATMANS. OR. A.840; ATMANS. OR. A.845; ATMANS. OR. A.850; ATMANS. OR. A.870; ATMANS. OR. A.875; ATMANS. OR. A.880; ATMANS. OR. A.885; ATMANS. OR. A.890;  ATMANS. OR. B.801; ATMANS. OR. B.805; ATMANS. OR. B.810; ATMANS. OR. B.815; ATMANS. OR. B.820; ATMANS. OR. B.825; ATMANS. OR. B.830; ATMANS. OR. B.835;  ATMANS. OR. C.801; ATMANS. OR. C.805  ATMANS. OR. D.801; ATMANS. OR. D.805; ATMANS. OR. D.810; ATMANS. OR. D.815; ATMANS. OR. D.820; ATMANS. OR. D.825									
2	CONFORMAREA FURNIZORULUI AIS CU CERINȚELE AIS. OR (AIS 9125)	A. Bzovi / F. Gutu	AIS. OR. 100; AIS. OR. 105; AIS. OR. 200; AIS. OR. 205; AIS. OR. 210; AIS. OR. 215; AIS. OR. 220; AIS. OR. 225; AIS. OR. 230; AIS. OR. 235; AIS. OR. 240; AIS. OR. 250; AIS. OR. 300; AIS. OR. 305; AIS. OR. 310; AIS. OR. 315; AIS. OR. 320; AIS. OR. 325; AIS. OR. 330; AIS. OR. 335; AIS. OR. 340; AIS. OR. 345; AIS. OR. 350; AIS. OR. 355; AIS. OR. 360; AIS. OR. 365; AIS. OR. 370; AIS. OR. 400; AIS. OR. 405; AIS. OR. 500; AIS. OR. 505; AIS. OR. 510; AIS. OR. 515; AIS. OR. 600									
3	CONFORMAREA FURNIZORULUI AIS CU CERINȚELE AIS. TR (AIS 9225)	A. Bzovi / F. Gutu	AIS. TR. 200; AIS. TR. 210; AIS. TR. 220; AIS. TR. 225; AIS. TR. 230; AIS. TR. 240; AIS. TR. 300; AIS. TR. 305; AIS. TR. 310; AIS. TR. 315; AIS. TR. 320; AIS. TR. 325; AIS. TR. 330; AIS. TR. 340; AIS. TR. 345; AIS. TR. 350; AIS. TR. 355; AIS. TR. 360; AIS. TR. 365; AIS. TR. 370; AIS. TR. 400; AIS. TR. 500; AIS. TR. 505; AIS. TR. 610									

SERVICIUL PROIECTARE PROCEDURI DE ZBOR ȘI CARTOGRAFIE												
1	CONFORMAREA FURNIZORULUI FPD CU CERINȚELE ATMANS. OR (FPD 9124)	A. Bzovi / F. Gutu	ATMANS. OR. A.840; ATMANS. OR. A.845; ATMANS. OR. A.850; ATMANS. OR. A.870; ATMANS. OR. A.875; ATMANS. OR. A.880; ATMANS. OR. A.885; ATMANS. OR. A.890;  ATMANS. OR. B.801; ATMANS. OR. B.805; ATMANS. OR. B.810; ATMANS. OR. B.815; ATMANS. OR. B.820; ATMANS. OR. B.825; ATMANS. OR. B.830; ATMANS. OR. B.835;  ATMANS. OR. C.801; ATMANS. OR. C.805									
2	CONFORMAREA FURNIZORULUI FPD CU CERINȚELE FPD. OR (FPD 9125)	A. Bzovi / F. Gutu	FPD. OR. 100; FPD. OR. 105; FPD. OR. 110; FPD. OR. 115; FPD. OR. 120									
3	CONFORMAREA FURNIZORULUI FPD CU CERINȚELE FPD. TR (FPD 9225)	A. Bzovi / F. Gutu	FPD. TR. 100; FPD. TR. 105									

SERVICIUL COMUNICAȚII, NAVIGAȚIE, SUPRAVEHERE												
1	CONFORMAREA FURNIZORULUI CNS CU CERINȚELE ATMANS. OR (CNS 9124)	A. Toma / A. Bzovi	ATMANS. OR. A.840; ATMANS. OR. A.845; ATMANS. OR. A.850; ATMANS. OR. A.870; ATMANS. OR. A.875; ATMANS. OR. A.880; ATMANS. OR. A.885; ATMANS. OR. A.890;  ATMANS. OR. B.801; ATMANS. OR. B.805; ATMANS. OR. B.810; ATMANS. OR. B.815; ATMANS. OR. B.820; ATMANS. OR. B.825; ATMANS. OR. B.830; ATMANS. OR. B.835;  ATMANS. OR. C.801; ATMANS. OR. C.805  ATMANS. OR. D.801; ATMANS. OR. D.805; ATMANS. OR. D.810; ATMANS. OR. D.815; ATMANS. OR. D.820; ATMANS. OR. D.825; ATMANS. OR. D.830; ATMANS. OR. D.835									
2	CONFORMAREA FURNIZORULUI CNS CU CERINȚELE CNS. OR (CNS 9224)	A. Toma / A. Bzovi	CNS. OR. 100									
3	CONFORMAREA FURNIZORULUI CNS CU CERINȚELE CNS. TR (CNS 9224)	A. Toma / A. Bzovi	CNS. TR. 100									
4	CONFORMAREA FURNIZORULUI CNS CU CERINȚELE FAȚĂ DE PREGĂTIREA ȘIEVALUAREA PERSONALULUI ATSEP (CNS 9125)	A. Toma / F. Gutu	ATSEP. OR. 100; ATSEP. OR. 105; ATSEP. OR. 110; ATSEP. OR. 115; ATSEP. OR. 200; ATSEP. OR. 205; ATSEP. OR. 210; ATSEP. OR. 215; ATSEP. OR. 220; ATSEP. OR. 300; ATSEP. OR. 305; ATSEP. OR. 400; ATSEP. OR. 405 din Anexa 13, CT-PERS ATSEP									

NOTĂ EXPLICATIVĂ

1. Inspecțiile sunt planificate ca și activate în luna respectivă. Date exacte a inspecției va fi comunicată cu coordonată cu organizația inspectată cu cel puțin 14 zile în avans;
2. Inspecție follow up (cu scopul verificării implementării acțiunilor corective), care vor rezulta din realizarea programului actual nu vor fi considerate inspecții adiționale și vor fi planificate/coordonate cu cei implicați individual și în măsura apariției necesității;
3. Programul inspecțiilor pentru ciclul 2024-2025 este elaborat în conformitate cu prevederile PIAC SCFATMANS având la baza abordarea bazată pe risk, astfel fiind supuse verificărilor zonate și elementele care în ciclul anterior de supraveghere au generat probleme și /sau evenimente de siguranță. În caz de necesitate, programul inspecțiilor poate fi revizuit. Noua revizie va fi subiectul unei noi aprobări și coordonări;
4. Programul inspecțiilor poate fi suplimentat cu inspecții ad-hoc, dacă va fi constatată o degradare a nivelului de siguranță sau ca rezultat al investigațiilor evenimentelor aeronautice produse cu implicarea personalului I.S.MOLDATSA.

ELABORAT:  
ȘEF DIRECȚIE NAVIGAȚIE AERIANĂ  
Andrei BZOVII

Digitally signed by Bzovii Andrei  
Date: 2024.03.14 09:02:19 EET  
Reason: MoldSign Signature  
Location: Moldova





According to the above-mentioned Safety Oversight Inspections Program and Procedure Implementation Monitoring Program, in 2024 the NSA's inspectors performed 11 inspections and 8 monitoring visits. It is to be mentioned that ANSP's personnel involved in the organization and evolution of the inspections demonstrated a very open, collaborative and professional attitude. Thus, during inspections, as evidence were presented and reviewed:

1. training records,
2. information regarding number of available ATC personnel, record related to work, duty and rest periods.
3. results of the internal investigations,
4. safety assessments reports preceding the implementation of changes,
5. operations manuals, procedures, job descriptions,
6. annual quality audits program, internal audit reports and audit's checklists.

The results of the 2024 Safety Oversight Inspections Program are described in Chapter 5 below.

### **III. Safety oversight of changes in ATM/ANS functional systems**

In 2024, S.E. MOLDATSA notified NSA on 7 modifications, as per bellow:

- 1) Modernization of ILS/DME-08 in order to ensure the capability of the Chisinau International Airport of precision landings on RWY 08 according to ICAO CAT III. The modification was notified on 23.01.2024 and was classified as a major one, having determined degree 2 for potential consequences. The introduction in service of this modification was dependent on CAA review and acceptance. On 06.12.2024 was issued CAA's approval of arguments as per ATM/ANS.AR.C.040 (b).
- 2) Modification related to SID/STAR/IAP and TMA limits redesign. The modification was notified on 04.03.2024 and CAA decided to review the change, as per ATM/ANS.AR.C.035 . The modification is still in the implementation phase.
- 3) VCS modification, notified on 15.03.2024. The modification was classified as a major one, having determined degree 2 for potential consequences. The introduction in service of this modification was dependent on CAA review and acceptance. On 25.11.2024 was issued CAA's approval of arguments as per ATM/ANS.AR.C.040 (b).
- 4) Modification related to AWOS system sensors replacement, notified on 04.04.2024. CAA decided not to review the change, as per ATM/ANS.AR.C.035. The modification was put into service on 10.07.2024.
- 5) Modification related to AFTN/AMHS servers change, notified on 08.04.2024. CAA decided not to review the change, as per ATM/ANS.AR.C.035. The modification was put into service on 27.05.2024.
- 6) Modification related to HMI interface change in AWOS, notified on 30.10.2024. CAA decided not to review the change, as per ATM/ANS.AR.C.035. The modification was put into service on 16.12.2024.
- 7) Modification related to HMI interface change in ITWP, notified on 26.11.2024. CAA decided not to review the change, as per ATM/ANS.AR.C.035. The modification was put into service on 20.12.2024

### **IV. Approvals / Acceptance of ANSP Manuals**

Several ANSP's manuals (amendments to them) were reviewed during 2024 by NSA's experts to issue their approval or acceptance (as appropriate). These were:

- 1) Instruction on Making of Meteorological Observations, Amd. 01 Edition 05
- 2) SMS Procedure on Management of Change, Amd.01 Edition 04
- 3) Operational Procedure TWR LUKK, Edition 01
- 4) Procedure on Measurement resources, Edition 04

- 5) ERP Annex 2, Edition 03
- 6) ANSP Organization Exposition – Edition 10

LSSIP 2023 - „Moldova Local Single Sky Implementation Overview” was also elaborated, reviewed and approved by all stakeholders in March 2024.

#### V. Analyzing of ATM/ANS and airspace use related safety events

In 2024 no accidents occurred with contribution of the national ATM/ANS provider.

In the table below are presented the information related to the numbers of the ATM/ANS and airspace use safety events, reported and analyzed by ANS department since 2020. The events are classified and structured in a generic category and shown for comparison comprising years 2020, 2021, 2022, 2023 and 2024. From the data presented below it could be seen a decrease of:

- 1) deviations from published ATM procedures and regulations,
- 2) the numbers of the laser influence on aircraft departing and arriving from/to national aerodromes.

However, an increase is observed for the:

- 1) unauthorized UAS/RPAS operations,
- 2) callsign confusions,
- 3) the numbers of the “GPS lost” events reported by flight crew in FIR LUUU,
- 4) ATC fatigue scheme deviation.

Nr.	Type of occurrences	2020	2021	2022	2023	2024
1	Airspace infringement	1	5	1	15	15
2	Unauthorized UAS/RPAS operations		1	5	2	5
3	Radiocommunication loss		1			1
4	Deviation from RTF		1			
5	Deviation from published ATM procedures and regulations	2			4	2
6	Callsign confusion CSC		1	3	1	6
7	ATM/ANS operational occurrences		1			2
8	Failure of ATS communication systems		1	1	2	1
9	Failure of ATS surveillance system		2		2	
10	Failure of ATS Data Processing and Distribution system					
11	Failure of navigation systems					3
12	Laser influence		14	15	12	5
13	Separation minima infringement	1			2	
14	Deviation from ATC clearances	4	1	1	1	3
15	RWY excursions (at national aerodromes)					
16	RWY incursions (at national aerodromes)			1	3	5
17	Loss of GPS signal in FIR LUUU			22	52	94
18	ATC fatigue scheme deviation			1		8
19	STCA Alert				2	
20	Cyber attacks on ATM/ANS systems					
21	Failure of meteo equipment					2
22	Unlawful interference on aircraft					
	<b>Total</b>	<b>8</b>	<b>28</b>	<b>50</b>	<b>98</b>	<b>152</b>

All reported occurrences have been analyzed internally within ANSP’s SMS and by the ANS CAA inspectors. The details of the occurrences (reports, analyzes, records, recommendations etc.) are maintained on a CAA intranet.

#### VI. Verification and approval of Instrument Flight Procedures

In 2024, was approved the IAP ILS CAT II & III RWY08 LUKK.

## **VII. Issued derogations, deviations**

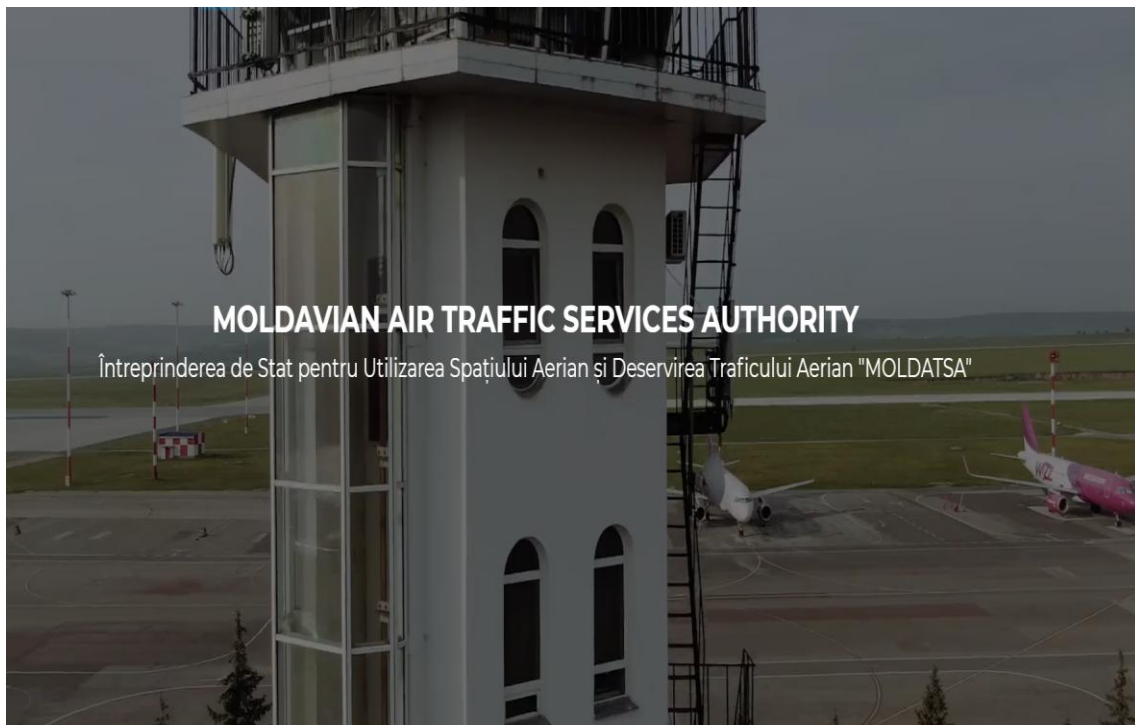
In 2024, on ATS provider's request, CAA approved 3 deviations from the provisions of CT-ATCO NCO " Technical requirements - Fatigue control of air traffic controllers"

## **VIII. Exercises, simulations, trainings**

In 2024 the ANS division inspectors attended the following trainings, workshops and working meetings:

- 1) ICAO On-line course "Introduction to National Aviation Safety Plan"
- 2) EUROCONTROL on-line WS Conformity Assessment
- 3) Workshop Eurocontrol "Management and Oversight of changes in the context of EU 2017/373"
- 4) ATM/ANS TeB -webex
- 5) ANSISG07 meeting
- 6) LSSIP for newcomers
- 7) *LSSIP 2024, kick-off event*
- 8) Crisis Management Contingency Planning and Effective Humanitarian Assistance and Disaster Response"
- 9) National Aviation Safety Plan
- 10) Support in the Transition of EU ANS/ATM Related Acquis
- 11) Workshop on SAR (Search and Rescue).

## **2. Airspace and Services Providers under the responsibility of National Supervisory Authority of the Republic of Moldova**



In 2024, the air navigation services in Republic of Moldova have been continuously provided by the – State Enterprise" MOLDATSA" (Moldavian Air Traffic Services Authority) – the certified and designated ANS provider.

“MOLDATSA” – was created in 1994 in accordance with the Government Resolution No.3 of 12 January 1994. At present time, “MOLDATSA” is an autonomous 100% State owned enterprise, operating on a self-financing basis, being administrative subordinated to the Public Property Agency, according to the Government Decision Nr. 902 from 06.11.2017.

S.E. “MOLDATSA” was certified in December 2023 (ANSP Certificate P-0004/2023) by Moldovan CAA/NSA to provide following air navigation services:

- 1) Air Traffic Services (ATS);
- 2) Aeronautical Meteorological Services (MET);
- 3) Aeronautical Information Services (AIS);
- 4) Communication, Navigation, Surveillance Services (CNS);

Beside services mentioned above, “MOLDATSA” is also approved by CAA RM to provide:

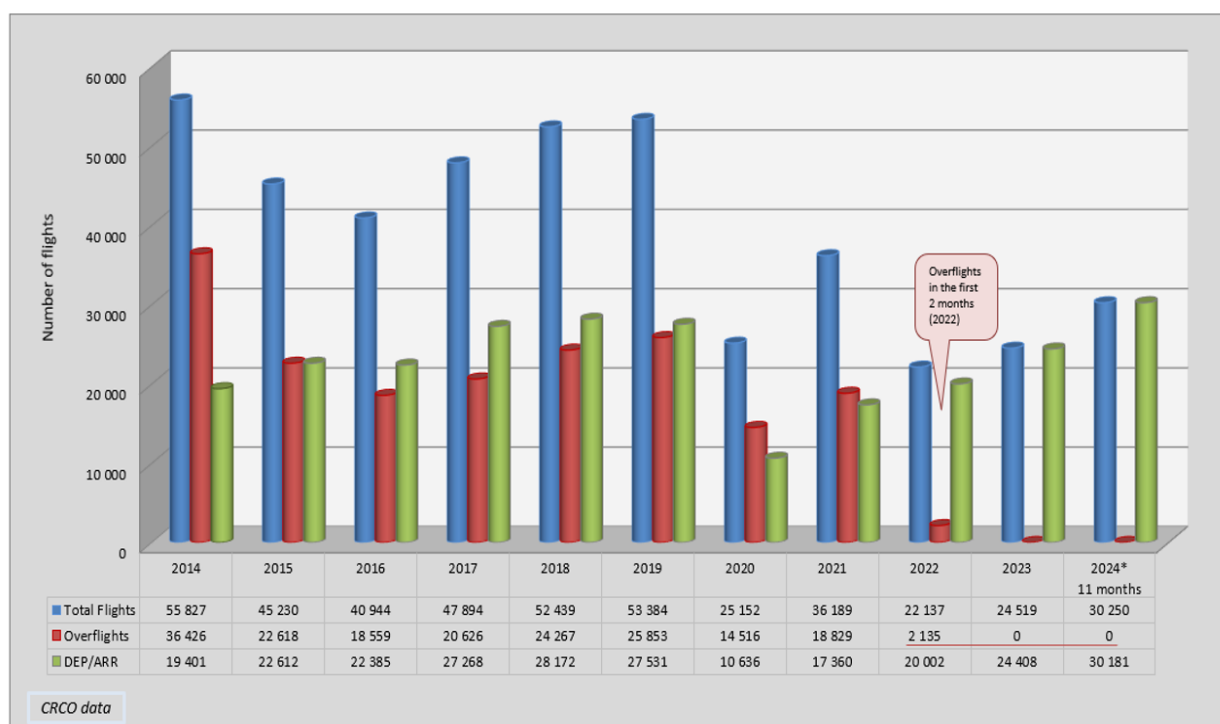
- 1) Design of the Instrument Flight Procedures,
- 2) Functions related to Air Traffic Flow Management (in collaboration with Network Manager, represented by EUROCONTROL),
- 3) ASM Level 2 and 3 (indirect designation, via specific regulation) .

Also, according to G.D. no.249/2021 is designated to ensure the functions of RCC, jointly with General Inspectorate for Emergency Situations (GIES).

All these services and functions are provided by S.E. MOLDATSA within Chisinau Flight Information Region and in respect to aerodromes located within territory of RM. No cross-border services are provided by S.E. MOLDATSA.

In December 2024 a Certificate P-0004/2023 was replaced by Certificate P-0005/2024, in order to reflect the ILS CAT III navigation services capability.

Bellow diagram reflects the traffic served by S.E. MOLDATSA in the period January – November of 2024 in comparison with previous years:



### 3. Qualified entities commissioned to conduct safety regulatory audits

No qualified entities were commissioned by Moldovan CAA to conduct safety regulatory audits during 2024.

### 4. Existing levels of resources of the NSA

At the present, NSA for ATM/ANS domain, exercises its functions with the following resources:

Nr.	CAA Department	Number of persons involved in the oversight of ATM/ANS providers
1	Air Navigation Department	5
2	Aviation Personnel licensing section	2
3	Legal, rulemaking and consumers protection department	3
4	Aviation Security department	2
5	Economic and financial management supervision department	1
<b>TOTAL</b>		<b>13</b>

### 5. Safety issues identified through the safety oversight processes

During the safety oversight inspections performed during 2024, as mentioned in Chapter 1.4, ii. above, the following results could be stated:

Safety oversight inspections performed in 2024			
Nr	Inspection's	Inspection's Criteria	Number of findings
1	Technical and operational capacity and competence. Element: ATC Fatigue management ( <b>ATS0124</b> )	RAC ANSPC 0010; CT-ATS 2.28; CT-ATCO NCO p.16-20, 22	<b>3 OBSERVATIONS</b>

2	Compliance of ATS provider with ATM/ANS.OR requirements <b>(ATS0224)</b>	ATM/ANS.OR.A.040; ATM/ANS.OR.A.045; ATM/ANS.OR.A.065; ATM/ANS.OR.A.070; ATM/ANS.OR.A.075; ATM/ANS.OR.A.080; ATM/ANS.OR.A.085; ATM/ANS.OR.A.090;	<b>NIL</b>
3	Compliance of ATFM provider with ATM/ANS.OR requirements <b>(ATFM0124)</b>	ATM/ANS.OR.A.040; ATM/ANS.OR.A.045; ATM/ANS.OR.A.065; ATM/ANS.OR.A.070; ATM/ANS.OR.A.075; ATM/ANS.OR.A.080; ATM/ANS.OR.A.085; ATM/ANS.OR.A.090;	<b>NIL</b>
4	Compliance of ASM provider with ATM/ANS.OR requirements <b>(ASM0124)</b>	ATM/ANS.OR.A.040; ATM/ANS.OR.A.045; ATM/ANS.OR.A.065; ATM/ANS.OR.A.070; ATM/ANS.OR.A.075; ATM/ANS.OR.A.080; ATM/ANS.OR.A.085; ATM/ANS.OR.A.090;	<b>1 OBSERVATION</b>
5	Compliance of ASM provider with ATM/ANS.TR requirements <b>(ASM0224)</b>	ASM.TR.100, GD 190/2021, PIAC –MUSA	<b>1 OBSERVATION</b>
6	Compliance of MET provider with ATM/ANS.OR requirements <b>(MET0124)</b>	ATM/ANS.OR.A.040; ATM/ANS.OR.A.045; ATM/ANS.OR.A.065; ATM/ANS.OR.A.070; ATM/ANS.OR.A.075; ATM/ANS.OR.A.080; ATM/ANS.OR.A.085; ATM/ANS.OR.A.090;	<b>NIL</b>
7	Compliance of AIS provider with ATM/ANS.OR requirements <b>(AIS0124)</b>	ATM/ANS.OR.A.040; ATM/ANS.OR.A.045; ATM/ANS.OR.A.065; ATM/ANS.OR.A.070; ATM/ANS.OR.A.075; ATM/ANS.OR.A.080; ATM/ANS.OR.A.085; ATM/ANS.OR.A.090;	<b>1 OBSERVATION</b>
8	Compliance of FPD provider with ATM/ANS.OR requirements <b>(FPD0124)</b>	ATM/ANS.OR.A.040; ATM/ANS.OR.A.045; ATM/ANS.OR.A.065; ATM/ANS.OR.A.070; ATM/ANS.OR.A.075; ATM/ANS.OR.A.080; ATM/ANS.OR.A.085; ATM/ANS.OR.A.090;	<b>NIL</b>
9	Compliance of CNS provider with ATM/ANS.OR requirements <b>(CNS0124)</b>	ATM/ANS.OR.A.040; ATM/ANS.OR.A.045; ATM/ANS.OR.A.065;	<b>2 OBSERVATIONS</b>

		ATM/ANS.OR.A.070; ATM/ANS.OR.A.075; ATM/ANS.OR.A.080; ATM/ANS.OR.A.085; ATM/ANS.OR.A.090;	
10	Compliance of CNS provider with CNS.OR requirements ( <b>CNS0224</b> )	CNS.OR.100	<b>NIL</b>
11	Compliance of CNS provider with CNS.TR requirements ( <b>CNS0324</b> )	CNS.TR.100	<b>1 OBSERVATION</b>
<b>Summary of findings</b>			<b>9 Observations</b>

## 6. Safety Directives

No safety directives in respect to ATM/ANS were issued by NSA during 2024.

Elaborated:

Andrei BZOVII

Acting chief of Air Navigation Division  
CAA of Republic of Moldova