

## RAMP INSPECTION PROGRAMME

### CONTESTO E REQUISITO NORMATIVO



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# RULES FOR AIR OPERATIONS EU 965/2012

## As amended by Regulation (EU) 2018/1042

### Article 3 - Oversight capabilities .....

### Article 4 - Ramp inspections

1. Ramp inspections of aircraft of operators under the safety oversight of another Member State or of a third country shall be carried out in accordance with Subpart RAMP of Annex II.
2. Member States shall ensure that alcohol testing of flight crew and cabin crew members is carried out with regard to operators under their own oversight as well as with regard to operators under the oversight of another Member State or of a third country. Such testing shall be performed by **ramp inspectors** within the framework of the ramp inspection programme of Subpart RAMP of Annex II.

## Article 4 - Ramp inspections – Continued

3. By way of derogation from paragraph 2, Member States may ensure alcohol testing of flight crew and cabin crew members to be carried out by other authorised officials and outside the framework of the ramp inspection programme of Subpart RAMP of Annex II, provided that such alcohol testing meets the same objectives and adheres to the same principles as tests carried out under the framework of Subpart RAMP of Annex II. Results of such alcohol tests shall be included in the centralised database in accordance with point (b) of ARO.RAMP.145.
4. Member States may carry out additional testing for psychoactive substances other than alcohol. In that case, the Member State shall notify the European Aviation Safety Agency ('the Agency') and the Commission.

# IMPLEMENTING RULES (IR) (COMMISSION REGULATIONS)

## Rules for Air Operations EU 965/2012

Annex I (Definitions)

Annex II (Part-ARO) Authority Requirements

Annex III (Part-ORO) Operator Requirements

Annex IV (Part-CAT) Commercial Air Transp.

Annex V (Part-SPA) Specific Approval

Annex VI (Part-NCC) Non-commercial complex

Annex VII (Part-NCO) Non-commercial OPS

Annex VIII (Part-SPO) Specialised Operations

# RULES FOR AIR OPERATIONS EU 965/2012

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## PART ARO - SUBPART RAMP

<https://www.easa.europa.eu/en/domains/air-operations/ramp-inspection-programmes-safa-saca>

## EASA Ramp Inspection Manual (RIM)

## RIM Appendix 1 - Inspection instructions and PDFs (PRE-DESCRIBED FINDINGS)

- 1. Unique Ramp Inspection Manual and Procedures**
- 2. Standardised Inspectors Qualification**
- 3. Requirements Pre Described Findings**
- 4. Centralised DATABASE - EASA Dashboard**

## Brazil joins European Ramp Inspection Programme

*EASA and ANAC sign Working Arrangement*

 17 May 2022

The European Union Aviation Safety Agency (EASA) and the Brazilian Aviation Authority (Agência Nacional de Aviação Civil - ANAC) signed a Working Arrangement on the collection and exchange of information on the safety of aircraft and the compliance with international safety standards under the [EU Ramp Inspection Programme](#).

The EU Ramp Inspection Programme facilitates the



 [Related Content](#)

**Brazil is the 51st State to join the programme.....**



# EASA - NON-EU STATES WORKING ARRANGEMENT

After acceptance of EASA as “Standardisation Audits”

They are allowed to use EASA RI procedures

And access EASA centralised database (SAFA Dashboard)

- Participating States
- Guest States

# SYSTEM WIDE COORDINATION (SWC)

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## Planning at EASA level:

### Layer 1

target assigned per operator per Participating State in order to achieve: fair distribution and resources optimization.

### Layer 2

minimum global target assigned

# RATIO

$$\text{RATIO} = (0,25 * \text{Fcat.1} + 1 * \text{Fcat.2} + 2 * \text{Fcat.3}) / I$$

Fcat.1: number of category 1 (minor) findings

Fcat.2: number of category 2 (significant) findings

Fcat.3: number of category 3 (major) findings

I: number of inspections

**Individual ratio** = for each specific aircraft inspected (identified by it's registration)

**Operator ratio** = average of individual ratios

**State ratio** = average of individual State Registered aircraft's ratios

# IN-DEPTH EXPERT ANALYSIS

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**Class 3a:** restriction on the aircraft operation

**Class 3b:** Corrective actions are required before further flight is authorised

**Class 3c:** Aircraft is grounded If the category 3 (major) findings are “**not accepted**” by the Captain and no corrective action before flight is foreseen

**Class 3d action:** Suspension or revocation of the entry permission

# FINDINGS

ACTIONS TO BE TAKEN AFTER INSPECTIONS		Class of actions		
		Class 1 Information to Captain (POI)	Class 2 Information to the operator and the responsible NAA	Class 3 Immediate action
Category of findings	<b>General remark</b> Any observation from the inspector not classified as safety relevant	Yes	Not applicable	Not applicable
	<b>CAT 1 - Minor:</b> any detected non-compliance with the applicable requirements or the terms a certificate that has a minor influence on safety	Yes	<b>Possible</b> Debriefing and notification through the ramp inspection tool without further communication	Not applicable
	<b>CAT 2 - Significant:</b> any detected non-compliance with the applicable requirements or the terms of a certificate that has a significant influence on safety	Yes	<b>Yes</b> Normal communication through the ramp inspection tool for follow-up actions  Note: Written communication to the operator and to the NAA (findings of several inspections may be summarised in one communication). This should only be used if the inspection NAA have a national requirement for this	Not applicable
	<b>CAT 3 - Major:</b> any detected significant non-compliance with the applicable requirements or the terms of a certificate that has a major influence on safety	Yes	<b>Yes</b> All communication are normally to be uploaded in the inspection tool for follow-up transparency. In case of aircraft damage affecting airworthiness and not possible to be rectified before flight, the operator should establish a direct communication with the responsible NAA regarding return to flight status (e.g. "permit to fly").	<b>Yes</b> Note: the specific actions consisting of operational restrictions, corrective actions before flight or at maintenance-base, grounding and/or entry permit repercussions have to be reported.

# PROOF OF INSPECTION

## Flight deck, operational, docs and Crew related Items

A	Flight deck		
1	General condition		
2	Emergency exit		
3	Equipment		
4	Manuals		
5	Checklists		
6	Navigation / instrument charts		
7	Minimum Equipment List		
8	Certificate of Registration		
9	Noise certificate (where applicable)		
10	A.O.C. or equivalent		
11	Radio licence		
12	Certificate of Airworthiness		

13	Flight preparation		
14	Mass and Balance calculation		
15	Hand fire extinguishers		
16	Life jackets / flotation device		
17	Harness		
18	Oxygen equipment		
19	Independent portable light		
20	Flight Crew licence		
21	Journey Logbook or equivalent		
22	Maintenance release		
23	Defect notification and rectification		
24	Pre-flight inspection		

# PROOF OF INSPECTION

## Passenger Cabin related Items

B	Cabin safety		
1	General internal condition		
2	Cabin crew station and crew rest area		
3	First aid kit / emergency medical kit		
4	Hand fire extinguishers		
5	Life jackets / flotation devices		
6	Seat belts and seat condition		
7	Emerg. exit, lighting and marking, i.p.l		
8	Slides / life-rafts / ELT		
9	Oxygen supply (cabin crew and pax.)		
10	Safety Instructions		
11	Cabin crew members		
12	Access to emergency exits		
13	Stowage of passenger baggage		
14	Seat capacity		

# PROOF OF INSPECTION

## Aircraft External conditions related Items

C	Aircraft condition		
1	General external condition		
2	Doors and hatches		
3	Flight controls		
4	Wheels, tyres and brakes		
5	Undercarriage (skids/floats)		
6	Wheel well		
7	Powerplant and pylon		
8	Fan blades, Propellers, Rotors		
9	Obvious repairs		
10	Obvious unrepaired damage		
11	Leakage		



# PROOF OF INSPECTION

- Cargo Compartment, Cargo and Dangerous Goods Items
- General Items collects all Item not included in A, B, C, D items e.g. Alcohol Test.

<b>D</b>	<b>Cargo</b>		
1	General condition of cargo compartment		
2	Dangerous goods		
3	Cargo stowage		
<b>E</b>	<b>General</b>		
1	General		



## FOLLOW-UP PROCESS

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- Performed by the ramp inspection tool that also sends notifications
- The corrective action shall include evidences and root cause analysis
- As soon as the Inspecting Authority is satisfied with the information uploaded the findings are closed.
- **NO RESPONSE:** after reminder(s), the Inspecting Authority may close the findings with "NO-RESPONSE".

## SAFETY REPORTS

- In order to share Safety related informations, **SAFETY REPORTS** can be failed in the Ramp Inspection Tool.
- Once approved the SR becomes immediately visible to all Participating States.



# IN-DEPTH EXPERT ANALYSIS

	IDEA 37 (18m.) 17/02/2020 - 16/08/2021	IDEA 38 (18m.) 17/08/2020 - 16/02/2022
Inspections	8,784	11,760
Aircraft Registrations	5,564	6,805
Operators	1,274	1,293
States	145	138
Average SAFA Ratio	0.52	0.50

# PRIORITY LIST

## PRIORITY LIST

List of operators and aircraft for the prioritisation of  
ramp inspections and alcohol tests

Date of applicability: from 03 June 2022

**CONFIDENTIAL**

The lists hereunder are being distributed subject to the relevant confidentiality provisions of:

- ARO.RAMP.160 – Authority Requirements for Air Operations, Part-ARO Subpart Ramp (Annex II to Commission Regulation (EU) No 965/2012 of 5 October 2012<sup>1</sup>), and

IDEA MEETING EASA

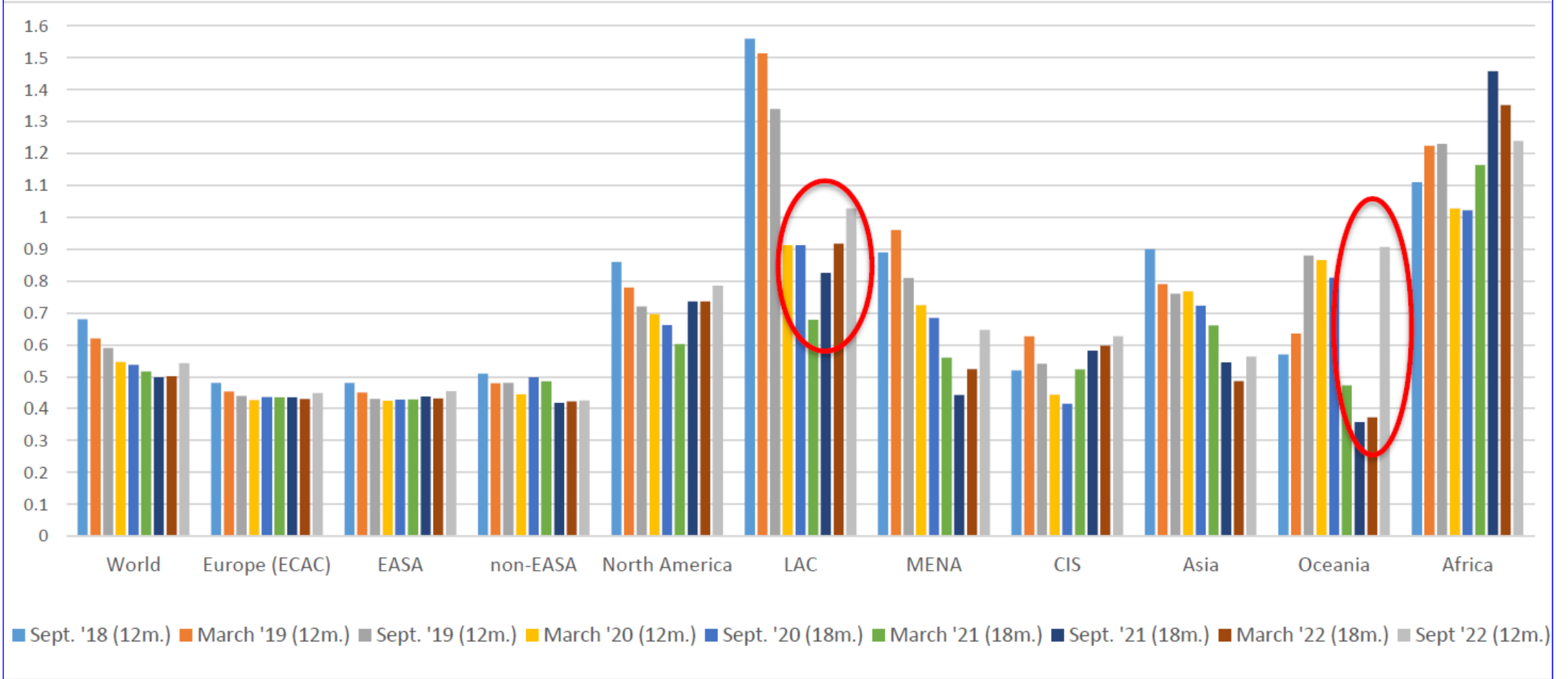
twice/year



## The Air Safety Committee - (ASC)

- Representatives of all EU Member States + EASA
- Amendments of EU Safety List (Black List)
- Regulation (EC) No 2111/2005 'Air Safety List Regulation'
- twice/year by EC (DG MOVE), assisted by EU Air Safety Committee

## Overall and Regional Indicators





# MAIN AREAS OF CONCERNS –CHECK LIST ITEMS

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A04 Manuals

A05 Checklists

A06 Radio navigation/instrument charts

A07 Minimum Equipment List

A13 Flight Preparation

A14 Mass and balance calculation

A23 Defect notification and rectification (incl. Tech Log)".

# MAIN AREAS OF CONCERNS –CHECK LIST ITEMS

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B01 General internal condition

B03 First Aid Kit

B07 Emergency exit, lighting and marking

B10 Safety Instructions

B13 Stowage of passenger baggage

C01 General external condition

C02 Doors and hatches

D01 General condition of cargo compartment

D02 Dangerous Goods

D03 Secure stowage of cargo on board



**Grazie per  
l'attenzione**