



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra
Swiss Confederation

Bundesamt für Zivilluftfahrt BAZL
Office fédéral de l'aviation civile OFAC
Ufficio federale dell'aviazione civile UFAC
Federal Office of Civil Aviation FOCA



WELCOME SASOC 2022

SBFL



SASOC 2022



- ➔ SBFL Übersicht
- ➔ Rückblick Aufsicht 2021
- ➔ Incident Review
- ➔ Änderung in der Aufsicht
- ➔ Proposed Revision Amendment (PRA) Form und Compliance List
- ➔ Referenz Dokumente





SBFL Personal



A and B refers to Aeroplane performance class



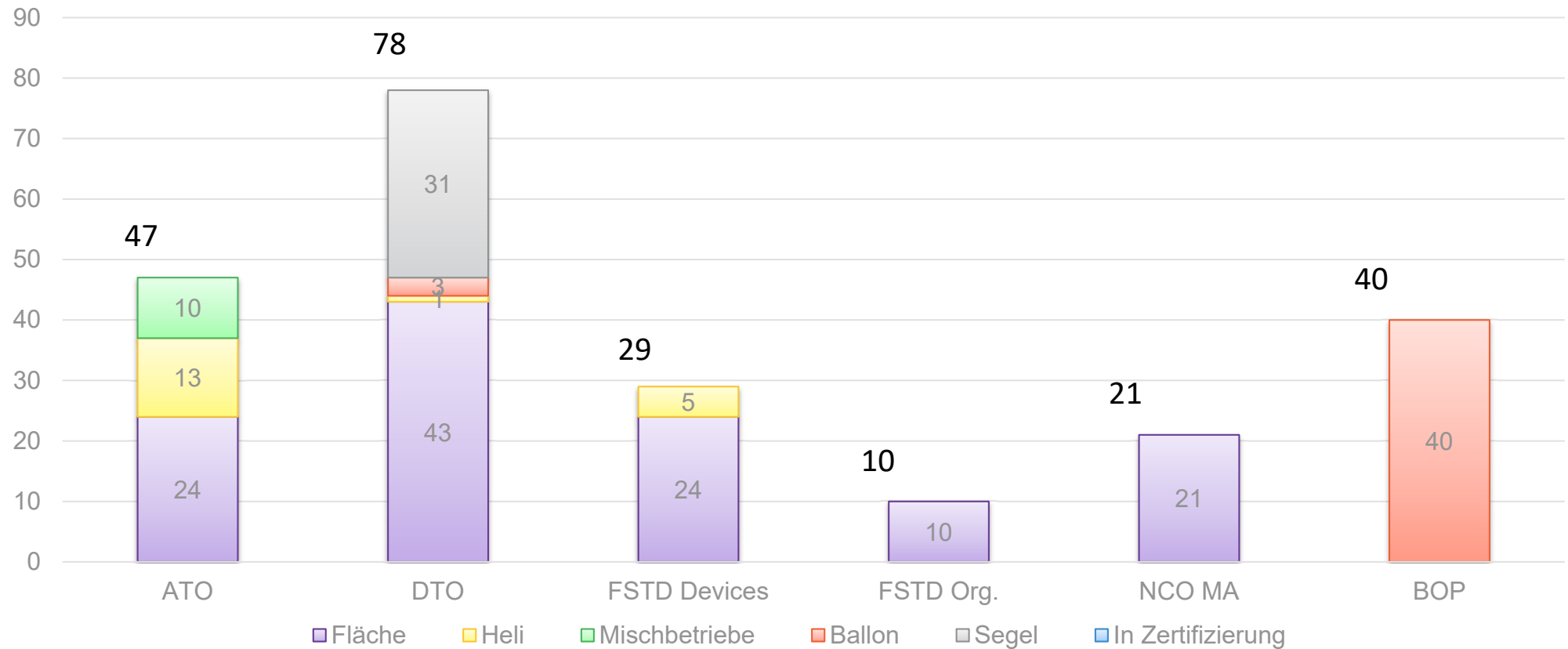
- 1 Head of Section (100%)
- 1 Deputy Head of Section, Senior Flight Operations Inspector A (100%)
- 1 Flight Operations Inspector A (100%)
- 1 Senior Flight Operations Inspectors B (100%)
- 3 Flight Operations Inspectors B (280%)
- 2 Flight Operations Inspectors H (200%)
- 3 FSTD Inspectors (300%)
- 3 Ground Inspector (230%)
- *Trainee*



➔ Total: 15 Personen - FTE: **13.1** davon **FOI: 7.8**



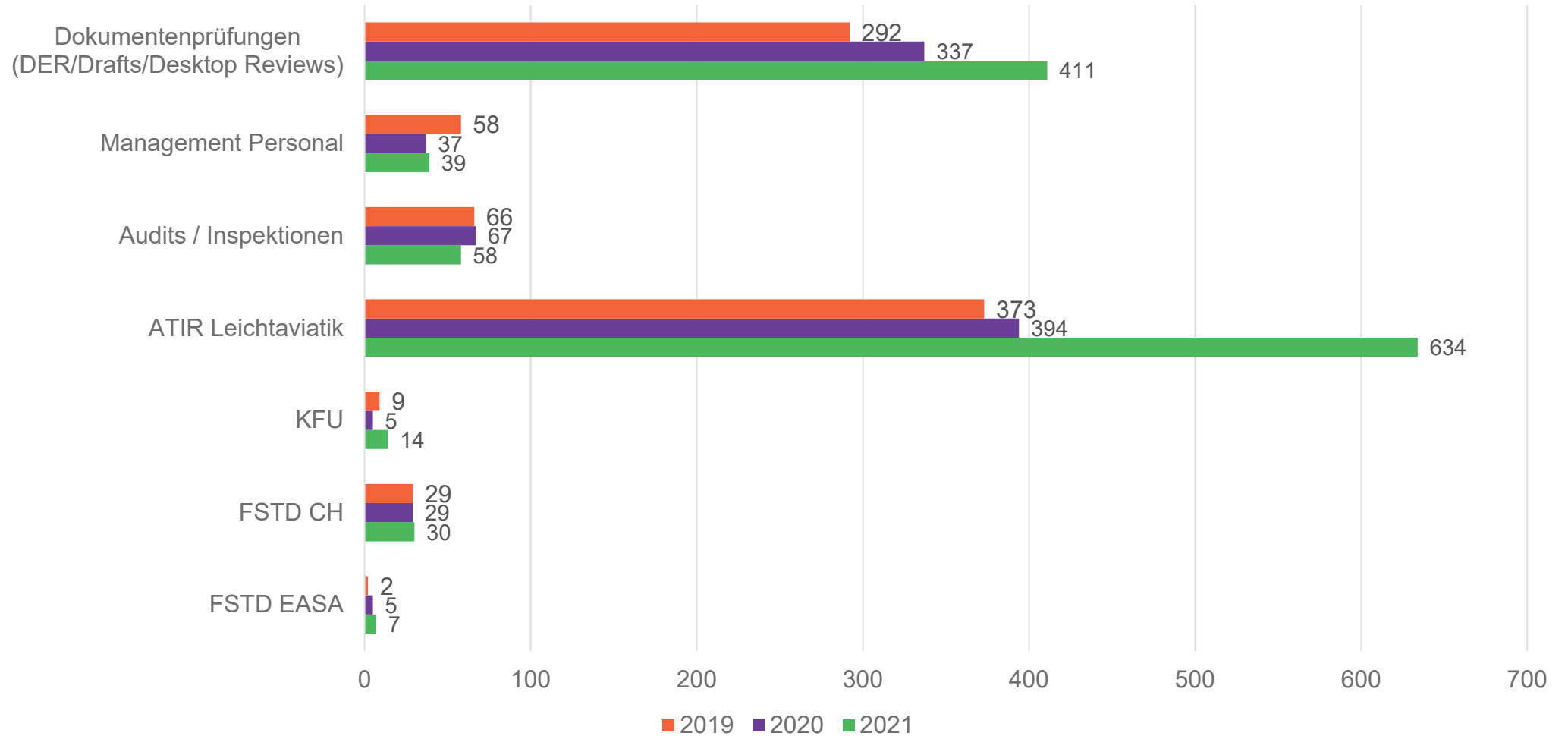
Organisationen & FSTD bei SBFL



- ➔ Total 226 Zertifikate und Deklarationen
- ➔ 535 Training course syllabi in ATOs und 405 in DTO



Rückblick Aufsicht 2021

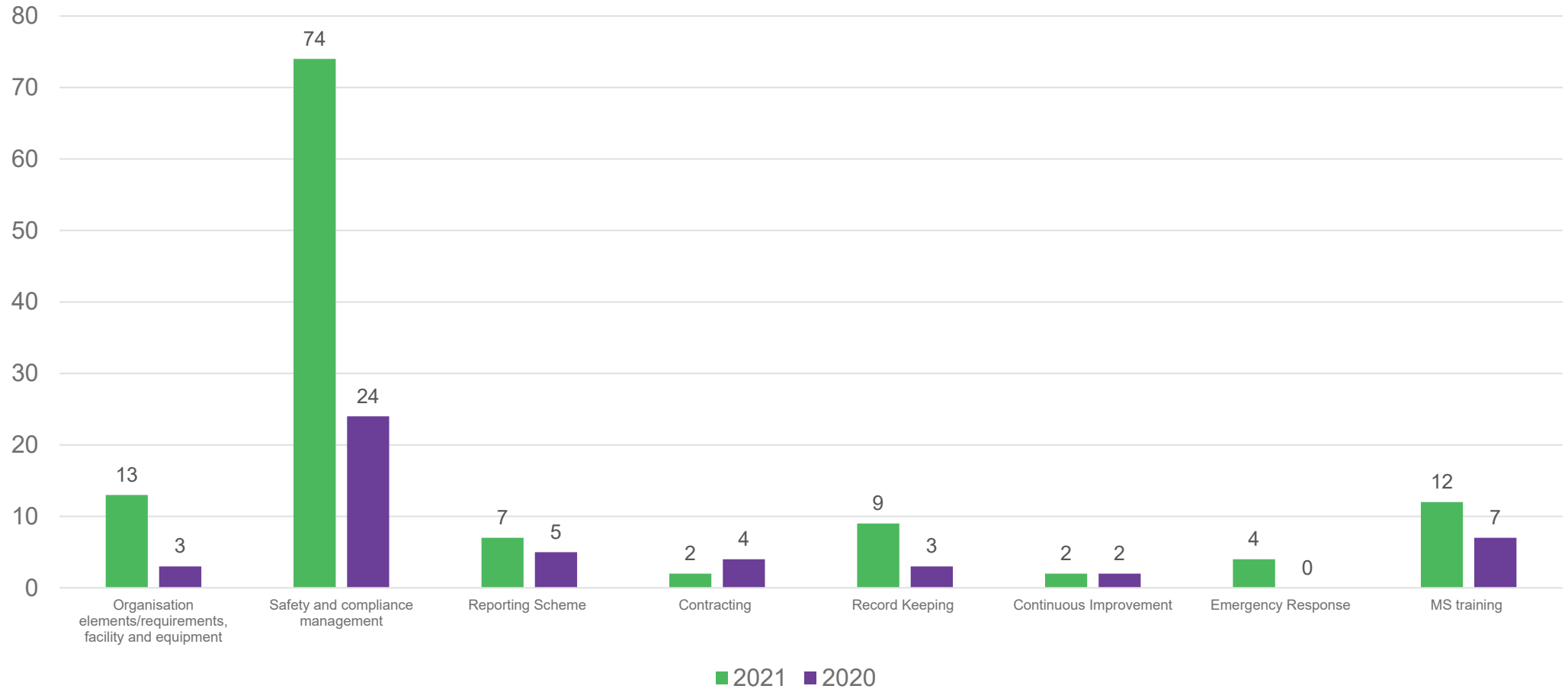




Rückblick 2021



Management System (MS), Anzahl und Typ Finding / Observation

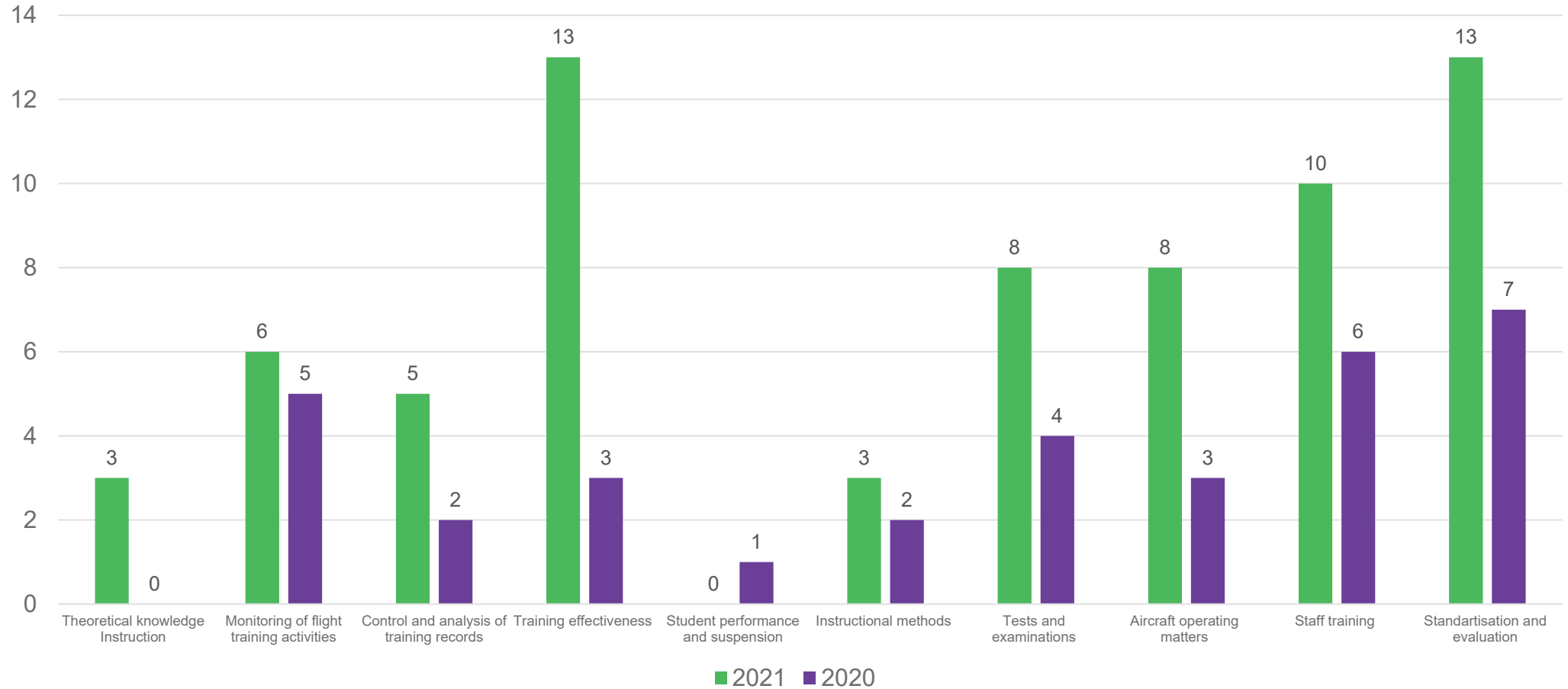




Rückblick 2021

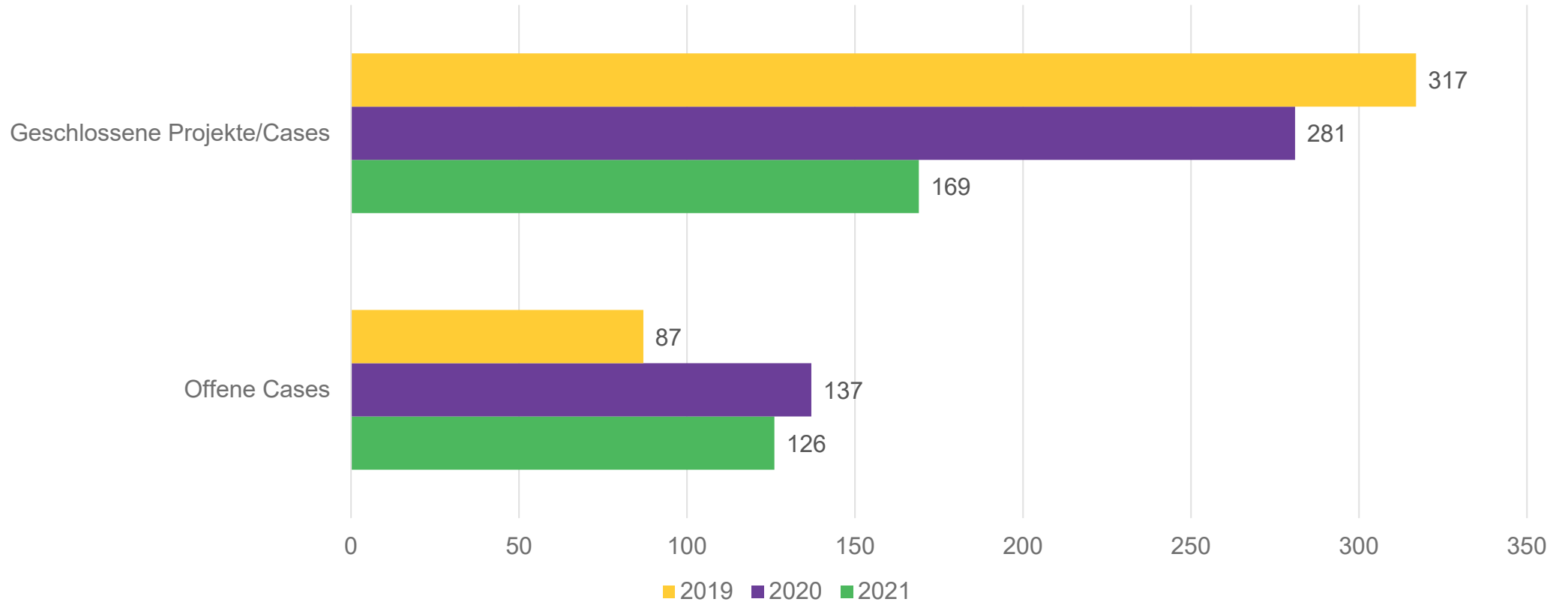


Training Activity (TA), Anzahl und Typ Finding / Observation





Gesamtübersicht offene Projekte

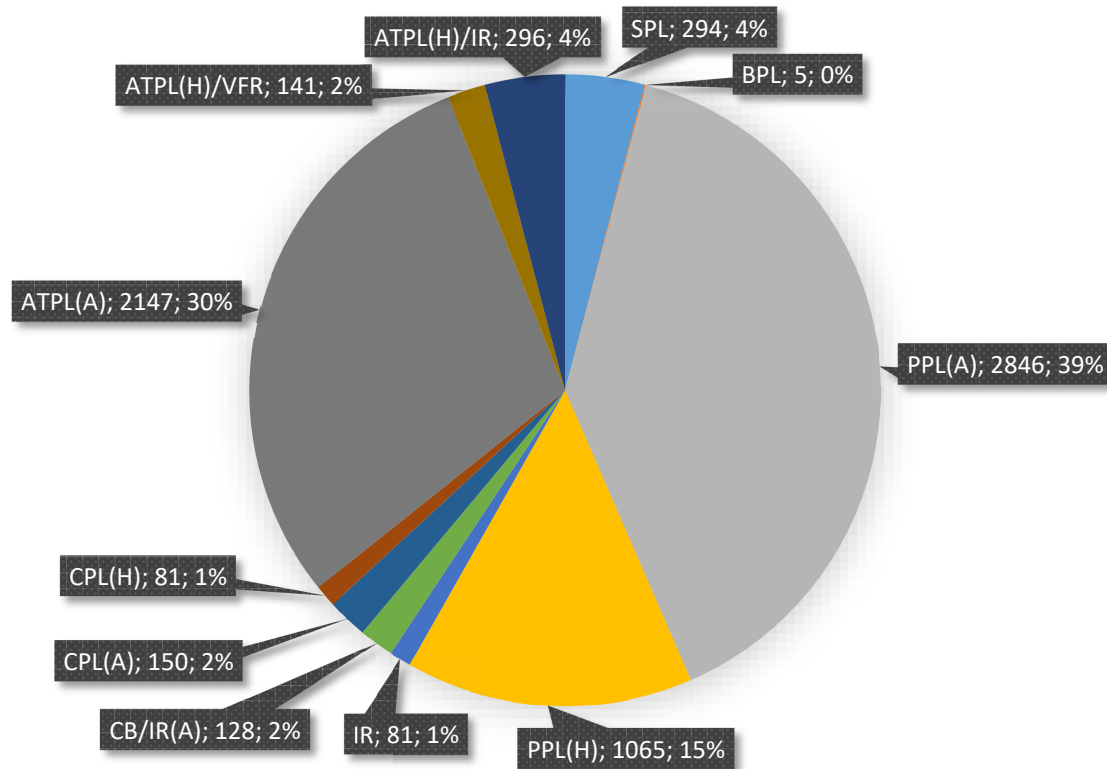




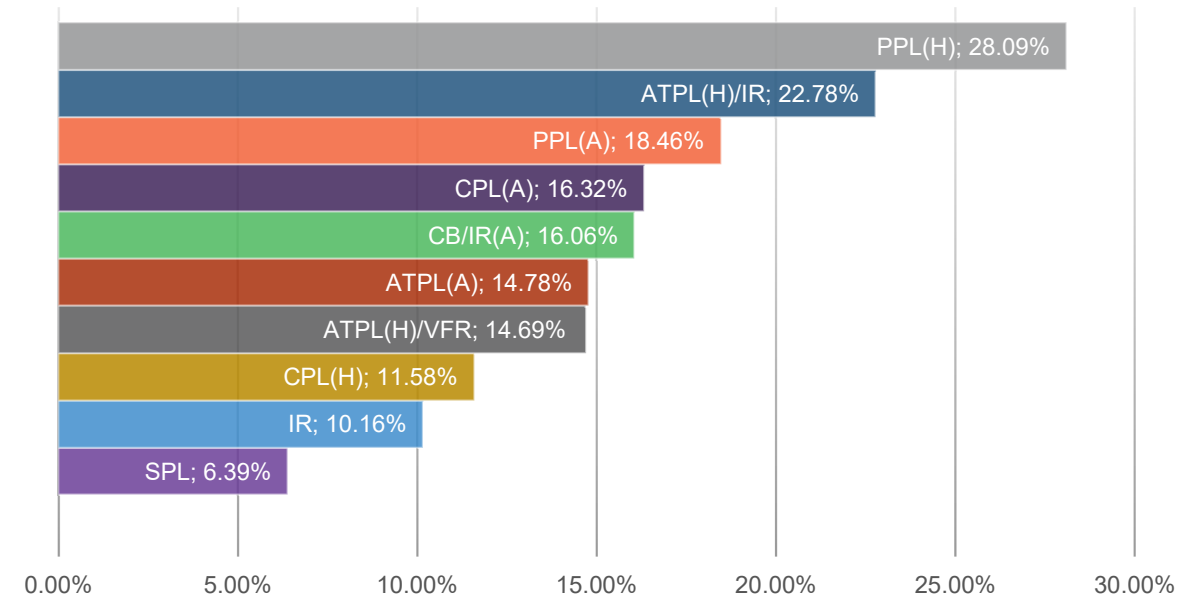
BAZL Theorieprüfungen



➔ Anzahl Prüfungen ATOs 2021



➔ Durchfallquote nach Lizenzen 2021

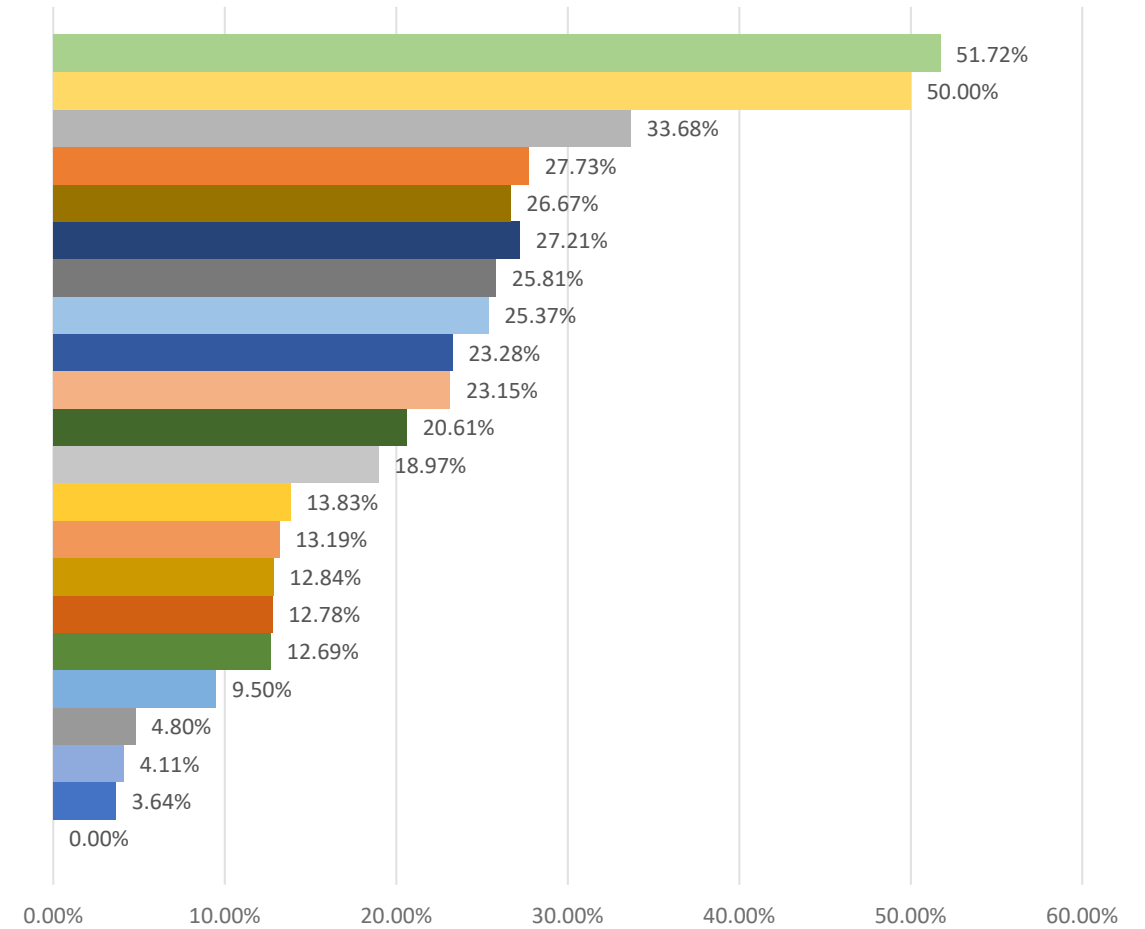
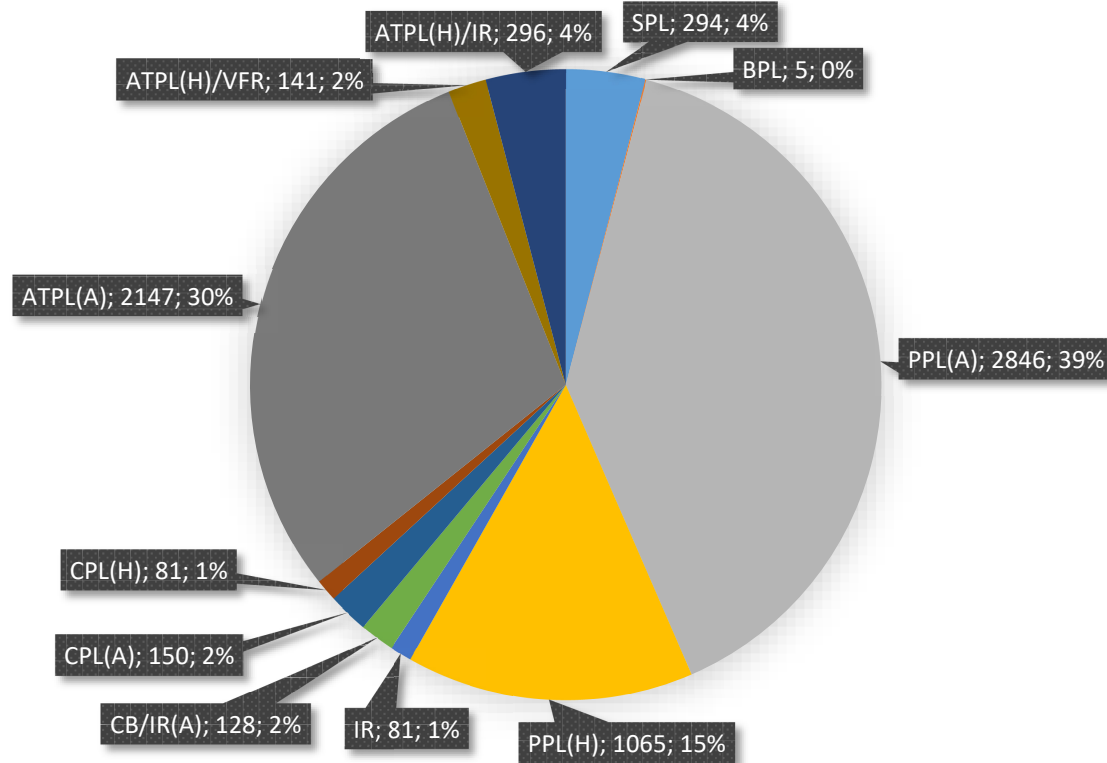




Durchfallquoten nach Flugschulen ATO



➔ Anzahl Prüfungen ATOs 2021





Incident Review - Überblick



» Welche Vorfälle werden behandelt?

- ▶ Schwerwiegende Vorfälle;
- ▶ Unklare Vorfälle (Mangelhafte Informationsgrundlage, Unsicherheiten).

» Was wird bei der Besprechung thematisiert?

- ▶ Mögliche Einflüsse meteorologischer, technischer, menschlicher / kommunikativer Natur.

» Wie wird eine Entscheidung gefällt?

- ▶ Immer im Sinne der Flugsicherheit;
- ▶ Prüfschema (im Austausch mit SBSS und SAFOF).

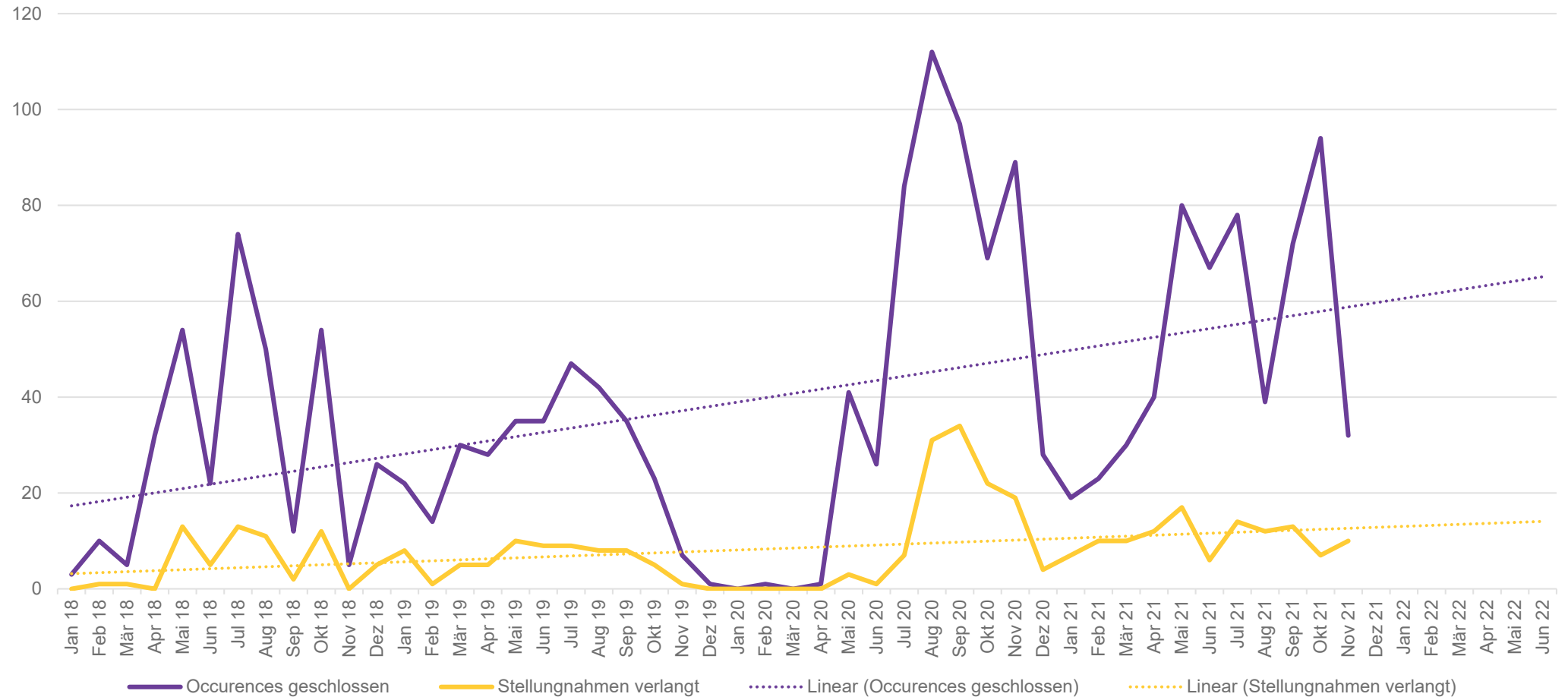




Fallstatistiken – Übersicht



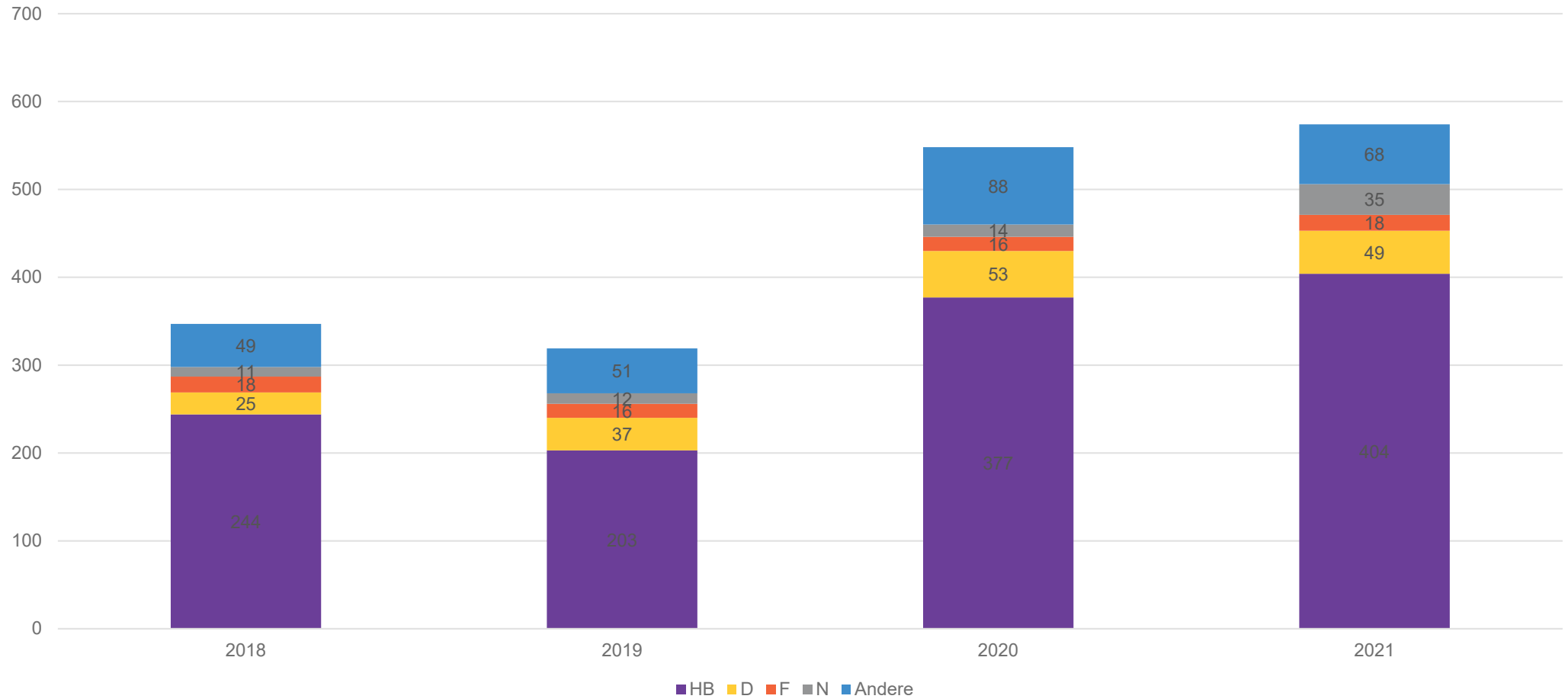
Anzahl Occurrences & Stellungnahmen 2018 bis 2021





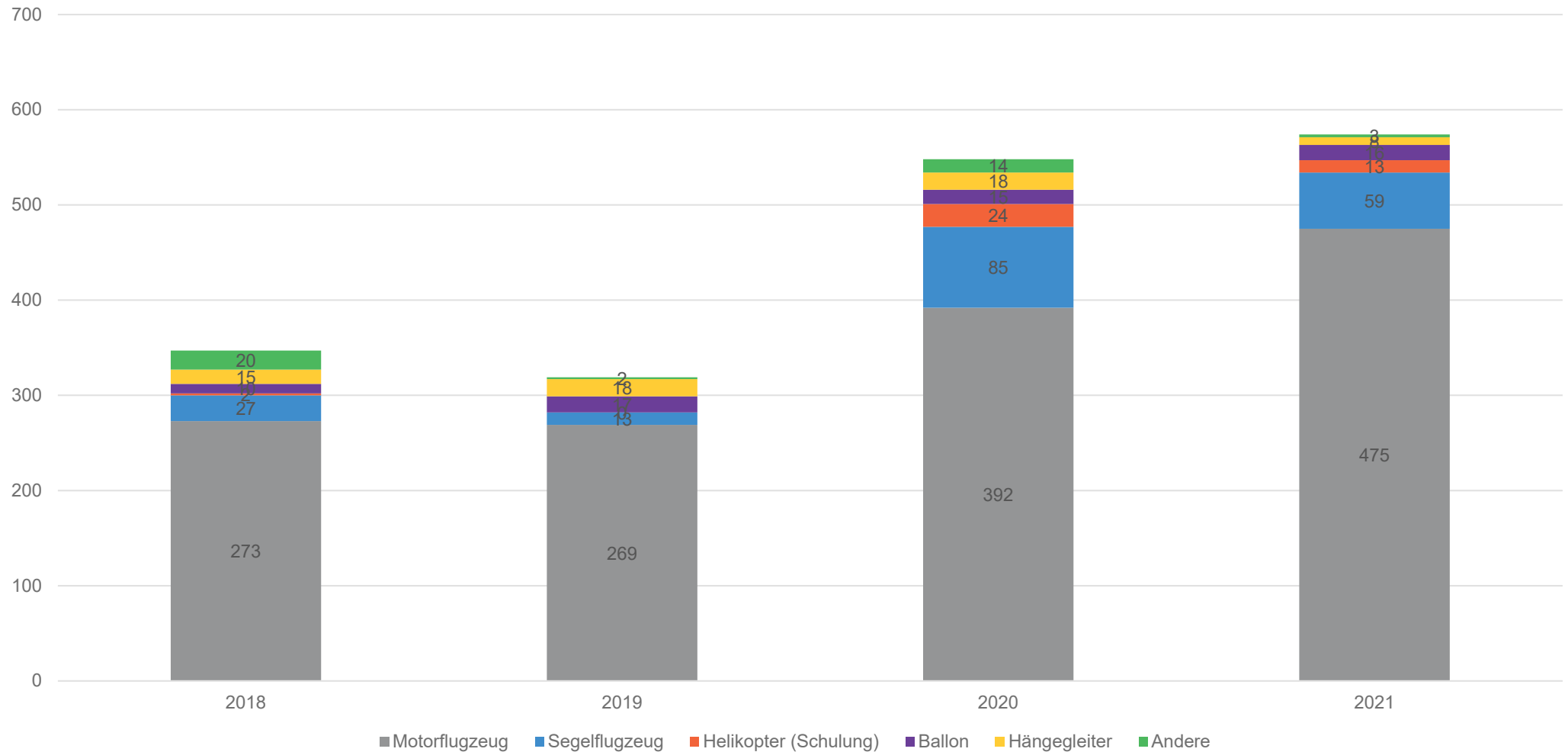
Fallstatistiken nach Registration

Anzahl Occurrences nach Registration 2018 bis 2021



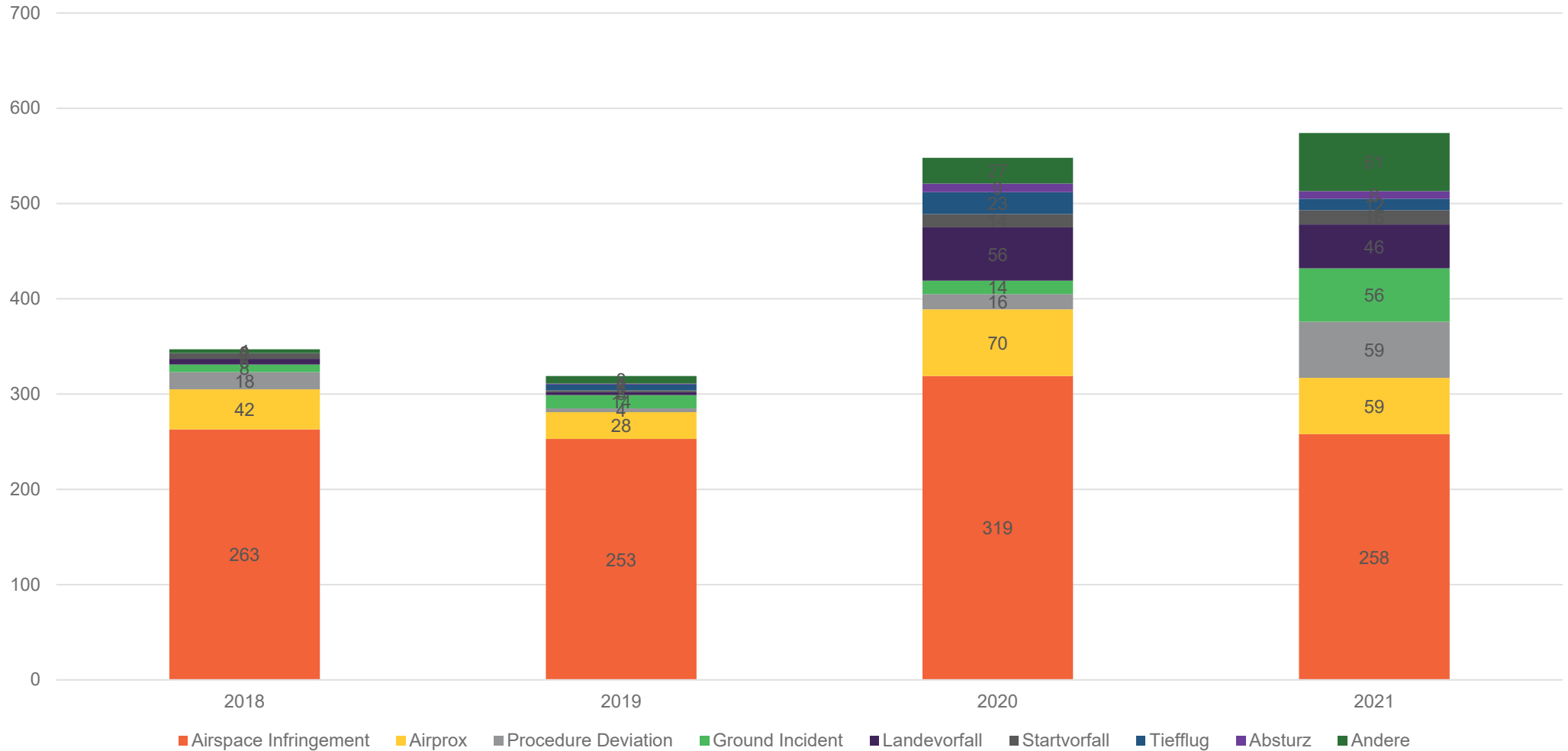


Fallstatistiken nach Kategorie



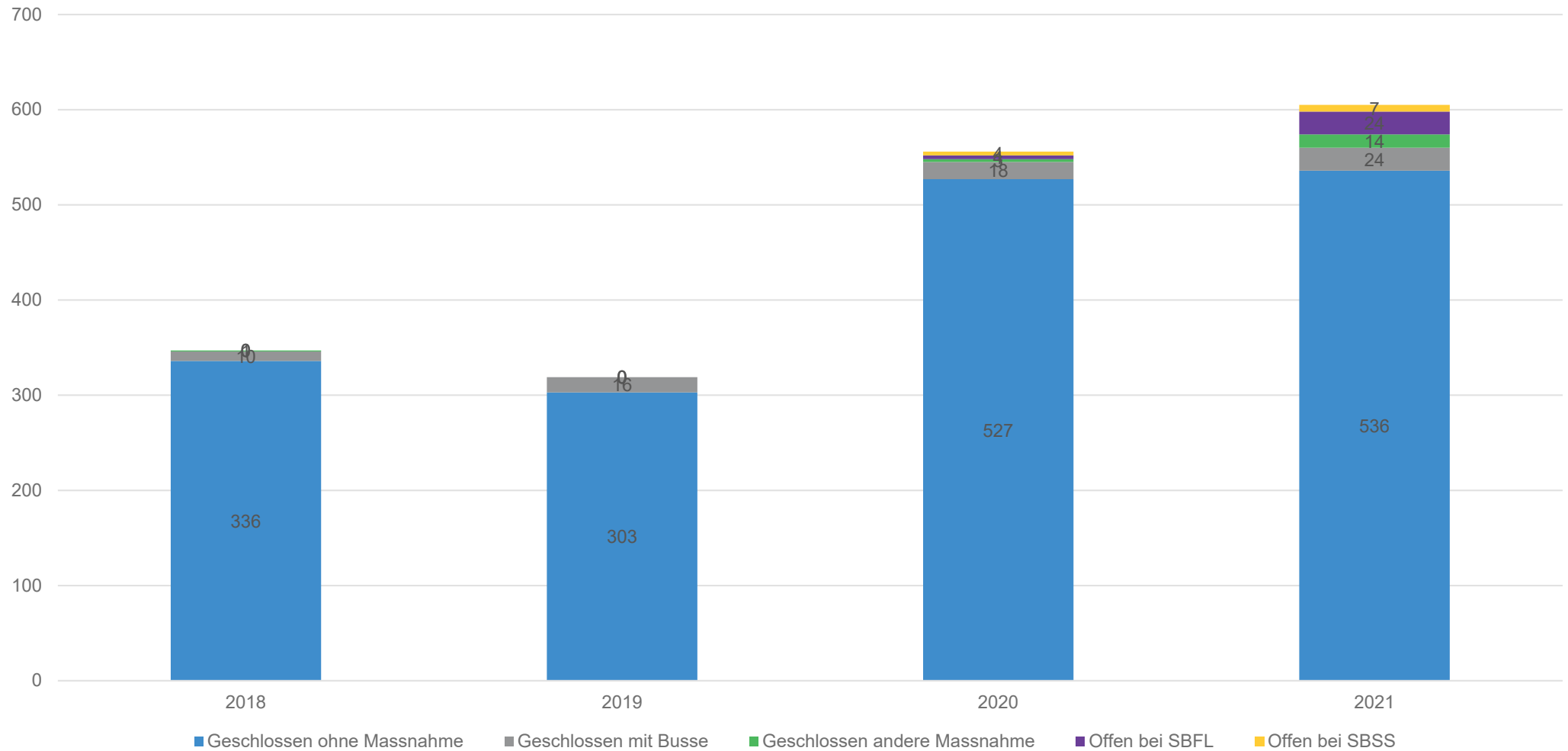


Fallstatistiken nach Kategorieart





Fallstatistiken nach Massnahmen





Fallstatistiken Fazit



Fokus liegt auf Vorfälle $\geq$ MAJOR



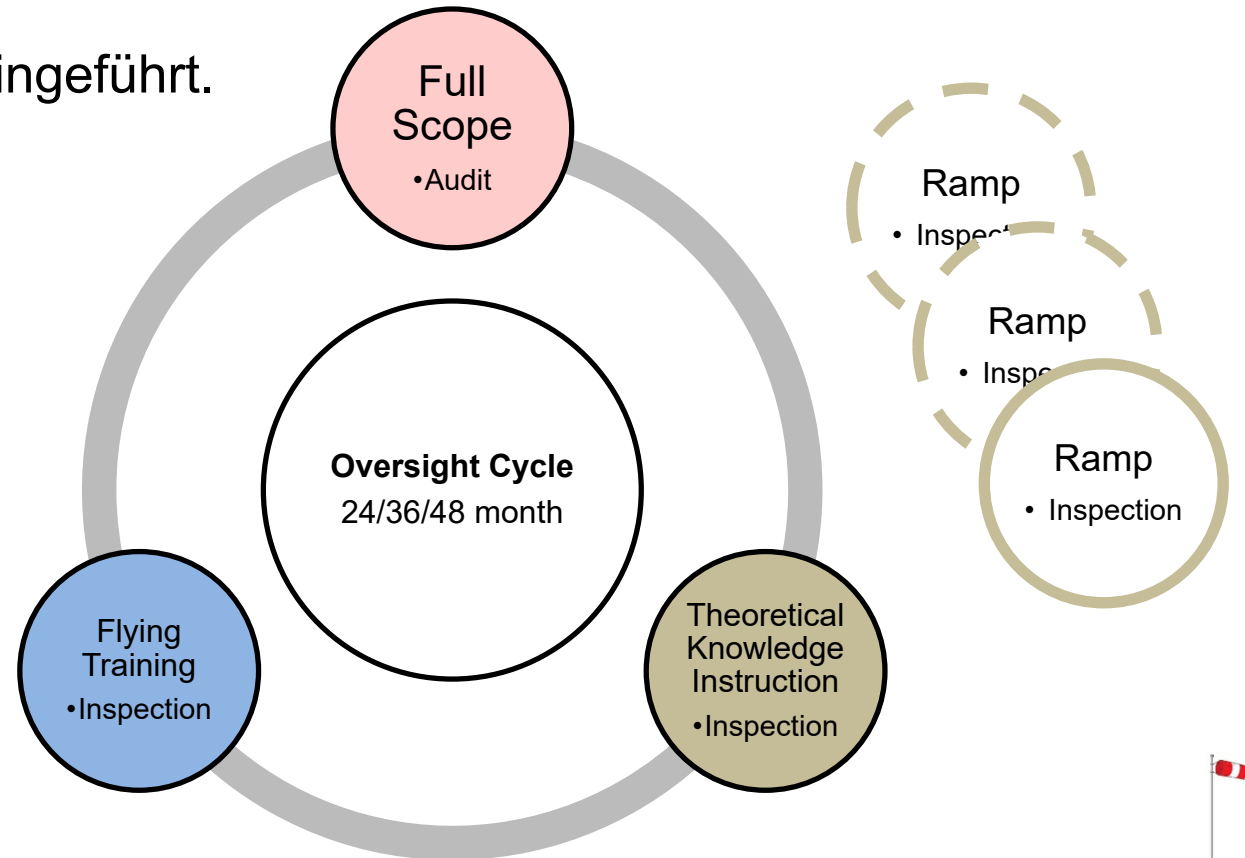
Durchschnitt von 2018 bis 2021

- Nach Registrationsland ca. 70% HB-Luftfahrzeuge
 - 2021: 70%
- Nach Luftfahrzeugkategorie ca. 80% Motorflugzeuge
 - 2021: 83%
- Nach Kategorieart ca. 80% Airspace Infring. & Airprox
 - 2021: 62%
- Nach Massnahmen ca. 95% ohne Massnahmen geschl.
 - 2021: 89%



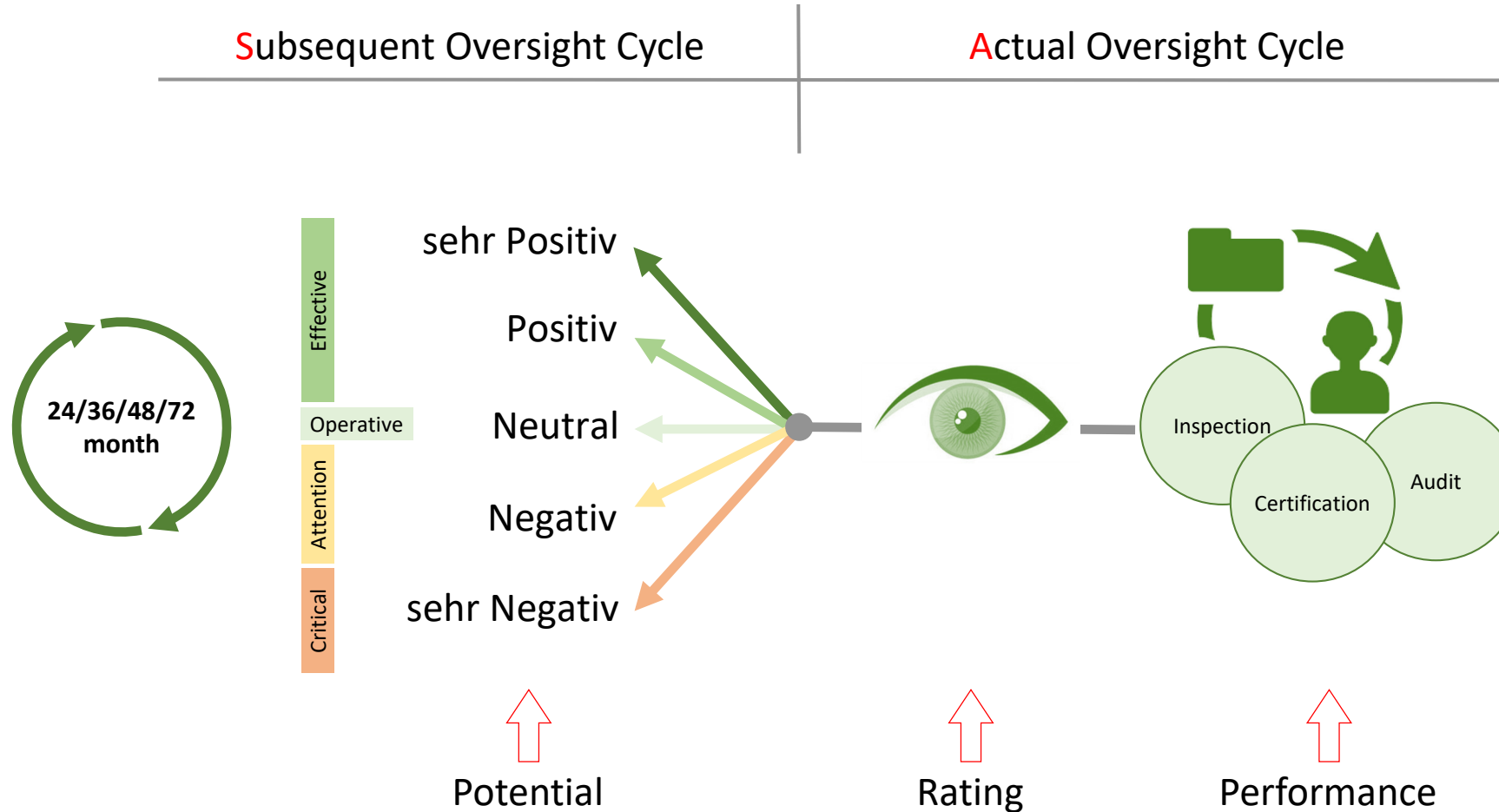
Surveillance Activities

- » Neu wird ein Audit, anstelle zwei Audits innerhalb eines Aufsichtszyklus durchgeführt sowie zwei Inspektionen und zusätzlichen Ramp-Inspektionen;
- » Diese Änderung wird graduell eingeführt.





PASSO Oversight Cycle



💡 ➔ **PASSO** = Performance Assessment Organisations



ARA.GEN.330 Changes-organisations



Project/Case No. 2021-00123		
PM: mam	FOI: mam	AWI: -
Date in: dd.mm.yyyy		
FOCA has:		
	assessed the information provided in the submission and verified for compliance with the applicable requirement	
	verified the operator's / organisation's compliance with the applicable requirements, approves the elements requiring prior approval and has fixed the following:	
Effective Date	dd.mm.yyyy	
Date	dd.mm.yyyy	
3 lettercode	mam	
Signature		

- a) Upon receiving an application for a change that requires **prior approval**, the competent authority shall **verify the organisation's compliance with the applicable requirements** before issuing the approval.
- ...
- When satisfied that the organisation is in compliance with the applicable requirements, the competent authority shall approve the change.
- b) For changes **not requiring prior approval**, the competent authority **shall assess the information** provided in the notification sent by the organisation in accordance with ORA.GEN.130 **to verify compliance** with the **applicable requirements**. In case of any non-compliance, the competent authority shall:
- (1) notify the organisation about the non-compliance and request further (1) changes; and
 - (2) in case of level 1 or level 2 findings, act in accordance with ARA.GEN.350.
- d) ...



Same wording is used for initial certification according ARA.GEN.310



Proposed Revision Amendment Form Structure



Schweizerische Eidgenossenschaft
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Confederazione Svizzera
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Swiss Confederation

Document Reference	SBFL Forms
Issue Date 04.02.2020	Registration No. 311.120.1
Revision No. 14.4	Prepared by SBFL
	Released by SBFL / bid
	Distribution FOCA, public, www

Federal Department of the
Environment, Transport, Energy and Communications DETEC

Federal Office of Civil Aviation FOCA
Safety Division - Flight Operations

Federal Office of Civil Aviation FOCA
Safety Division - Flight Operations
3003 Bern

Proposed Revision / Amendment (PRA)

☒ ATO: Manuals based on EU 1178/2011 as amended

[Print Form](#)

[Reset Form](#)

Applicant Name	Flugschule Hans Muster	Certificate No.	CH.ATO.0123	Project/Case No.	2021-00123
Contact person	Hans Muster	Office phone	012 345 67 89	PM:	mam
Function	Head of Training	Mobile phone	079 123 45 67	FOI:	mam
Company address	Beispielweg 3, 4321 St. Sample			AWI:	-
e-mail	hansmuster@email.com			Date in:	dd.mm.yyyy

Document	TRI Training Course Syllabus	New Issue	ISS01 / REV0
		Kind of change	Change ident
Reason	change of scope of activity	Proposed effective date*	dd.mm.yyyy
Type	The revision / amendment does contain any element requiring prior approval by FOCA.		
Additional information		Form of submission	filetransfer service

We confirm to be compliant with the terms and conditions of: - Regulation (EU) 2018/1139 as amended on common rules in the field of civil aviation, its implementing rules and applicable amendments concerning technical requirements and administrative procedures including ICAO Standards and Procedures as well as National Rules and Regulations. (EC) No 376/2014 of the European Parliament and of the Council of 03 April 2014 on the reporting, analysis and follow-up of occurrences in civil aviation.	Date	dd.mm.yyyy
	Signature	

FOCA has:	
☐ assessed the information provided in the submission and verified for compliance with the applicable requirement	
☐ verified the operator's / organisation's compliance with the applicable requirements, approves the elements requiring prior approval and has fixed the following:	
Effective Date	dd.mm.yyyy
Date	dd.mm.yyyy
3 lettercode	mam
Signature	
Type of signature organisation	
☒ digital signature (click on signature field to sign)	
☐ electronic signature (click on signature field to insert image)	

*Note: For elements requiring prior approval, the effective date of the amendment/revision will be fixed by the FOCA in consultation with the organisation, who shall state the proposed effective date only; For changes not requiring prior approval, the organisation shall state the effective date as applicable in the field "Effective Date" contained in the grey box to the right



PRA Form Structure



FOCA - Proposed Revision / Amendment - PRA

List of Change(s)

	Reference e.g. ORO.FC.105	Prior approval	Finding No (if applicable) Audit & Inspection Report number	Document Document, part and chapter e.g. OM A, chapter 4.2	Reason and Highlight of Revision / Amendment Describe reason and highlight of change e.g. "Rules applicable to the designation of the commander changed"
X	ORA.ATO.225	☒ yes ☐ no		Chapter 1/3/4	New Issue - Implementation of TRI Training
X	ORA.ATO.130/230	☐ yes ☒ no		Syllabus	
X	FCL.900	☐ yes ☒ no		Chapter 2.3	
X	FCL.915	☐ yes ☒ no		Chapter 2.3 / 2.5	
X	FCL.920	☐ yes ☒ no		Chapter 2.2.1 / 4	
X	FCL.910.TRI	☐ yes ☒ no		Chapter 2.2.1 / 2.5	
X	FCL.915.TRI	☐ yes ☒ no		Chapter 2.3 / 2.5	
X	FCL.930.TRI	☒ yes ☐ no		Chapter 3 / 4	
X	FCL.935.TRI	☐ yes ☒ no		Chapter 4	
X	FCL.940.TRI	☐ yes ☒ no		Chapter 2.6	

Add new line

Add Comments

Compliance List

Means of information



Structure of Compliance List



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Compliance List

ATO

Document Reference:	HE 59-10	The Compliance List shall be tailored for each individual part of the relevant manual system. For a revision of a part of the relevant manual system, the Compliance List shall be filled according to the affected paragraphs. Send the filtered Compliance List together with the PRA-Form and the respective relevant manual to: Federal Office of Civil Aviation (FOCA) Safety Division Flight Operations Training organisations and light aircraft operations CH-3003 Berne	ATO No.: CH-ATO.0123
Registration:	331.01-00001/00003		OAS No.: 2021-00123
Date:	23.10.2020		Gever: 331-12
Issue/Revision:	3 / 0		
Prepared by:	SBFL		
Distribution:	int/ext		

Name of Organisation:

Hans Muster Flugschule CH.ATO.123

Identification

OMM/OM/TM:	Compliance Statement of the Training Organisation:	Compliance Statement
TRI Syllabus	We confirm to be compliant with the terms and conditions of:	
Issue/Revision:	- Basic regulation (EU) No 2018/1139 as amended on common rules in the field of civil aviation, its implementing rules and applicable amendments concerning technical requirements and administrative procedures including ICAO Standards and Procedures as well as National Rules and Regulations. - (EC) No 376/2014 of the European Parliament and of the Council of 03 April 2014 on the reporting, analysis and follow-up of occurrences in civil aviation.	
ISS01 / REV0		
Signature Date:	Name of Accountable Manager:	Signature:
dd.mm.yyyy	Hans Muster	<i>Hans Muster</i>

Paragraph	Title and Subject	refer to		Sanction	for official use only	
		Manual OMM/OM/TM	Chapter		Legal Act	
ORA.ATO.225	Training programme	TRI Syllabus	Chapter 1/3/4	Approval	Refer to ATO Certificate	
ORA.ATO.230	Training manual and operations manual	TRI Syllabus	All			
FCL.900	Instructor certificates	TRI Syllabus	2.3			
FCL.915	General prerequisites and requirements for instructors	TRI Syllabus	Chapter 2.3 / 2.5			
FCL.920	Instructor competencies and assessment	TRI Syllabus	Chapter 2.2.1/4			
FCL.910.TRI	TRI - Restricted privileges	TRI Syllabus	Chapter 2.2.1/2.5			
FCL.915.TRI	TRI - Prerequisites	TRI Syllabus	Chapter 2.3/2.5			
FCL.930.TRI	TRI - Training course	TRI Syllabus	Chapter 3/4	Approval	Refer to ATO Certificate	
FCL.935.TRI	TRI - Assessment of competence	TRI Syllabus	Chapter 4			
FCL.940.TRI	TRI - Revalidation and renewal	TRI Syllabus	Chapter 2.6			

Compliance List





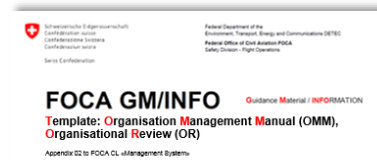
Referenz Dokumente



Certification Leaflet (CL)



Manual Templates



Syllabus Templates



