



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

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



HELICOPTER OPERATIONS

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Human External Cargo (HEC)



Certified «Boost» operations

! «Y-Rope» certification + 2 months !
« Kabinensicherung » → not allowed

- **SPO** operation → allowed
- **CAT** operation → not allowed for SE
- **PAX in public interest** → allowed for SE with single authorization*

*New evaluation with « Staatsluftfahrtverordnung »





Air OPS - Precision



HEMS: Simulator

Training with Technical Crew Member

- CRM multi-pilot
- Operational environment

SPO: Training & Checking

Conversion course, equipment and procedure training & checking



Air OPS - New



HEMS: Flights above 13'000 ft without oxygen

Theoretical and practical training (initial and recurrent)

- Hypobaric chamber
- Helicopter



Air OPS - New



HEMS:

- Duty of Technical Crew Member
- Training and checking Crew Member (Pilot and TCM)
- Helicopter equipment (Moving Map, HTAWS, SAS, AP, Ralt, etc.)



Air OPS - New



HEMS: Single-Engine Helicopters

- Above 8000 ft
- Pilot and TCM occupying the two forward-facing seats in the cockpit with a deployed stretcher
- No CAT A helicopter available or suitable
- Outside congested hostile area, etc.



Air OPS - New



HEMS: New HEMS Definition

- Person facing an imminent risk, support flight, etc.



Feedback - EASA-Visit



Operation Manuals

- Must be up-to-date, only containing operations which are carried out (NO PLACEHOLDERS)
- No generic descriptions, no contradictions, use of should/may

New Operation

- Manual revision acceptance
- Inspection
- Approval (PRA, OPS SPEC, SPO Docs)



Feedback - EASA-Visit



The verifications carried out by FOCA did not allow to identify the non-compliances [...].

HEMS: Public Interest Sites (PIS)

- List in OM
- 3D diagram with obstacles
- Procedures applicable for each type (profile, axis, etc.)



Feedback - General



Nominated Person

- Duties and responsibilities according OM
- Knowledge (OPS, regulations, processes)

Documentation submitted to FOCA

- Quality
- Internal control



Evidence-basierte Statistik HELI



Unternehmensstatistik – Gewerbsmässiger Nichtlinienverkehr (nur Helikopter)
Statistique d'entreprise – Trafic commercial hors trafic de lignes (uniquement hélicoptères)

**Brauchbare Daten für Statistiken
(keine absoluten Zahlen)
KOMM über BAZL SRM/SHA im
Herbst 2024**

**Erhebung der wichtigsten und
bereits existierenden Daten
(evidence-basiert, normierte
Zahlen)**

Betriebsart	Anzahl Flugstunden
Kommerziell	
Privat	
Schulung	
Total (Stunden)	0

Anzahl Landungen

Betriebsart	Anzahl Rotationen
HESLO	
HEC	
HHO	
Fallschirm	
Total (Rotationen)	0



Questions