

HESLO 2

Swiss Confederation

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

Federal Office of Civil Aviation FOCA

Division Safety Division - Flight Operations

Applicant's licence number:	
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Provisions according to Commission Regulation (EU) No 965/2012 Part-SPO (SPO.SPEC.HESLO) and the non-binding FOCA recommendations (Guidance Material)

Applicant		
Last name:	First name:	Date of birth:
e-mail:		Signature of applicant:
Operator		
Name:		AOC / Declaration No:
Name.		AOC / Decialation No
HESLO Instructor		
Last name:	First name:	License No:
Last name:	First name:	License No:
HELICOPTER EXTERNAL S	LING LOAD O	PERATIONS - GROUND INSTRUCTION
LEVEL 2 LONG LINE - Sli	ng length: >2	0 meters
OM/SOP		Worksite Preparation
Content of OM including relevant SOPs		Worksite layout
Flight and duty times		Fuel area designation and access
Max. cycles / day		Ground personnel safe area
Min. and max. fuel		Safety measures / traffic control
Refuelling procedures		Special Equipment
Radio communications / hand signals		Concrete bucket / Water bucket
Human factors / CRM / nutrition		Load lifting attachments (line, net, bag, IBC, FIBC)
Safety equipment / operational briefing		Slinging equipment (round sling, chain, shackle, etc)
Pilot / task specialist responsibilities		Load lifting means (cargo hook, remote hook, etc.)
Aircraft Flight Manual		Load meter / printer
Limitations		Mirror
Mass and balance		Bubble window / vertical reference
Abnormal and emergency procedures		Audio / vibration warning
Performance / HOGE		
Cargo hook supplement		Emergency / Limitations
		Flight control stops
Flight Procedures		Tail totor failure
Airspeed selection with load		Engine failure / OEI operation
Flight path selection (3rd party)		Height velocity diagram / exposure time
Bank / load factor / load drag		Emergency procedures in sling ops
Load stabilisation techniques / hover & in-flight.		Review of sling ops. accidents
Downwash / load rotation		Dangers / Hazards
Visual hover reference		Flights in valleys / cables / wires
Rotor clearance		Flight over congested areas / roads / 3rd party
Environment / slope / forest / canyon		Airflow / up and downdrafts
Manual & electrical load release		Sun / shadow / snow / rain / static electricity
Decision / exposure time		Settling with power / vortex
Load Rigging Techniques		Emergency load release
Vertical loads		
Horizontal loads		Minimum requirements before starting practical HESLO 2
Light, bulky and combined loads		instruction:
Nets & bags		- 100 HESLO cycles completed

HESLO 2

FLIGHT INSTRUCTION

Applicant's licence number:

Conditions:

- Minimum sling length 20 meters
- 1 Task specialist (with radio) at pickup point
- 1 Task specialist (with radio) at drop off point
- Helicopter equipped with:
 - additional mirror(s) and/or video camera(s)
 - a bubble window

Definitions:

Vertical References: The trainee must be able to perform a stabilized hover flight by means of vertical references without any external cargo attached to the helicopter prior to commencing training with

Mission: One mission is a HESLO flight or series of HESLO flights, conducted from site A to site B, for a particular customer, on a particular day.

Cycle: A cycle is a flight from site A to site B with an external load and subsequent return to site A.

Type of loads (use code in squares):

- 1 Concrete bucket
- 3 Horizontal load
- 5 Nets / bags

	2 Vertical load	4 Multiple loads	6 Light and bulkyload	
DC Flight instruction DC / minimum 2 hours: (every square is 1 hour)				
		Date training started:		
Cycles DC / minimum 20 cycles: (every square is 1 cycle) should include load types 1 through 6				
Date training ended:	Signature HESL0) instructor:		
Flight PIC under supervision / min. 3 ho	PUTS: (every square is 1 hour)	Date training started:	☐ Mirror ☐ Vertical ref.	
Flight instruction solo with on site supervision / min. 5 missions: (every square is 1 mission)				
Cycles solo / min. 30 cycles: (every square is Pilot proficiency has been assessed as sufficie endorsed with 'HESLO Level 2 satisfactory co	nt for the inteded operations		☐ Mirror ☐ Vertical ref.	
Date training ended:	Signature HESLO	instructor:		
Additional requirements before acting as unsupervised PIC for HESLO 2: - CPL(H) or ATPL(H)				
Sign-off by the operator Last name:	First name:	Lice	nce No:	

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Function:	Signature	.	Date:
i unction	Oignature	·	Date.