



**HESLO 3**

Applicant's licence number: \_\_\_\_\_

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: \_\_\_\_\_

Type of operation: \_\_\_\_\_

**HESLO Instructor**

Last name: \_\_\_\_\_ First name: \_\_\_\_\_ License No: \_\_\_\_\_

Last name: \_\_\_\_\_ First name: \_\_\_\_\_ License No: \_\_\_\_\_

**SPECIALISED SLING LOAD OPERATIONS – GROUND INSTRUCTION**

**OM/SOP**

- Content of OM including relevant SOPs .....
- Flight and duty times .....
- Max. cycles / day .....
- Min. and max. fuel .....
- Refuelling procedures .....
- Radio communications / hand signals .....
- Human factors / CRM / nutrition .....
- Safety equipment / operational briefing .....
- Pilot / task specialist responsibilities .....

**Aircraft Flight Manual**

- Limitations .....
- Mass and balance .....
- Abnormal and emergency procedures .....
- Performance / HOGE .....
- Cargo hook supplement .....

**Flight Procedures**

- Airspeed selection with load .....
- Flight path selection (3rd party) .....
- Bank / load factor / load drag .....
- Load stabilisation techniques / hover & in-flight .....
- Downwash / load rotation .....
- Visual hover reference .....
- Rotor clearance .....
- Environment / slope / forest / canyon .....
- Manual & electrical load release .....
- Decision / exposure time .....

**Load Rigging Techniques**

- Vertical loads .....
- Horizontal loads .....
- Light, bulky and combined loads .....
- Nets & bags .....

**Worksite Preparation**

- Worksite layout .....
- Fuel area designation and access .....
- Ground personnel safe area .....
- Safety measures / traffic control .....

**Special Equipment**

- Concrete bucket / Water bucket .....
- Load lifting attachments (line, net, bag, IBC, FIBC) .....
- Slings equipment (round sling, chain, shackle, etc.) .....
- Load lifting means (cargo hook, remote hook, etc.) .....
- Load meter / printer .....
- Mirror .....
- Bubble window / vertical reference .....
- Audio / vibration warning .....

**Emergency / Limitations**

- Flight control stops .....
- Tail rotor failure .....
- Engine failure / OEI operation .....
- Height velocity diagram / exposure time .....
- Emergency procedures in sling ops. ....
- Review of sling ops. accidents .....

**Dangers / Hazards**

- Flights in valleys / cables / wires .....
- Flight over congested areas / roads / 3rd party .....
- Airflow / up and downdrafts .....
- Sun / shadow / snow / rain / static electricity .....
- Settling with power / vortex .....
- Emergency load release .....

**Minimum requirements before starting practical HESLO 3 instruction:**

- 500 HESLO cycles completed .....

**Conditions:**

- 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 external loads.

**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.

**DC**

**Cycles as relevant to the activity:** (every square is 1 cycle)

Mirror  Vertical ref.


Date training started: .....

The trainee may perform **PIC HESLO 3 under supervision of a HESLO instructor** (the supervision should take place during HESLO mission, from inside the helicopter and on-site)

Date training ended: .....

Signature HESLO instructor: .....

**SOLO**

**Flight instruction solo with on site supervision / missions as relevant to the activity:** (every square is 1 mission)

Mirror  Vertical ref.


Date training started: .....

Pilot proficiency has been assessed as **sufficient for the intended operations and environment**. The trainee's logbook has been endorsed with 'HESLO Level 3 satisfactory completed'

Date training ended: .....

Signature HESLO instructor: .....

**Additional requirements before acting as unsupervised PIC for HESLO 3:**

- |  |  |
|--|--|
| - CPL(H) or ATPL(H)..... <input type="checkbox"/>                        | - Minimum 500 HESLO cycles..... <input type="checkbox"/>   |
| - HESLO level 1 completed to 20m..... <input type="checkbox"/>           | - Minimum 10h on helicopter type..... <input type="checkbox"/>   |
| - HESLO 3 ground instruction completed..... <input type="checkbox"/>     | - At least 15h on helicopter type, performing HESLO 1 and HESLO 2 operations..... <input type="checkbox"/> |
| - Task specialist syllabus / SOPs reviewed..... <input type="checkbox"/> |  |
| - Type rating completed..... <input type="checkbox"/>                    |  |

**Sign-off by the operator**

Last name: \_\_\_\_\_ First name: \_\_\_\_\_ Licence No: \_\_\_\_\_

Function: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_