

ECS5

External cargo sling , HEAVY LIFT



BAZL - OFAC - FOCA

CH-Licence N°

Transport of external loads with helicopters "Level 5" required by RFP Art. 133 g
 After completion of training send this form to: Bundesamt für Zivilluftfahrt (BAZL), FA / Helikopter, Maulbeerstrasse 9, 3003 Bern

Name: First Name: Date of birth:

Tel Privat: Tel Mobile: Fax:

Change of address (indicate new address) oui / ja E-Mail:

Zip code / City: Street:

Pilot in charge of theoretical instruction (must have a minimum of 500h ECS 5 experience):

Name: First Name: CH Licence N°:

EXTERNAL CARGO SLING (HEAVY LIFT) GROUND INSTRUCTION

FOM	
Flight and duty times	<input type="checkbox"/> <input type="checkbox"/>
Max. cycles / day	<input type="checkbox"/> <input type="checkbox"/>
Min. and max. fuel	<input type="checkbox"/> <input type="checkbox"/>
Refueling procedures	<input type="checkbox"/> <input type="checkbox"/>
Radio communications	<input type="checkbox"/> <input type="checkbox"/>
Human factors / CRM / nutrition	<input type="checkbox"/> <input type="checkbox"/>
Safety equipment	<input type="checkbox"/> <input type="checkbox"/>
Pilot / marshaller responsibilities / Operational Briefing.....	<input type="checkbox"/> <input type="checkbox"/>
Flight Manual	
Limitations	<input type="checkbox"/> <input type="checkbox"/>
Performance / HOGE	<input type="checkbox"/> <input type="checkbox"/>
Cargo hook supplement	<input type="checkbox"/> <input type="checkbox"/>
Flight Procedures	
Airspeed selection with load	<input type="checkbox"/> <input type="checkbox"/>
Flight path selection (3rd party)	<input type="checkbox"/> <input type="checkbox"/>
Bank / load factor / load drag	<input type="checkbox"/> <input type="checkbox"/>
Load stabilisation techniques / hover & in-flight	<input type="checkbox"/> <input type="checkbox"/>
Downwash / Load rotation	<input type="checkbox"/> <input type="checkbox"/>
Visual hover reference / vert, horiz	<input type="checkbox"/> <input type="checkbox"/>
Rotor clearance	<input type="checkbox"/> <input type="checkbox"/>
Marshaller Hand signals	<input type="checkbox"/> <input type="checkbox"/>
Manual & Electrical load release	<input type="checkbox"/> <input type="checkbox"/>
Decision / exposure time	<input type="checkbox"/> <input type="checkbox"/>
Load & Person Preparation	
Vertical loads	<input type="checkbox"/> <input type="checkbox"/>
Horizontal loads	<input type="checkbox"/> <input type="checkbox"/>
Light and bulky loads	<input type="checkbox"/> <input type="checkbox"/>
Load guiding devices	<input type="checkbox"/> <input type="checkbox"/>

Guide lines / ropes	<input type="checkbox"/> <input type="checkbox"/>
Wire stringing	<input type="checkbox"/> <input type="checkbox"/>
Special Equipment	
Remote hook / swivel hook	<input type="checkbox"/> <input type="checkbox"/>
Spansets / Steel cables/ chains	<input type="checkbox"/> <input type="checkbox"/>
Cable drums / winches	<input type="checkbox"/> <input type="checkbox"/>
Long lines	<input type="checkbox"/> <input type="checkbox"/>
Load meter / printer	<input type="checkbox"/> <input type="checkbox"/>
Mirrors	<input type="checkbox"/> <input type="checkbox"/>
Bubble window / vertical refernces	<input type="checkbox"/> <input type="checkbox"/>
Audio / vibration warning	<input type="checkbox"/> <input type="checkbox"/>
Emergency / Limitations	
Flight control stops	<input type="checkbox"/> <input type="checkbox"/>
TR failure	<input type="checkbox"/> <input type="checkbox"/>
Engine failure / OEI operation	<input type="checkbox"/> <input type="checkbox"/>
Height velocity diagram / exposure time	<input type="checkbox"/> <input type="checkbox"/>
Emergency procedures in construction ops	<input type="checkbox"/> <input type="checkbox"/>
Review of Heavy lift accidents	<input type="checkbox"/> <input type="checkbox"/>
Dangers	
Flights in valleys / cables / wires	<input type="checkbox"/> <input type="checkbox"/>
Flight over cities / roads / 3rd party	<input type="checkbox"/> <input type="checkbox"/>
Airflow / up and downdrafts	<input type="checkbox"/> <input type="checkbox"/>
Sun / shadow / snow / rain / static electricity	<input type="checkbox"/> <input type="checkbox"/>
Settling with power / vortex	<input type="checkbox"/> <input type="checkbox"/>
Emergency load jettison	<input type="checkbox"/> <input type="checkbox"/>
Remarks:	

Minimum requirements before starting practical ECS 5 instruction:	
- CPL(H) / ATPL(H).....	<input type="checkbox"/>
- Min. 2000h HEL / 1000h PIC / 10'000 ECS cycles	<input type="checkbox"/>
- Type rating completed.....	<input type="checkbox"/>
- Min. 10h PIC on type.....	<input type="checkbox"/>
- ECS Level 4 GND & AERIAL completed	<input type="checkbox"/>
- ECS 5 Ground instruction completed	<input type="checkbox"/>
- Marshaller syllabus reviewed	<input type="checkbox"/>
- Practical load preparation training	<input type="checkbox"/>

I herewith certify that the trainee has received the required ECS 5 ground instruction and is found competent to begin the practical ECS 5 instruction.

Date:

Name:

Signature:

