

Operator conversion training och LIFUS

Bakgrund

- Regelverket dåligt anpassat för helikopterverksamhet
 - Eventuellt otydligt från myndigheten om vad vi förväntar oss
- En del brister i manualer och på tillsyn
- Vad är målbilden?
 - Både för TS och för operatörerna

Vad säger regelverket?

ORO.FC.120 Operator conversion training

Regulation (EU) 2024/1111

- (a) The flight crew member shall complete the operator conversion training course before commencing unsupervised line flying:
 - (1) when changing to an aircraft for which a new type or class rating is required;
 - (2) each time the flight crew member joins an operator.
- (b) The operator conversion training course shall include training on the equipment installed on the aircraft as relevant to flight crew members' roles.

Additional requirements for CAT

ORO.FC.220 Operator conversion training and checking

Regulation (EU) 2021/2237

- (a) CRM training shall be integrated into the operator conversion training course.
- (b) Once an operator conversion course has been commenced, the flight crew member shall not be assigned to flying duties on another type or class of aircraft until the course is completed or terminated. Crew members operating only performance class B aeroplanes may be assigned to flights on other types of performance class B aeroplanes during conversion courses to the extent necessary to maintain the operation. Crew members may be assigned to flights on single-engined helicopters during an operator conversion course on a single-engined helicopter, provided that the training is unaffected.

Additional requirements for CAT

- ORO.FC.220 forts.
 - (d) The flight crew member shall complete:
 - (1) the operator proficiency check and the emergency and safety equipment training and checking before commencing line flying under supervision (LIFUS); and
 - (2) the line check upon completion of line flying under supervision. For performance class B aeroplanes, LIFUS may be performed on any aeroplane within the applicable class.

OPERATOR CONVERSION TRAINING SYLLABUS

(a) General

- (1) The operator conversion training should include, in the following order:
 - (i) ground training and checking, including all of the following:
 - (A) aircraft systems;
 - (B) normal procedures, which include flight planning and ground-handling and flight operations, including performance, mass and balance, fuel schemes, selection of alternates, and ground de-icing/anti-icing;
 - (C) abnormal and emergency procedures, which include pilot incapacitation as applicable;
 - (D) a review of relevant samples of accident/incident and occurrences to increase awareness of the occurrences that may be relevant for the intended operation;
 - (ii) emergency and safety equipment training and checking (completed before any flight training in an aircraft commences);
 - (iii) flight training and checking (aircraft and/or FSTD); and
 - (iv) line flying under supervision and line check.

Vad innebär LIFUS?

- (f) Line flying under supervision (**LIFUS**)
 - (1) Following completion of flight training and checking as part of the operator's conversion course, each flight crew member should operate a minimum number of sectors and/or flight hours under the supervision of a flight crew member nominated by the operator.
 - (2) The minimum flight sectors/hours should be specified in the operations manual and should be determined by the following:
 - (i) previous experience of the flight crew member;
 - (ii) complexity of the aircraft; and
 - (iii) the type and area of operation.

- Hur många sektorer skall man flyga?

Vad är en sektor?

- Saknas tydlig definition i både 965/2012 och 2018/1139
- Närmast till hands är kanske definitionen av "route sector" i Part FCL:
- *"Route sector" means a flight comprising take-off, departure, cruise of not less than 15 minutes, arrival, approach and landing phases.*

Förväntningar på LIFUS

- En sektor bör innefatta samma moment som en vanlig CAT-flygning, inklusive förberedelser och efterarbete
- Görs med fördel under en "riktig" flygning, med betalande passagerare
- Hellre längre (minst 15 min?) sektorer, eventuellt färre antal
- Varierade förhållanden, sträckor, väder etc.
- Individuellt anpassat

“LIFUS provides the opportunity for a flight crew member to put into practice the procedures and techniques he or she has been made familiar with during the ground and flight training of an operator’s conversion course.

This is accomplished under the supervision of a flight crew member that is specifically nominated and trained for the task.

At the end of LIFUS, the respective flight crew member should be able to perform a safe and efficient flight.”

Avslutande tankar och diskussion

- Frågor och funderingar?
- Kommentarer
- Egna erfarenheter