



**Flight Operations Standards Department**  
**Flight Crew Licensing & Training Section - Flying Training Organizations**  
**Guidelines for Approval of Airplane Zero Flight Time Type Rating Training Courses**

Appendix 1 to JCAR-FCL 1.261(c)(2)

## **Approval of Airplane Zero Flight Time Type Rating Training Courses**

### **1. General.**

- (a) Approval for ZFTT will only be given to a Training Organization of an JCAR-OPS 1 operator or a Training Organization having a specific approved arrangement with a JCAR-OPS 1 operator.
- (b) The training organization shall ensure that the student pre-requisites are met before starting the Type Rating Course.
- (c) The Type Rating will be restricted to that Operator until flying under supervision has been accomplished.

### **2. Approval of Type Rating Course Using ZFTT.**

- (a) The flight simulator to be used shall be qualified in accordance with JCAR-STD (A) and user approved for ZFTT by CARC. User approval will only be given if the flight simulator is representative of the airplane flown by the operator.
- (b) The flight simulator approved for ZFTT shall be serviceable according to the quality system criteria of the STD operator (see AMC JCAR-STD 1 A.025). Some equipment may be unserviceable provided that it is not required during the simulator lesson. The motion and the visual shall be fully serviceable.
- (c) Unless specified otherwise, a specific simulator session including a minimum of 6 additional take-offs and landings included in the type rating course shall be conducted according to JCAR-OPS 1.945(d)(2).
- (d) For an initial approval to conduct ZFTT the operator shall have held a JCAR-OPS 1 Air Operator's Certificate for at least 1 year. This period may be reduced at the discretion of CARC where the operator and the TRTO have experience of type rating training.
- (e) Approval for ZFTT shall only be given if the operator has at least 90 days operational experience of the airplane type. In the case of ZFTT provided by a training organization having a specific approved arrangement with a JCAR-OPS 1 Operator, the (90) days operational



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- (f) Experience requirements will not apply if the TRI (A) involved in the additional take-offs and landings requirement in JCAR-OPS 1.945 (d)(2), has operational experience acceptable to CARC on the airplane type.
- (g) The check required in JCAR-OPS 1.965(b) may be combined with the type rating skill test. When this is not, a conversion course shall be conducted and a check completed according to JCAR-OPS 1.945 before the specific simulator session.

### **3. Required Pilot Experience.**

A pilot undertaking ZFTT course shall have completed, on a multi-pilot turbo-jet transport category airplane or on a multi-pilot turbo-prop airplane having a MTOM of not less than (10) tonnes or an approved passenger seating configuration of more than (19) passengers, at least:

- (a) (1500) hours flight time or (250) route sectors if a flight simulator qualified to level CG, C or interim C is used during the course; or
- (b) (500) hours flight time or (100) route sectors if a flight simulator qualified to level DG, Interim D or D is used during the course.

When a pilot is changing from a turbo-prop to a turbo-jet airplane or from a turbo-jet to a turbo-prop airplane, additional simulator training approved by CARC shall be required.