

# Civil Aviation Authority of Bangladesh

Headquarters, Kurmitola

Dhaka-1229

No.30.31.0000.111.104.001.19-130

Dated: 02 -05-2019

## Civil Aviation Circular (CAC-OPS) 01/2019

**Sub: Conducting 'Base Training' of 'Zero Flight Time Training' in 'Full Flight Simulator' and Integrating 'Base Check' with 'Pilot Proficiency Check' for 'Type Rating' on Aeroplane with 'all-up-weight' 5,700 Kg or above**

### 1. Glossary

CAAB	Civil Aviation Authority of Bangladesh
FFS	Full Flight Simulator
FSTD	Flight Training Simulation Device
IRC	Initial Route Check
OM	Operations Manual
PF	Pilot Flying
PM	Pilot Monitoring
PPC	Pilot Proficiency Check
SFI	Simulator Flight Instructor
SFE	Simulator Flight Examiner
TRTO	Type Rating Training Organization
ZFTT	Zero Flight Time Training

### 2. Introduction

2.1 The rapid growth of air traffic has led to the induction of a large number of aeroplane in the fleets of many Air Operators of Bangladesh. This has necessitated imparting 'Type Rating Training' to increased number of flight crews. The technology has also enhanced the methods for 'Type Rating Training' which is being conducted in different 'Type Rating Training Organizations' (TRTOs) worldwide. These TRTOs are equipped with highly accurate simulators to replicate the aeroplane cockpit equipment and are able to exactly simulate aeroplane flying syndromes as in the real world. Out of the four (04) types of simulators, Level 'C' and 'D' simulators provide the most quality training capability to the flight crews to demonstrate their flight ability as good as the real aeroplane. By virtue of these capabilities of the simulators, the flight crews, having received simulated training, become able to achieve the required level of proficiency to operate the real aeroplane.

### 3. Applicability

3.1 This 'Policy' on ZFTT, as prescribed in Para 3.1.1 and 3.1.2, shall be applicable for flight crews of all air operators of Bangladesh intending to conduct ZFTT (Base Training and Check) in Level 'C' or 'D' FFS simulator shall be incorporated in 'Type Rating Syllabus' for 'Type Rating' on aeroplane with 'all-up-weight' above 5,700 Kg;



**Note:** Air operators of Bangladesh, intending to conduct 'Base Training and Check' for their flight crew in actual aeroplane of 'all-up-weight' 5,700 Kg or above may, continue to do so prior to conducting 'Route Training';

3.1.1 'Base Training' of ZFTT shall be accomplished within 'Type Rating Training' conducted in FFS as per Para 4.1.1, 4.1.2, 4.1.3 and 4.2, as applicable; and,

3.1.2 'Base Check' of ZFTT shall be accomplished as apart of PPC, as mentioned in Para 4.3.

#### **4. Base Training Requirements**

4.1 The flight crew shall complete below session or sessions, as applicable, of Two 02 hours for 'Base Training' in FFS, subject to the experience level, mentioned underneath:

4.1.1 Experience level of 500:00 hrs. and above in real aeroplane:

The flight crew shall complete minimum One (01) session of Two (02) hours with minimum Six (06) 'Take-off and Landing' or, until attainment of proficiency, of which at least Two (02) 'Take-off and Landing' by 'Night';

4.1.2 Experience level of 300:00 hrs. and up to 499:00 hrs. in real aeroplane:

The flight crew shall complete minimum Two02 sessions of Two02 hours with minimum Twelve (12) 'Take-off and Landing' or, until attainment of proficiency of which at least Four (04) 'Take-off' and 'Landing' by 'Night';

4.1.3 Experience level below 300:00 hrs. in real aeroplane:

The flight crew shall complete minimum Two02 sessions of Two02 hours each for 'Base Training' in FFS of minimum Eighteen (18) 'Take-off and Landing' or, until attainment of proficiency of which at least Six (06) 'Take-off' and 'Landing' by 'Night';

4.2 During 'Base Training' of ZFTT, the flight crew shall act as 'Pilot Flying' (PF) while the other seat shall be occupied by the 'Type Rated' SFI or SFE or equivalent person; and,

4.2 The 'Base Check' of ZFTT shall be conducted as an integral part of PPC during the 'Pilot Proficiency Check' (PPC) or 'Skill Test'.

#### **5. Route Training and Check after PPC**

5.1 'Route Training' shall be commenced as soon as possible but not later than 21 days following the completion of PPC.

5.2 In case the 'Route Training' is commenced between 22 to 28 days following the completion of the PPC, the pilot shall complete at least two (02) sectors of 'Route Observation' prior to the commencement of 'Route Training'.

5.3 In case the 'Route Training' is commenced between 29 to 42 days following the completion of the PPC, the pilot shall complete at least Four (04) sectors of 'Route Observation' prior to the commencement of 'Route Training'.

- 5.4 In case the 'Route Training' is not commenced within 42 days following the completion of the PPC, the pilot shall complete at least Two (02) 'Circuits and Landings' by Day and Two (02) 'Circuits and Landings' by Night in the simulator, prior to the commencement of 'Route Training'.
- 5.6 The pilot shall complete the IRC within 120 days from the date of commencement of 'Route Training'.
- 5.7 In case the IRC is required to be completed within 121-135 days from the date of commencement of 'Route Training', the pilot shall complete at least additional Two (02) Sectors of 'Route Training' prior to the IRC.
- 5.8 In case the IRC is required to be completed within 136-150 days from the date of commencement of 'Route Training', the pilot shall complete at least additional Four (04) sectors of 'Route Training' prior to the IRC
- 5.9 In case the IRC is not accomplished within 150 days from the date of commencement of 'Route Training', the operator shall stop the training and notify CAAB for review and disposal.
- 5.10 The 'Initial Route Check' (IRC) shall be conducted/monitored by an FOI of CAAB.

## 6. Repeal, Savings and Validity

- 6.1 As soon as may be after the commencement of this circular, the circular No. 03/2011, vide Ref CAAB/52/85/97/FI/(Vol-2)/1015, dated 27-07-2014, No CAAB/52/143/2001/FI/(Vol-3)/511A, dated 05 October, 2011 and No. CAAB/52/143/2001/FI/(Vol-3)/185A, dated 02 August 2011 shall stand repealed.
- 6.2 As soon as may be after the commencement of this circular, any act done, measures taken, or notice issued, certificate, license or permit given or any agreement entered into or document signed under the said circular shall be deemed to have done, taken, entered, issued, given, made or signed under this circular;
- 6.3 Any proceeding, going on or pending, shall, in so far as possible, be disposed of under this circular; and,
- 6.4 Any suit and other legal proceedings instituted before any court shall, if pending, be disposed of in such way as if the said circular had not been repealed.
- 6.5 The Circular shall come into effect on 30 May 2019.



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Chairman

