



Civil Aviation Authority of Bangladesh
Flight Standard & Regulations Division
Kurmitola, Dhaka-1229
www.caab.gov.bd



No. 30.31.0000.114.22.002.22/052

Dated: 16.01.2022

CIVIL AVIATION DIRECTIVE (CAD-PEL) 01/2022

Subject: Company Flight Training Instructor (CFTI), Commercial Airlines – Aeroplane
(ANO-1, Chapter 2, Section 2.1.8.1 (c) and 2.1.8.2, refers)

1. INTRODUCTION

- 1.1 In exercise of the powers conferred by section 14 of Civil Aviation Act 2017, Chairman, Civil Aviation Authority of Bangladesh (CAAB) is pleased to issue the Civil Aviation Directive (CAD-PEL) 01/2022 on the “Company Flight Training Instructor (CFTI) (Commercial Airlines - Aeroplane)”.
- 1.2 All air operators (Commercial Airlines - Aeroplane), are required to incorporate this directive, as a minimum requirement, in the Operations Manual (OM).
- 1.3 The operator is hereby reminded that the checks conducted by the CFTIs are restricted to company requirements and functions only.
- 1.4 This CAD is effective from 01 Mar 2022.

2. CFTI (ROUTE TRAINING)

2.1 Qualifications and Experience Required for CFTI (Route Training) Authorization

- 2.1.1 Completed the Instructional Technique (IT) Course and passed the ground examination arranged by CAAB or passed Qualified Flying Instructor (QFI) Course from military or hold/held Flight Instructor (FI) Rating;
- 2.1.2 Hold a valid ATPL and current on the type of aircraft as Pilot-in-Command (PIC) for which the Instructor authorization is sought;
- 2.1.3 Hold a valid medical certificate;
- 2.1.4 Not held responsible for any aircraft accident or serious incident in last 05 years;
- 2.1.5 Not held responsible for any aircraft incident in last 02 years;
- 2.1.6 Experience for Turbo Prop aircraft : A minimum flying experience of total of 1500 hours in airline of which 500 hours as PIC on type. The on type experience as PIC may be reduced to 300 hours for pilots previously qualified and experienced as an Instructor on equivalent or heavier aircraft type(s);
- 2.1.7 Experience for Jet aircraft : A minimum flying experience of total of 3000 in airline hours of which 1000 hrs as PIC on type. The on type experience as PIC may be reduced to 500 hrs

for pilots previously qualified & experienced as an Instructor on equivalent or heavier aircraft type(s);

- 2.1.8 In the case of performing instructional duty over pilots of the left seat, CFTI shall be proficient in both seats. For performing instructional duty over pilots of the right seat a CFTI shall be proficient in:
- a) Both the seats - if the CFTI does not have any previous on-type experience of flying from the right seat;
 - b) Left seat only - if the CFTI has previous on-type experience of flying from the right seat.
- 2.1.9 Shall demonstrate to a CFTI, a thorough knowledge of the Air Operator's operations manual, operating specifications, Standard Operating Procedures (SOPs), aircraft flight & operating manuals, relevant legislation, record keeping and documentation;
- 2.1.10 Has successfully conducted a demonstration class / lecture of 1 hour at CAAB;
- 2.1.11 Has completed Route Training which includes minimum following requirements:
- a) For Heavy Aircraft (136000 kg or more): A candidate shall fly a minimum of 04 sectors training under a CFTI in the airplane for which the instructor authorization is sought followed by a successful Route Check with another CFTI;
 - b) For Medium Aircraft (less than 136000 kg but more than 7000 kg): A candidate shall fly a minimum of 06 sectors training under a CFTI in the airplane for which the Instructor authorization is sought followed by a successful Route Check with another CFTI;
 - c) For Light Aircraft (7000 kg or less): A candidate shall fly a minimum of 10 sectors training only under a CFTI in the airplane for which the Instructor authorization is sought followed by a successful Route Check with another CFTI;

2.2 Privileges of CFTI (Route Training) :

A CFTI Shall have the privileges to conduct:

- 2.2.1 Route Training & Company Check;
- 2.2.2 Initial Route Check (when monitored by FOI / DFOI / DCP);
- 2.2.3 Ground Training on Safety Equipment & Emergency Procedure (SEEP) and Aircraft Type Technical for Flight Crew;
- 2.2.4 Familiarization training to flight crew with the latest operational procedures;
- 2.2.5 Company standardization flights.

Note: CFTI (Route Training) will be eligible for taking checks only after conducting 06 sectors of Route Training.

2.3 Validity Period for CFTI (Route Training):

- 2.3.1 The CFTI (Route Training) authorization shall be valid for 5 years (unless CFTI changes the fleet/operator) subject to fulfillment of the currency requirements of 2.4.



2.4 Currency Requirement for CFTI (Route Training):

- 2.4.1 Shall hold valid ATPL, Ratings, medical and be current on type of the aircraft;
- 2.4.2 Shall conduct a minimum 12 (twelve) sectors Route Training / Check in every 12 months and forward the evidence to CAAB for information;

Or

Shall undergo a route check with a CFTI. On satisfactory performance, the report shall be sent to CAAB for information;

- 2.4.3 If the condition in 2.4.2 is not complied with and the currency expires but not exceeding 24 months, then the candidate shall fly two sectors with a CFTI followed by a route check (two sectors) with another CFTI. On satisfactory performance, the report shall be sent to CAAB for information;
- 2.4.4 If the condition in 2.4.3 is not complied with and the currency expires beyond 24 months but not exceeding 60 months then the candidate shall fly a total of four sectors with a CFTI followed by a route check (two sectors) with another CFTI. On satisfactory performance, the report shall be sent to CAAB for information. The currency program shall include "only flight training and checks";
- 2.4.5 If the currency expires beyond 60 months, then the candidate shall undergo initial training program for the authorization;
- 2.4.6 Shall complete IT refresher course every 5 years and pass the ground examination conducted by the operator. The report shall be sent to CAAB for information. The syllabus for IT refresher training shall be prepared by the operator and include in the OM-D.

3. CFTI (BASE TRAINING)

3.1 Qualifications and Experience Required for CFTI (Base Training) Authorization

- 3.1.1 Shall be a current CFTI (Route Training) on the type of aircraft;
- 3.1.2 Hold a valid ATPL and current on the type of aircraft as Pilot-in-Command (PIC) for which the Instructor authorization is sought;
- 3.1.3 Hold a valid medical certificate;
- 3.1.4 Not held responsible for any aircraft accident or serious incident in last 05 years;
- 3.1.5 Not held responsible for any aircraft incident in last 02 years;
- 3.1.6 Experience for Turbo Prop aircraft : A minimum flying experience of total of 2500 hours of which 1000 hours as PIC on type. The on type experience as PIC may be reduced to 750 hours for pilots previously qualified and experienced as an Instructor on equivalent or heavier aircraft type(s);
- 3.1.7 Experience for Jet aircraft : A minimum flying experience of total of 4000 hours of which 2000 hours as PIC on type. The on type experience as PIC may be reduced to 1500 hours for pilots previously qualified and experienced as a CFTI-Base Training on equivalent or heavier aircraft type(s);



3.1.8 In the case of performing instructional duty over pilots of the left seat, CFTI shall be proficient in both seats. For performing instructional duty over pilots of the right seat a CFTI shall be proficient in:

- a) Both the seats - if the CFTI does not have any previous on-type experience of flying from the right seat;
- b) Left seat only - if the CFTI has previous on-type experience of flying from the right seat.

3.1.9 Shall demonstrate to a CFTI, a thorough knowledge of the Air Operator's operations manual, operating specifications, Standard Operating Procedures (SOPs), aircraft flight & operating manuals, relevant legislation, record keeping and documentation;

3.1.10 The Base Training shall include the minimum following requirements:

3.1.10.1 Training Program (**Aeroplane - having approved FSTDs**)

Training Program for CFTI (Base Training) shall be conducted in two Parts. The Part-I of training shall be conducted in simulator and Part-II shall be conducted in aeroplane. The training to be performed from right-hand seat, only if intends to perform instructional duty over pilots of left seat.

a) **Part- I (Simulator Training)**

- i. Two simulator sessions of 2:00 hours each from left hand and right seat as follows:

Briefing Time	: 1:00 hours
PF (LH/RH-if required)	: 2:00 hours each (total 04:00 Hrs)
De-brief	: 1:00 hours

- ii. Full Flight Simulator-Session # 1 (LH Seat): Touch & Go / Stop & Go including Normal/Non-normal & emergency procedure (2:00 Hrs).
- iii. Full Flight Simulator-Session # 2 (RH Seat): Touch & Go / Stop & Go including Normal/Non-normal & emergency procedure (2:00 Hrs).

b) **Part – II (Aeroplane Training)**

- i. Number of Flights : Minimum 2 (two) flights as following;

Pre-Flight Briefing	: 1:00 hour
Flight Time	: 0:30 hour each (total 01:00 hrs)
Post-Flight Briefing	: 1:00 hour
- ii. Flight# 1 (LH Seat): Minimum two Take offs and Landings (1 by day & 1 by night);
- iii. Flight# 2 (RH Seat): Minimum two take offs and Landings. (1 by day & 1 by night).

3.1.10.2 Training Program (**Aeroplane: - when FSTDs not available**)

Training Program for CFTI (Base Training) shall be conducted in aeroplane when FSTDs are not approved or not available for training. Two flights of minimum 2:00 hours each from left hand seat and right-hand seat as follows (total 04:00 hrs). The training to be performed from right-hand seat, only if intends to perform instructional duty over pilots of left seat.



- a) FLIGHT# 1 (LH Seat): Minimum four Touch & Go / Stop & Go 2 by day & 2 by night) including simulated Normal/Non-normal & emergency procedure (2:00 Hrs);
- b) FLIGHT# 2 (RH Seat): Minimum four Touch & Go / Stop & Go (2 by day & 2 by night) including simulated Normal/Non-normal & emergency procedure (2:00 Hrs).

3.2 Privileges of CFTI (Base Training)

Shall have the privileges to conduct:

- 3.2.1 Base Training;
- 3.2.2 Training and checks as per 2.2 (privileges of Route Training Instructor).

3.3 Validity Period for CFTI (Base Training)

- 3.3.1 The CFTI (Base Training) authorization shall be valid for 5 years subject to fulfillment of the currency requirements of 3.4.

3.4 Currency Requirement for CFTI (Base Training)

- 3.4.1 Shall hold valid ATPL, Ratings, medical and be current on the type of aircraft as "Route Training" instructor;
- 3.4.2 Shall conduct a minimum 2 (two) Base Training in every 12 months and forward the evidence to CAAB for information;
- 3.4.3 If the condition in 3.4.2 is not complied with, the candidate shall undergo a Base Training with a CFTI (Base Training) from both seats of minimum 1:30 hrs. The training to be performed from right-hand seat, only if intends to perform instructional duty over pilots of left seat. On satisfactory performance, the report shall be sent to CAAB for information;
- 3.4.4 If the condition in 3.4.3 is not complied with within 12 months of expiry, then the candidate shall undergo a Base Training with a CFTI (Base Training) from both seats of minimum 2:30 hrs. The training to be performed from right-hand seat, only if intends to perform instructional duty over pilots of left seat. On satisfactory performance, the report shall be sent to CAAB for approval information;
- 3.4.5 If the condition in 3.4.4 is not complied with, then the candidate shall undergo initial training program for the authorization.
- 3.4.6 Shall complete IT refresher course every 5 years and pass the ground examination conducted by the operator. The report shall be sent to CAAB for information. The syllabus for IT refresher training shall be prepared by the operator and include in the OM-D.



4. COMPANY SYNTHETIC FLIGHT INSTRUCTOR (SFI)

4.1 Qualifications and Experience Required for Company Synthetic Flight Instructor (SFI) Authorization

- 4.1.1 Completed the Instructional Technique (IT) Course and Passed the ground examination arranged by CAAB or passed Qualified Flying Instructor (QFI) Course from military or hold/held Flight Instructor (FI) Rating;
- 4.1.2 Hold or held (expired) an ATPL;
- 4.1.3 Not held responsible for any aircraft accident in last 05 years;
- 4.1.4 Not held responsible for any aircraft incident in last 02 years;
- 4.1.5 Hold or held minimum qualification as CFTI (Route Training);
- 4.1.6 Shall have passed the Technical Examination on Type (for which the simulator instructor authorization has been sought) from CAAB;
- 4.1.7 Shall demonstrate a thorough knowledge of the Air Operator's operations manual, operating specifications, SOPs, aircraft flight and operating manuals;
- 4.1.8 The Simulator Training shall include following minimum requirements:
 - a) **Number of Sessions:** Min 6 (Six) Full Flight Simulator (FFS) sessions of 4 hours each;
 - b) **Performance in Each Session and the candidate will:**
 - i. FFS Session# 1: observe the conduct of simulator session by SFI;
 - ii. FFS Session# 2: observe the conduct of simulator session by SFI;
 - iii. FFS Session# 3: conduct the simulator session under the supervision of the SFI;
 - iv. FFS Session# 4: conduct the simulator session under the supervision of the SFI;
 - v. FFS Session# 5: conduct the simulator session independently. The SFI shall monitor the performance of the candidate;
 - vi. FFS Session# 6: The session shall be assessed for satisfactory performance by a qualified examiner.

4.2 Privileges of Synthetic Flight Instructor (SFI)

Shall have the following privileges to conduct:

- 4.2.1 Simulator Training to the company pilots including Instrument Rating;
- 4.2.2 Line Oriented Flight Training (LOFT);
- 4.2.3 Zero Flight Time Training (ZFTT);
- 4.2.4 Low Visibility Operations (LVO) Training.



4.3 Validity Period for Synthetic Flight Instructor (SFI)

- 4.3.1 The Simulator Instructor authorization shall be valid for 5 years subject to fulfillment of the currency requirements as per 4.4

4.4 Currency Requirement for Synthetic Flight Instructor:

- 4.4.1 Shall conduct a minimum of 6 sessions of 04 hours each in every 12 months and forward the evidence to CAAB for information.

Or

Shall undergo a check with a qualified simulator instructor on "Instructor Operating Station (IOS)" panel operation of minimum 2 hours. On satisfactory performance, the report shall be sent to CAAB for information.

- 4.4.2 If the condition in 4.4.1 is not complied with and the currency expires beyond 12 months but not exceeding 24 months then the candidate shall undergo training on IOS panel operation of minimum 4 hours followed by a check with a qualified simulator instructor. On satisfactory performance, the report shall be sent to CAAB for information.
- 4.4.3 If the condition in 4.4.2 is not complied with and the currency expires beyond 24 months but not exceeding 60 months then the candidate shall undergo training on IOS panel operation of minimum 8 hours followed by a check with a qualified simulator instructor. On satisfactory performance, the report shall be sent to CAAB for information.
- 4.4.4 If the currency expires beyond 60 months, then the candidate shall undergo initial training program for the authorization.
- 4.4.5 Shall complete IT refresher course every 5 years and pass the ground examination conducted by the operator. The report shall be sent to CAAB for information. The syllabus for IT refresher training shall be prepared by the operator and include in the OM-D.


5. ISSUE OF COMPANY FLIGHT TRAINING INSTRUCTOR (CFTI) AND SFI AUTHORIZATION

- a) The operator:

- i. shall include the abovementioned training program in the OM Part-D.
- ii. On completion of the training, shall submit the training records and documents to CAAB for issuance of the authorization.

- b) CAAB will issue "Company Flight Training Instructor (CFTI) and SFI authorization.

- c) CAAB has the right to deny, suspend or revoke "Company Flight Training Instructor (CFTI) and SFI authorization at any time.


Air Vice Marshal M Mafidur Rahman,
BSP, BUP, ndu, afwc, psc
Chairman
Civil Aviation Authority of Bangladesh