



MEMORANDUM CIRCULAR NO.: 07-2020

TO : ALL CONCERNED

FROM : THE DIRECTOR GENERAL

**SUBJECT : INCORPORATION OF ELECTRONIC FLIGHT BAG
REGULATIONS TO PHILIPPINE CIVIL AVIATION
REGULATIONS PART 7**

REFERENCES:

1. Philippine Civil Aviation Regulations Part 7
2. Regulations Amendment/Revision Procedure
3. Board Resolution No. 2012-054 dated 28 September 2012

Pursuant to the powers vested on the Director General of the Civil Aviation Authority of the Philippines under Republic Act No. 9497, otherwise known as the Civil Aviation Authority Act of 2008 and in accordance with the Regulations Amendment/Revision Procedure with Board Resolution No. 2012-054 dated 28 September 2012, I hereby approve the following regulations to Philippine Civil Aviation Regulations Part 7.

INCORPORATED REGULATIONS:

**PHILIPPINE CIVIL AVIATION REGULATIONS PART 7
INSTRUMENT AND EQUIPMENT**

7.2.10.1 ELECTRONIC FLIGHT BAG (EFB)

Note: Guidance on EFB equipment, functions and operational approval is contained in the ICAO Doc 10020.

7.2.10.1.1 EFB EQUIPMENT

- (a) Where portable EFBs are used on board an airplane, the operator shall ensure that they do not affect the performance of the airplane systems, equipment or the ability to operate the airplane.

7.2.10.1.2 EFB FUNCTIONS

- (a) Where EFBs are used on board an airplane the operator shall:
 - (i) assess the safety risk(s) associated with each EFB function;
 - (ii) establish and document the procedures for the use of, and training requirements for, the device and each EFB function; and
 - (iii) ensure that, in the event of an EFB failure, sufficient information is readily available to the flight crew for the flight to be conducted safely.

Note: Guidance on safety risk assessments is contained in the Safety Management Manual (SMM) Doc 9859.

- (b) The Authority shall approve the operational use of EFB functions to be used for the safe operation of airplanes.

7.2.10.1.3 EFB OPERATIONAL APPROVAL

- (a) In approving the use of EFBs, the Authority will ensure that:
 - (i) the EFB equipment and its associated installation hardware, including interaction with airplane systems if applicable, meet the appropriate airworthiness certification requirements;
 - (ii) the operator has assessed the safety risks associated with the operations supported by the EFB function(s);
 - (iii) the operator has established requirements for redundancy of the information (if appropriate) contained in and displayed by the EFB function(s);
 - (iv) the operator has established and documented procedures for the management of the EFB function(s) including any database it may use; and
 - (v) the operator has established and documented the procedures for the use of, and training requirements for, the EFB and the EFB function(s).

Note: Guidance on safety risk assessments is contained in the Safety Management Manual (SMM) (Doc 9859).

"End of Amendment"

Separability Clause - If, for any reason, any provision of this Memorandum Circular is declared invalid or unconstitutional, the other part or parts thereof which are not affected thereby shall continue to be in full force and effect.

Repealing Clause - All orders, rules, regulations and issuances, or parts thereof which are inconsistent with this Memorandum Circular are hereby repealed, superseded or modified accordingly.

Determination of Changes - To highlight the amendments and/or revisions in the Memorandum Circular, the deleted text shall be shown with strikethrough and the new inserted text shall be highlighted with grey shading, as illustrated below:

1. Text deleted: ~~Text to be deleted is shown with a line through it.~~
2. New text inserted: New text is highlighted with grey shading.
3. New text replacing existing text: ~~Text to be deleted is shown with a line through it~~ followed by the replacement text which is highlighted with grey shading.

Effectivity - Fifteen (15) days after compliance with the requisite publication in a single newspaper of general circulation and a copy filed with the U.P. Law Center – Office of the National Administrative Register.

Signed this 24TH day of FEBRUARY 2020, CAAP, Pasay City


CAPTAIN JIM C SYDIONGCO,
Director General