



MEMORANDUM CIRCULAR No. 027-2025

TO : ALL AIR OPERATORS AND AIRCRAFT OWNERS

FROM : THE DIRECTOR GENERAL

SUBJECT: Mandatory Annual Check of Digital Flight Data Recorder (DFDR) with Conditional Compliance Relief

DATE : **15 MAY 2025**

This Memorandum Circular establishes the mandatory requirement for the Digital Flight Data Recorder (DFDR) Annual Check in accordance with PCAR I.S. 7.7.1.3.c and ICAO Annex 6, Part I, Appendix 8, Section 7.2.1, ensuring continued airworthiness and data integrity of flight recorder systems. As per the requirement, a DFDR performance check must be performed annually by an Air Operator, which include:

1. Functional testing to confirm proper operation;
2. Data readout and analysis to verify parameter accuracy;
3. Inspection for missing, corrupted, or degraded data;
4. Time synchronization checks with aircraft systems;
5. Recording duration verification as per regulatory requirements;
6. Maintenance log entry documenting test results.

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However, in consideration of operational constraints, a one-time compliance relief of three (3) months beyond the DFDR annual due check is granted, subject to the requirement that the Air Operator shall monitor its functionality prior to the first flight of the day through manual and/or automatic check, as follows:

1. Prior to the first flight of the day, DFDR operational status is monitored manually and/ or automatically via system self-tests, built-in test equipment (BITE) checks, or maintenance verification;
2. Any detected anomalies must be immediately reported and corrected before further operations;
3. The extended compliance period shall not be used repeatedly to avoid consecutive deferrals;
4. DFDR test results and any deviations detected during the extended compliance period must be documented and made available for CAAP inspection.

Upon completion of the DFDR Annual Check, the Air Operator shall submit a report to the CAAP Airworthiness Department, detailing any corrective actions taken.





Republic of the Philippines

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Failure to comply with the provisions in this Circular may result in administrative actions, including but not limited to penalties, the grounding of aircraft, or the suspension of Certificate of Airworthiness for aircraft owners or air operators, as applicable under PCAR provisions.

This Memorandum Circular shall take effect immediately upon publication and shall remain in force until superseded or amended.

For strict compliance.

  
**LTGEN RAUL L. DEL ROSARIO AFP (RET)**  
Director General

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