



SERVICE BULLETIN

NO.: 1023 Revision A

TO: Embraer
DATE: 7 July 2010
SUBJECT: GWX 68 Weather Radar, Mod 1

PURPOSE

The purpose of the service bulletin is to communicate the availability of a GWX 68 weather radar mod status upgrade for Phenom 100 and Phenom 300 aircraft. This modification includes an improved radar receive cable, improved cable routing, and a more robust high-voltage pulse transformer. Completion of this upgrade will result in greater weather radar reliability.

DESCRIPTION

This service bulletin provides information required to return GWX 68 weather radar units to the Garmin factory for incorporation of Mod 1.

AFMS AND PILOT'S GUIDE CONSIDERATIONS

There are no changes to AFMS documents that are relative to this service bulletin. There are no Pilot's Guide changes relative to this service bulletin.

PRODUCT AFFECTED

All GWX 68 weather radar units (011-00883-00 and 011-00883-20) are affected.

COMPLIANCE

Compliance with this service bulletin is recommended at the next scheduled aircraft maintenance interval.

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MANPOWER

Two (2.0) hours labor including testing.

WARRANTY INFORMATION

This modification is warranty reimbursable for the manpower listed above, with a deadline of July 7, 2012. To ensure proper reimbursement, when completing the warranty claim indicate this service bulletin has been complied with and include the aircraft make/model, unit serial number, and RMA number.

MODIFICATION INSTRUCTIONS

This is a factory only modification, contact Garmin for an RMA number before returning the unit to Garmin.

NOTE

The average turnaround time for this modification is 5-7 business days. Exchanges are only available to customers outside of North America.

IDENTIFICATION PROCEDURE

Garmin will mark Mod 1 on the Mod Status Plate to indicate this service bulletin has been complied with.

TESTING PROCEDURE

Perform the return to service and testing procedures in accordance with the applicable airframe specific maintenance manual.

GARMIN CONTACT INFORMATION

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