

SERVICE

BULLETIN



Gulfstream American

SERVICE BULLETIN NO. 171

FAA APPROVED - GULFSTREAM
AMERICAN CONSIDERS THIS
SERVICE BULLETIN MANDATORY

DATE: 3 June 1981

SUBJECT: VOLTAGE REGULATOR REPLACEMENT

SERIALS AFFECTED: AA5-0603 through 0834
AA5A-0001 and Subsequent
AA5B-0001 and Subsequent

TIME COMPLIANCE: Within the next twenty-five (25) hours of
operation.

GENERAL

This Service Bulletin is directed at those aircraft within serial block noted that have the P/N D9PF-10316-AB Voltage Regulator installed. This Service Bulletin calls for a visual inspection and replacement of P/N D9PF-10316-AB Voltage Regulator. The D9PF-10316-AB Voltage Regulator may produce unstable bus voltage and its malfunction can result in damage to aircraft's avionic equipment.

PROCEDURE

1. Within the next 25 flight hours visual inspect the Voltage Regulator and determine if the D9PF-10316-AB Voltage Regulator is installed.
2. If the D9PF-10316-AB Voltage Regulator is installed it should be replaced before further flight.
3. Replace the D9PF-10316-AB Voltage Regulator with Electro Delta Voltage Regulator P/N VR 600.

NOTE

If aircraft have a D4FF-10316-B Voltage Regulator installed, the D4FF-10316-B does not need to be changed, only the D9PF-10316-AB.

4. After the D9PF-10316-AB Voltage Regulator has been replaced, record compliance in Log Book and return aircraft to service.

PARTS INFORMATION

Parts may be obtained from your local Gulfstream American Service Center.

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QUANTITY REQUIRED PER AIRCRAFT</u>
VR 600	Voltage Regulator	1

CREDIT INFORMATION

No labor allowance is available for the inspection, however, a labor allowance of .5 hours at the Gulfstream American Service Center's prevailing shop rate will be available for replacement of the regulator provided aircraft is within warranty at the date of this bulletin.

All work must be performed or authorized by a Gulfstream American Service Center. A completed Warranty Claim Form GAC 740 must be submitted to Gulfstream American prior to September 1, 1981 for labor credit allowance.