



Gulfstream American

SERVICE BULLETIN NO. 164
"FAA (DER) APPROVED"

DATE: 1 June 1979

SUBJECT: ROCKWELL-COLLINS SERVICE BULLETIN NO. 5 -
AUDIO MARKER RECEIVER-TO-TRANSPONDER
INTERFERENCE

MODELS AFFECTED: AA-5A, AA-5B

SERIALS AFFECTED: All Gulfstream American AA-5A and AA-5B
aircraft equipped with Collins AMR-350
Audio/Marker Panels affected by Rockwell-
Collins Service Bulletin No. 5

TIME OF COMPLIANCE: As indicated in Rockwell-Collins Service
Bulletin No. 5.

GENERAL

The Collins AMR-350 Audio/Marker Panel has been optionally installed on many Gulfstream American AA-5A and AA-5B aircraft. The marker receiver has been interfering with the TDR-950 transponders in installations in which the marker beacon and transponder antennas are in close proximity to one another. Symptoms of this situation are decreased transponder range, or, in some extreme cases, complete suppression of the transponder. Interference may sometimes be observed only when the marker receiver is in the HIGH sensitivity mode.

Affected AMR-350 Audio/Marker Panels are to be reworked in accordance with the attached Rockwell-Collins Service Bulletin No. 5.

PARTS AVAILABILITY

Parts may be obtained as outlined in the attached Rockwell-Collins Service Bulletin No. 5.

CREDIT INFORMATION

Parts and labor allowances shall be in accordance with Rockwell-Collins Service Bulletin No. 5.

No parts or labor allowance will be available from Gulfstream American Corporation for compliance with this Service Bulletin.

GULFSTREAM AMERICAN CORPORATION

R. E. Belles, Director
Light Aircraft Customer Service

REB:rjm

Attachment