

American General Aircraft Corporation

Rt. 1 AB 306 • P.O. Box 5757 • Greenville, MS 38704

CRITICAL SERVICE BULLETIN

Contains information pertaining to a threat to the continued safe operation of an aircraft or to the safety of persons or property on the ground unless some specific action is taken by the aircraft owner

CATEGORY 2

SB-184

DATE: JULY 10, 1993
SUBJECT: AILERON CONTROL INTERFERENCE
MODEL / SERIALS AFFECTED: AG-5B 99998 and 10000 through 10158
TIME OF COMPLIANCE: Prior to the next flight

GENERAL:

We have received reports of the aft center console assembly P/N 5102373-508 on some of the above mentioned aircraft collapsing as a result of being stepped on by a rear seat passenger and interfering with aileron control cables and turnbuckles located under the console. This interference can result in partial loss of aileron control which would compromise the continued safe operation of the aircraft.

It is suspected that some of these aircraft were manufactured without the two screws installed that attach the center console to the rear seat forward bulkhead. These screws secure the aft end of the center console to an angle bracket, that is attached to the rear seat forward bulkhead, which prevents the console cover from being forced under the bracket when pressure is applied to the top of the console.

INSPECTION:

To prevent aileron control interference, prior to the next flight, accomplish the following:

1. Peel back the rear edge of the aft center console carpet so that a minimum of one inch of the top of the metal console can be seen.
2. Check for the installation of two (2) AGAES1021Z6-6 screws which secure the 5102373-508 console to the rear seat forward bulkhead. (FIGURE 1)

If the screws are installed, reinstall the carpet, record compliance in the aircraft log book and return the aircraft to service. Complete the attached compliance card and mail to AGAC. No further action is required.

ACTION:

If the screws in (2) above are not installed, accomplish the following:

1. Remove the eight (8) AGAES1021A4-6 retaining screws (FIGURE 1) and remove the aft center console.



2. Locate the -13 angle on the forward rear seat bulkhead. (FIGURE 2)

NOTE

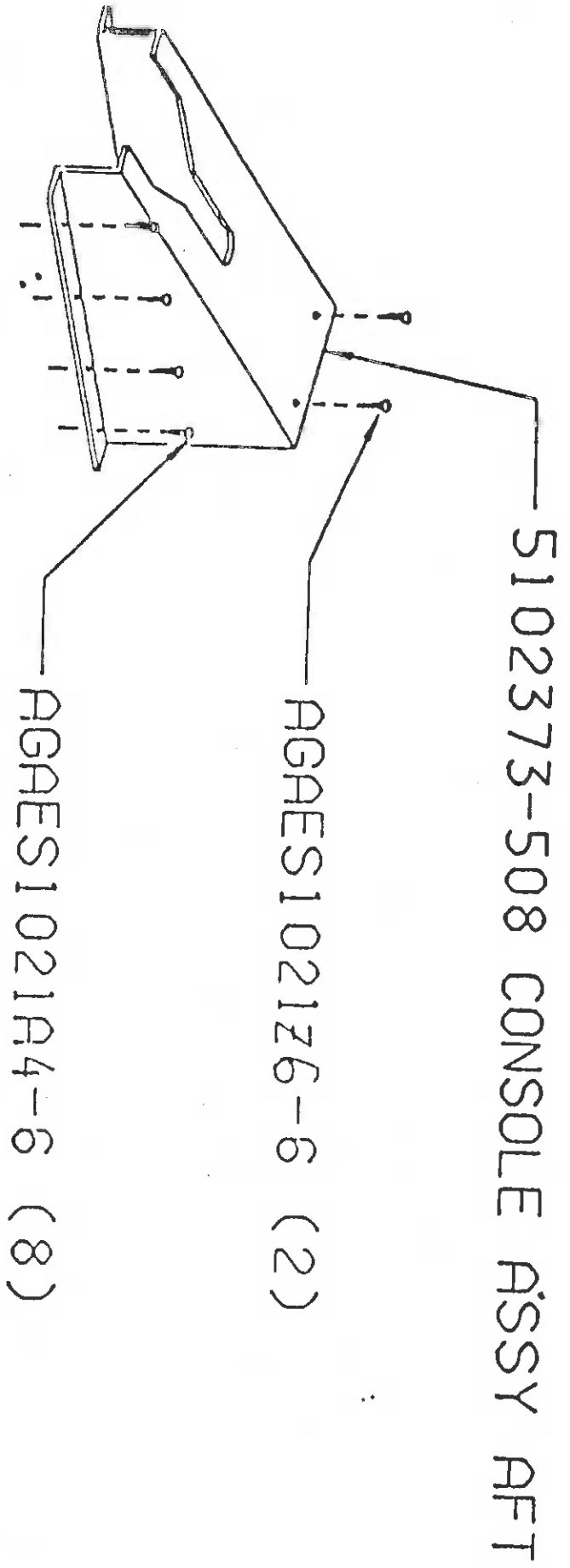
There may be holes with clip nuts installed on the -13 angle. If the holes are located per the drawing in FIGURE 2, proceed with step (4). If the holes are not in the proper location, remove the clip nuts and proceed with step (3).

3. Locate and drill (2) 0.250 inch diameter holes in the -13 angle per the FIGURE 2 drawing and install (2) A1784-6Z-1 clip nuts.
4. Position the -508 console assembly in place and using a #26 drill bit, match drill (2) 0.147 inch diameter holes in the console to align with the holes in the -13 angle.
5. Secure the -508 console to the -13 angle using (2) AGAES1021Z6-6 screws and to the floor using the previously removed (8) AGAES1021A4-6 screws.
6. Re-secure any carpet removed for access.
7. Record compliance in the aircraft log book and return the aircraft to service.
8. Complete the attached compliance card and mail to:

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PARTS AND LABOR CREDIT:

A labor credit of one hour will be issued for those aircraft that are in warranty if the work is preformed by an authorized AGAC Sales Center or Service Center.



NOTE: CARPET NOT SHOWN

FIGURE 1

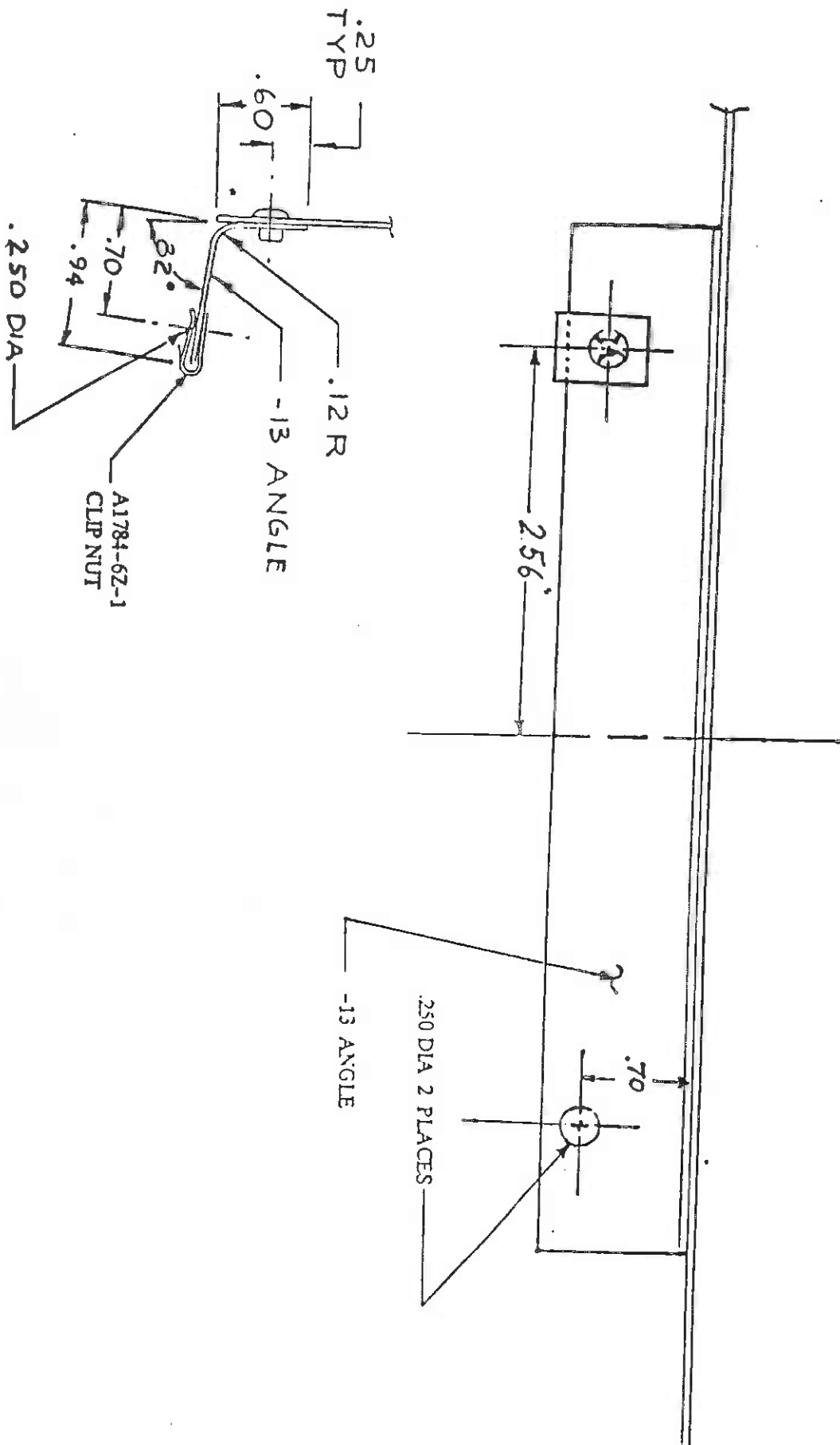


FIGURE 2