



AIRCRAFT, LLC

226 Pilot Way, Martinsburg, WV 25401

## SERVICE BULLETIN

**SB-191**

ATA 5345

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.

**DATE:** April 1, 2005

**SUBJECT:** **Rear Seat Belt Attach Bracket**

**MODEL/SERIALS AFFECTED:** AG-5B 10000 through 10174 and 99998

**TIME OF COMPLIANCE:** Prior to transporting rear seat passengers.

### GENERAL:

We have received reports of incorrect installation of the outboard rear seat belt attach brackets. In the cases reported, doubler plate P/N 5102330-6 was installed between the seat belt attach bracket and the bulkhead and incorrect nuts were used. This arrangement results in reduced seat belt attachment strength when compared to the approved configuration.

### INSPECTION:

Prior to transporting rear seat passengers, accomplish the following:

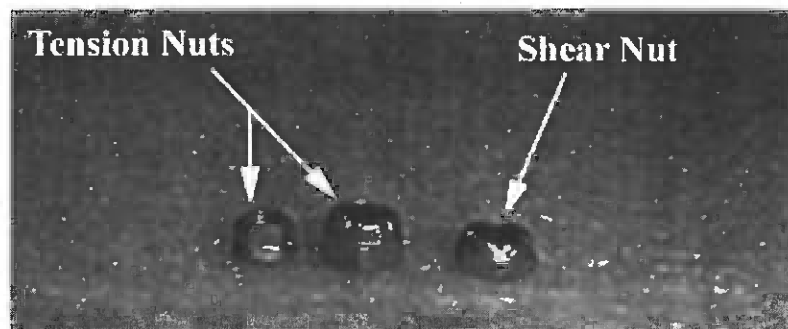
#### Reference Figures 1 and 2

1. Remove the rear seat back cushions by sliding the cushions upward.
2. Grasp the rear of the bottom seat and flip the seat forward.
3. Unsnap the forward edge of the baggage floor carpet where it curves down over the bulkhead and lift the carpet to expose lightening holes in the bulkhead.
4. Visually inspect each outboard rear seat belt attach point for correct parts and hardware installation. A light and mirror may be required to inspect the parts and hardware on the aft side of the bulkhead.

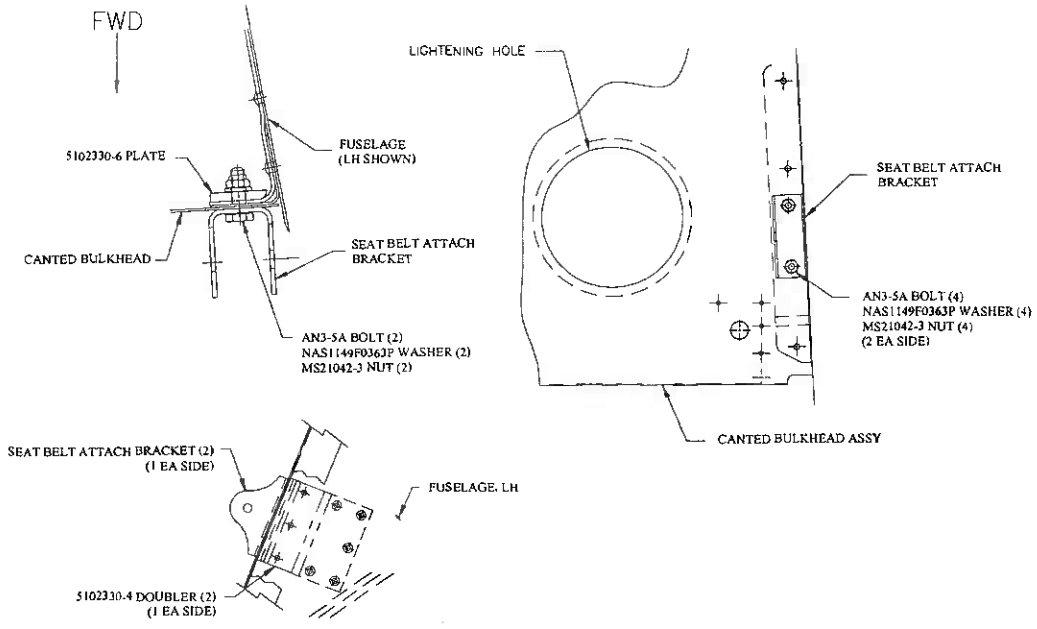
**NOTE: MS20365-1032, MS21044-N3 and MS21042-3 tension nuts are acceptable. Low profile shear nut such as MS20364-1032 or MS21083-N3 are not acceptable. See Figure 1.**

5. If the orientation of the seat belt bracket and -6 plate is correct and correct nuts are installed per figures 1 and 2, accomplish the following:
  - (a) Reinstall the baggage floor carpet.
  - (b) Flip the rear seat bottom to its original position.
  - (c) Reinstall the rear seat back cushions.
  - (d) Record compliance in the aircraft log book.
  
6. If the orientation of the seat belt bracket and -6 plate is not correct and/or incorrect nuts are found, accomplish the following:
  - (a) Remove nuts, washers and two AN3-5A bolts from the seat belt bracket and remove the bracket and -6 plate.
  - (b) Reinstall the bracket and -6 plate as shown in Figure 1. Make sure the -6 plate is positioned with the beveled edge nestled in the corner of the fuselage side panel and the bulkhead.
  - (c) Reattach the seat belt bracket using approved bolts, nuts and washers.
  - (d) Reattach the baggage floor carpet.
  - (e) Flip the rear seat bottom to its original position.
  - (f) Reinstall the rear seat back cushions.
  - (g) Record compliance in the aircraft log book.
  
7. Fill out the attached Form SP14.100 and mail to:

Tiger Aircraft, L.L.C.  
Attn: Customer Service Department  
226 Pilot Way  
Martinsburg, WV 25401



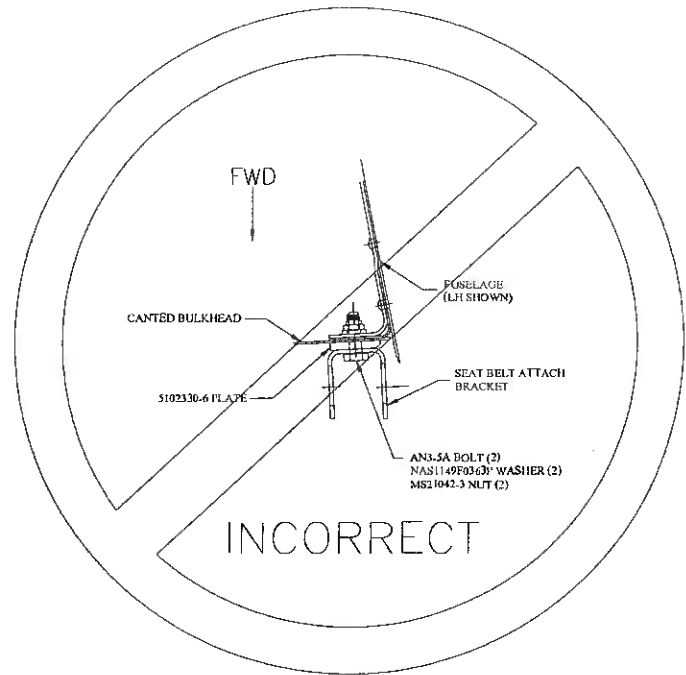
**Figure 1**



**CORRECT INSTALLATION**

**Figure 2**

**NOTE: INCORRECT INSTALLATIONS WILL HAVE THE -6 PLATE ON THE FORWARD SIDE OF THE BULKHEAD AND/OR INCORRECT HARDWARE.**



**INCORRECT INSTALLATION**