

**BEEHCRAFT 35 SERIES AIRCRAFT
SHOULDER HARNESS AND SEAT BELT INSTALLATION INSTRUCTIONS**

AF-34

1. Remove headliner to gain access to bulkhead channel and stringer area.
2. Determine if early or late model by placement of bulkhead channel.
(See Drawing #1)
3. Observe rivet spacing in hat section using existing rivet spacing for placement of structural bracket P/N RB-17-1 or RB-17-2.
4. Placement will be approximately 2" aft or 2" forward of bulkhead channel depending upon early or late model aircraft.
5. Drill out 6 existing rivets in hat section with #30 drill.
6. Place bracket in position (spanning drilled holes) hold in place while drilling bracket using existing holes as a guide. Use #30 drill.
7. Cleco bracket into place using previous drilled holes.
8. Make sure placement of inboard leg of bracket is on inboard side of stringer (See Drawing #2).
9. Drill three #30 holes into stringer using pre-drilled bracket holes as your guide.
10. Cleco bracket in place using previous drilled holes.
11. Drill 6 holes in hat section using pre-drilled holes in bracket as your guide. Use #30 drill.
12. Rivet in place starting with 6 rivets from outside of aircraft into hat section. Use six MS-20470AD-4-5 rivets.
- 12.(a) If you can not get a rivet tool at proper angle for installation of most aft. rivet, you may relocate aft. rivet up to 1/2" forward of its present location.
13. Rivet in place 3 rivets into stringer using MS20470AD-4-4 rivets.
14. Finish riveting 6 cherry lock rivets into side of bracket and hat section using CR 3523-4-3 rivets.
15. Install bolts AN6-7A, nut MS20365-624, washers AN960A-616 and triangle fitting P/N RB-9 per Drawing #3.
16. Reinstall head liner make slot for triangle fitting.
17. Attach shoulder harness per instructions included with shoulder harness.
18. Install seatbelt per instructions included.
19. Make 337 entry and log book entries.
20. Bracket, hardware, seat belt, and shoulder harness weigh 3 lbs. 4 ozs. per unit.

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CHICAGO AIRCRAFT
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AERO FABRICATORS INC.

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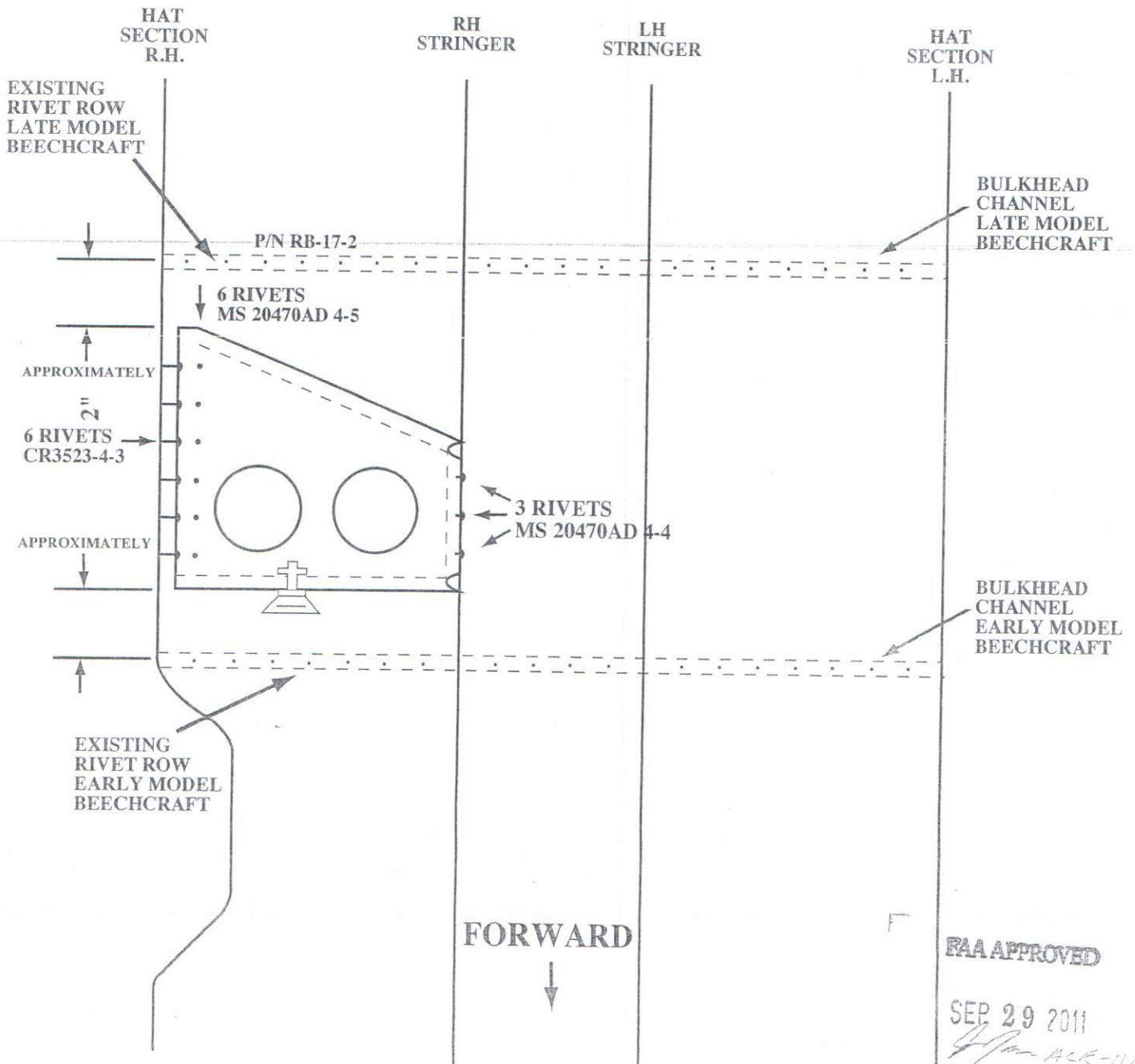
Issue Date: 7/1/1991
Revision Date: 8/11/2011
Revision Level: E
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BEECHCRAFT INSTALLATION INSTRUCTIONS AF-34

DRAWING #1

AFT



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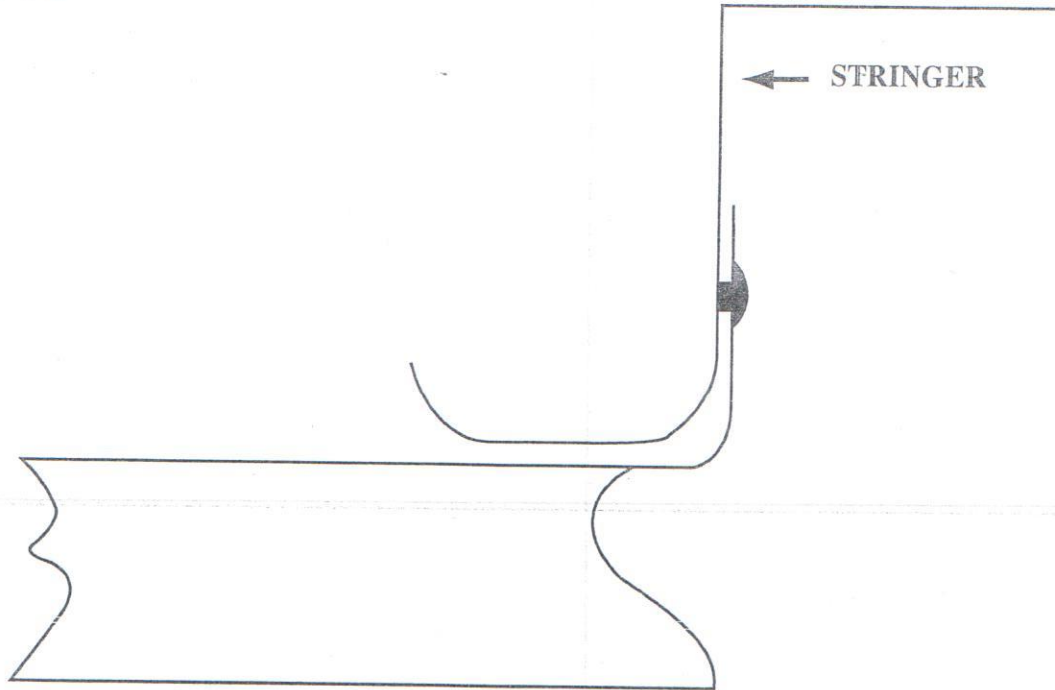
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DRAWING #2

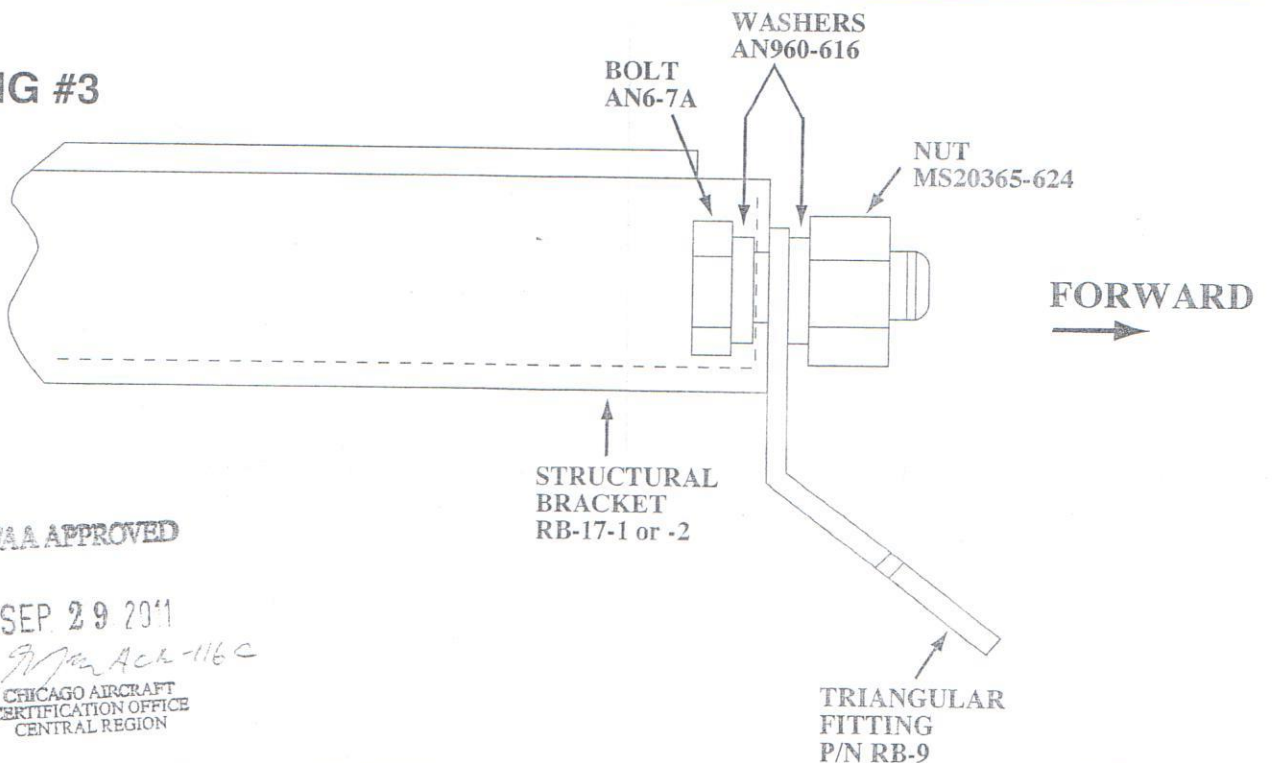
OUTBOARD ← → INBOARD



↑
STRUCTURAL BRACKET
RB-17-1 or -2

DRAWING #3

AFT



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↑
TRIANGULAR
FITTING
P/N RB-9



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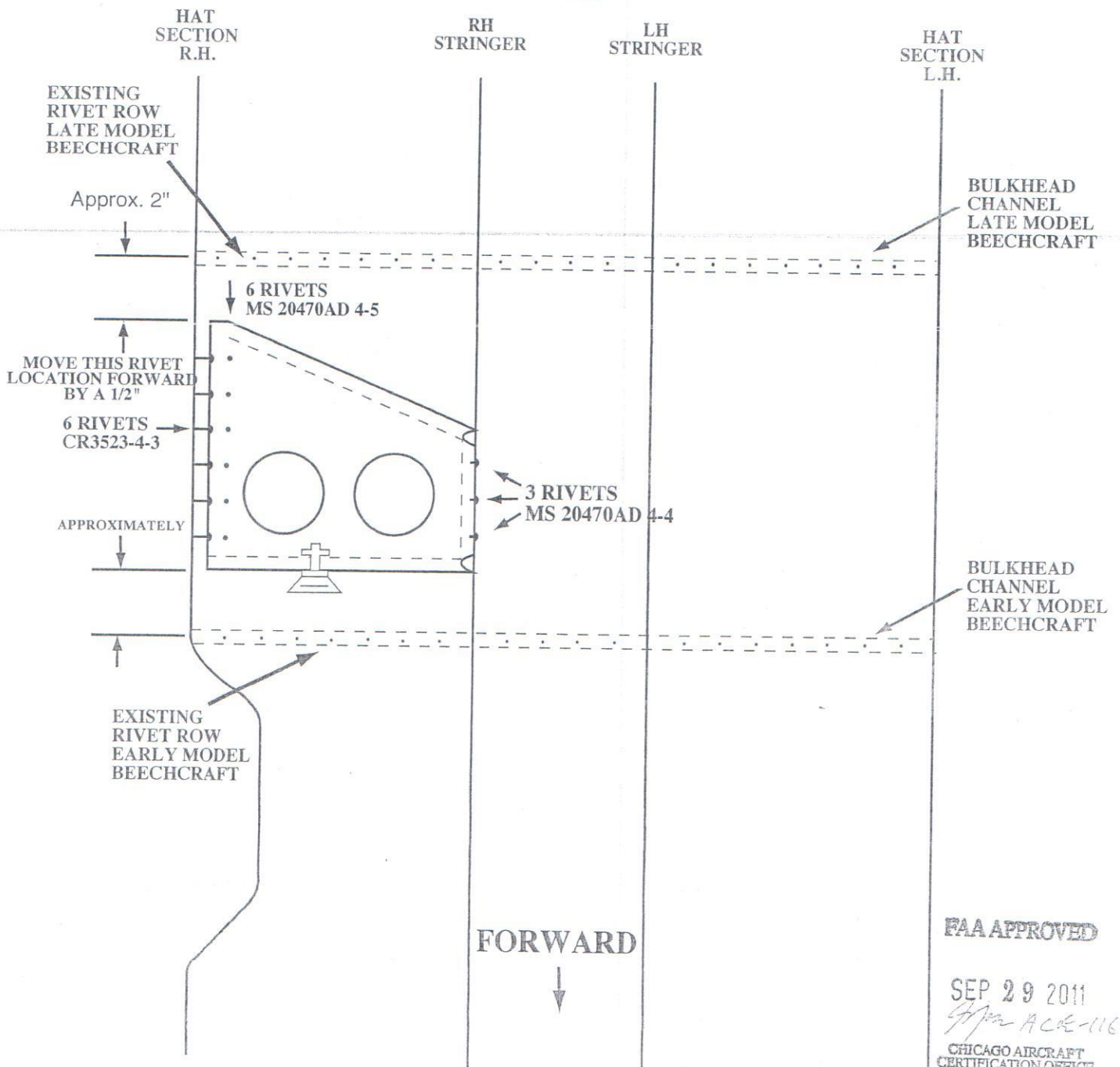
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BEECHCRAFT INSTALLATION INSTRUCTIONS AF-34

DRAWING #1A

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**BEECHCRAFT SEATBELT/SHOULDER HARNESS
BILL OF MATERIALS
AF-34**

- _____ 1 - Seatbelt with instructions Model #90-91
- _____ 1 - Shoulder Harness with instructions H-702-300
- _____ 1 - L406-07A Bolt AN6-7A

- _____ 1 - L365-624 Nut MS20365-624
- _____ 2 - L960-616 Washer AN960-616
- _____ 1 - Angle Attach fitting Drawing RB-9
- _____ 1 - STC #1584GL
- _____ 1 - Structural Bracket RB-17-1 or RB-17-2
- _____ 6 - L699-314 Rivets, MS20470AD4-5
- _____ 3 - L699-313 Rivets, MS20470 AD4-4
- _____ 6 - L699-345 Cherry Locks, CR3523-4-3
- _____ 1 - Installation Instructions AF-34

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