

FUSELAGE TO STRUT ATTACH FITTING LUGS - INSPECTION/CHECK**1. General**

- A. This section has the inspections and checks necessary to keep the fuselage to strut attach fitting lugs in a serviceable condition.

General

TASK 53-20-07-250**2. Fuselage to Strut Attach Fitting Lugs Special Detailed Inspection (Nominal Standard Bolt Size) (Typical Inspection Compliance)**

A. General

- (1) This task includes the Supplemental Inspection Document (SID) requirements necessary to do a special detailed inspection of the fuselage to strut attach fitting lugs.

B. Special Tools

- (1) None

C. Access

- (1) Remove the wing strut-to-wing fairings. Refer to Chapter 57, Wings - Removal/Installation.
- (2) Remove the struts. Refer to Chapter 57, Wings - Removal/Installation.

D. Do a Special Detailed Inspection of the Fuselage to Strut Attach Fitting Lugs.

NOTE: The Model 208/208A airplanes have the fuselage to strut attach fitting lugs installed between FS 166.00 and FS 168.00.

NOTE: The Model 208B airplane has the fuselage to strut attach fitting lugs installed between FS 186.00 and FS 188.00.

- (1) Do a nondestructive testing (NDT) inspection for cracks in the fuselage attach fittings. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current, Fuselage to Strut Attach Fitting Lugs - Description And Operation.
- (2) If no cracks are found, restore access.
- (3) If cracks are found, replace the strut attach fitting lug. Refer to Chapter 57, Wings - Removal/Installation.

E. Restore Access

- (1) Install the struts. Refer to Chapter 57, Wings - Removal/Installation.
- (2) Install the wing strut-to-wing fairings. Refer to Chapter 57, Wings - Removal/Installation.

END OF TASK**TASK 53-20-07-251****3. Fuselage to Strut Attach Fitting Lugs Special Detailed Inspection (Nominal Standard Bolt Size) (Severe Inspection Compliance)**

A. General

- (1) This task includes the Supplemental Inspection Document (SID) requirements necessary to do a special detailed inspection of the fuselage to strut attach fitting lugs.

B. Special Tools

- (1) None

C. Access

- (1) Remove the wing strut-to-wing fairings. Refer to Chapter 57, Wings - Removal/Installation.
- (2) Remove the struts. Refer to Chapter 57, Wings - Removal/Installation.

D. Do a Special Detailed Inspection of the Fuselage to Strut Attach Fitting Lugs.

NOTE: The Model 208/208A airplanes have the fuselage to strut attach fitting lugs installed between FS 166.00 and FS 168.00.

NOTE: The Model 208B airplane has the fuselage to strut attach fitting lugs installed between FS 186.00 and FS 188.00.

- (1) Do a nondestructive testing (NDT) inspection for cracks in the fuselage attach fittings. Refer to the Model 208

Nondestructive testing Manual, Part 6, Eddy Current, Fuselage to Strut Attach Fitting Lugs - Description And Operation.

- (2) If no cracks are found, restore access.
- (3) If cracks are found, replace the strut attach fitting lug. Refer to Chapter 57, Wings - Removal/Installation.

E. Restore Access

- (1) Install the struts. Refer to Chapter 57, Wings - Removal/Installation.
- (2) Install the wing strut-to-wing fairings. Refer to Chapter 57, Wings - Removal/Installation.

END OF TASK

TASK 53-20-07-252

4. Fuselage to Strut Attach Fitting Lugs Special Detailed Inspection (Oversize 1/64 - Inch Bolt Size) (Severe Inspection Compliance)

A. General

- (1) This task includes the Supplemental Inspection Document (SID) requirements necessary to do a special detailed inspection of the fuselage to strut attach fitting lugs.

B. Special Tools

- (1) None

C. Access

- (1) Remove the wing strut-to-wing fairings. Refer to Chapter 57, Wings - Removal/Installation.
- (2) Remove the struts. Refer to Chapter 57, Wings - Removal/Installation.

D. Do a Special Detailed Inspection of the Fuselage to Strut Attach Fitting Lugs.

NOTE: The Model 208/208A airplanes have the fuselage to strut attach fitting lugs installed between FS 166.00 and FS 168.00.

NOTE: The Model 208B airplane has the fuselage to strut attach fitting lugs installed between FS 186.00 and FS 188.00.

- (1) Do a nondestructive testing (NDT) inspection for cracks in the fuselage attach fittings. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current, Fuselage to Strut Attach Fitting Lugs - Description And Operation.
- (2) If no cracks are found, restore access.
- (3) If cracks are found, replace the strut attach fitting lug. Refer to Chapter 57, Wings - Removal/Installation.

E. Restore Access

- (1) Install the struts. Refer to Chapter 57, Wings - Removal/Installation.
- (2) Install the wing strut-to-wing fairings. Refer to Chapter 57, Wings - Removal/Installation.

END OF TASK

TASK 53-20-07-253

5. Fuselage to Strut Attach Fitting Lugs Special Detailed Inspection (Oversize 1/32- Inch Bolt Size) (Severe Inspection Compliance)

A. General

- (1) This task includes the Supplemental Inspection Document (SID) requirements necessary to do a special detailed inspection of the fuselage to strut attach fitting lugs.

B. Special Tools

- (1) None

C. Access

- (1) Remove the wing strut-to-wing fairings. Refer to Chapter 57, Wings - Removal/Installation.
- (2) Remove the struts. Refer to Chapter 57, Wings - Removal/Installation.

D. Do a Special Detailed Inspection of the Fuselage to Strut Attach Fitting Lugs.

NOTE: The Model 208/208A airplanes have the fuselage to strut attach fitting lugs installed between FS 166.00 and FS 168.00.

NOTE: The Model 208B airplane has the fuselage to strut attach fitting lugs installed between FS 186.00 and FS 188.00.

- (1) Do a nondestructive testing (NDT) inspection for cracks in the fuselage attach fittings. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current, Fuselage to Strut Attach Fitting Lugs - Description And Operation.
- (2) If no cracks are found, restore access.
- (3) If cracks are found, replace the strut attach fitting lug. Refer to Chapter 57, Wings - Removal/Installation.

E. Restore Access

- (1) Install the struts. Refer to Chapter 57, Wings - Removal/Installation.
- (2) Install the wing strut-to-wing fairings. Refer to Chapter 57, Wings - Removal/Installation.

END OF TASK