

INSPECTION DOCUMENT MI

| | |
|----------------------|-------|
| Date: | _____ |
| Registration Number: | _____ |
| Serial Number: | _____ |
| Total Time: | _____ |

1. Description

- A. Inspection Document MI gives a list of item(s), which are completed at 5000 hours and every 500 hours thereafter (Chapter 4 requirement - No grace period).
- B. Inspection items are given in the sequence of the zone in which the inspection is completed. A description of the inspection, as well as the Item Code Number are supplied for cross-reference to section 5-10-01. Frequently, tasks give more information about each inspection. These tasks are found in the individual chapters of this manual.
- C. The right portion of each page gives space for the mechanic's and inspector's initials and remarks. You can use copies of these pages as a checklist while you complete the tasks in this Inspection Document.

2. General Inspection Criteria

- A. As you complete each of the inspection tasks in this Inspection Document, examine the adjacent area while access is available to find conditions that need more maintenance.
- B. If it is necessary to replace a component or to make a change to a system while you complete a task, do the task again before the system or component is returned to service.
- C. Inspection Kits are available for some Inspection Documents. They supply consumable materials used to complete the inspection item(s) given for the interval. Refer to the Model 208 Illustrated Parts Catalog, Introduction, Service Kit List to find applicable part numbers.

| ITEM CODE NUMBER | TASK | ZONE | MECH | IN-SP | REMARKS |
|--|--|--------------------|------|-------|---------|
| A531010 | Fuselage to Strut Attach Fitting Lugs (Oversize 1/64 - Inch Bolt Size) (Severe Inspection Compliance) Special Detailed Inspection (SID 53-20-07) Task 53-20-07-252 | 251 252 253 254 | | | |
| *** End of Inspection Document MI Inspection Items *** | | | | | |

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 Task