

INSPECTION DOCUMENT 17

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

1. Description

- A. Inspection Document 17 gives a list of item(s), which are completed at the first 16,500 hours and every 5000 hours thereafter.
- 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 |
|--|---|--------------------|------|-------|---------|
| A535003 | Vertical Stabilizer Attach Points Special Detailed Inspection (Severe Inspection Compliance) (SID 53-50-02) Task 53-10-00-259 | 311 312 320 341 | | | |
| A553002 | Vertical Stabilizer Spars Special Detailed Inspection (Severe Inspection Compliance) (SID 55-30-01) Task 55-30-00-251 | 320 341 | | | |
| *** End of Inspection Document 17 Inspection Items *** | | | | | |

Task 53-10-00-259

22. Vertical Stabilizer Attach Points Special Detailed Inspection (Severe Inspection Compliance)

A. General

- (1) This task includes the Supplemental Inspection Document (SID) requirements necessary to keep the vertical stabilizer attach points in a serviceable condition.

B. Special Tools

- (1) None

C. Access

- (1) Remove the vertical stabilizer. Refer to Chapter 55, Vertical Stabilizer - Removal/Installation.

D. Do a Special Detailed Inspection of the Vertical Stabilizer Attach Points.

- (1) Do a visual inspection for cracks in the fuselage side of the vertical stabilizer forward attach point.
- (2) Do a nondestructive testing (NDT) inspection for cracks at the vertical stabilizer forward attach point holes. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current Inspection, Vertical Stabilizer Attach Points - Description And Operation.
- (3) Do a visual inspection for cracks in the fuselage side of the vertical stabilizer aft attach point.
- (4) Do a NDT inspection for cracks at the vertical stabilizer aft attach point holes. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current Inspection, Vertical Stabilizer Attach Points - Description And Operation.
- (5) If no cracks are found, restore access.
- (6) If cracks are found, replace the damaged parts or contact Cessna Propeller Aircraft Product Support for repair procedures. Refer to Chapter 55, Vertical Stabilizer - Removal/Installation.

E. Restore Access

- (1) Install the vertical stabilizer. Refer to Chapter 55, Vertical Stabilizer - Removal/Installation.

End Task

Task 55-30-00-251

3. Vertical Stabilizer Spars Special Detailed Inspection (Severe Inspection Compliance)

A. General

- (1) This task includes the Supplemental Inspection Document (SID) requirements necessary to keep the vertical stabilizer spars in a serviceable condition.

B. Special Tools

- (1) None

C. Access

- (1) Remove the vertical stabilizer. Refer to Chapter 55, Vertical Stabilizer - Removal/Installation.

D. Do a Special Detailed Inspection of the Vertical Stabilizer Spars.

- (1) Do a visual inspection for cracks in the vertical stabilizer forward spar cap.
- (2) Do a nondestructive testing (NDT) inspection for cracks at the vertical stabilizer forward spar attach holes at WL 126.03. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current Inspection, Vertical Stabilizer Spars - Description And Operation.
- (3) Do a NDT inspection for cracks at the vertical stabilizer forward spar attach holes at WL 134.28. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current Inspection, Vertical Stabilizer Spars - Description And Operation.
- (4) Do a NDT inspection for cracks in the vertical stabilizer forward spar from WL 134.38 to WL 138.00. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current Inspection, Vertical Stabilizer Spars - Description And Operation.
- (5) Do a visual inspection for cracks in the vertical stabilizer aft spar cap.
- (6) Do a NDT inspection for cracks at the vertical stabilizer aft spar attach holes at WL 116.40. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current Inspection, Vertical Stabilizer Spars - Description And Operation.
- (7) Do a NDT inspection for cracks at the vertical stabilizer aft spar attach holes at WL 126.12. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current Inspection, Vertical Stabilizer Spars - Description And Operation.
- (8) Do a NDT inspection for cracks in the vertical stabilizer aft spar from WL 126.12 to WL 129.00. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current Inspection, Vertical Stabilizer Spars - Description And Operation.
- (9) If no cracks are found, restore access.
- (10) If cracks are found, contact Cessna Propeller Aircraft Product Support for repair procedures.

E. Restore Access

- (1) Install the vertical stabilizer. Refer to Chapter 55, Vertical Stabilizer - Removal/Installation.

End Task