

INSPECTION DOCUMENT 18

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

1. Description

- A. Inspection Document 18 gives a list of item(s), which are completed at the first 17,500 hours and every 1000 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
A551005	Horizontal Stabilizer Spars Special Detailed Inspection (Severe Inspection Compliance) (SID 55-10-02) Task 55-10-00-252	373 374			
*** End of Inspection Document 18 Inspection Items ***					

Task 55-10-00-252

4. Horizontal Stabilizer Spars Special Detailed Inspection (Severe Inspection Compliance)

A. General

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

B. Special Tools

- (1) None

C. Access

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

D. Do a Special Detailed Inspection of the Horizontal Stabilizer Forward Spar.

- (1) Do a visual inspection for cracks in the horizontal stabilizer forward spar upper cap.
- (2) Do a nondestructive testing (NDT) inspection for cracks in the horizontal stabilizer forward spar upper cap between SS 0.00 and SS 9.90. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current Inspection, Horizontal Stabilizer Spars - Description And Operation.
- (3) Do a visual inspection for cracks in the horizontal stabilizer forward spar lower cap.
- (4) Do a NDT inspection for cracks in the horizontal stabilizer forward spar lower cap between SS 0.00 and SS 9.90. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current Inspection, Horizontal Stabilizer Spars - Description And Operation.
 - (a) If cracks are found, contact Cessna Propeller Aircraft Product Support for repair procedures.
- (5) If no cracks are found, continue with the inspection.

E. Do a Special Detailed Inspection of the Horizontal Stabilizer Aft Spar.

- (1) Do a visual inspection for cracks in the horizontal stabilizer aft spar upper cap.
- (2) Do a NDT inspection for cracks in the horizontal stabilizer aft spar upper cap between SS 0.00 and SS 10.60. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current Inspection, Horizontal Stabilizer Spars - Description And Operation.
- (3) Do a visual inspection for cracks in the horizontal stabilizer aft spar lower cap.
- (4) Do a NDT inspection for cracks in the horizontal stabilizer aft spar lower cap between SS 0.00 and SS 10.60. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current Inspection, Horizontal Stabilizer Spars - Description And Operation.
 - (a) If cracks are found, contact Cessna Propeller Aircraft Product Support for repair procedures.
- (5) If no cracks are found, restore access.

F. Restore Access

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

End Task