INSPECTION DOCUMENT ML

Date: _____

Registration Number: _____

Serial Number: _____

Total Time: _____

1. Description

A. Inspection Document ML gives a list of item(s), which are completed at 20,000 hours and every 3600 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
A570017	Wing Strut Attachment to Front Spar Special Detailed Inspection (1/32 Inch Oversize Bolt Size) (Severe Inspection Compliance) (SID 57-60-02) Task 57-10-01-255	531 631			
	*** End of Inspection Document ML Inspection Items ***				

Task 57-10-01-255

7. Wing Strut Attachment to Front Spar Special Detailed Inspection (1/32 Inch Oversize Bolt Size) (Severe Inspection Compliance)

A. General
(1) This task includes the Supplemental Inspection Document (SID) requirements necessary to keep the wing strut attachment to the front spar in a serviceable condition.

B. Special Tools
(1) None

C. Access
(1) Remove the wing strut-to-wing fairings. Refer to Wings - Removal/Installation.
(2) Remove the wing struts. Refer to Wings - Removal/Installation.

D. Do a Special Detailed Inspection of the Wing Strut Attachment to Front Spar.
(1) Do a nondestructive testing (NDT) inspection for cracks in the forward spar wing strut attach fitting. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current, Wing Strut Attachment to Front Spar - Description And Operation.
(2) Do a NDT inspection for cracks in the forward spar wing strut attach fitting lug. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current, Wing Strut Attachment to Front Spar - Description And Operation.
(3) If no cracks are found, restore access.
(4) If cracks are found, replace the forward spar wing strut attach fitting. Refer to Chapter 57, Wings - Removal/Installation.

E. Restore Access
(1) Install the wing struts. Refer to Wings - Removal/Installation.
(2) Install the wing strut-to-wing fairings. Refer to Wings - Removal/Installation.

End Task