

INSPECTION DOCUMENT 19

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

1. Description

- A. Inspection Document 19 gives a list of item(s), which are completed at the first 25,000 landings and every 5000 landings 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
A532005	Main Landing Gear Fitting Special Detailed Inspection (SID 53-20-04) Task 53-10-00-254	253 254			
*** End of Inspection Document 19 Inspection Items ***					

Task 53-10-00-254

17. Main Landing Gear Fitting Special Detailed Inspection

- A. General
 - (1) This task includes the Supplemental Inspection Document (SID) requirements necessary to keep the main landing gear fitting in a serviceable condition.
- B. Special Tools
 - (1) Airplane Jacks
 - (2) Tail Stand
- C. Access
 - (1) Remove the main landing gear fairing. Refer to Chapter 32, Main Landing Gear - Maintenance Practices, Main Gear Fairing Removal/Installation.
- D. Do a Special Detailed Inspection of the Main Landing Gear Fitting.
 - (1) Use jacks to lift the airplane. Refer to Chapter 7, Jacking - Maintenance Practices.
 - (2) Do a nondestructive testing (NDT) inspection of the main landing gear fitting attachment holes. Refer to the Model 208 Nondestructive testing Manual, Part 6, Eddy Current, Main Landing Gear Fitting - Description And Operation.
 - (3) If no cracks are found, do the steps that follow:
 - (a) Lower the airplane and remove the jacks. Refer to Chapter 7, Jacking - Maintenance Practices.
 - (b) Restore access.
 - (4) If cracks are found in the attach fitting(s), do the steps that follow:
 - (a) Replace the main landing gear attach fitting. Refer to Chapter 32, Main Landing Gear - Maintenance Practices.
 - (b) Lower the airplane and remove the jacks. Refer to Chapter 7, Jacking - Maintenance Practices.
 - (c) Restore access.
- E. Restore Access
 - (1) Install the main landing gear fairing. Refer to Chapter 32, Main Landing Gear - Maintenance Practices, Main Gear Fairing Removal/Installation.

End Task