

INSPECTION DOCUMENT 08

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

1. Description

- A. Inspection Document 08 gives a list of item(s), which are completed at every 400 Hours or 24 calendar months, whichever occurs first.
- 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
B215001	Compressor Drive Belt Functional Check Task 21-50-00-720	121 122			
A322001	Nose Landing Gear Detailed Inspection Task 32-20-00-220	710			
*** End of Inspection Document 08 Inspection Items ***					

Task 21-50-00-720

2. Compressor Drive Belt Functional Check

NOTE: The functional check of the compressor belt for the freon air conditioning system and the R134A air conditioning system is typical.

A. General

- (1) This section gives the information needed to complete the functional check of the compressor drive belt.

B. Special Tools

- (1) None

C. Access

- (1) None

D. Do the Compressor Drive Belt Functional Check.

- (1) Examine the compressor drive belt for condition, wear and alignment.
- (2) Examine, and if necessary, adjust the compressor drive belt tension. Refer to Adjust Drive Belt , Freon Air Conditioning - Maintenance Practices.

NOTE: The adjustment is typical for the compressor drive belt for R134A air conditioning system.

E. Restore Access

- (1) None

End Task

Task 32-20-00-220

2. Nose Landing Gear Detailed Inspection

A. General

- (1) This task gives the procedures to do a detailed inspection of the nose landing gear.

B. Special Tools

- (1) None

C. Access

- (1) Remove the nose wheel fender (if installed), drag link spring fairing, and the lower cowling to get access to nose gear attach points.

D. Do a Nose Landing Gear Detailed Inspection.

- (1) Inspect the drag link spring fairing for cracks, wear, loose rivets, broken or missing attachment hardware.
- (2) Jack the airplane. Refer to Chapter 7, Jacking - Maintenance Practices.
- (3) Move the nose gear attach points manually at the engine mount and examine for looseness.
- (4) Examine the nose gear drag link spring attach structure for cracks, loose bolts, elongated holes, and corrosion.
 - (a) Examine the nose gear spring yoke for corrosion, security of installation and freedom of rotation at the bearing.
 - (b) Lubricate the nose gear spring yoke bearing. Refer to Chapter 12, Landing Gear - Servicing.
- (5) Examine the nose gear shock strut for evidence of hydraulic leakage.
- (6) Examine the nose wheel fork for damage, corrosion and security of installation.
- (7) Examine the torque links for general condition, wear at the attach points, and security of installation.
 - (a) Lubricate the torque links at the five lubrication points. Refer to Chapter 12, Landing Gear - Servicing.
- (8) Examine the nose gear trunnion bearings for looseness.
 - (a) Lubricate the three lubrication points. Refer to Chapter 12, Landing Gear - Servicing.
- (9) Examine the nose gear shimmy damper for general condition, security, and freedom of movement through its full range of travel.
- (10) Examine the nose gear steering bungee attachment at the steering bellcrank.
- (11) Lower and remove the airplane from the jacks. Refer to Chapter 7, Jacking - Maintenance Practices.

E. Restore Access

- (1) Install the nose wheel fender (if removed), drag link spring fairing, and the lower cowling.

End Task