



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

PULLEYS - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the inspection/check procedures for the pulleys of the flight controls system.
- B. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
20-20-02-200-801-A	PULLEYS - DETAILED INSPECTION	ALL



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TASK 20-20-02-200-801-A

EFFECTIVITY: ALL

2. PULLEYS - DETAILED INSPECTION

A. General

- (1) This task gives the procedures to do the detailed inspection of the pulleys.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the aircraft

H. Preparation

*SUBTASK 841-002-A*

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Do not do other tasks on the flight controls system.
- (3) Make sure that the aircraft is not energized.
- (4) Open the access to the pulleys as necessary.

I. Inspection ([Figure 601](#))

*SUBTASK 220-002-A*

- (1) Inspect the pulleys for worn edges, roughness, and foreign matter embedded in races, etc.
- (2) Check the pulley bearings for general condition, lubrication, corrosion, dirt or paint interfering with rotation.
- (3) Check the pulley alignment to prevent cable chafing from wearing out the pulley edges.
- (4) Check the cable protections or pulley fittings for chafing against the pulley due to misalignment or bruising.
- (5) Check the correct attachment of pulleys.



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- (6) Replace any pulley that does not turn freely, or wobbles, or shows signs of wear according to [Figure 601](#).

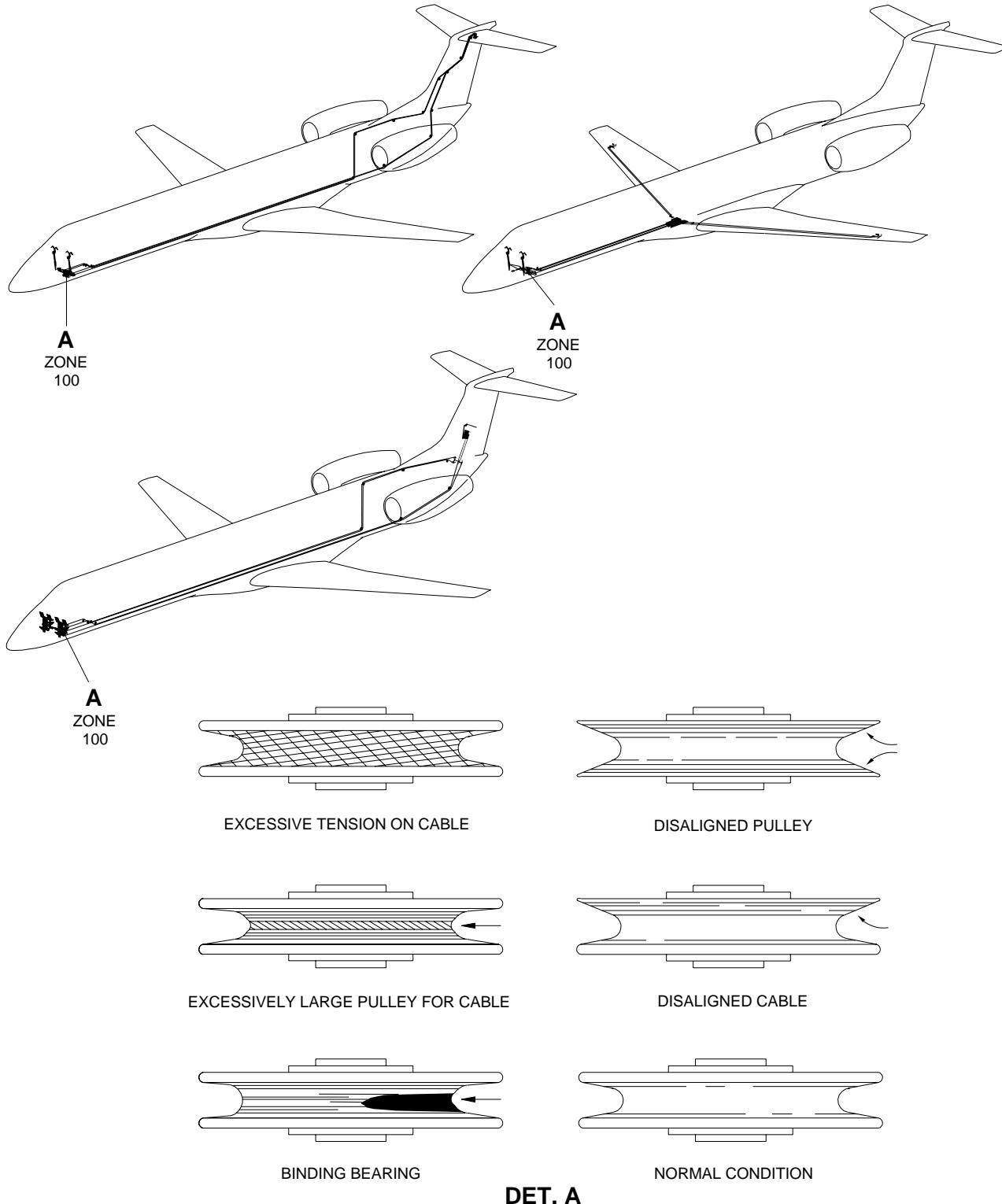
**NOTE:** Whenever you replace a pulley, make sure that you removed the cause of the problem.

### J. Follow-on

#### SUBTASK 842-002-A

- (1) Close the access to the pulleys as necessary.

**EFFECTIVITY: ALL**  
**Pulleys - Inspection**  
**Figure 601**



**DET. A**

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