



AIRCRAFT MAINTENANCE MANUAL

BAGGAGE-DOOR LIFTING AND LOWERING MECHANISM - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do an inspection/check on the baggage-door lifting and Lowering Mechanism for general condition and for torsion on the Torsion Bar.
- 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
52-32-00-200-801-A ♦	BAGGAGE DOOR LIFTING AND LOWERING MECHANISM FOR GENERAL CONDITION AND TORSION BAR FOR TORSION - INSPECTION/CHECK	ALL



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 52-32-00-200-801-A

EFFECTIVITY: ALL

2. BAGGAGE DOOR LIFTING AND LOWERING MECHANISM FOR GENERAL CONDITION AND TORSION BAR FOR TORSION - INSPECTION/CHECK

A. General

- (1) This inspection/check procedure is applicable when you must measure the tension of the baggage door control cables to make sure that the torsional force of the baggage door torsion bar is correct.

B. References

REFERENCE	DESIGNATION
AMM 52-30-00/101	-
AMM TASK 25-51-01-000-801-A/400	BAGGAGE COMPARTMENT LINING - REMOVAL
AMM TASK 25-51-01-400-801-A/400	BAGGAGE COMPARTMENT LINING - INSTALLATION
AMM TASK 52-32-00-820-801-A/500	BAGGAGE-DOOR LIFTING AND LOWERING MECHANISM - ADJUSTMENT/TEST

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
813		Baggage door

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 074	Tensiometer	To do a check on the tension of the baggage door control cables	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Baggage compartment
1	Helps the other technician	Outside, at the baggage door

I. Preparation

SUBTASK 841-002-A

- (1) Open baggage door (AMM 52-30-00/101).

- (2) Remove the baggage compartment lining, as applicable. Refer to [AMM TASK 25-51-01-000-801-A/400](#).

J. Inspect Baggage Door Lifting and Lowering Mechanism for General Condition and Torsion Bar for Torsion ([Figure 601](#))

SUBTASK 220-002-A

- (1) Inspect the torsion bars, gears, cables, drums, lifting rod, for general condition and attachment points.

WARNING: TO CLOSE THE BAGGAGE DOOR, DO NOT LET IT FALL FREELY TO PREVENT DAMAGE TO MATERIAL AND INJURY TO PERSONS.

CAUTION: MAKE SURE TO SET UP THE TENSIOMETER WITH THE CORRECT CABLE DIAMETER, WHICH IS 3/32 in, TO AVOID DAMAGE TO THE TORSION BARS.

- (2) Close and lock the baggage door.
- (3) Measure the tension at the middle of the cable (1) of the baggage door and write the measured value ([Figure 601](#)).
- (4) Open the baggage door.
- (5) Make sure that the found value is 80 ± 5 lb for compensating mechanism with 2 torsion bars or 100 ± 5 lb for compensating mechanism with 3 torsion bars.
- (6) If the value is different, adjust the tension of the baggage door lifting and lowering mechanism ([AMM TASK 52-32-00-820-801-A/500](#)).

K. Follow-on

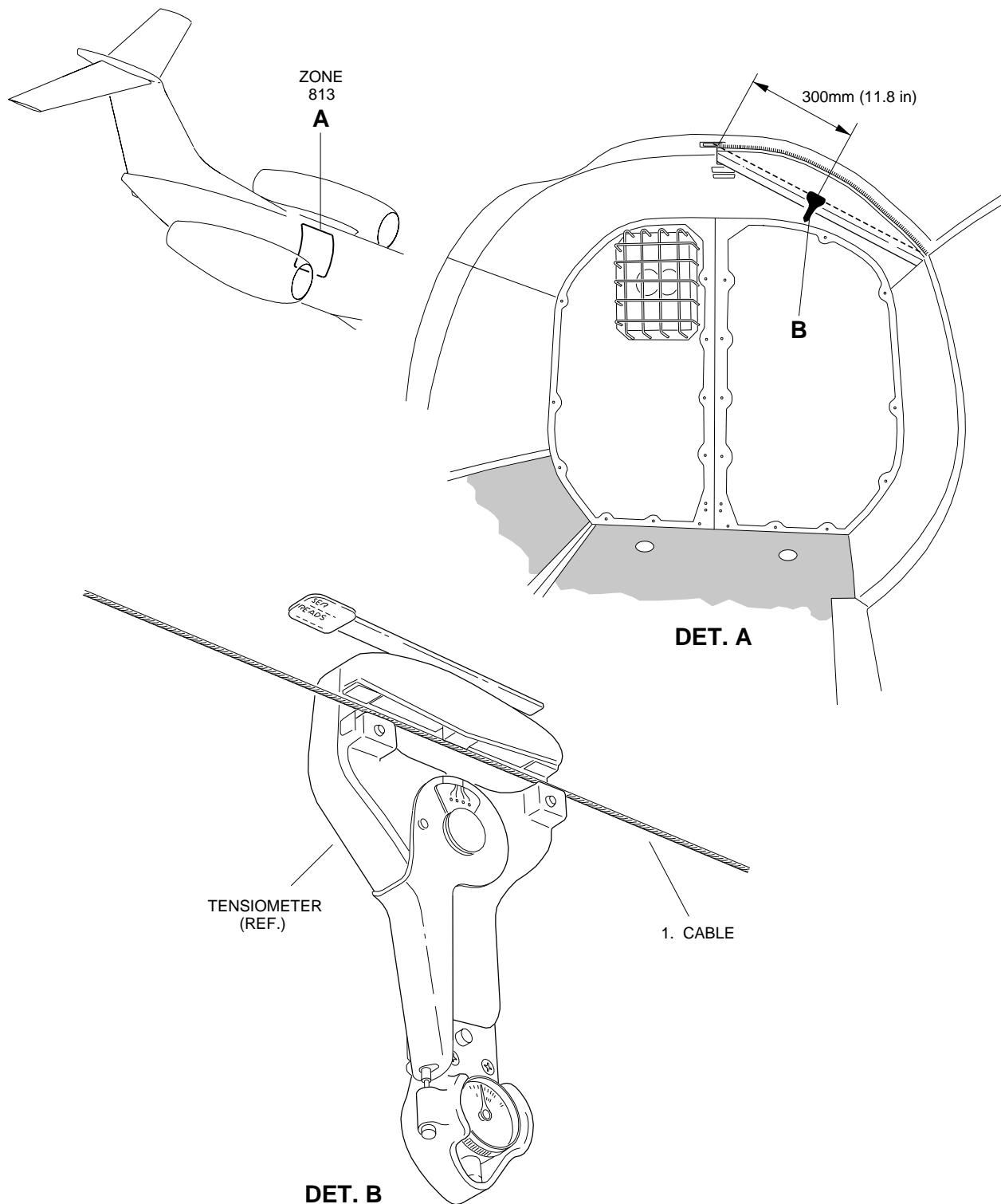
SUBTASK 842-002-A

- (1) Reinstall the baggage compartment lining. Refer to [AMM TASK 25-51-01-400-801-A/400](#).
- (2) Close and lock the baggage door (AMM 52-30-00/101).

EFFECTIVITY: ALL

Inspection of Baggage Door Torsion Bar

Figure 601



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