



AIRCRAFT
MAINTENANCE MANUAL

MOTOR TRANSMISSION BRAKE - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do a check of the Flap Drive Motor Unit (FDMU) for a holding capability.
- 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
27-51-17-700-801-A ♦	MTB (FDMU) HOLDING CAPABILITY - FUNCTIONAL CHECK	ALL

TASK 27-51-17-700-801-A
EFFECTIVITY: ALL
2. MTB (FDMU) HOLDING CAPABILITY - FUNCTIONAL CHECK
A. General

- (1) This task gives the procedures to do a check of the Flap Drive Motor Unit (FDMU) for a holding capability.
- (2) MTB means Motor Transmission Brake.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 27-51-04-000-801-A/400	FLAP FLEXIBLE SHAFT SECTION 1 - REMOVAL
AMM TASK 27-51-04-400-801-A/400	FLAP FLEXIBLE SHAFT SECTION 1 - INSTALLATION

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Commercially available	Torque wrench (see Figure 501)	To torque the FPDU	
GSE 071	Fixture - FTB test	To engage torque wrench into the FPDU	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Wing stub

I. Preparation
SUBTASK 841-002-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Remove the left and right flap flexible shaft (FFS) section 1 from flap power drive unit (FPDU) ([AMM TASK 27-51-04-000-801-A/400](#)).



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J. Functionally Check MTB (FDMU) Holding Capability ([Figure 501](#))

SUBTASK 720-002-A

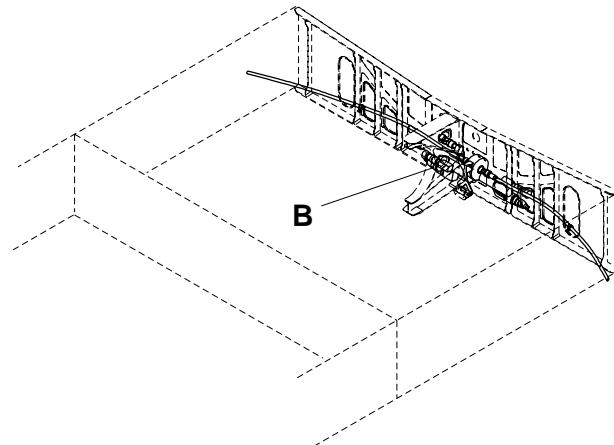
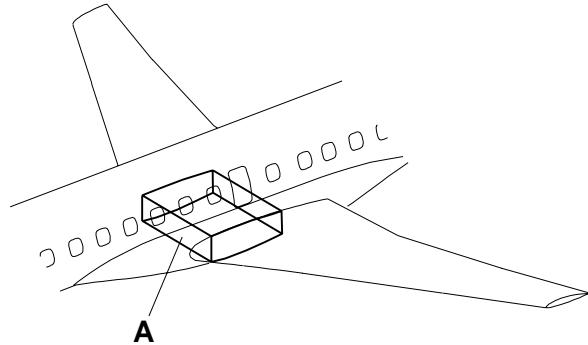
- (1) Install GSE 071 to the right shaft coupling of the FPDU.
- (2) Install the torque wrench to GSE 071.
- (3) Turn the torque wrench clockwise and slowly.
 - (a) Measure the torque necessary to turn the shaft.
 - (b) It must be equal to or more than 8.47 N.m (75 lb.in).
- (4) Turn the torque wrench counterclockwise and slowly.
 - (a) Measure the torque necessary to turn the shaft.
 - (b) It must be equal to or more than 8.47 N.m (75 lb.in).

K. Follow-on

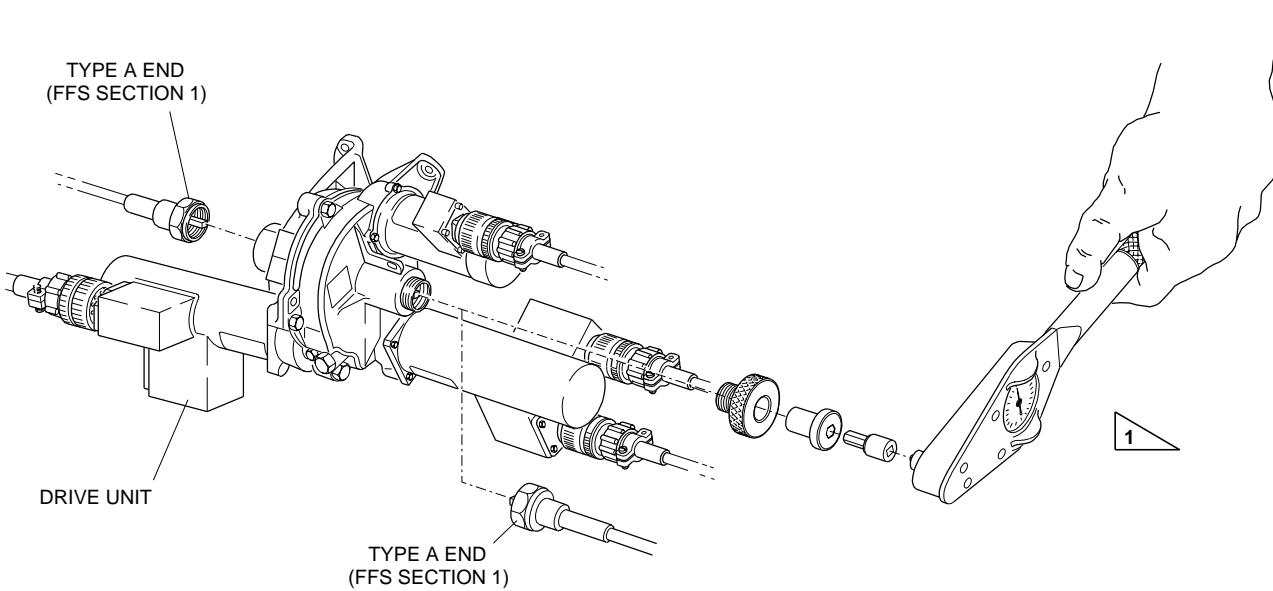
SUBTASK 842-002-A

- (1) Remove the torque wrench from GSE 071.
- (2) Remove GSE 071 from the FPDU.
- (3) Install the left and right flap flexible shaft (FFS) section 1 to the flap power drive unit (FPDU) ([AMM TASK 27-51-04-400-801-A/400](#)).

EFFECTIVITY: ALL
FPDU
Figure 501



DET. A



DET. B



THE TORQUE NECESSARY TO TURN THE FPDU
IN A CLOCKWISE AND COUNTER-CLOCKWISE
DIRECTIONS MUST BE EQUAL TO OR MORE
THAN 8.47 N.m (75 lb.in)

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