



AIRCRAFT
MAINTENANCE MANUAL

THRUST LEVER RESOLVER - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to remove/install the thrust lever resolver.
- B. The thrust lever resolver is installed in the control stand assembly.
- C. These procedures are applicable to the LH and RH thrust lever resolvers.
- D. 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
76-12-01-000-801-A	THRUST LEVER RESOLVER - REMOVAL	ALL
76-12-01-400-801-A	THRUST LEVER RESOLVER - INSTALLA- TION	ALL



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TASK 76-12-01-000-801-A

EFFECTIVITY: ALL

2. THRUST LEVER RESOLVER - REMOVAL

A. General

- (1) Obey these instructions to remove the thrust lever resolver.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 27-63-03-000-801-A/400	SPEED BRAKE COMMAND LEVER - REMOVAL
AMM TASK 76-11-01-000-801-A/400	CONTROL STAND ASSEMBLY - REMOVAL
AMM TASK 76-11-05-000-801-A/400	CONTROL STAND MASK - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223OZ	Control Pedestal
223	223NZ	Control Pedestal
223	223SZ	Control Pedestal
223	223RZ	Control Pedestal

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
01	Does the task	Cockpit

I. Preparation

SUBTASK 841-002-A

- (1) (FOR AIRCRAFT WITH THRUST REVERSER) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:
- POWERPLANT - ELEC. IDLE STOP 1/2
 - POWERPLANT - THRUST REVERSER 1/2

- LIGHTS - PEDESTAL PANEL
 - POWERPLANT - START 1/2
 - POWERPLANT - FADEC 1A/2A - 1B/2B
- (2) (FOR AIRCRAFT WITHOUT THRUST REVERSER) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:
- LIGHTS - PEDESTAL PANEL
 - POWERPLANT - START 1/2
 - POWERPLANT - FADEC 1A/2A - 1B/2B
- (3) Remove access panels 223SZ and 223RZ ([AMM MPP 06-41-03/100](#)).
- (4) Remove the control stand mask ([AMM TASK 76-11-05-000-801-A/400](#)).
- (5) Remove the aileron-disconnect indication light from panel 223NZ, but do not disconnect the electrical connector ([AMM TASK 76-11-01-000-801-A/400](#)).
- (6) **NOTE:** To do the step that follows, loosen the aileron-disconnect indication-light harness through access panel 223RZ.
 Move access panel 223NZ to the right side of the control pedestal ([AMM MPP 06-41-03/100](#)).
- (7) Remove the speed-brake command lever ([AMM TASK 27-63-03-000-801-A/400](#)).
- (8) Remove the elevator-disconnect indication light from panel 223OZ, but do not disconnect the electrical connector ([AMM TASK 76-11-01-000-801-A/400](#)).
- (9) **NOTE:** To do the step that follows, loosen the elevator-disconnect indication-light harness through access panel 223SZ.
 Move access panel 223OZ to the left side of the control pedestal ([AMM MPP 06-41-03/100](#)).

J. Removal ([Figure 401](#))

SUBTASK 020-002-A

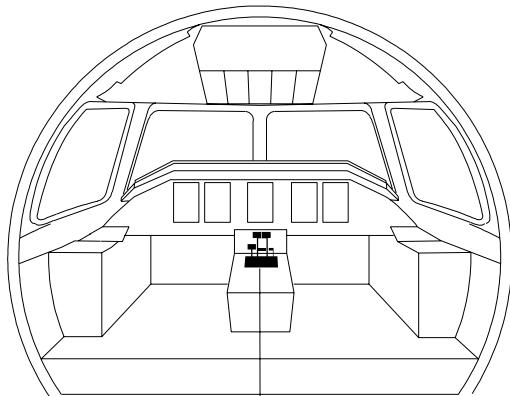
CAUTION: TO REMOVE/INSTALL THE SAME RESOLVER, MOVE THE THRUST LEVER TO THE IDLE POSITION AND MARK THE POSITION OF THE RESOLVER IN RELATION TO THE CONTROL STAND.

- (1) Release the electrical connectors (3) of the related resolver from the control pedestal.
- (2) Cut the lockwire that attaches the shaft of the resolver (4) to the flexible joint (2).
- (3) Remove the sealant from the top of the two setscrews (1) and release them.
- (4) Remove the screws (5), washers (6), support (7), and regulator (8).
- (5) Remove the resolver (4) from the control stand.

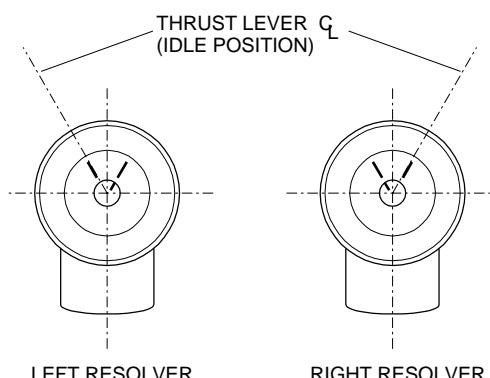
EFFECTIVITY: ALL

Thrust Lever Resolver - Removal/Installation

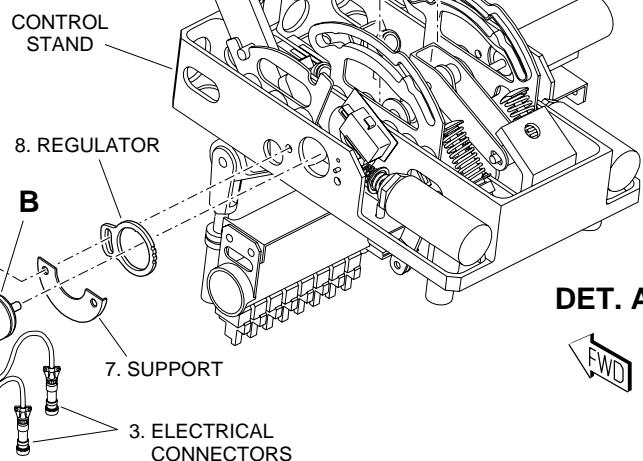
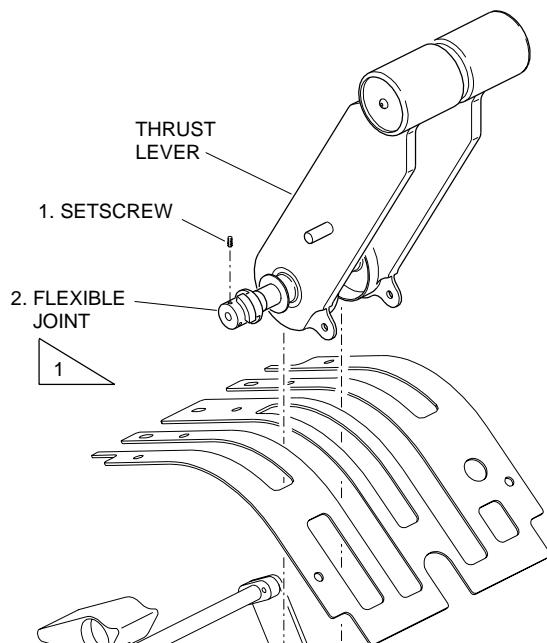
Figure 401



A



DET. B



TORQUE VALUE: 0.45 TO 0.48 Nm (4.0 TO 4.3 Lb.in)

145AMM760015.MCE A



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TASK 76-12-01-400-801-A

EFFECTIVITY: ALL

3. THRUST LEVER RESOLVER - INSTALLATION

A. General

(1) Obey these instructions to install the thrust lever resolver.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 27-63-03-400-801-A/400	SPEED BRAKE COMMAND LEVER - INSTALLATION
AMM TASK 76-11-01-400-801-A/400	CONTROL STAND ASSEMBLY - INSTALLATION
AMM TASK 76-11-05-400-801-A/400	CONTROL STAND MASK - INSTALLATION
AMM TASK 76-12-01-700-801-A/500	THRUST LEVER RESOLVER - FUNCTIONAL CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223OZ	Control Pedestal
223	223NZ	Control Pedestal
223	223SZ	Control Pedestal
223	223RZ	Control Pedestal

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
Dow Corning 780	Sealing compound	AR
MS20995C20	Lockwire	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
01	Does the task	Cockpit



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I. Installation (Figure 401)

SUBTASK 420-002-A

CAUTION: TO INSTALL THE SAME RESOLVER AS YOU REMOVED BEFORE, PUT THE THRUST LEVER TO THE IDLE POSITION AND INSTALL THE RESOLVER IN THE POSITION THEN MARKED IN RELATION TO THE CONTROL STAND.

- (1) Put the resolver (4) on the control stand.
- (2) Install the regulator (8) and support (7) with the screws (5) and washers (6).
- (3) Put the thrust lever in the idle position.
- (4) Align the mark on the shaft with the mark on the housing of the resolver. Tighten the two setscrews (1). Refer to figure 401 for torque values and details.
- (5) Apply a coat of Dow-Corning-780 sealing compound on the setscrew (1).
- (6) Lockwire the flexible joint (2) to the shaft of the resolver (4).
- (7) Install the electrical connectors (3) of the resolver (4) to the related connectors on the control pedestal.

J. Follow-on

SUBTASK 842-002-A

- (1) Do a thrust-lever-resolver functional check ([AMM TASK 76-12-01-700-801-A/500](#)).
- (2) Install access panel 223OZ ([AMM MPP 06-41-03/100](#)).
- (3) Install the elevator-disconnect indication light to panel 223OZ ([AMM TASK 76-11-01-400-801-A/400](#)).
- (4) Install the speed-brake command lever ([AMM TASK 27-63-03-400-801-A/400](#)).
- (5) Install access panel 223NZ ([AMM MPP 06-41-03/100](#)).
- (6) Install the aileron-disconnect indication light to panel 223NZ ([AMM TASK 76-11-01-400-801-A/400](#)).
- (7) Install the control stand mask ([AMM TASK 76-11-05-400-801-A/400](#)).
- (8) Install access panels 223SZ and 223RZ ([AMM MPP 06-41-03/100](#)).
- (9) (FOR AIRCRAFT WITH THRUST REVERSER) On the circuit breaker panel, remove the DO-NOT-CLOSE tags and close these circuit breakers:
 - POWERPLANT - ELEC. IDLE STOP 1/2.
 - POWERPLANT - THRUST REVERSER 1/2.
 - LIGHTS - PEDESTAL PANEL.
 - POWERPLANT - START 1/2.
 - POWERPLANT - FADEC 1A/2A - 1B/2B.



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(10) (FOR AIRCRAFT WITHOUT THRUST REVERSER) On the circuit breaker panel, remove the DO-NOT-CLOSE tags and close these circuit breakers:

- LIGHTS - PEDESTAL PANEL.
- POWERPLANT - START 1/2.
- POWERPLANT - FADEC 1A/2A - 1B/2B.

