

HOLD-OPEN ROD - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the lower cowling hold - open rod.
- B. These procedures are applicable to the LH and RH engines.
- C. 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
71-12-02-000-801-A	HOLD - OPEN ROD - REMOVAL	ALL
71-12-02-400-801-A	HOLD - OPEN ROD - INSTALLATION	ALL

TASK 71-12-02-000-801-A

EFFECTIVITY: ALL

2. HOLD - OPEN ROD - REMOVAL

A. General

(1) Obey the instructions below to remove the hold - open rod.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-12-01-000-801-A/400	ENGINE LOWER COWLING - OPENING

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower cowling	LH engine
423	Lower cowling	RH engine

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Engine Nacelle

I. Preparation

SUBTASK 841-002-A

(1) Put the work stand in position and get access to the engine nacelle.

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

SUBTASK 020-002-A

WARNING: DO NOT TOUCH THE ENGINE COMPONENTS UNTIL THEY ARE COOL. TEMPERATURE CAN STAY HOT AFTER THE ENGINE STOPS.

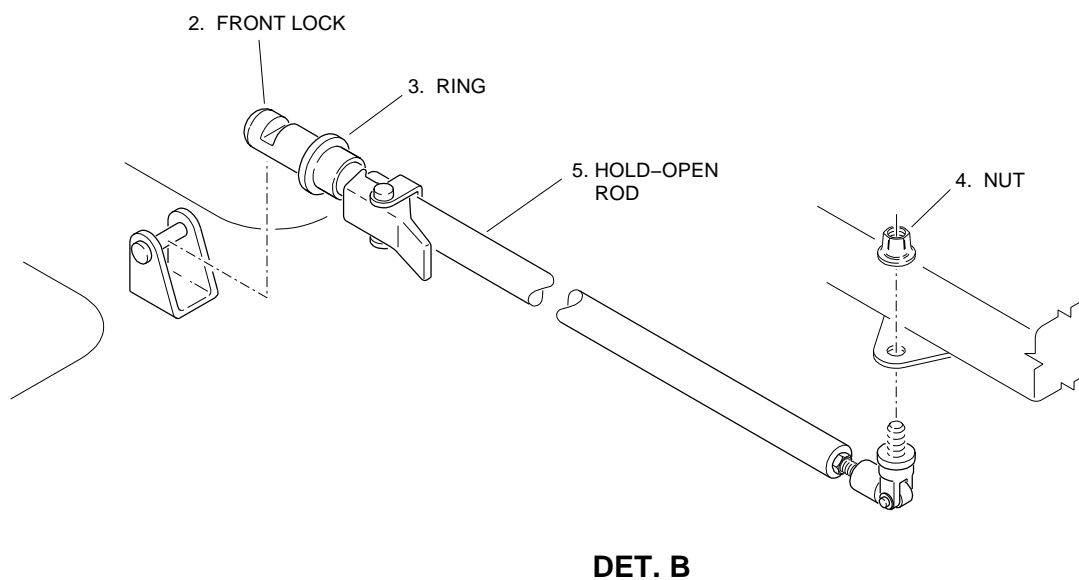
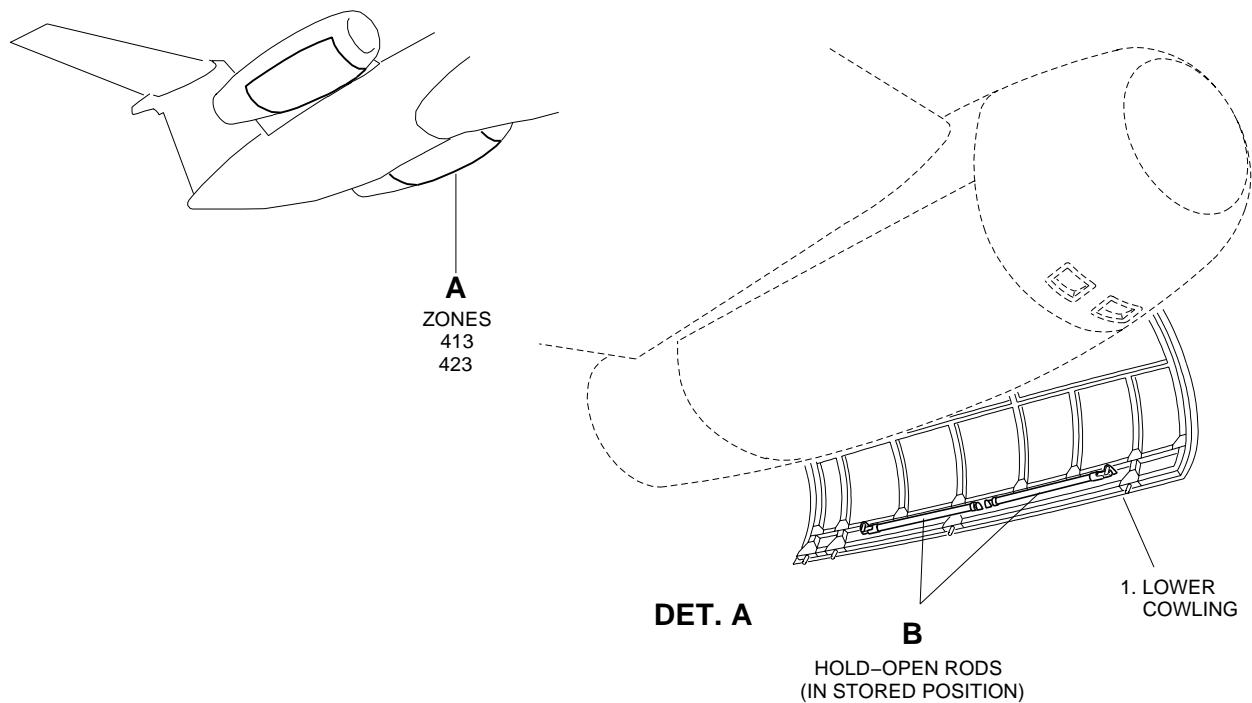
NOTE: To make the procedure easier, the third latch (from front to rear) must be the last one to be opened.

- (1) Release the first, the second and the fourth latches (from front to rear). Lock the hook in the latches ([AMM TASK 71-12-01-000-801-A/400](#)).
- (2) Hold the lateral handle of the lower cowling. Release the third latch (from front to rear) and lock the hook ([AMM TASK 71-12-01-000-801-A/400](#)).
- (3) Let the lower cowling go down slowly.
- (4) Release the front locks (2) of the hold - open rods, while the rings (3) are moved away. This will release the hold - open rods (5) from the lower cowling (1).
- (5) Remove the nuts (4) and remove the hold - open rods (5).

EFFECTIVITY: ALL

Hold - Open Rod - Removal/Installation

Figure 401



EM145AMM710087B.DGN

TASK 71-12-02-400-801-A
EFFECTIVITY: ALL

3. HOLD - OPEN ROD - INSTALLATION

A. General

(1) Obey the instructions below to install the hold - open rod.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-12-01-400-801-A/400	ENGINE LOWER COWLING - CLOSING

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower cowling	LH engine
423	Lower cowling	RH engine

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Engine Nacelle

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the hold - open rod (5) in the installation position.
- (2) Install the nuts (4).
- (3) Push the front lock (2) to its stored position.

J. Follow on

SUBTASK 842-002-A

NOTE: To make the procedure easier, the third latch (from front to rear) must be the first one to be closed.

- (1) Release the hook of the third latch (from front to rear). Close the lower cowling (1) with the lateral handle and lock the latch to the apron keeper ([AMM TASK 71-12-01-400-801-A/400](#)).
- (2) Release the first, the second and the fourth latch (from front to rear), and lock the latches to apron keeper ([AMM TASK 71-12-01-400-801-A/400](#)).
- (3) Make sure that the latches are aligned with the cowling skin.
- (4) Remove the work stand from the work area.