



## AIRCRAFT MAINTENANCE MANUAL

### ENGINE FIRE EXTINGUISHING BOTTLE PRESSURE SWITCH - ADJUSTMENT/TEST

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedures to do the check of the pressure gauge and switch of the engine fire extinguishing bottles.
- 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
26-21-03-700-801-A ♦	PRESSURE GAUGE AND SWITCH OF ENGINE FIRE EXTINGUISHING BOTTLE - FUNCTIONAL CHECK	ALL



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 26-21-03-700-801-A

EFFECTIVITY: ALL

2. PRESSURE GAUGE AND SWITCH OF ENGINE FIRE EXTINGUISHING BOTTLE - FUNCTIONAL CHECK

A. General

- (1) To do this check, it is necessary to remove the fire extinguishing bottle from the aircraft.
- (2) To do the task, refer to the instructions in Pacific Scientific CMM 26-20-202.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 26-21-02-000-801-A/400	ENGINE FIRE-EXTINGUISHING BOTTLE - REMOVAL
AMM TASK 26-21-02-400-801-A/400	ENGINE FIRE-EXTINGUISHING BOTTLE - INSTALLATION
Pacific Scientific CMM 26-20-202	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
312	312AR	Tail cone compartment

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To get access to the tail cone compartment	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Tail cone compartment

I. Preparation

SUBTASK 841-002-A

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 71-00-00/200 TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.**

- (1) On the circuit breaker panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them:
  - FIRE EXTG BTL A 1/2.
  - FIRE EXTG BTL B 1/2.
- (2) Install the ladder in the work area.
- (3) Open the access panel 312AR (AMM MPP 06-42-00/100) to get access to the tail cone compartment.
- (4) Remove the engine fire extinguishing bottle ([AMM TASK 26-21-02-000-801-A/400](#)).

J. Functionally Check Engine Fire Extinguishing Bottle Pressure Switch

SUBTASK 720-002-A

- (1) Do a functional check of the pressure gauge and switch of the engine fire extinguishing bottle. Refer to the last revision of Pacific Scientific CMM 26-20-202.

K. Follow-on

SUBTASK 842-002-A

- (1) Install the engine fire extinguishing bottle ([AMM TASK 26-21-02-400-801-A/400](#)).
- (2) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:
  - FIRE EXTG BTL A 1/2.
  - FIRE EXTG BTL B 1/2.
- (3) On the EICAS display, make sure that the messages below are not shown.
  - E1 EXT BTLA INOP.
  - E1 EXT BTLB INOP.
  - E2 EXT BTLA INOP.
  - E2 EXT BTLB INOP.
- (4) Close the access panel 312AR (AMM MPP 06-42-00/100).
- (5) Remove the ladder.

