

## AIRCRAFT MAINTENANCE MANUAL

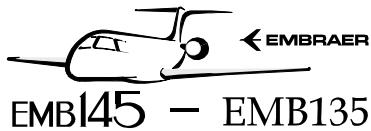
### ENGINE FIRE EXTINGUISHING BOTTLE - INSPECTION/CHECK

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedures to do a check of the weight of the engine-fire extinguishing bottle and examine its pressure gauge for the correct indication.
- 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
26-21-02-200-801-A	ENGINE-FIRE EXTINGUISHING BOTTLE - ALL INSPECTION	



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TASK 26-21-02-200-801-A

EFFECTIVITY: ALL

2. ENGINE-FIRE EXTINGUISHING BOTTLE - INSPECTION

A. General

- (1) To do the inspection, it is necessary that you remove the engine fire extinguishing bottle from the aircraft.
- (2) You can do the weight check beside/under the aircraft.

B. References

REFERENCE	DESIGNATION
AMM TASK 26-21-02-000-801-A/400	ENGINE FIRE-EXTINQUISHING BOTTLE - REMOVAL
AMM TASK 26-21-02-400-801-A/400	ENGINE FIRE-EXTINQUISHING BOTTLE - INSTALLATION
Pacific Scientific CMM 26-20-202 and supplement 33600057	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
312	312AR	Tail cone compartment

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Weighing Scale - up to 65 kg (120 lb) ± 0.005 kg (0.01 lb)	To weigh the fire extinguisher bottle	
Pacific Scientific	Cradle, Fire Extinguisher (P/N 83000346)	To position the fire extinguishing bottle on the weighing scale	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To give 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

- (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) Put the ladder in the work area.
- (3) Remove the engine fire extinguishing bottle ([AMM TASK 26-21-02-000-801-A/400](#)).

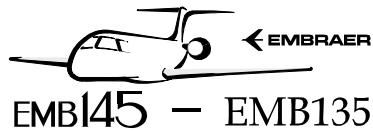
J. Engine Fire Extinguisher Bottle - Weight and Pressure Check ([Figure 601](#))

SUBTASK 280-002-A

**WARNING:** INCORRECT HANDLING OF A CHARGED FIRE EXTINGUISHER BOTTLE CAN CAUSE ACCIDENTAL DISCHARGE OF THE EXTINGUISHING AGENT AND POSSIBLE INJURY TO PERSONS. MAKE SURE THAT THERE IS A PROTECTION ON THE OUTLETS OF THE DISCHARGE TUBING BEFORE YOU MOVE THE BOTTLE. DO NOT HIT THE BOTTLE AGAINST AIRCRAFT PARTS AND PREVENT DAMAGE TO THE BOTTLE. DO NOT APPLY PRESSURE TO, OR INSERT ANYTHING INTO THE DISCHARGE OUTLET OR FILL FITTING.

**WARNING:** IF THE FIRE EXTINGUISHER BOTTLE DISCHARGES, DO NOT BREATHE THE HALON GASES OR GET HALON ON YOUR SKIN OR IN YOUR EYES. MAKE SURE ALL PERSONNEL GO TO A SAFE AREA WITH A GOOD AIRFLOW. HALON GASES CAN CAUSE SKIN AND EYE IRRITATION.

- (1) Do the weighing of the engine fire extinguisher bottle (1). You can refer to the latest revision as given in Pacific Scientific CMM 26-20-202 and supplement 33600057, or do the steps that follow:
  - (a) Put a cradle on the Weighing Scale. Adjust the weighing scale to zero.  
NOTE: You can use equivalent materials for these items.
  - (b) Remove all protective caps on the unit and put the unit on the scale.
  - (c) Weigh the unit. Adjust the accuracy of the weighing scale to nearest 0.005 kg (0.01 lb).  
NOTE: • The weight marked on the identification plate (2) does not include the protective caps.
  - (d) Compare the current weight of the engine fire extinguisher bottle (1) to the last weight etched on the identification plate (2). If the engine fire extinguisher bottle weight is more than 0.05 kg (0.10 lb) below or above the last recorded weight, replace the engine fire extinguisher bottle (1).
  - (e) Install the protective caps.



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- (2) Examine the pressure gauge of the engine fire extinguishing bottle (1) for correct indication. You can refer to the latest revision of Pacific Scientific CMM 26-20-202 and supplement 33600057, or do the step that follows:

- (a) Check the pressure indication of the engine fire extinguishing bottle (1).

NOTE: Refer to data plate (3) that shows specified information about temperature - pressure range.

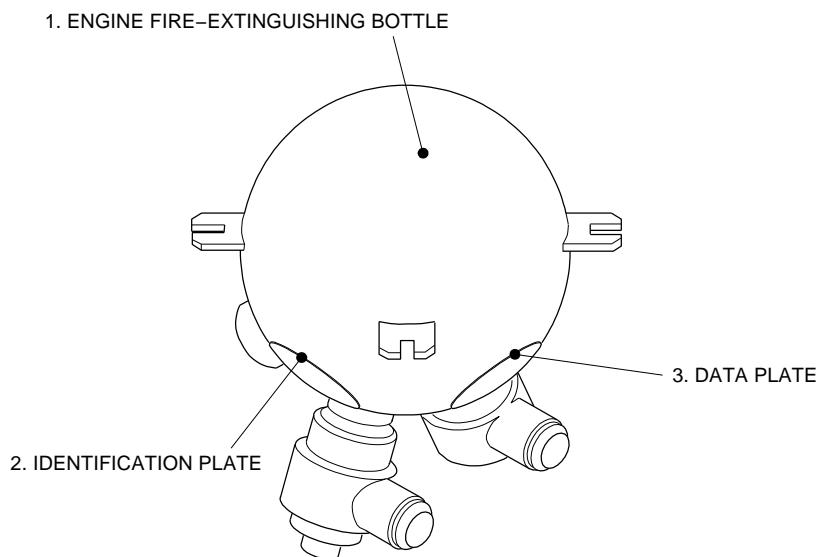
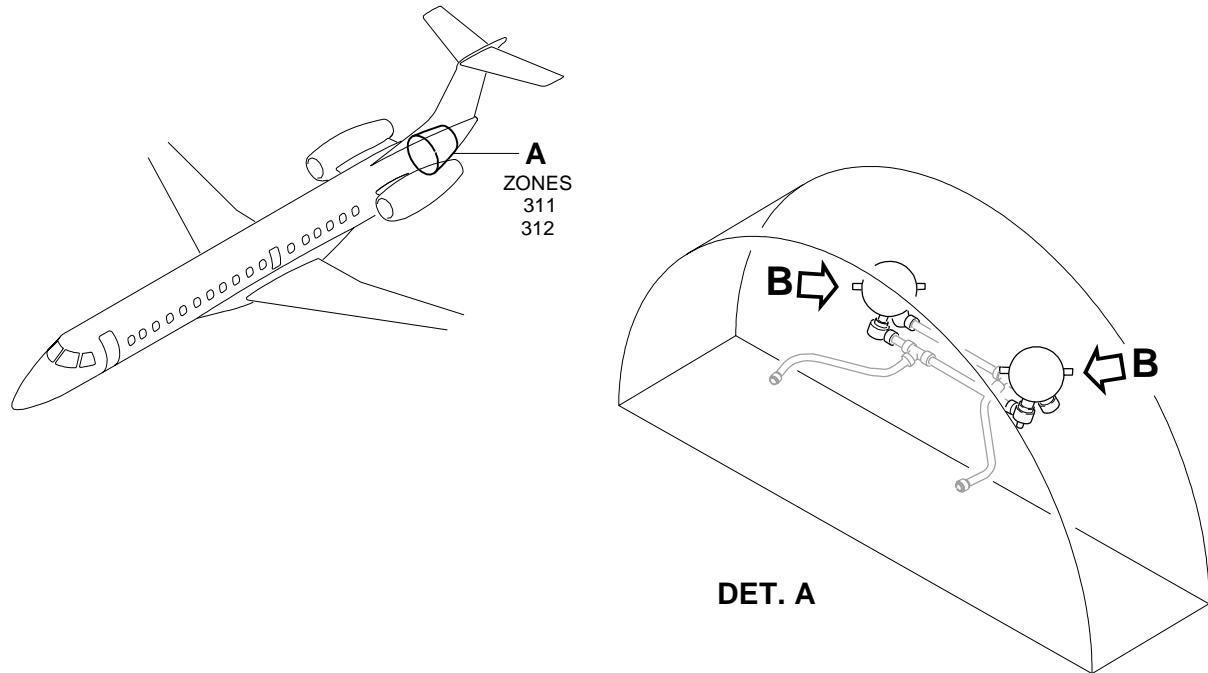
- 1 If the pressure indication is in the specified range, it is within the acceptable parameters.
- 2 If the pressure indication is out of the specified range, replace the engine fire extinguishing bottle.

K. Follow-on

SUBTASK 842-002-A

- (1) Install the engine-fire extinguishing bottle ([AMM TASK 26-21-02-400-801-A/400](#)).
- (2) Remove the ladder from the work area.
- (3) 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.

**EFFECTIVITY: ALL**  
 Engine Fire Extinguishing Bottle  
 Figure 601



**B**  
 TYPICAL

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