

CHAPTER

26

FIRE PROTECTION



737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL

CHAPTER 26
FIRE PROTECTION

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| R 3 | Feb 05/2016 | | | | |
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A = Added, R = Revised, D = Deleted, O = Overflow

26-EFFECTIVE PAGES

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CHAPTER 26
FIRE PROTECTION

| <u>SUBJECT</u> | <u>TITLE</u> | <u>PART NO.</u> |
|-----------------------|--|--|
| 26 | FIRE PROTECTION | |
| 26-10-01 | NUT DRIVER - LIGHT BASE | C26003-1 |
| 26-10-02 | TEST EQUIPMENT - COMPARTMENT OVERHEAT DETECTION (M237, IN-LINE) | C26007-1, -72 |
| 26-20-01 | TEST EQUIPMENT - FIRE EXTINGUISHING SYSTEM | F80229-15, -20, -48, -52, -55, -56, -57, -58, -59, -60, -61, -69 |
| 26-20-02 | TEST BOX - APU/ENGINE FIRE DETECTION SYSTEM | C26005-1 |
| 26-20-03 | TEST EQUIPMENT - ENGINE FIRE EXTINGUISHING SYSTEM | C26004-32, -33, -73, -74, -78, -79, -8 |
| 26-20-04 | TEST EQUIPMENT - DISCHARGE LINES, CARGO FIRE EXTINGUISHER | B26002-1 |
| 26-20-05 | TEST BOX - CARGO FIRE EXTINGUISHING SYSTEM | C26006-1, -29, -54, -70 |

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PART NUMBER: C26003-1

NAME: NUT DRIVER - LIGHT BASE

AIRPLANE MAINTENANCE: NO

COMPONENT MAINTENANCE: YES

CMM 26-10-45, CMM 26-10-46, CMM 26-10-47, CMM 26-10-48, CMM 26-10-49

USAGE & DESCRIPTION: The C26003-1 light base nut driver is used during component maintenance on all 737-100 thru -900 airplanes .

C26003 is used to remove or install part number 282-1001-001 indicator light base assemblies installed in 69-37307 engine and APU fire control modules during component maintenance. C26003 is used in conjunction with a customer-furnished nut driver and a Utica, TS100, 80 inch-ounce (7.06 millinewton meter) torque limiting screwdriver. Refer to the current C26003 tool drawing, CMM 26-10-45, CMM 26-10-46, CMM 26-10-47, CMM 26-10-48 and CMM 26-10-49 for complete usage instructions.

The C26003-1 light base nut driver consists of:

| C26003-1 | | |
|----------|--------------|-------------|
| QUANTITY | NOMENCLATURE | PART NUMBER |
| 1 | NUT DRIVER | C26003-2 |
| 1 | STORAGE BOX | |

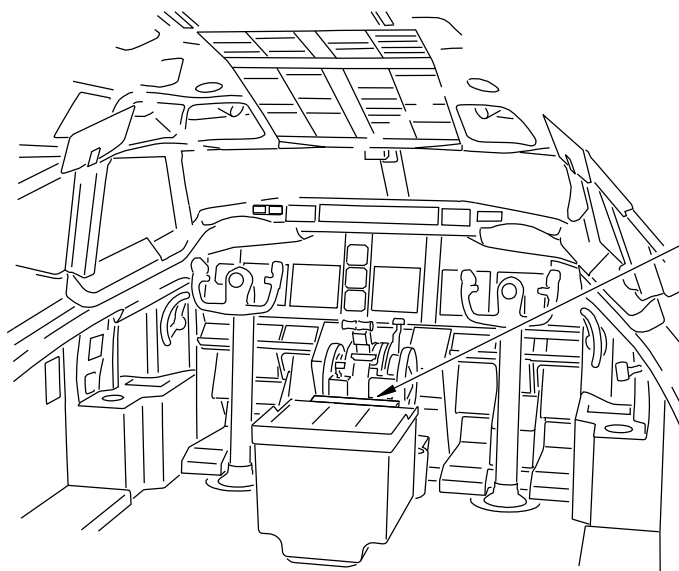
WEIGHT: 0.2 lbs (0.1 kg)

DIMENSIONS: 0.5 dia x 8.0 inches (13 dia x 203 mm)

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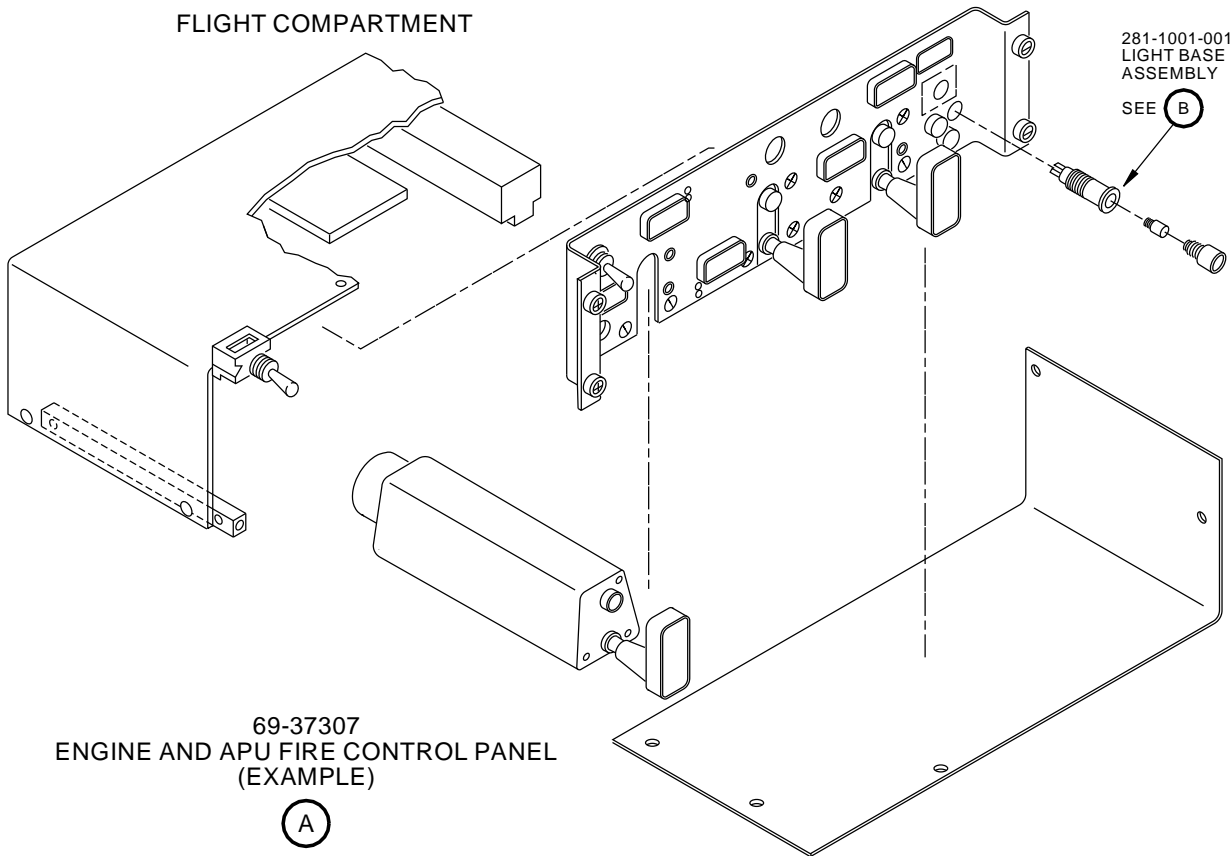
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69-37307
ENGINE AND APU FIRE
CONTROL PANEL (P8-1)
(EXAMPLE)

SEE (A)

FLIGHT COMPARTMENT



281-1001-001
LIGHT BASE
ASSEMBLY

SEE (B)

69-37307
ENGINE AND APU FIRE CONTROL PANEL
(EXAMPLE)

(A)

1570735 S0000292776_V1

Light Base Nut Driver
Figure 1 (Sheet 1 of 2)

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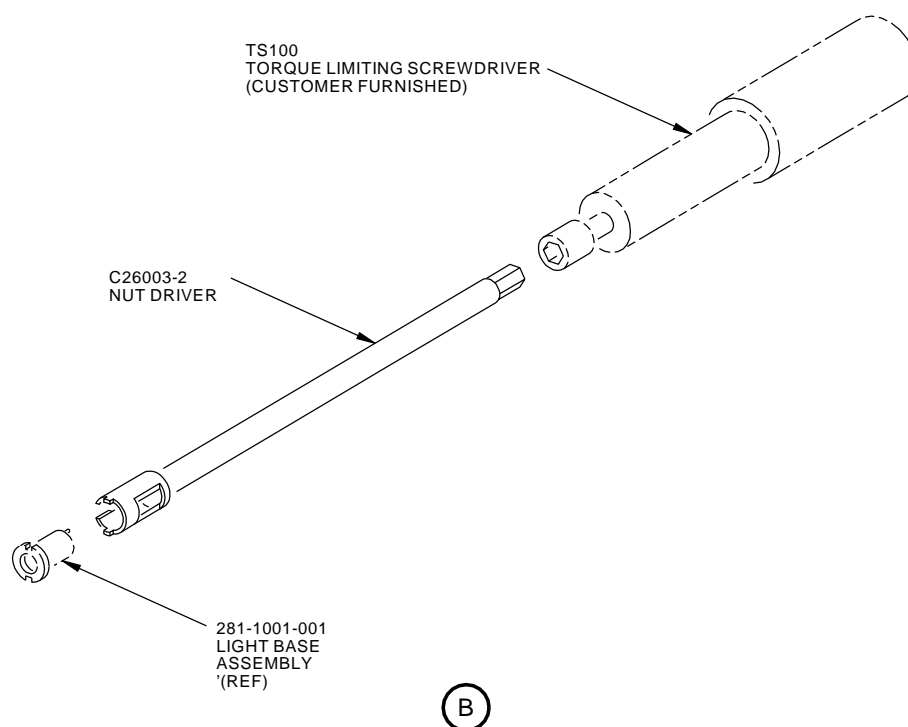
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1570658 S0000292801_V1

**Light Base Nut Driver
Figure 1 (Sheet 2 of 2)**

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PART NUMBER: C26007-1, -72

NAME: TEST EQUIPMENT - COMPARTMENT OVERHEAT DETECTION (M237, IN-LINE)

AIRPLANE MAINTENANCE: YES

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The C26007-1 or -72 (preferred) in-line M237 compartment overhear detection test equipment are used on all 737-600 thru -900 airplanes.

The C26007-1 or -72 (preferred) have limited applicability on 737-300 thru -500 airplanes configured with the 10-62187-1/-2 compartment overhear detection module M237.

On 737-600 thru -900 airplanes, C26007 is inserted between the M237 compartment overhear detection module line replaceable unit (LRU) and the D742 airplane wiring located on the E1-4 rack in the forward electronic equipment bay.

C26007 is used on 737-300 thru -500 airplanes M237 compartment overhear detection module on the E3-2 rack in the forward electronic equipment bay.

C26007 is used to measure loop voltages and loop resistances.

Refer to the current C26007 tool drawing and the applicable AMM chapters for complete usage instructions.

C26007-1 and -72 consist of:

| C26007-1 | | |
|----------|------------------------|-------------|
| QUANTITY | NOMENCLATURE | PART NUMBER |
| 1 | TEST BOX ASSEMBLY | C26007-2 |
| 1 | EXTENDER BOX ASSEMBLY | C26007-3 |
| 1 | ADAPTER CABLE ASSEMBLY | C26007-4 |
| 1 | STORAGE CASE | |

| C26007-72 | | |
|-----------|------------------------|-------------|
| QUANTITY | NOMENCLATURE | PART NUMBER |
| 1 | TEST BOX ASSEMBLY | C26007-2 |
| 1 | EXTENDER BOX ASSEMBLY | C26007-73 |
| 1 | ADAPTER CABLE ASSEMBLY | C26007-4 |
| 1 | STORAGE CASE | |

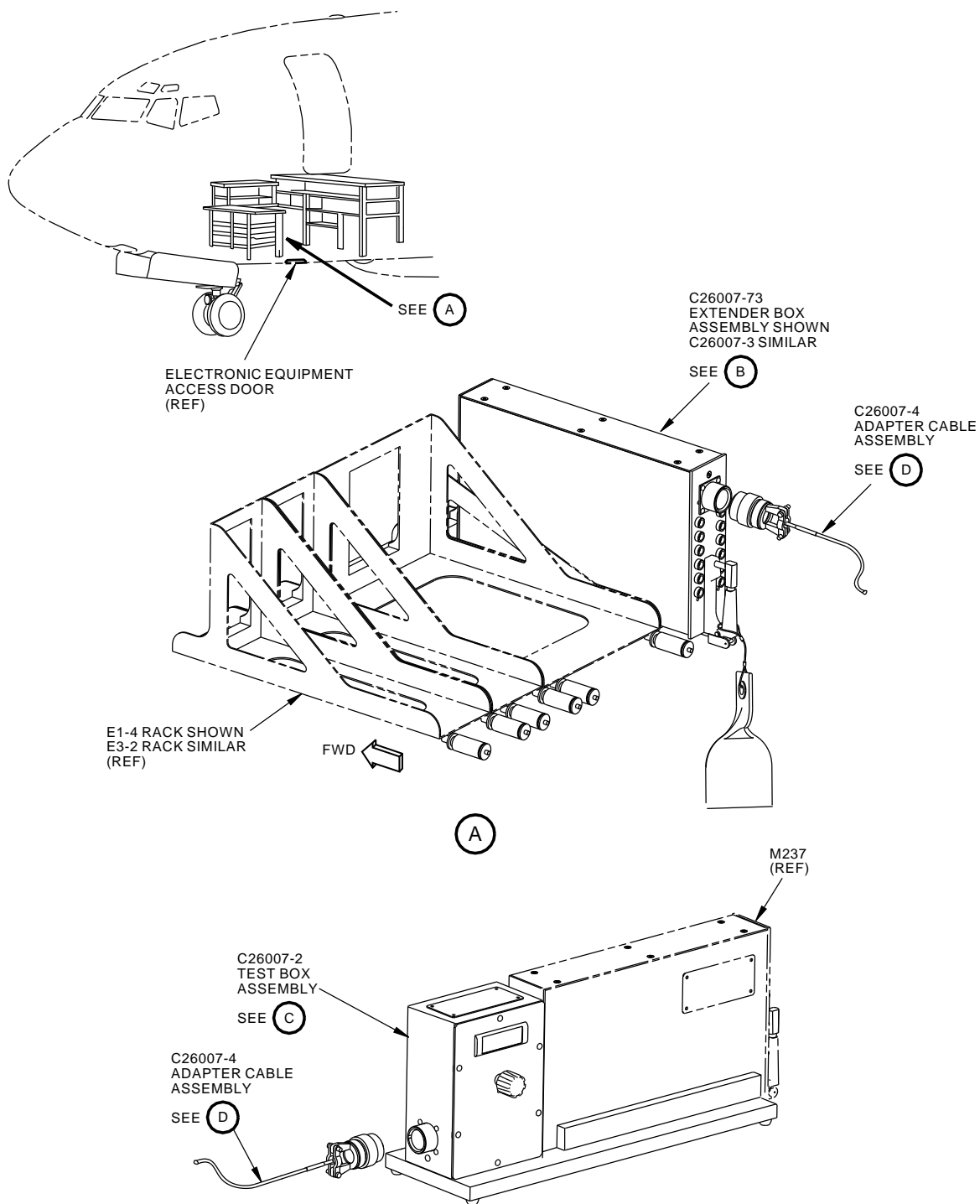
WEIGHT: C26007-1 or -72 - 23 lbs (10 kg)

DIMENSIONS: C26007-1 or -72 - 22 x 17 x 11 inches (559 x 432 x 280 mm)

NOTE: C26007-72 replaces C26007-1 for future procurement.

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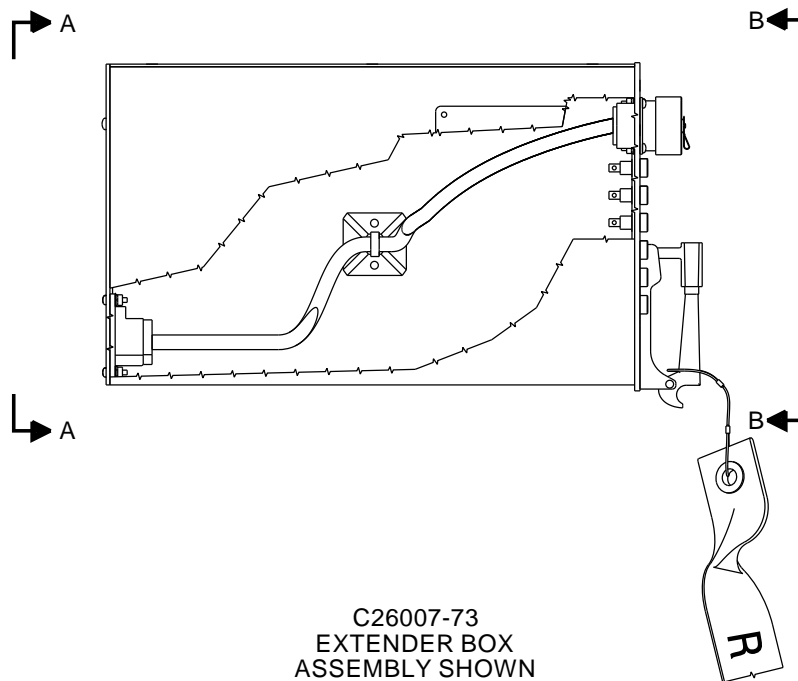
2065490 S0000425060_V2

**Compartment Overheat Detection Test Equipment
Figure 1 (Sheet 1 of 4)**

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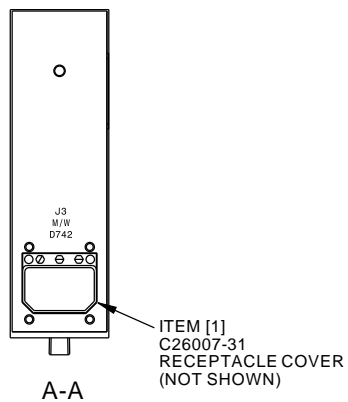


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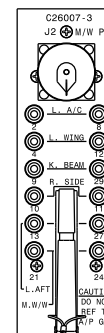


C26007-73
EXTENDER BOX
ASSEMBLY SHOWN
C26007-3 SIMILAR

(B)



A-A



B-B

2065497 S0000425069_V2

Compartment Overheat Detection Test Equipment
Figure 1 (Sheet 2 of 4)

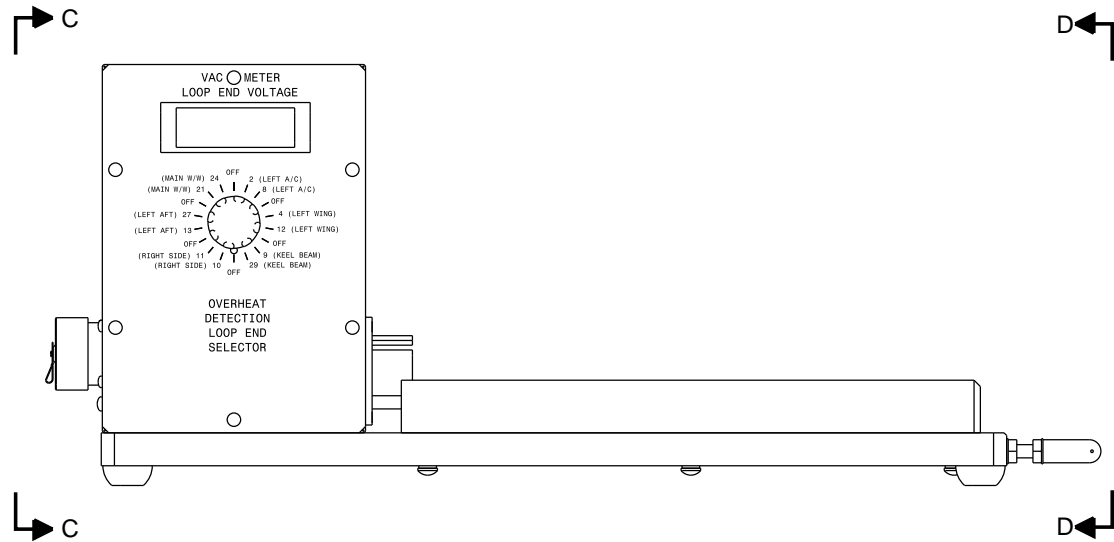
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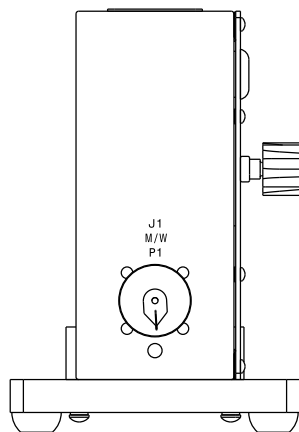


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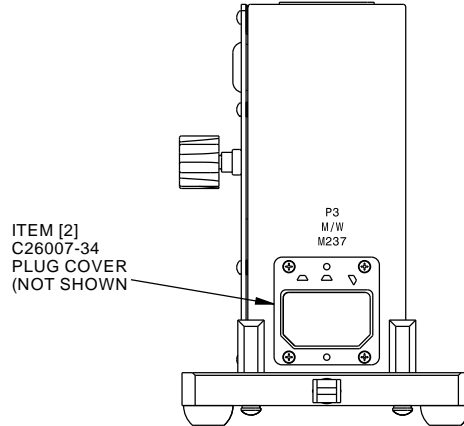


C26007-2
TEST BOX ASSEMBLY

(C)



C-C



D-D

2065691 S0000425071_V1

Compartment Overheat Detection Test Equipment
Figure 1 (Sheet 3 of 4)

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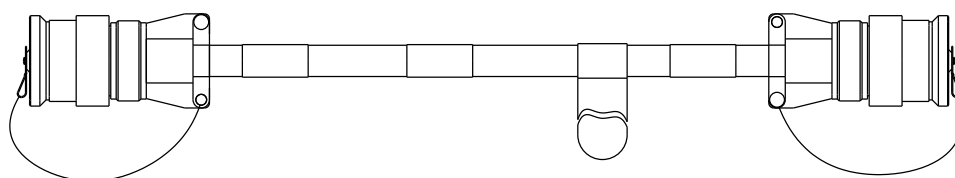
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C26007-4
ADAPTER CABLE ASSEMBLY

(D)

2065693 S0000425076_V1

**Compartment Overheat Detection Test Equipment
Figure 1 (Sheet 4 of 4)**

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| REPAIRABLE/REPLACEABLE PARTS | | | |
|------------------------------|-----------|------------------|-------------|
| ITEM NO. | PART NO. | NOMENCLATURE | VENDOR CODE |
| [1] | C26007-31 | RECEPTACLE COVER | --- |
| [2] | C26007-34 | PLUG COVER | --- |

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PART NUMBER: F80229-15, -20, -48, -52, -55, -56, -57, -58, -59, -60, -61, -69

NAME: TEST EQUIPMENT - FIRE EXTINGUISHING SYSTEM

AIRPLANE MAINTENANCE: YES

AMM 26-21-00, AMM 26-21-01, AMM 26-21-99, AMM 26-22-00, AMM 26-23-00, AMM 26-23-05, AMM 26-24-00

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: Either the F80229-15 (option) or F80229-69 (preferred) test equipment is used on all 737 airplanes. Both F80229-15 and F80229-69 test equipment include the F80229-16 test box assembly. F80229-15 may be used on all 737 airplane models but lacks certain usage chart and cable mate-with information for 737-600 thru -900, 737-7, -8, -8200 and -9 models. F80229-69 is preferred for future procurement. For specific carrier adapter cable assemblies and shorting plug assemblies, refer to the usage table from the F80229 drawing. The cable assembly and shorting plug assembly requirements will vary according to the specific fire extinguishing bottle to be tested. The airline customer is to specify which cable and shorting plug assemblies are to be included in the storage box when purchasing F80229 test equipment.

F80229-52 is a shorting plug assembly that is used on 737-300 thru -900, 737-7, -8, -8200 and -9 airplanes. For specific shorting plug assemblies, refer to the usage table from the F80229 drawing. The shorting plug assembly requirements will vary according to the specific fire extinguishing bottle to be tested.

F80229-55 and -56 are shorting plug assemblies that are used only on 737-200 airplanes. For specific carrier adapter cable assemblies, refer to the usage table from the F80229 drawing. The cable assembly requirements will vary according to the specific fire extinguishing bottle to be tested.

F80229-57 and -58 are adapter cable assemblies that are used only on 737-200 airplanes. For specific carrier adapter cable assemblies, refer to the usage table from the F80229 drawing. The cable assembly requirements will vary according to the specific fire extinguishing bottle to be tested.

F80229-20, -48, -59 and -61 are adapter cable assemblies that are used on 737-300 thru -900 airplanes. For specific carrier adapter cable assemblies, refer to the usage table from the F80229 drawing. The cable assembly requirements will vary according to the specific fire extinguishing bottle to be tested.

F80229-60 is an adapter cable assembly that is used on 737-300 thru -500 airplanes. For specific carrier adapter cable assemblies, refer to the usage table from the F80229 drawing. The cable assembly requirements will vary according to the specific fire extinguishing bottle to be tested.

F80229 is used to simulate the fire extinguisher bottle squib during engine and APU fire extinguishing system tests. For specific carrier adapter cable assemblies and shorting plug assemblies, refer to the usage table from

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the F80229 drawing. The cable assembly and shorting plug assembly requirements will vary according to the specific fire extinguishing bottle to be tested. The airline customer is to specify which cable and shorting plug assemblies are to be included in the storage box when purchasing F80229 test equipment.

Refer to AMM 26-21-00, AMM 26-21-01, AMM 26-21-99, AMM 26-22-00, AMM 26-23-00, AMM 26-23-05, AMM 26-24-00 and the current F80229 tool drawing for complete usage instructions. Refer to the current F80229 tool drawing for cable adapter assembly and shorting plug assembly purchase requirements.

F80229-15 and -69 fire extinguishing system test equipment consists of:

| F80229-15 OR -69 TEST EQUIPMENT | | |
|---------------------------------|------------------------|---------------------------|
| QUANTITY | NOMENCLATURE | PART NUMBER |
| 1 | TEST BOX ASSEMBLY | F80229-16 |
| 1 | ADAPTER CABLE ASSEMBLY | F80229-20 ^{*[1]} |
| 1 | ADAPTER CABLE ASSEMBLY | F80229-48 ^{*[1]} |
| 1 | SHORTING PLUG ASSEMBLY | F80229-52 ^{*[1]} |
| 1 | SHORTING PLUG ASSEMBLY | F80229-55 ^{*[1]} |
| 1 | SHORTING PLUG ASSEMBLY | F80229-56 ^{*[1]} |
| 1 | ADAPTER CABLE ASSEMBLY | F80229-57 ^{*[1]} |
| 1 | ADAPTER CABLE ASSEMBLY | F80229-58 ^{*[1]} |
| 1 | ADAPTER CABLE ASSEMBLY | F80229-59 ^{*[1]} |
| 1 | ADAPTER CABLE ASSEMBLY | F80229-60 ^{*[1]} |
| 1 | ADAPTER CABLE ASSEMBLY | F80229-61 ^{*[1]} |
| 1 | STORAGE BOX | |

^{*[1]} NOT INCLUDED IN THE STORAGE BOX. CUSTOMER DETERMINED CABLE AND PLUG ASSEMBLIES REQUIRED FOR AIRPLANE'S INSTALLED EQUIPMENT.

WEIGHT: 5 lbs (2.3 kg)

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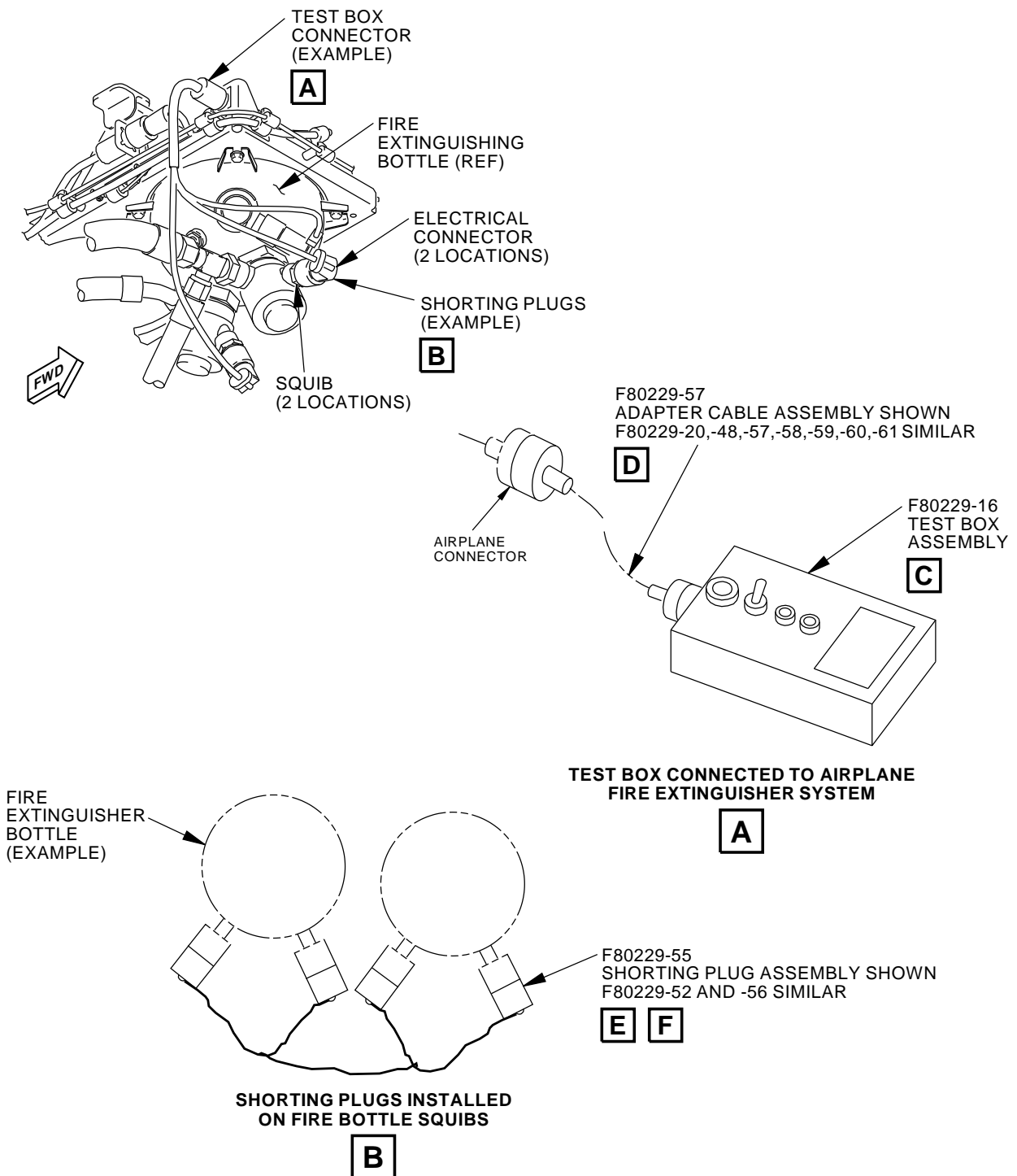
DIMENSIONS: 6 x 14 x 15 inches (152 x 356 x 381 mm)

NOTE: F80229-69 replaces F80229-15 for future procurement.
F80229-15, -55, -56, -57 and -58 combine to supersede F80229-1.
F80229-15, -20, -48, -52 -59, -60 and -61 combine to replace C26001 for future procurement.
F80229-52 supersedes F80229-24.
F80229-55 supersedes F80229-22.
F80229-56 supersedes F80229-23.
F80229-57 supersedes F80229-17.
F80229-58 supersedes F80229-18.
F80229-59 supersedes F80229-19.
F80229-60 supersedes F80229-21.
F80229-61 supersedes F80229-49.

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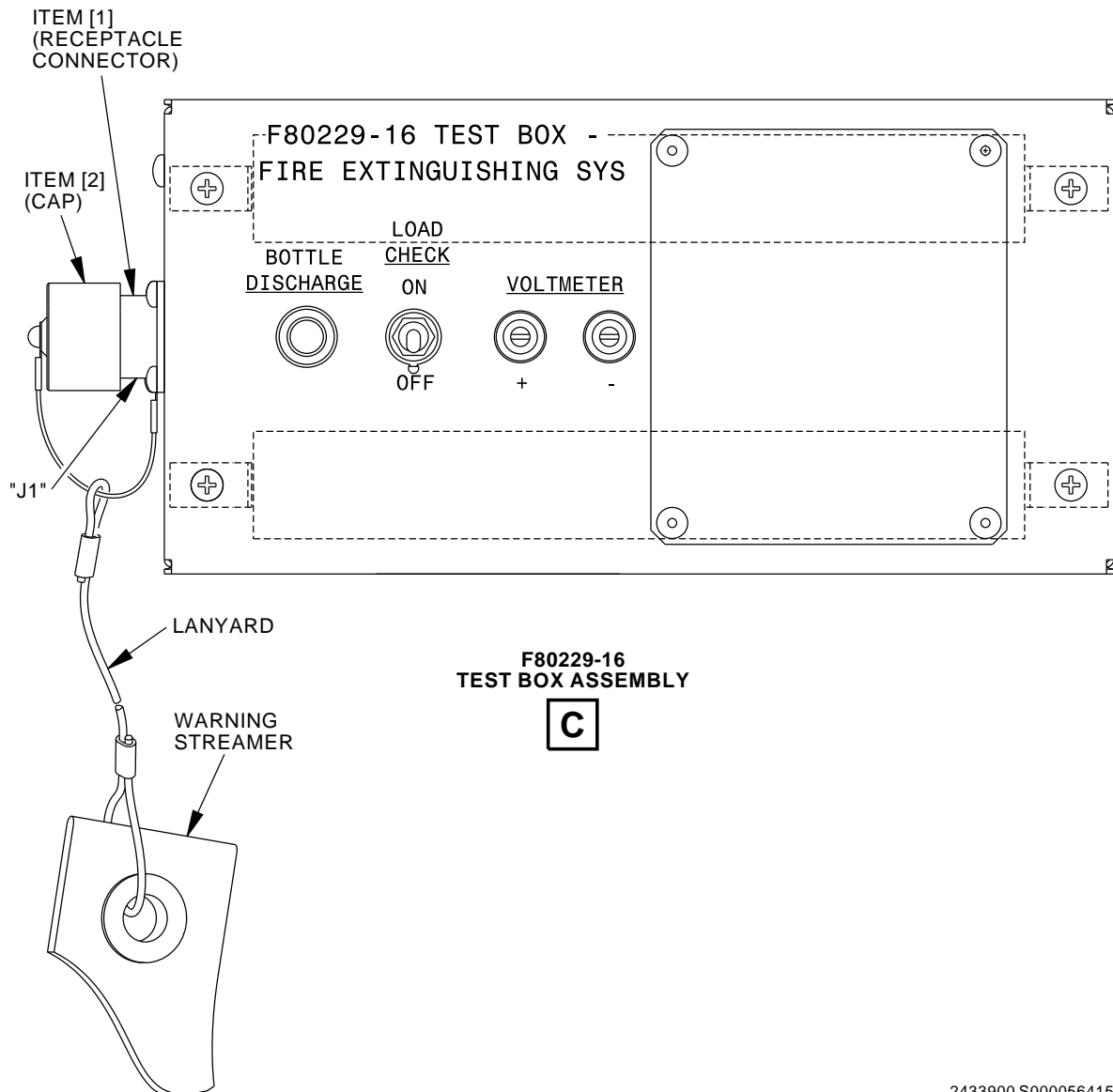
G79971 S0006831484_V4

Fire Extinguishing System Test Equipment
Figure 1 (Sheet 1 of 5)

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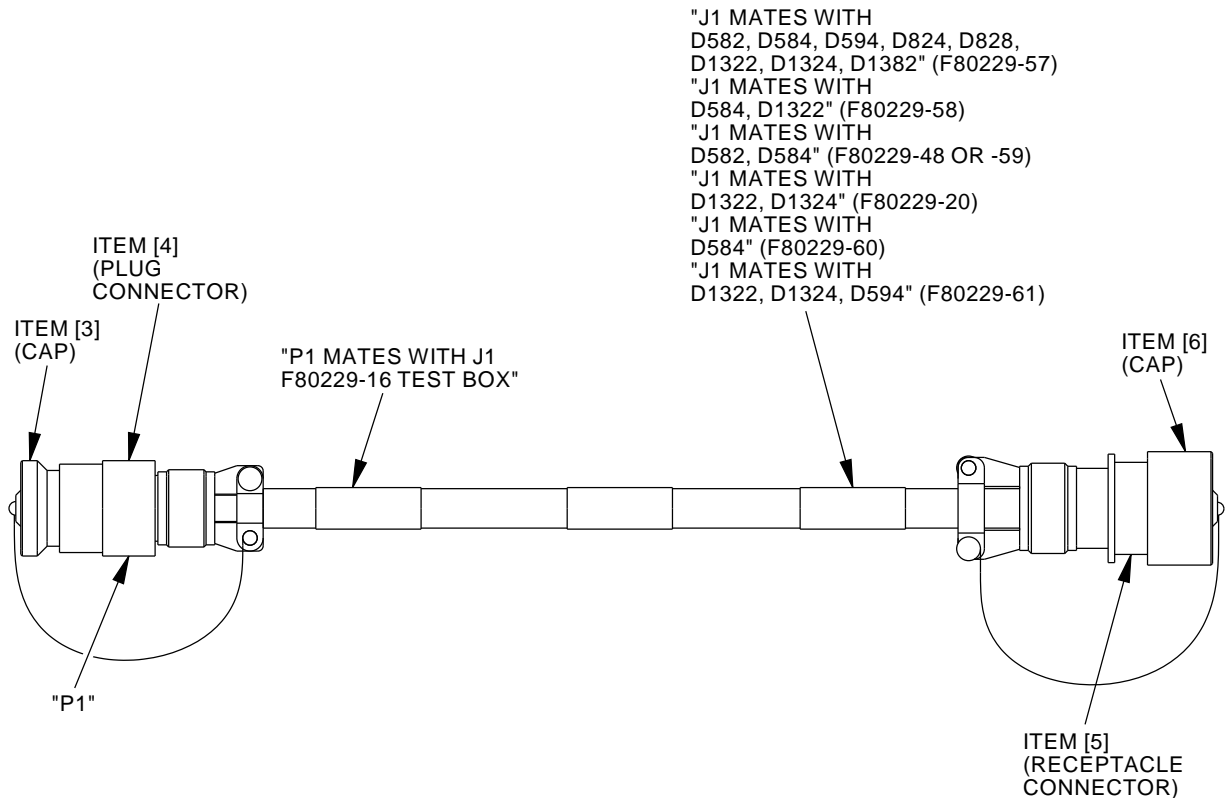
2433900 S0000564153_V1

Fire Extinguishing System Test Equipment
Figure 1 (Sheet 2 of 5)

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F80229-57 ADAPTER CABLE ASSEMBLY SHOWN
F80229-20, -48, -58, -60 AND -61 NOTED

D

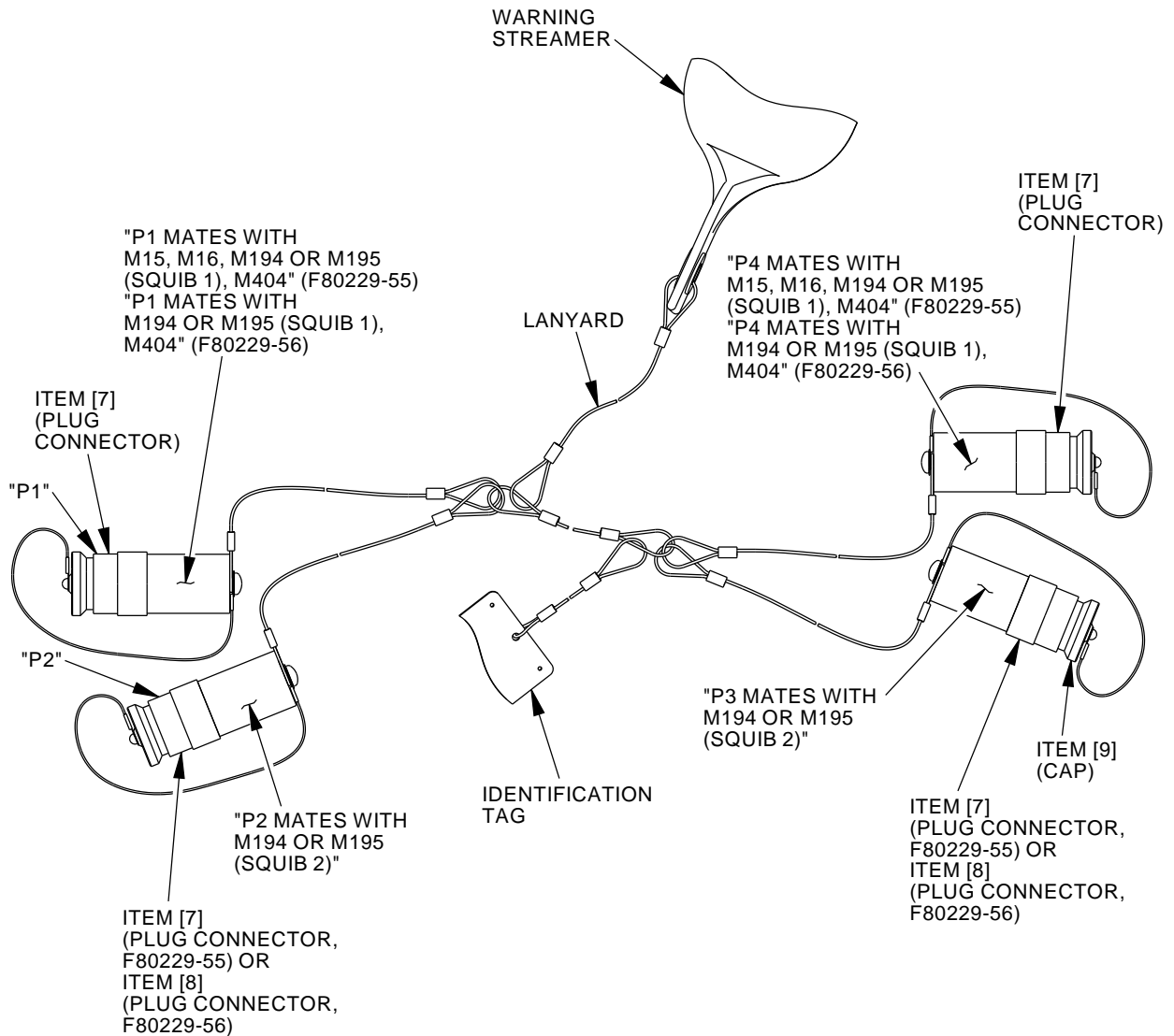
2433908 S0000564154_V1

Fire Extinguishing System Test Equipment
Figure 1 (Sheet 3 of 5)

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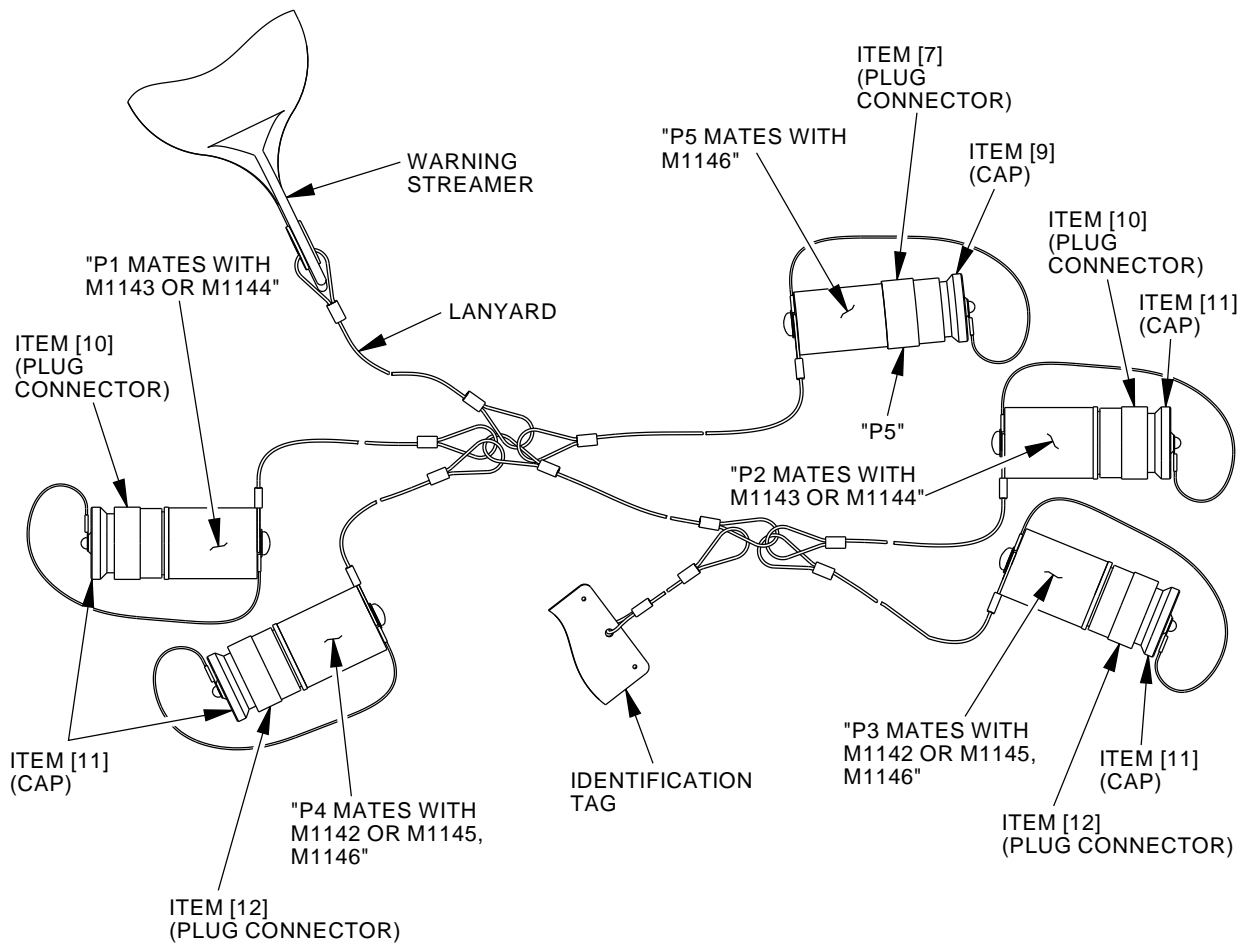
F80229-55 SHORTING PLUG ASSEMBLY SHOWN
F80229-56 NOTED

E

2433971 S0000564155_V1

Fire Extinguishing System Test Equipment
Figure 1 (Sheet 4 of 5)

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F80229-52 SHORTING PLUG ASSEMBLY

F

2433993 S0000564156_V1

**Fire Extinguishing System Test Equipment
Figure 1 (Sheet 5 of 5)**

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| F80229-15 AND F80229-69 REPAIRABLE/REPLACEABLE PARTS | | | |
|--|-----------------------------|---------------------------|-------------|
| ITEM NUMBER | PART NUMBER | NOMENCLATURE | VENDOR CODE |
| [1] | F80229-85 (M83723/72R105N) | RECEPTACLE CONNECTOR | --- |
| [2] | F80229-86 (M83723/60-210AC) | RECEPTACLE PROTECTIVE CAP | --- |

| F80229-20 REPAIRABLE/REPLACEABLE PARTS | | | |
|--|------------------------------|---------------------------|-------------|
| ITEM NUMBER | PART NUMBER | NOMENCLATURE | VENDOR CODE |
| [3] | F80229-100 (M83723/59-210AC) | PLUG PROTECTIVE CAP | --- |
| [4] | F80229-97 (M83723/75R105N) | PLUG CONNECTOR | --- |
| [5] | F80229-96 (M83723/83R1477) | RECEPTACLE CONNECTOR | --- |
| [6] | F80229-101 (M83723/60-114AC) | RECEPTACLE PROTECTIVE CAP | --- |

| F80229-48 REPAIRABLE/REPLACEABLE PARTS | | | |
|--|------------------------------|---------------------------|-------------|
| ITEM NUMBER | PART NUMBER | NOMENCLATURE | VENDOR CODE |
| [3] | F80229-100 (M83723/59-210AC) | PLUG PROTECTIVE CAP | --- |
| [4] | F80229-97 (M83723/75R105N) | PLUG CONNECTOR | --- |
| [5] | F80229-95 (M83723/83R147N) | RECEPTACLE CONNECTOR | --- |
| [6] | F80229-101 (M83723/60-114AC) | RECEPTACLE PROTECTIVE CAP | --- |

| F80229-57 REPAIRABLE/REPLACEABLE PARTS | | | |
|--|------------------------------|---------------------------|-------------|
| ITEM NUMBER | PART NUMBER | NOMENCLATURE | VENDOR CODE |
| [3] | F80229-100 (M83723/59-210AC) | PLUG PROTECTIVE CAP | --- |
| [4] | F80229-97 (M83723/75R105N) | PLUG CONNECTOR | --- |
| [5] | F80229-98 (M83723/72R123N) | RECEPTACLE CONNECTOR | --- |
| [6] | F80229-102 (M83723/60-212AC) | RECEPTACLE PROTECTIVE CAP | --- |

| F80229-58 REPAIRABLE/REPLACEABLE PARTS | | | |
|--|------------------------------|---------------------------|-------------|
| ITEM NUMBER | PART NUMBER | NOMENCLATURE | VENDOR CODE |
| [3] | F80229-100 (M83723/59-210AC) | PLUG PROTECTIVE CAP | --- |
| [4] | F80229-97 (M83723/75R105N) | PLUG CONNECTOR | --- |
| [5] | F80229-99 (M83723/72R1237) | RECEPTACLE CONNECTOR | --- |
| [6] | F80229-102 (M83723/60-212AC) | RECEPTACLE PROTECTIVE CAP | --- |

| F80229-59 REPAIRABLE/REPLACEABLE PARTS | | | |
|--|------------------------------|---------------------------|-------------|
| ITEM NUMBER | PART NUMBER | NOMENCLATURE | VENDOR CODE |
| [3] | F80229-100 (M83723/59-210AC) | PLUG PROTECTIVE CAP | --- |
| [4] | F80229-97 (M83723/75R105N) | PLUG CONNECTOR | --- |
| [5] | F80229-95 (M83723/83R147N) | RECEPTACLE CONNECTOR | --- |
| [6] | F80229-101 (M83723/60-114AC) | RECEPTACLE PROTECTIVE CAP | --- |

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| F80229-60 REPAIRABLE/REPLACEABLE PARTS | | | |
|--|------------------------------|---------------------------|-------------|
| ITEM NUMBER | PART NUMBER | NOMENCLATURE | VENDOR CODE |
| [3] | F80229-100 (M83723/59-210AC) | PLUG PROTECTIVE CAP | --- |
| [4] | F80229-97 (M83723/75R105N) | PLUG CONNECTOR | --- |
| [5] | F80229-98 (M83723/72R123N) | RECEPTACLE CONNECTOR | --- |
| [6] | F80229-102 (M83723/60-212AC) | RECEPTACLE PROTECTIVE CAP | --- |

| F80229-61 REPAIRABLE/REPLACEABLE PARTS | | | |
|--|------------------------------|---------------------------|-------------|
| ITEM NUMBER | PART NUMBER | NOMENCLATURE | VENDOR CODE |
| [3] | F80229-100 (M83723/59-210AC) | PLUG PROTECTIVE CAP | --- |
| [4] | F80229-97 (M83723/75R105N) | PLUG CONNECTOR | --- |
| [5] | F80229-98 (M83723/72R123N) | RECEPTACLE CONNECTOR | --- |
| [6] | F80229-101 (M83723/60-114AC) | RECEPTACLE PROTECTIVE CAP | --- |

| F80229-55 REPAIRABLE/REPLACEABLE PARTS | | | |
|--|------------------------------|---------------------|-------------|
| ITEM NUMBER | PART NUMBER | NOMENCLATURE | VENDOR CODE |
| [7] | F80229-109 (M83723/75R123N) | PLUG CONNECTOR | --- |
| [9] | F80229-114 (M83723/59-212AC) | PLUG PROTECTIVE CAP | --- |

| F80229-56 REPAIRABLE/REPLACEABLE PARTS | | | |
|--|------------------------------|---------------------|-------------|
| ITEM NUMBER | PART NUMBER | NOMENCLATURE | VENDOR CODE |
| [7] | F80229-109 (M83723/75R123N) | PLUG CONNECTOR | --- |
| [8] | F80229-110 (M83723/75R1237) | PLUG CONNECTOR | --- |
| [9] | F80229-114 (M83723/59-212AC) | PLUG PROTECTIVE CAP | |

| F80229-52 REPAIRABLE/REPLACEABLE PARTS | | | |
|--|------------------------------|---------------------|-------------|
| ITEM NUMBER | PART NUMBER | NOMENCLATURE | VENDOR CODE |
| [7] | F80229-109 (M83723/75R123N) | PLUG CONNECTOR | --- |
| [9] | F80229-114 (M83723/59-212AC) | PLUG PROTECTIVE CAP | --- |
| [10] | F80229-111 (M83723/86R147N) | PLUG CONNECTOR | --- |
| [11] | F80229-113 (M83723/59-114AC) | PLUG PROTECTIVE CAP | --- |
| [12] | F80229-112 (M83723/86R1477) | PLUG CONNECTOR | --- |

26-20-01



737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: C26005-1

NAME: TEST BOX - APU/ENGINE FIRE DETECTION SYSTEM

AIRPLANE MAINTENANCE: YES

AMM 26-11-00, AMM 26-15-00

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The C26005-1 test box is used on 737-600 thru -900 airplanes.

C26005-1 is used to manually test the installed Whitaker engine and APU fire detection systems. This is done by simulating fire, overheat, and ground fault conditions. C26005 acts like an additional detector element connected in parallel.

Refer to AMM 26-11-00, AMM 26-15-00 and the current C26005 drawing for complete usage instructions.

C26005-1 consists of a test box including circuit boards, switches, test cables and connecting hardware.

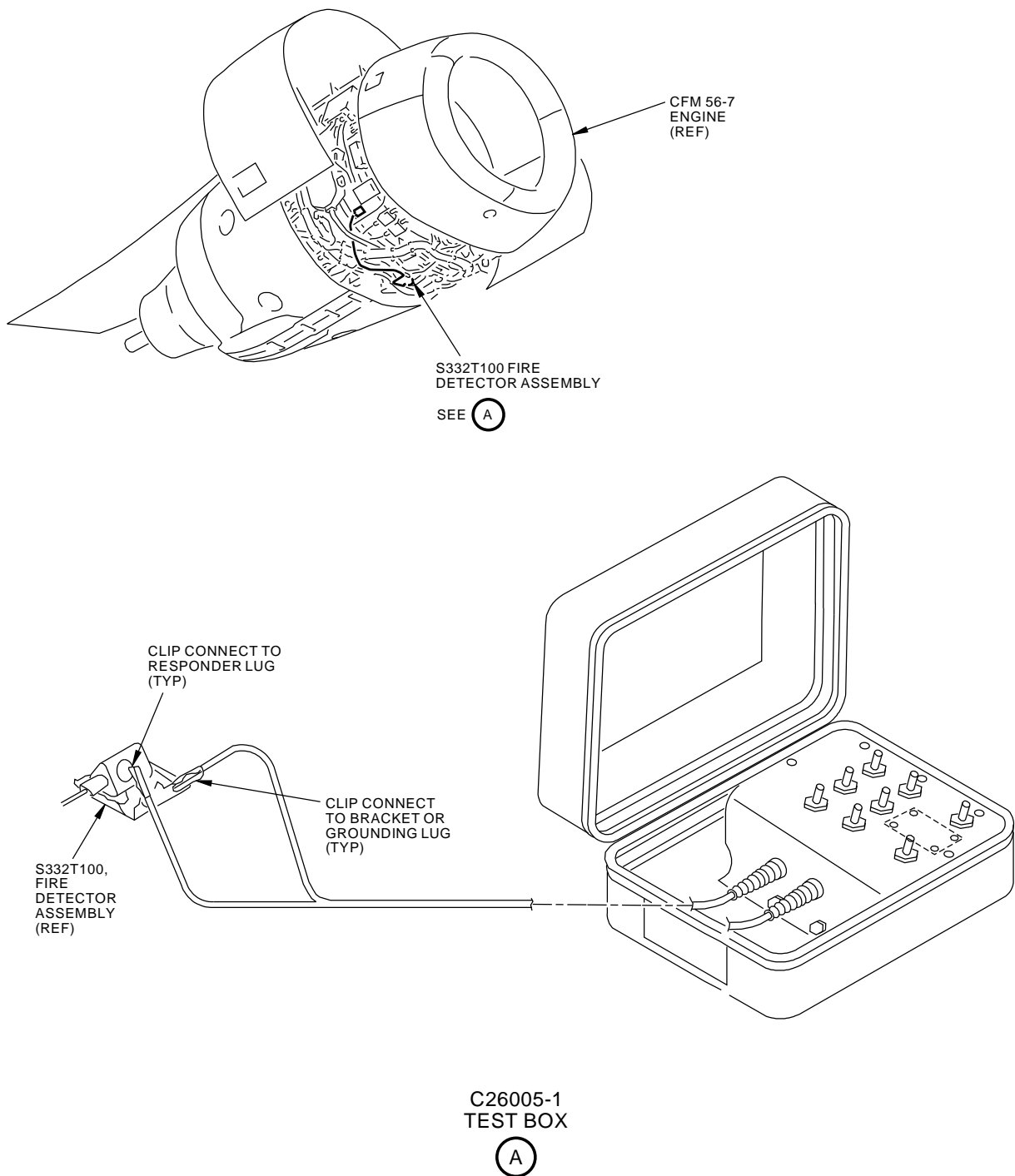
WEIGHT: 7 lbs (3.2 kg)

DIMENSIONS: 6 x 11 x 13 inches (152 x 279 x 330 mm)

26-20-02



737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL



G83332 S0006831486_V2

APU/Engine Fire Detection System Test Box
Figure 1

26-20-02

D634A501

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**737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL**

PART NUMBER: C26004-8, -32, -33, -73, -74, -78, -79

NAME: TEST EQUIPMENT - ENGINE FIRE EXTINGUISHING SYSTEM

AIRPLANE MAINTENANCE: YES

AMM 26-21-00

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The C26004-8 engine fire extinguishing system test equipment is used on all 737-300 thru -500 airplanes.

The C26004-32 engine fire extinguishing system test equipment is used on all 737-600 thru -900 airplanes.

The C26004-33 engine fire extinguishing system test equipment is used on all 737-300 thru -900 airplanes.

The C26004-73 engine fire extinguishing system test equipment is used on all 737-600 thru -900 airplanes.

The C26004-74 engine fire extinguishing system test equipment is used on all 737-300 thru -900 airplanes.

The C26004-78 engine fire extinguishing system test equipment is used on all 737-600 thru -900 airplanes.

The C26004-79 engine fire extinguishing system test equipment is used on all 737-300 thru -900 airplanes.

C26004 is used to pressurize the engine fire extinguishing system for tubing leakage tests.

Refer to AMM 26-21-00 and the current C26004 drawing for complete usage instructions.

C26004-8, -32, -33, -73, -74, -78 and -79 consist of:

| C26004-8 | | |
|----------|---|-------------|
| QUANTITY | NOMENCLATURE | PART NUMBER |
| 1 | REGULATOR ASSEMBLY | C26004-2 |
| 2 | PLUG ASSEMBLY | C26004-3 |
| 4 | PLUG ASSEMBLY | C26004-9 |
| 1 | PLUG (MS21913-10) | C26004-38 |
| 1 | REDUCER (MS21916-12-10) | C26004-39 |
| 1 | PRESSURE GAUGE (30-1084-S-02L-0/60 PSI) ^{*[1]} | C26004-69 |
| 1 | STORAGE BOX | |

^{*[1]} 62C-2A-0060 IS OPTIONAL TO 30-1084-S-02L-0/60 PSI.

| C26004-32 | | |
|-----------|---------------|-------------|
| QUANTITY | NOMENCLATURE | PART NUMBER |
| 2 | TEST ASSEMBLY | C26004-13 |

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737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL

(Continued)

| C26004-32 | | |
|-----------|----------------|-------------|
| QUANTITY | NOMENCLATURE | PART NUMBER |
| 2 | PLUG ASSEMBLY | C26004-29 |
| 1 | GAUGE ASSEMBLY | C26004-34 |
| 1 | STORAGE BOX | |

| C26004-33 | | |
|-----------|-------------------------|-------------|
| QUANTITY | NOMENCLATURE | PART NUMBER |
| 2 | PLUG ASSEMBLY | C26004-3 |
| 4 | PLUG ASSEMBLY | C26004-9 |
| 2 | TEST ASSEMBLY | C26004-13 |
| 2 | PLUG ASSEMBLY | C26004-29 |
| 1 | GAUGE ASSEMBLY | C26004-34 |
| 1 | PLUG (MS21913-10) | C26004-38 |
| 1 | REDUCER (MS21916-12-10) | C26004-39 |
| 1 | STORAGE BOX | |

| C26004-73 | | |
|-----------|----------------|-------------|
| QUANTITY | NOMENCLATURE | PART NUMBER |
| 2 | TEST ASSEMBLY | C26004-13 |
| 2 | PLUG ASSEMBLY | C26004-29 |
| 1 | GAUGE ASSEMBLY | C26004-75 |
| 1 | STORAGE BOX | |

| C26004-74 | | |
|-----------|-------------------------|-------------|
| QUANTITY | NOMENCLATURE | PART NUMBER |
| 2 | PLUG ASSEMBLY | C26004-3 |
| 4 | PLUG ASSEMBLY | C26004-9 |
| 2 | TEST ASSEMBLY | C26004-13 |
| 2 | PLUG ASSEMBLY | C26004-29 |
| 1 | PLUG (MS21913-10) | C26004-38 |
| 1 | REDUCER (MS21916-12-10) | C26004-39 |
| 1 | GAUGE ASSEMBLY | C26004-75 |
| 1 | STORAGE BOX | |

| C26004-78 | | |
|-----------|----------------|-------------|
| QUANTITY | NOMENCLATURE | PART NUMBER |
| 2 | TEST ASSEMBLY | C26004-13 |
| 2 | PLUG ASSEMBLY | C26004-29 |
| 1 | GAUGE ASSEMBLY | C26004-75 |

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737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL

(Continued)

| C26004-78 | | |
|-----------|--------------|-------------|
| QUANTITY | NOMENCLATURE | PART NUMBER |
| 1 | STORAGE BOX | |

| C26004-79 | | |
|-----------|-------------------------|-------------|
| QUANTITY | NOMENCLATURE | PART NUMBER |
| 2 | PLUG ASSEMBLY | C26004-3 |
| 4 | PLUG ASSEMBLY | C26004-9 |
| 2 | TEST ASSEMBLY | C26004-13 |
| 2 | PLUG ASSEMBLY | C26004-29 |
| 1 | PLUG (MS21913-10) | C26004-38 |
| 1 | REDUCER (MS21916-12-10) | C26004-39 |
| 1 | GAUGE ASSEMBLY | C26004-75 |
| 1 | STORAGE BOX | |

WEIGHT: C26004-8 - 3.5 lbs (1.6 kg)
C26004-32 - 5.5 lbs (2.5 kg)
C26004-33 - 7.0 lbs (3.2 kg)
C26004-73 - 5.9 lbs (2.7 kg)
C26004-74 - 7.4 lbs (3.4 kg)
C26004-78 - 7.4 lbs (3.4 kg)
C26004-79 - 7.4 lbs (3.4 kg)

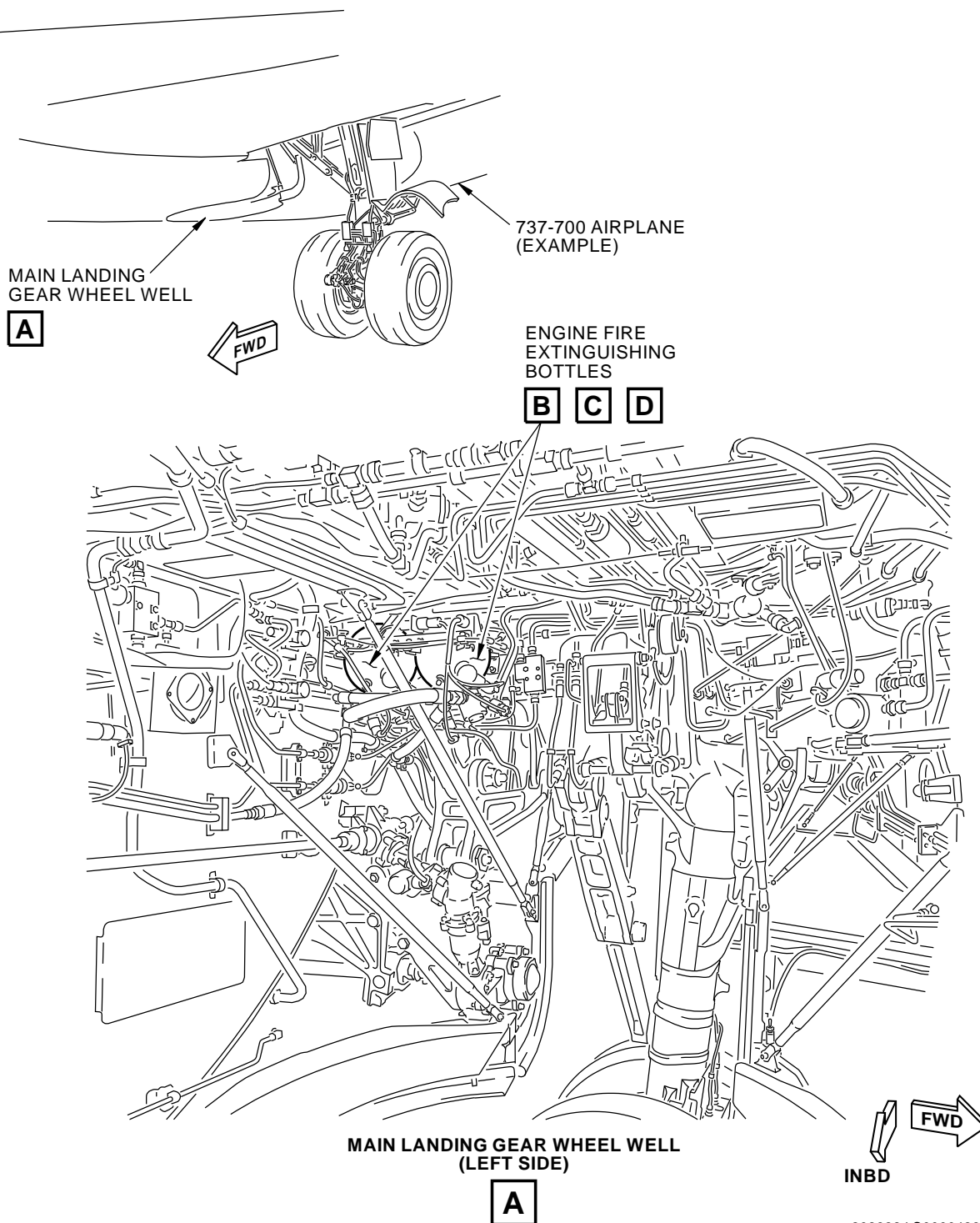
DIMENSIONS: C26004-8 - 7 x 9 x 2 inches (178 x 229 x 51 mm)
C26004-32 - 8 x 17 x 2 inches (203 x 432 x 51 mm)
C26004-33 - 11 x 17 x 2 inches (279 x 432 x 51 mm)
C26004-73 - 10 x 17 x 2 inches (254 x 432 x 51 mm)
C26004-74 - 13 x 17 x 2 inches (330 x 432 x 51 mm)
C26004-78 - 13 x 17 x 2 inches (330 x 432 x 51 mm)
C26004-79 - 13 x 17 x 2 inches (330 x 432 x 51 mm)

NOTE: C26004-32 and -33 supersede C26004-27 and -28 respectively.
C26004-73 and -74 replace C26004-32 and -33 respectively, for future procurement.
C26004-78 and -79 replace C26004-73 and -74 respectively, for future procurement.

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737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL



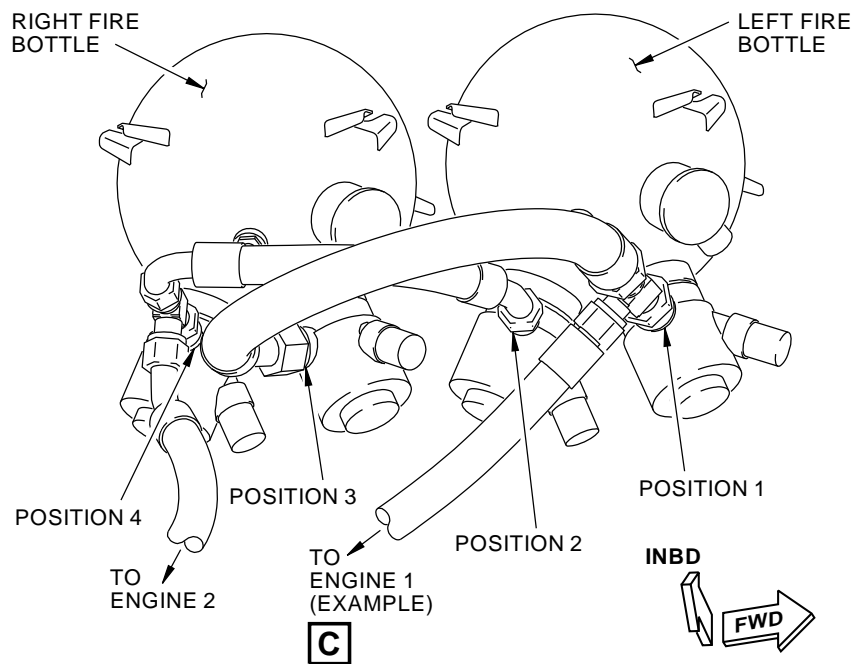
2089384 S0000439344_V2

Engine Fire Extinguishing System Test Equipment (C26004-32, -33, -73, -74, -78 and -79 Applications)
Figure 1 (Sheet 1 of 4)

26-20-03

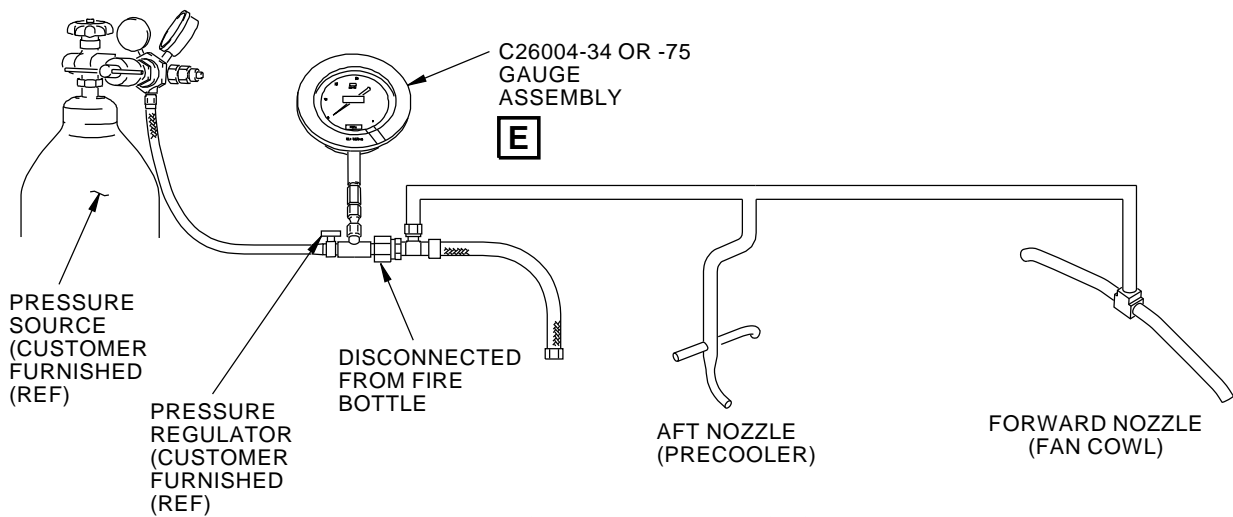


737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL



ENGINE FIRE EXTINGUISHING BOTTLES
(MAIN LANDING GEAR WHEEL WELL, LEFT SIDE)

B



FIRE EXTINGUISHING LINE FLOW TEST SETUP

C

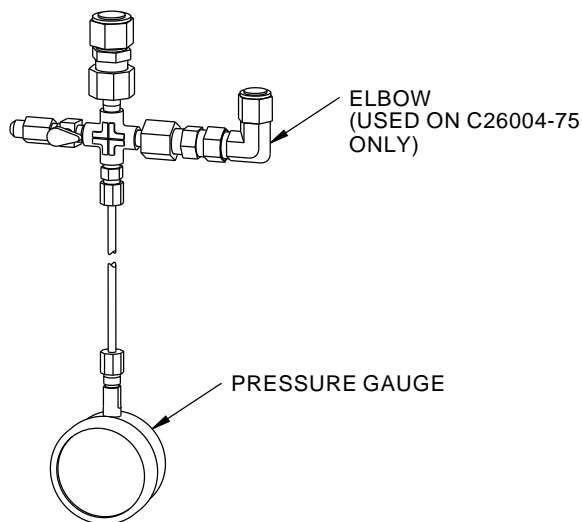
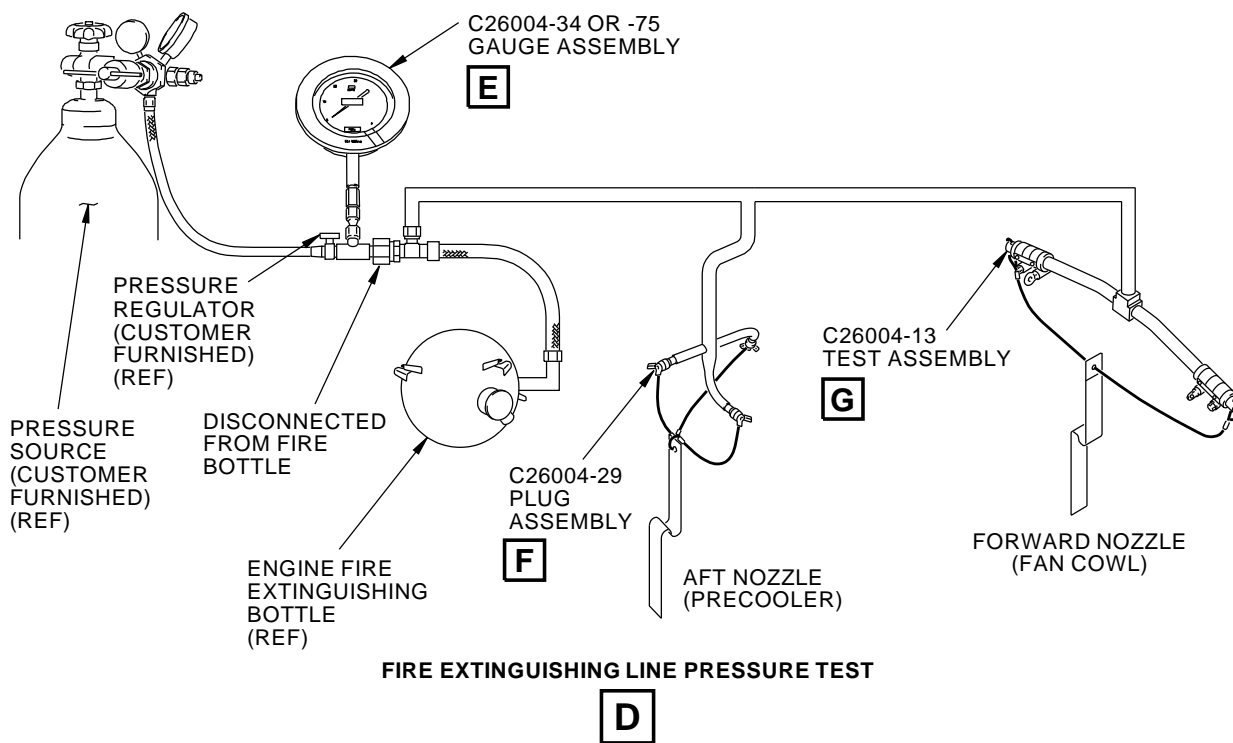
2089388 S0000439345_V2

Engine Fire Extinguishing System Test Equipment (C26004-32, -33, -73, -74, -78 and -79 Applications)
Figure 1 (Sheet 2 of 4)

26-20-03



737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL



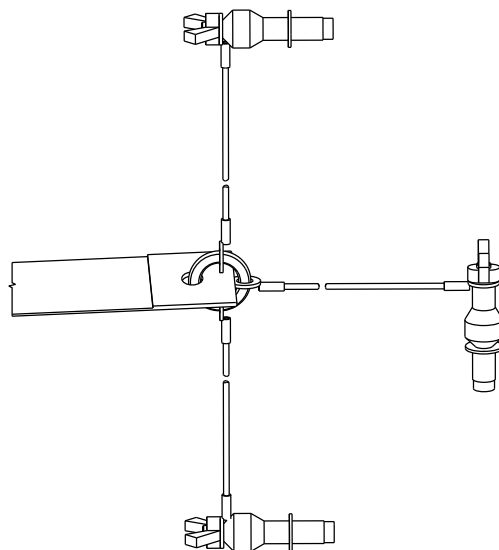
2425522 S0000561064_V1

Engine Fire Extinguishing System Test Equipment (C26004-32, -33, -73, -74, -78 and -79 Applications)
Figure 1 (Sheet 3 of 4)

26-20-03

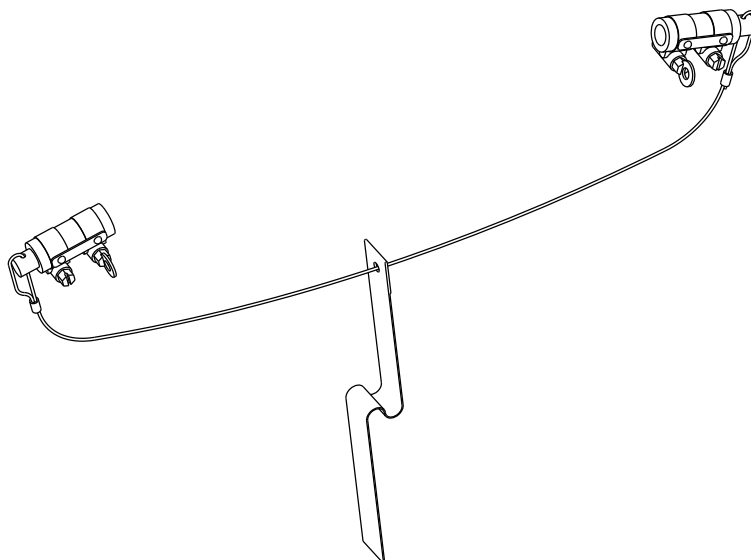


**737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL**



C26004-29 PLUG ASSEMBLY

F



C26004-13 TEST ASSEMBLY

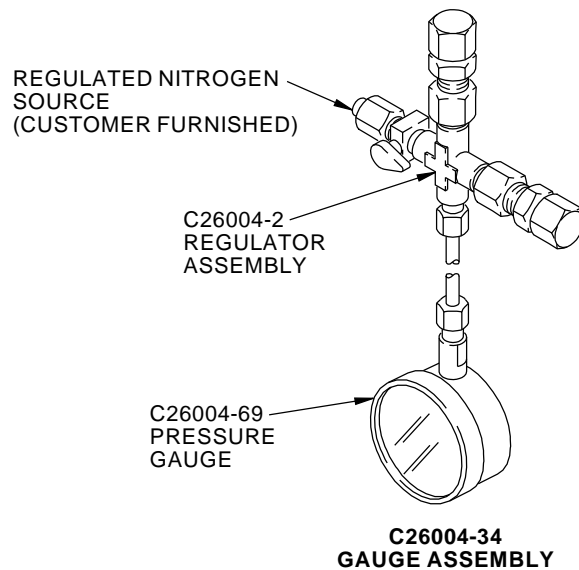
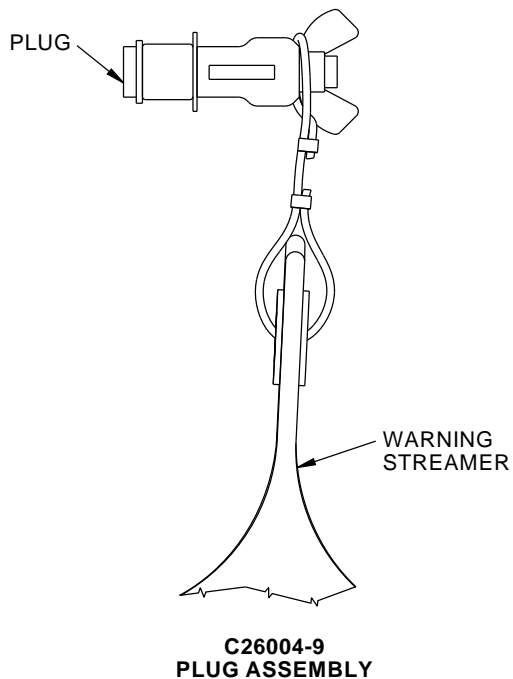
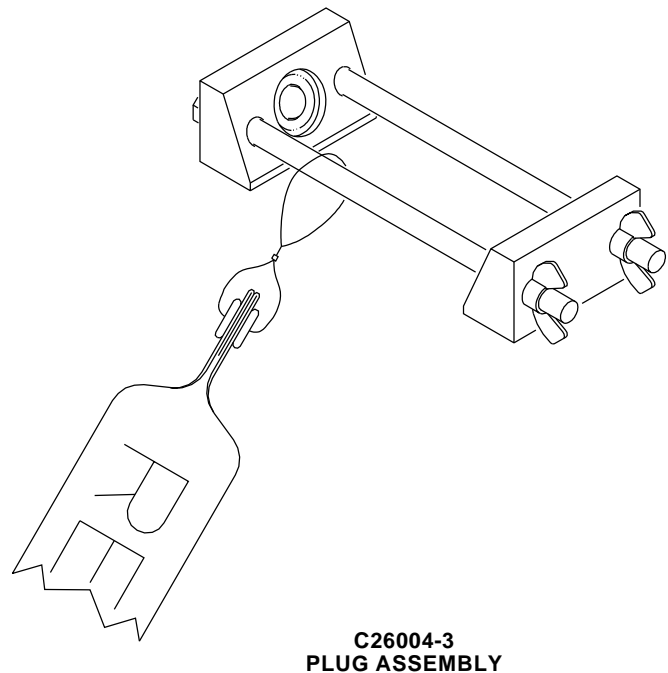
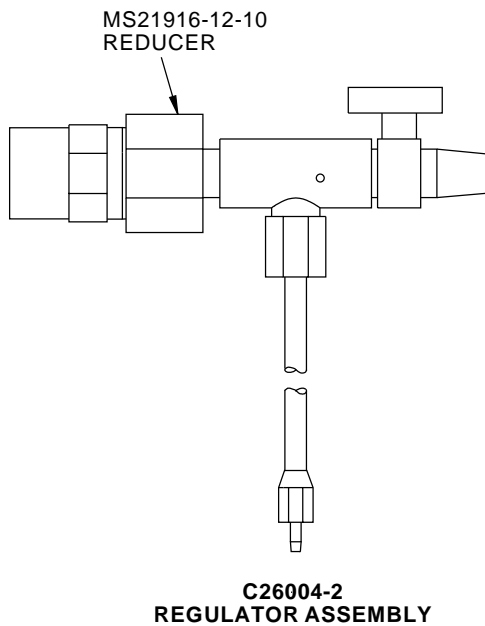
G

2425543 S0000561065_V1

**| Engine Fire Extinguishing System Test Equipment (C26004-32, -33, -73, -74, -78 and -79 Applications)
Figure 1 (Sheet 4 of 4)**

26-20-03

**737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL**



2425571 S0000561068_V1

**C26004-8 Test Equipment Components
Figure 2**

26-20-03



737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: B26002-1

NAME: TEST EQUIPMENT - DISCHARGE LINES, CARGO FIRE
EXTINGUISHER

AIRPLANE MAINTENANCE: YES

AMM 26-23-00, AMM 26-25-00

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The B26002-1 test equipment is used on 737-100 airplanes incorporating service bulletin 737-26A1084, 737-200 airplanes incorporating service bulletin 737-26A1081, 737-300 thru -500 airplanes incorporating service bulletin 737-26A1082 and 737-600 thru -900 airplanes line numbers 1 thru 90 incorporating service bulletin 737-26A1083 and line number 91 and on.

B26002 is used to cap the nozzles of cargo compartment fire extinguisher discharge lines for pressure decay testing.

Refer to AMM 26-23-00, AMM 26-25-00 and the current B26002 tool drawing for complete usage instructions.

B26002-1 consists of:

| B26002-1 | | |
|----------|---------------------|-------------|
| QUANTITY | NOMENCLATURE | PART NUMBER |
| 4 | NOZZLE CAP ASSEMBLY | B26002-2 |
| 1 | STORAGE BOX | |

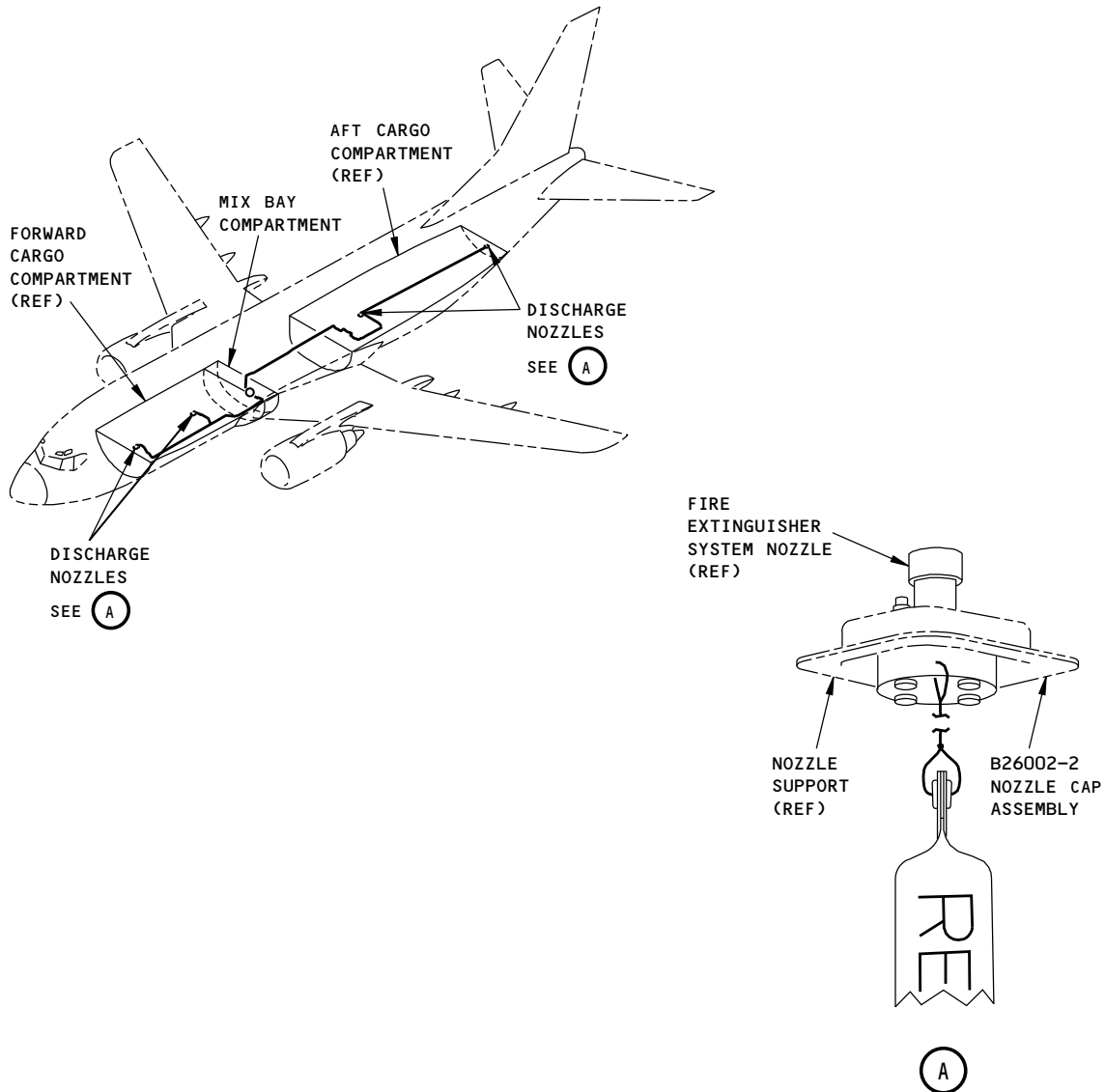
WEIGHT: 0.3 lbs (0.1 kg)

DIMENSIONS: 2.25 Dia. x 1 inches (57 Dia x 25 mm)

26-20-04



737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL



B26002
CARGO FIRE EXTINGUISHER LINES
TEST EQUIPMENT

2089302 S0000439375_V1

Cargo Fire Extinguisher Discharge Lines Test Equipment
Figure 1

26-20-04



**737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL**

PART NUMBER: C26006-1, -29, -54, -70

NAME: TEST BOX - CARGO FIRE EXTINGUISHING SYSTEM

AIRPLANE MAINTENANCE: YES

AMM 26-23-00, AMM 26-25-02

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The C26006-1 (option) is used on 737-100 thru -900 airplanes. C26006-1 applies to line number 91 and on, plus airplanes that have had service bulletin 737-26A1083 incorporated. C26006-1 does not apply to 737-700 Boeing Business Jet (BBJ), 737-800 Boeing Business Jet (BBJ2) and 737-700ER with Supplemental Type Certificate (STC) ST00405LA-d.

The C26006-29 is used only on the 737-BBJ, post-production configuration per STC modification (Hollingsead).

The C26006-54 is used for the 737-BBJ2, post-production configuration per STC modification (Hollingsead).

The C26006-70 (preferred) is used on 737-100 thru -900 airplanes. C26006-70 does not apply to 737-700 Boeing Business Jet (BBJ), 737-800 Boeing Business Jet (BBJ2) and 737-700ER with Supplemental Type Certificate (STC) ST00405LA-d.

C26006 is used to test the airplane electrical wiring to the forward and aft squibs on fire bottle(s) 1 (and 2). The fire extinguisher test box works by tripping applicable circuit breakers within an appropriate time, while at the same time not tripping other circuit breakers.

All 737-600 thru -900 airplanes are delivered with one (or two) two port fire bottles, except as noted below. The non-ETOPS 737-600 thru -900 and 737-700C all use one, two-port bottle. All 737-600 thru -900 ETOPS use two, two-port bottles. The 737-BBJ, and -700 Convertible have two, two-port bottles. The 737-BBJ will have a third two-port bottle installed by Walter Kidde.

Refer to AMM 26-23-00, AMM 26-25-02 and the current C26006 drawing for complete usage instructions.

C26006 is contained in a "suitcase" type storage case and includes four cables to connect the fire bottle squibs.

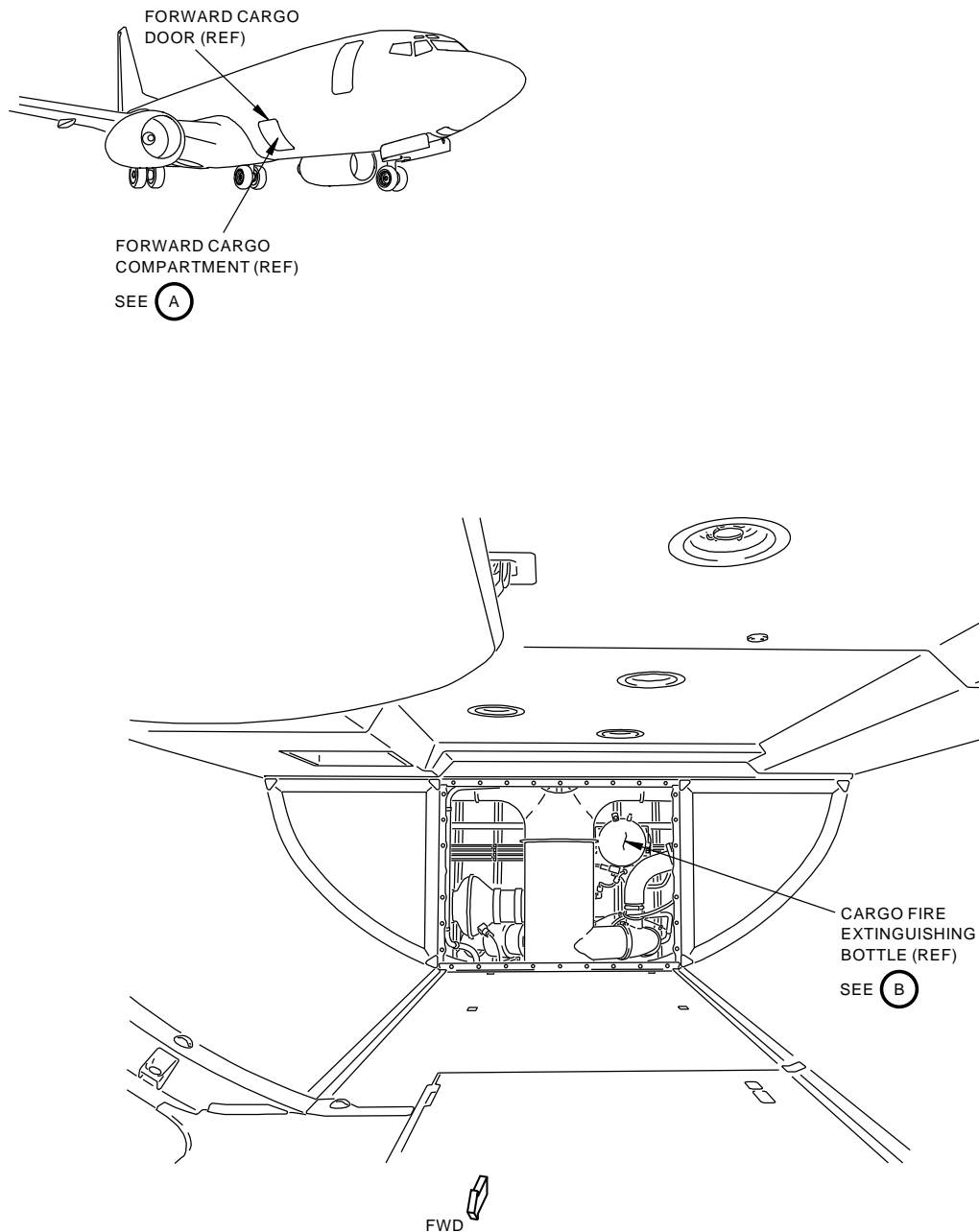
WEIGHT: C26006-1, -29, -70 - 13 lbs (6 kg)
C26006-54 - 16 lbs (7 kg)

DIMENSIONS: C26006-1, -29, -70 - 6 x 14 x 19 inches (152 x 356 x 483 mm)
C26006-54 - 8 x 14 x 22 inches (203 x 356 x 559 mm)

26-20-05



737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL



FORWARD CARGO COMPARTMENT (TYP)

A

L40680 S0006831493_V2

Fire Extinguishing Bottle Location
Figure 1

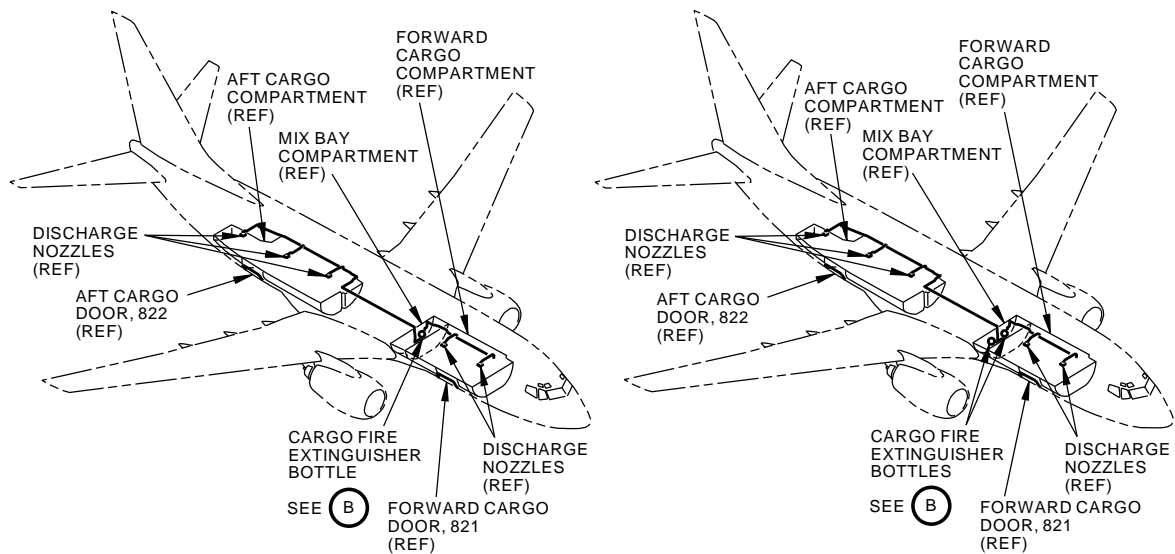
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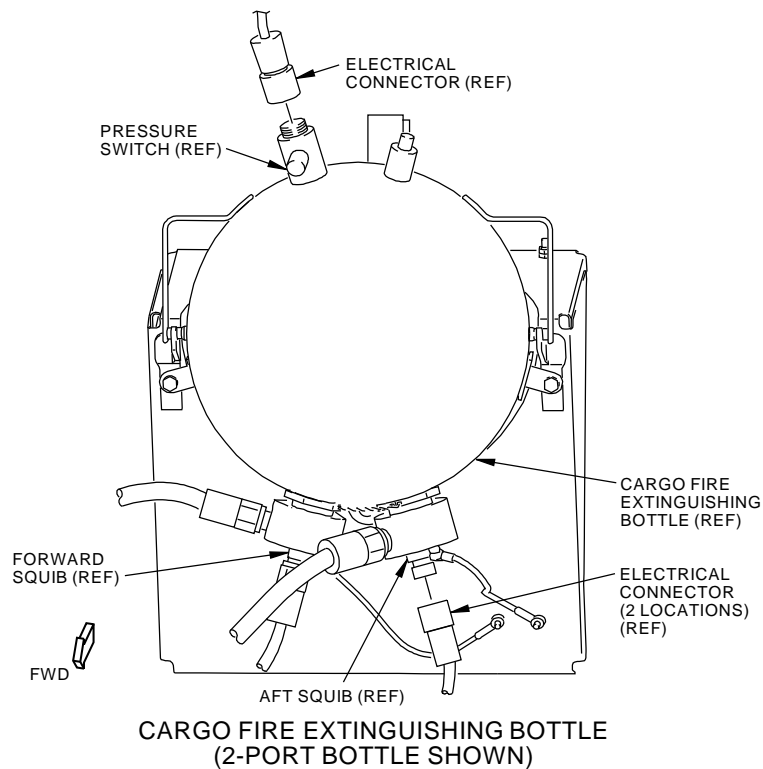


737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL



737-600/700/800/900, BBJ2 AND -700C
CONFIGURATION (ONE (2-PORT) BOTTLE)

737-600/700/800/900 ETOPS CONFIGURATION (TWO
(2-PORT) BOTTLES) AND
737-700 NAVY COMBI (TWO (3-PORT) BOTTLES)



(B)

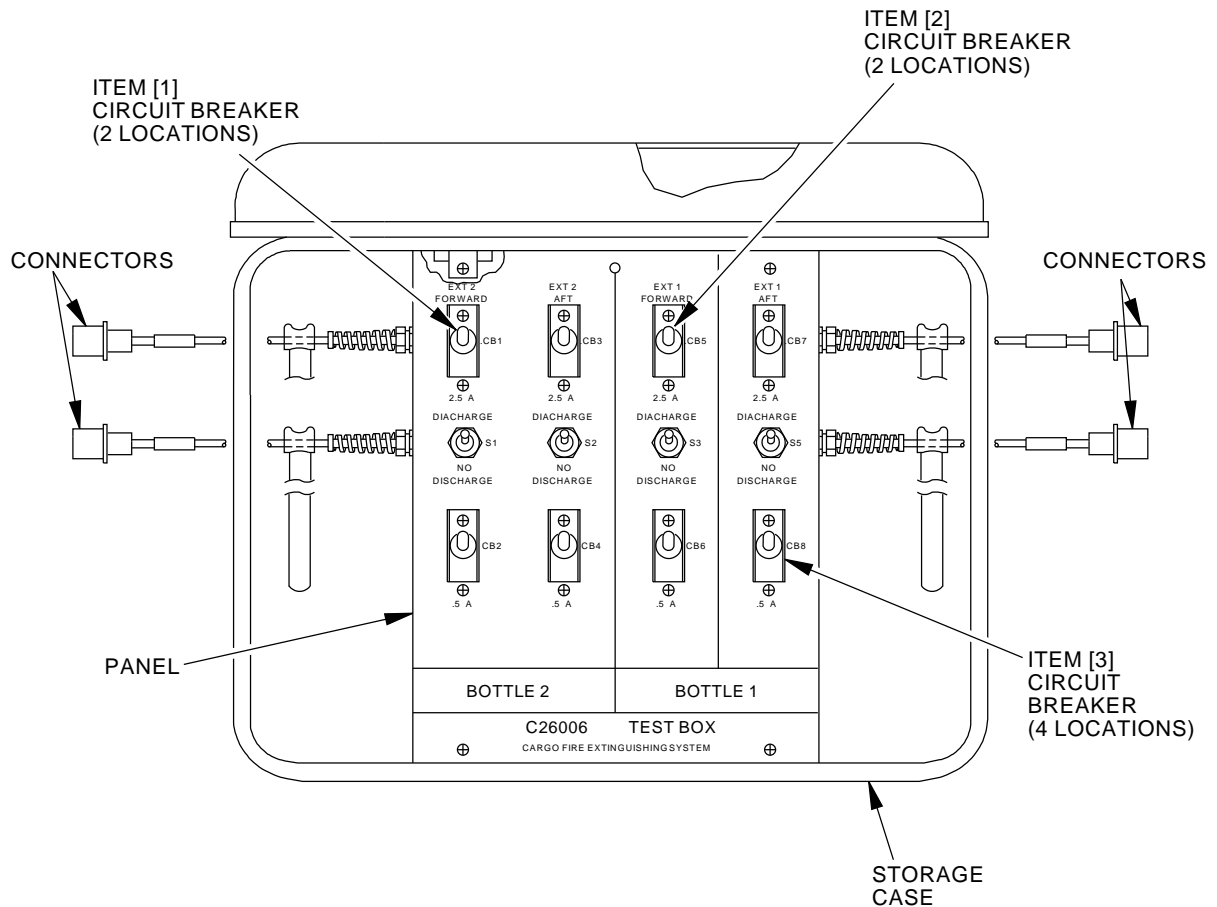
L40694 S0006831494_V5

Fire Extinguishing Bottle
Figure 2

26-20-05



737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL



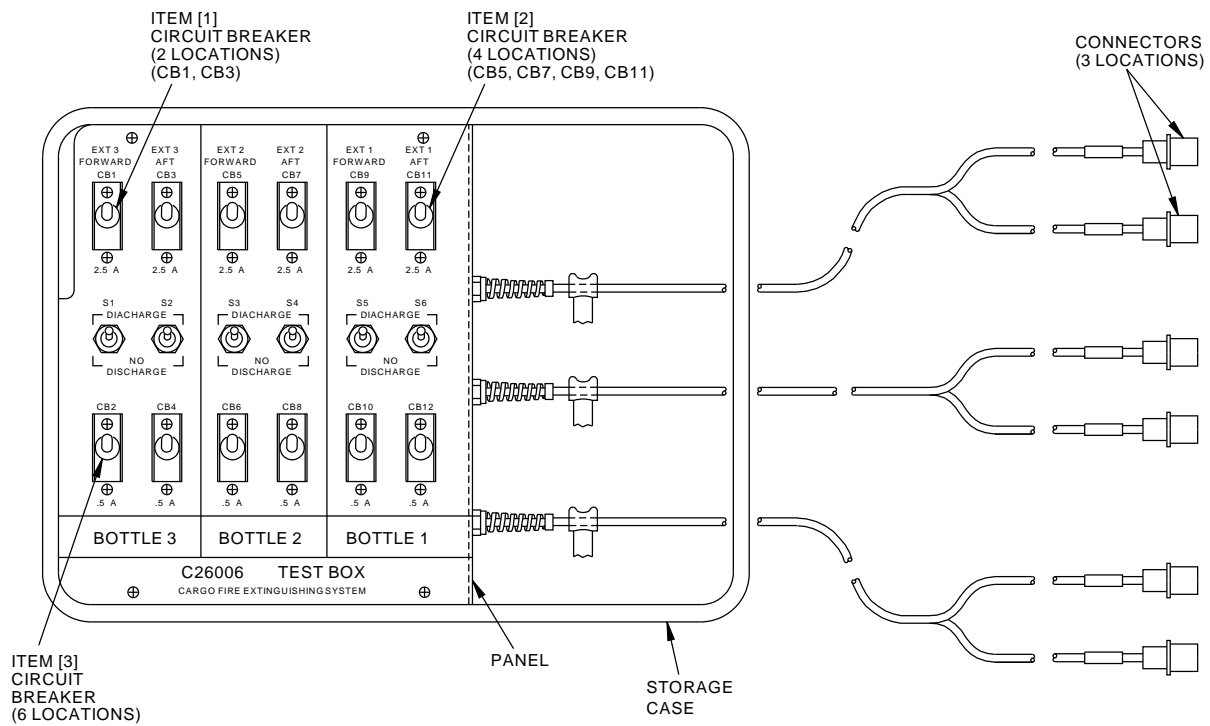
C26006-70 SHOWN
C26006-1 SIMILAR
FIRE EXTINGUISHING BOTTLE TEST BOX COMPONENTS

L40695 S0006831496_V4

C26006-1 Fire Extinguishing Bottle Test Box Components
Figure 3

26-20-05

**737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL**



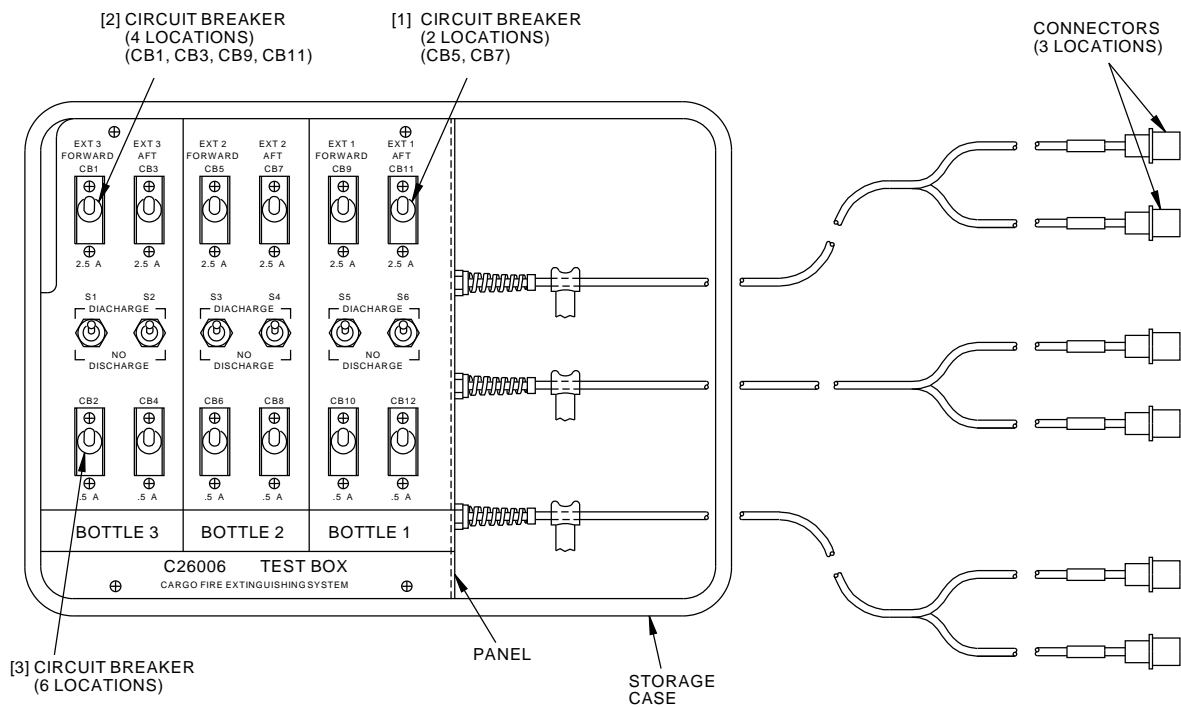
**C26006-29
FIRE EXTINGUISHING BOTTLE TEST BOX COMPONENTS**

M53789 S0006831497_V3

**C26006-29 Fire Extinguisher Test Box Components
Figure 4**

26-20-05

737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL



C26006-54
FIRE EXTINGUISHING BOTTLE
TEST BOX COMPONENTS

J83509 S0000178844_V1

C26006-54 Fire Extinguisher Test Box Components
Figure 5

26-20-05



**737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL**

| REPAIRABLE/REPLACEABLE PARTS | | | |
|------------------------------|---------------------------|--|-------------|
| ITEM NO. | PART NO. | NOMENCLATURE | VENDOR CODE |
| [1] | C26006-18 ^{*[1]} | CIRCUIT BREAKER (AAI-BO-10-425-2D1-C) | 73559 |
| [2] | C26006-19 ^{*[2]} | CIRCUIT BREAKER (AAI-BO-10-425-2D1-C) | 73559 |
| [3] | C26006-20 ^{*[3]} | CIRCUIT BREAKER (AAI-BO-10-425-2D1-C) | 73559 |

^{*[1]} C26006-1 REQUIRES 2, C26006-29 REQUIRES 2, C26006-54 REQUIRES 2, C26006-70 REQUIRES 2.

^{*[2]} C26006-1 REQUIRES 2, C26006-29 REQUIRES 4, C26006-54 REQUIRES 4, C26006-70 REQUIRES 2.

^{*[3]} C26006-1 REQUIRES 4, C26006-29 REQUIRES 6, C26006-54 REQUIRES 6, C26006-70 REQUIRES 4.

26-20-05