

CHAPTER

23

COMMUNICATIONS



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

CHAPTER 23
COMMUNICATIONS

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<u>SUBJECT</u>	<u>TITLE</u>	<u>PART NO.</u>
23	COMMUNICATIONS	
23-10-01	TEST BOX - POWER INTERRUPT/PULSE	A34015-27, -35
23-10-02	TEST CABLE - HIGH FREQUENCY COUPLER	C23003-1
23-40-01	TEST BOX - ATTENDANT HANDSET INTEGRATED HANDSET CONTROLLER, PRINTED WIRE ASSEMBLY	C23001
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PART NUMBER: A34015-27, -35

NAME: TEST BOX - POWER INTERRUPT/PULSE

AIRPLANE MAINTENANCE: NO

COMPONENT MAINTENANCE: YES

CMM 23-11-20, CMM 23-42-10

USAGE & DESCRIPTION: The A34015-27 or -35 (preferred) test box is used on all 737-300 thru -900 airplanes.

A34015-27 or -35 is used in conjunction with customer-furnished A33003-2 breakout box and A33003-47 cable for testing the radio communication panel.

A34015 is used for general power interrupt, pulse, and resistance applications involving AC and DC up to 1/2 amp between 1 and 50 milliseconds and up to 5 amps at or above 100 milliseconds.

Refer to the current A34015 drawing, CMM 23-11-20 and CMM 23-42-10 for complete usage instructions.

WEIGHT: A34015-27 - 3 lbs (1.4 kg)

A34015-35 - 5 lbs (2.3 kg)

DIMENSIONS: A34015-27 - 9 x 7 x 3 inches (229 x 178 x 76 mm)

A34015-35 - 12 x 10 x 5 inches (305 x 254 x 127 mm)

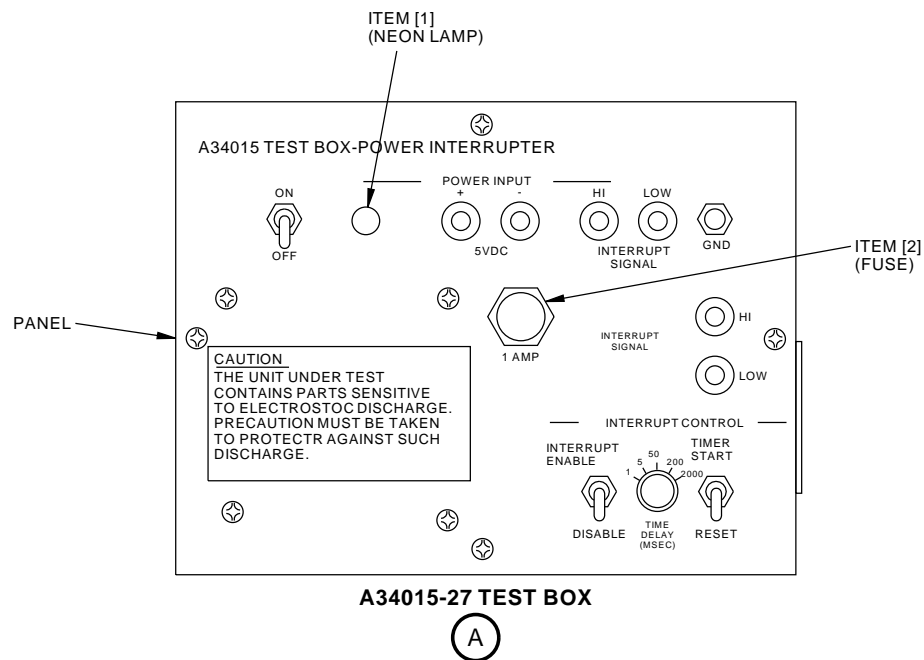
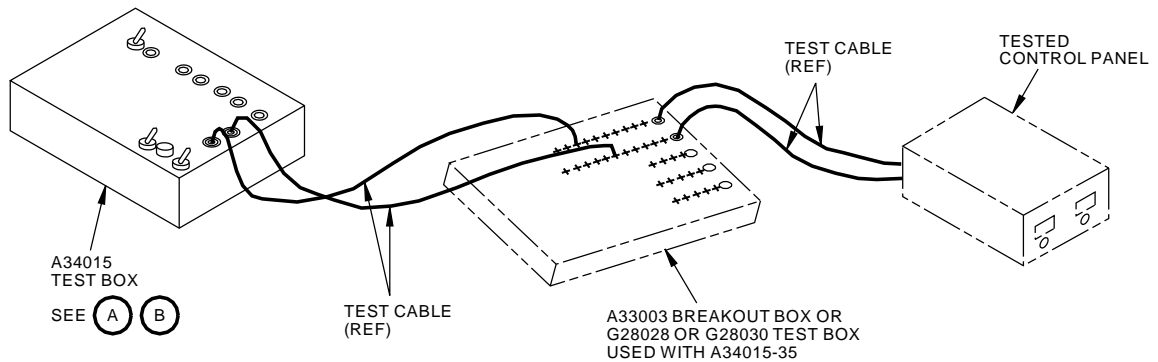
NOTE: A34015-27 supersedes A34015-23.

A34015-35 replaces A34015-27 for future procurement.

23-10-01



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K38770 S0006831446_V3

Radio Panel Test Components
Figure 1 (Sheet 1 of 2)

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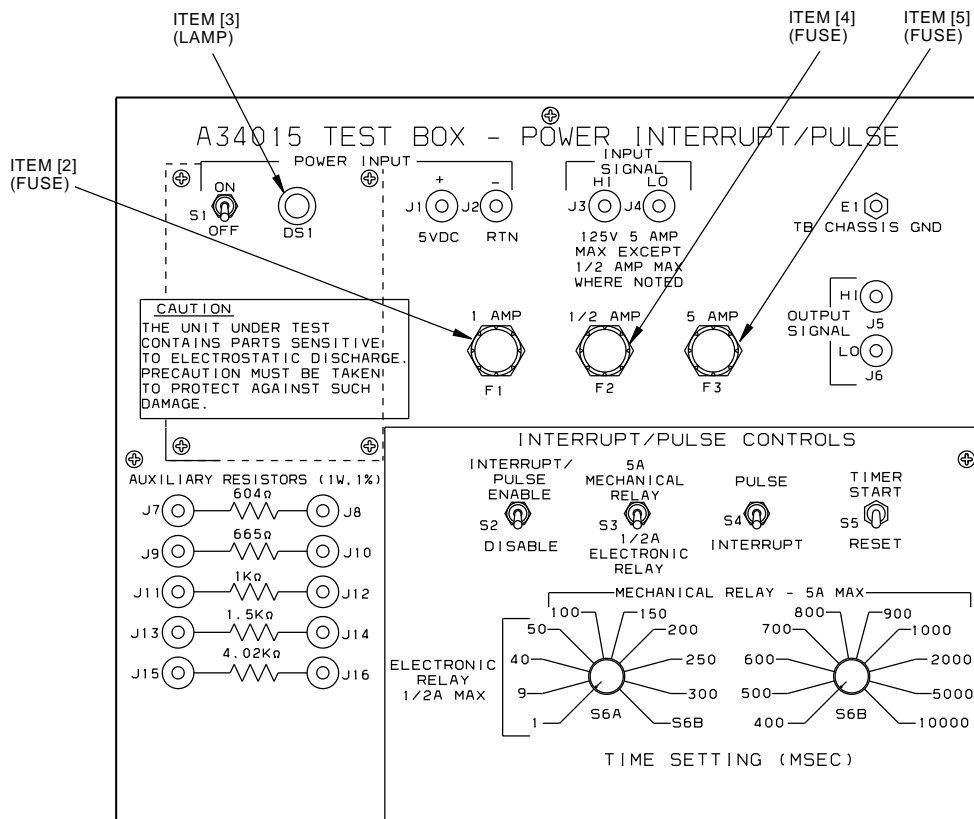
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A34015-35 TEST BOX

(B)

1559592 S0000288286_V1

Radio Panel Test Components
Figure 1 (Sheet 2 of 2)

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REPAIRABLE/REPLACEABLE PARTS			
ITEM NO.	PART NO.	NOMENCLATURE	VENDOR CODE
[1]	507-4538-0931-610	NEON LAMP	0FDS7
[2]	312001	FUSE	7E222
[3]	507-4757-3331-500	LED LAMP	0FDS7
[4]	312005	FUSE	7E222
[5]	312.500	FUSE	7E222

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PART NUMBER: C23003-1

NAME: TEST CABLE - HIGH FREQUENCY COUPLER

AIRPLANE MAINTENANCE: YES

AMM 23-11-61

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The C23003-1 test cable has limited applicability on 737-800 airplanes. C23003 test cable is used to check the internal pressure of the M227/ M440 HF antenna coupler. C23003 is connected between the X42 connector on the HF antenna coupler and a RS-232 serial port on a customer furnished PC laptop computer with a Windows operating system that contains the hyperterminal application. Refer to the current C23003 drawing and AMM 23-11-61 for complete usage instructions.

The C23003-1 test cable consists of:

C23003-1		
QUANTITY	NOMENCLATURE	PART NUMBER
1	TEST CABLE ASSEMBLY	C23003-2
1	STORAGE CASE	

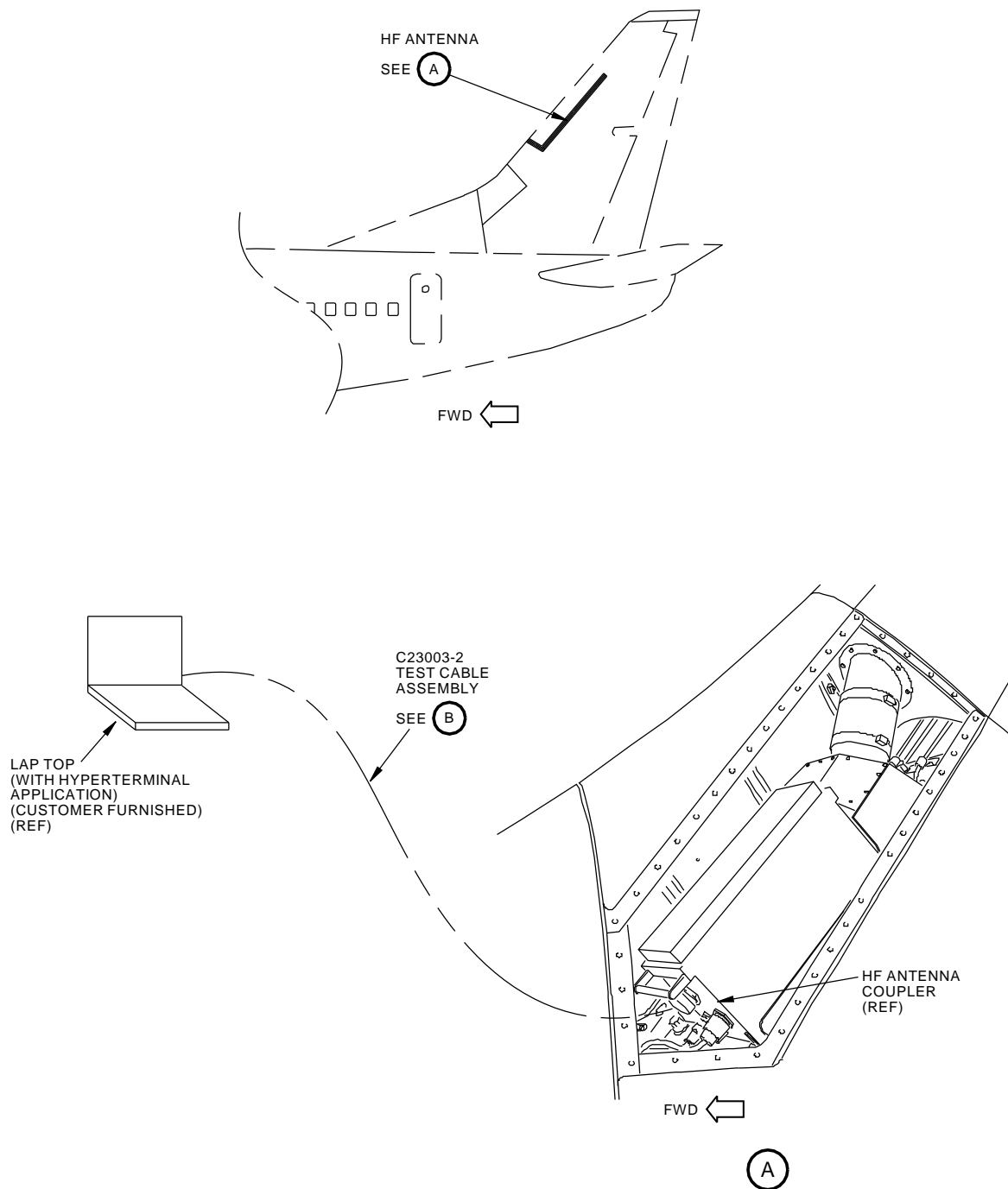
WEIGHT: 5 lbs (2.3 kg)

DIMENSIONS: 150 inches (3810 mm)

23-10-02



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1850411 S0000329717_V1

HF Coupler Test Cable
Figure 1 (Sheet 1 of 2)

23-10-02

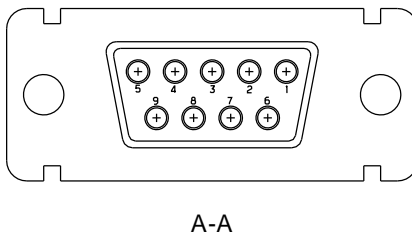
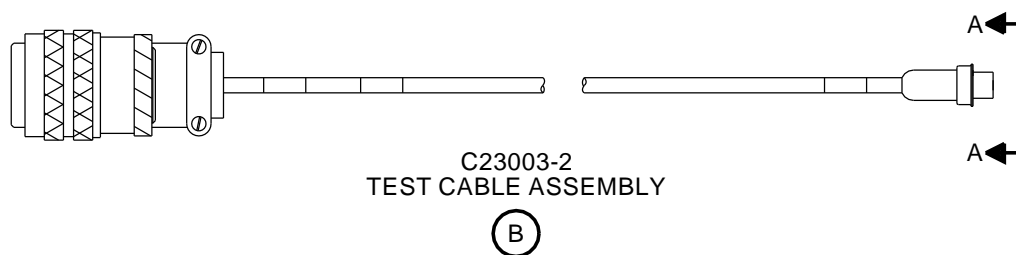
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1850418 S0000329718_V1

HF Coupler Test Cable
Figure 1 (Sheet 2 of 2)

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PART NUMBER: C23001

NAME: TEST BOX - ATTENDANT HANDSET INTEGRATED HANDSET
CONTROLLER, PRINTED WIRE ASSEMBLY

AIRPLANE MAINTENANCE: NO

COMPONENT MAINTENANCE: YES
CMM 23-42-10, CMM 23-42-15

USAGE & DESCRIPTION: The C23001 drawing has been transferred to BAE Systems and will no longer be revised by Boeing. Inclusion in the 737 ITEM is for information and historical purposes only. The C23001 test box is used on all 737 airplanes.

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PART NUMBER: C23002

NAME: ACOUSTIC COUPLER EQUIPMENT - HANDSET TRANSMITTER AND
RECEIVER ASSEMBLY

AIRPLANE MAINTENANCE: NO

COMPONENT MAINTENANCE: YES
CMM 23-42-15

USAGE & DESCRIPTION: The C23002 drawing has been transferred to BAE Systems and will no longer be revised by Boeing. C23002 inclusion in the 737 ITEM is for information and historical purposes only. C23002 is used during component maintenance on all 737 airplanes equipped with BAE handset Part Number 285W0024.

23-40-02