# CHAPTER 44 CABIN SYSTEMS



# CHAPTER 44 CABIN SYSTEMS

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A = Added, R = Revised, D = Deleted, O = Overflow

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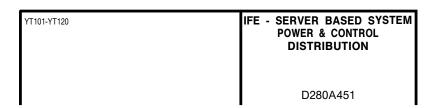
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44-21-20	IFE - SERVER BASED SYSTEM ARINC INTERFACES
44-21-12	IFE - SERVER BASED SYSTEM HEAD-END - CMT/CP/ DATA PORT INTERFACES
44-21-14	IFE - SERVER BASED SYSTEM HEAD-END - MCU/ADB ETHERNET INTERFACES
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44-21-10	IFE - SERVER BASED SYSTEM POWER & CONTROL DISTRIBUTION

CH-SC-SU	Title	

# **44-ALPHABETICAL INDEX**

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M2785 FWD ATTENDANT PANEL

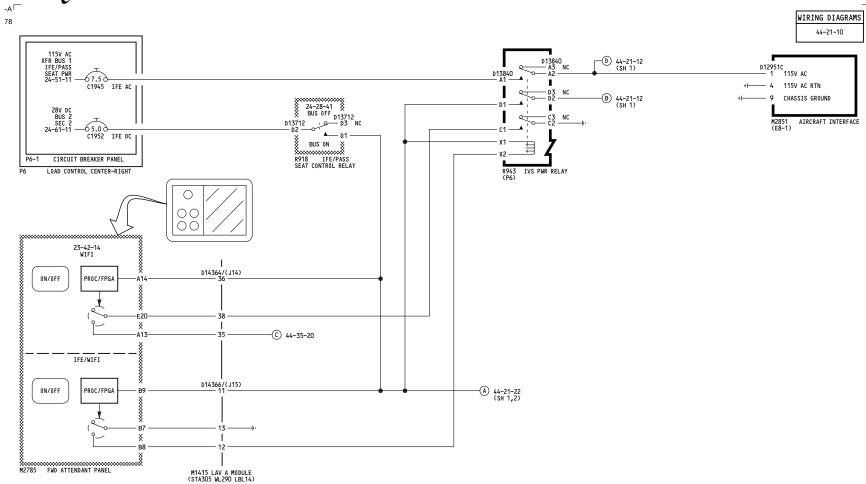
M1415 LAV A MODULE (STA305 WL290 LBL14)

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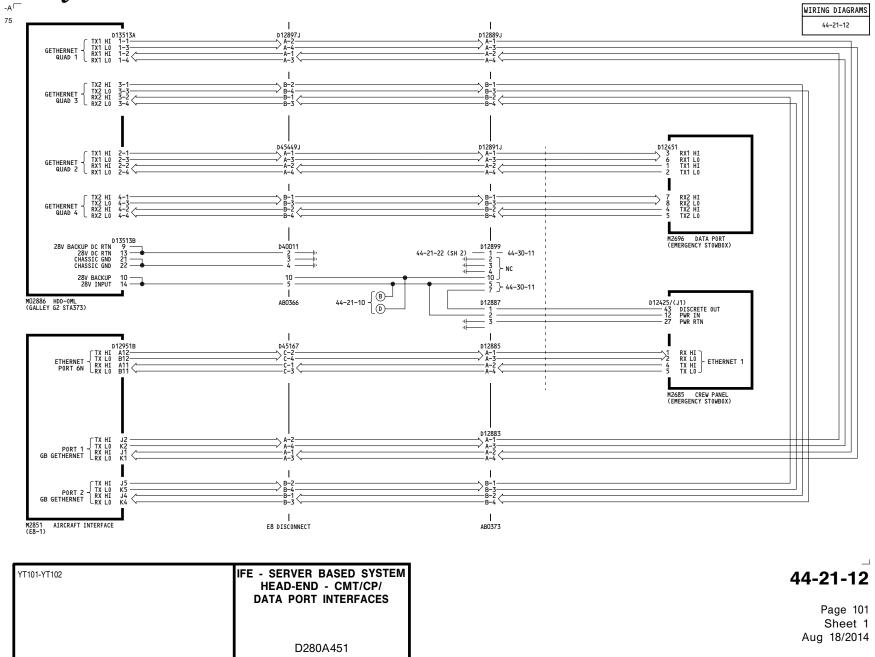
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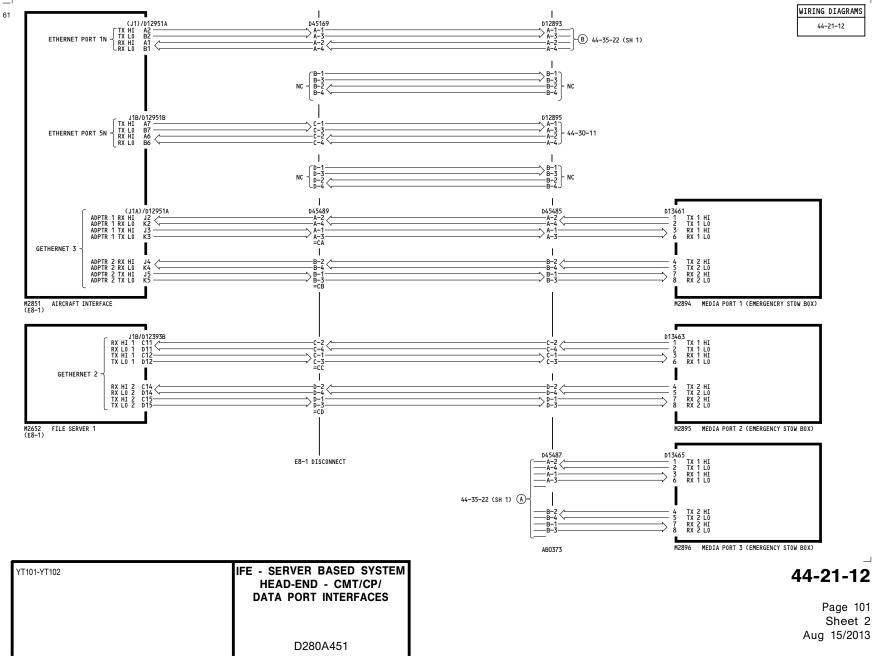






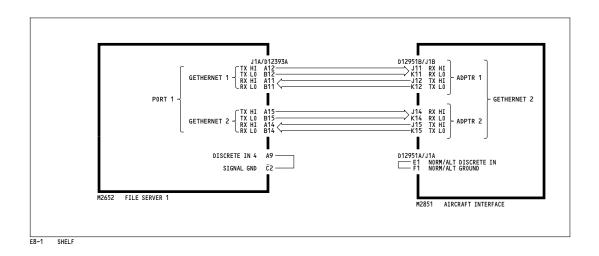
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WIRING DIAGRAMS



IFE - SERVER BASED SYSTEM
HEAD-END - CMT/CP/
DATA PORT INTERFACES

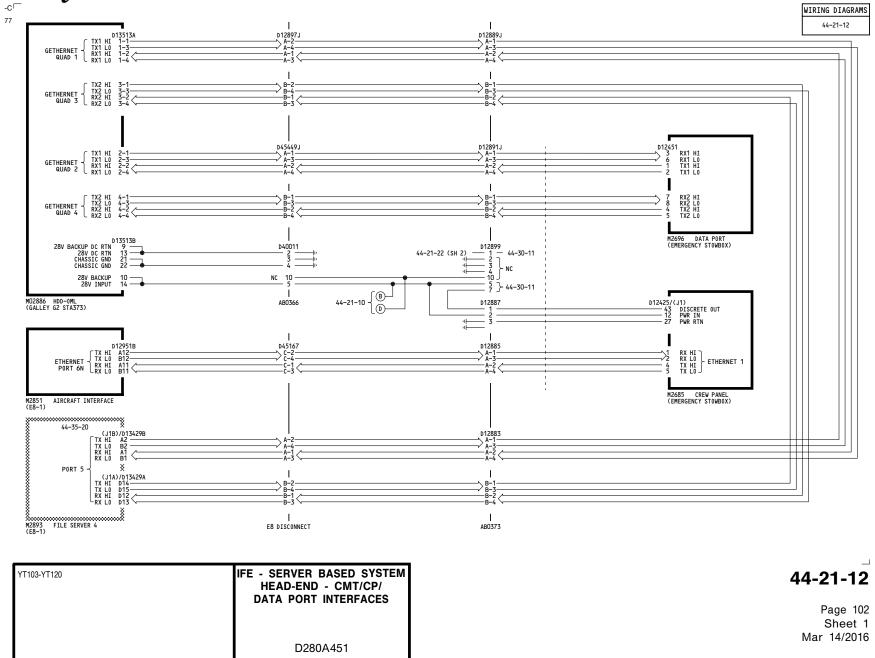
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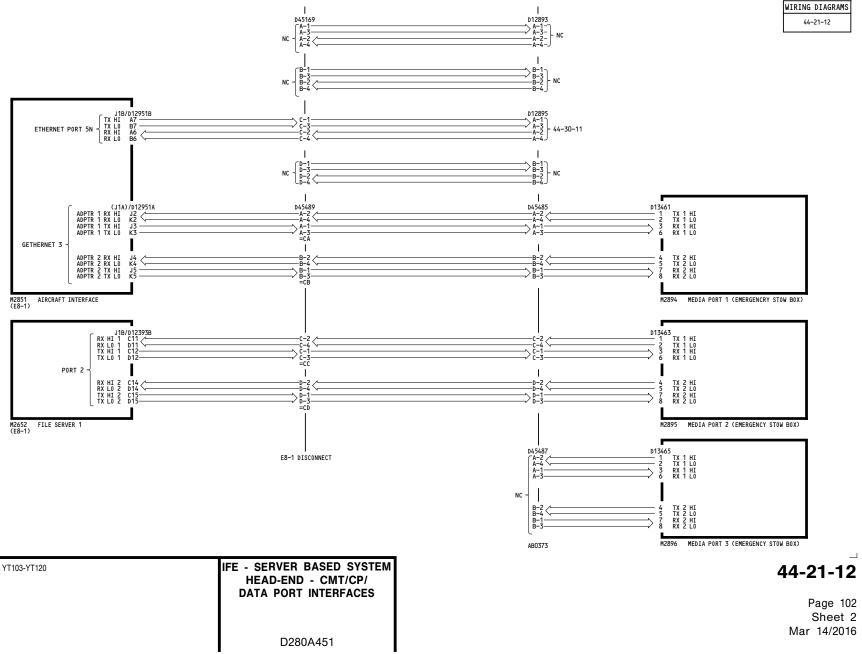
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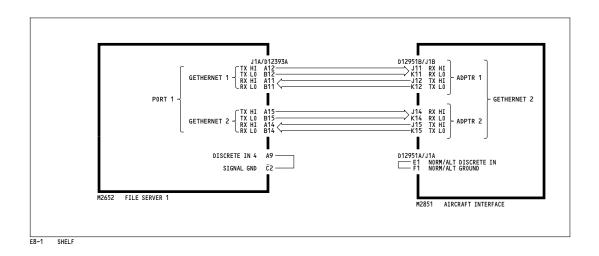


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WIRING DIAGRAMS



YT103-YT120

IFE - SERVER BASED SYSTEM
HEAD-END - CMT/CP/
DATA PORT INTERFACES

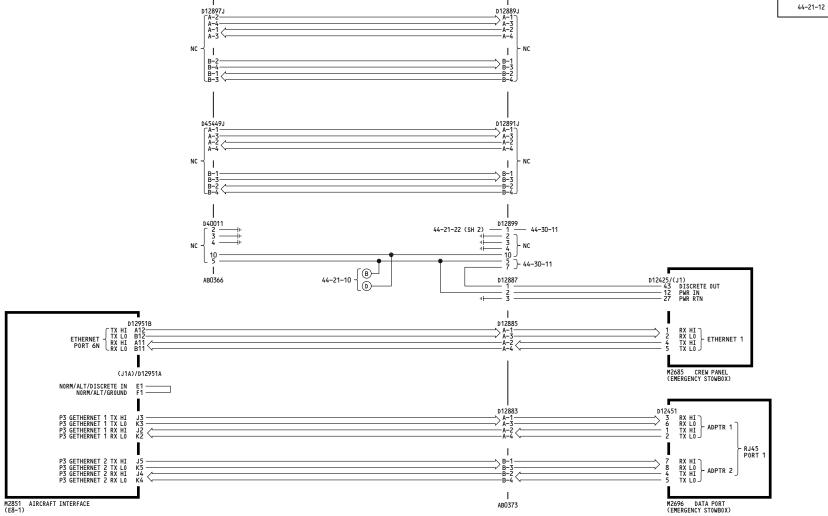
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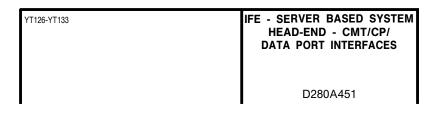
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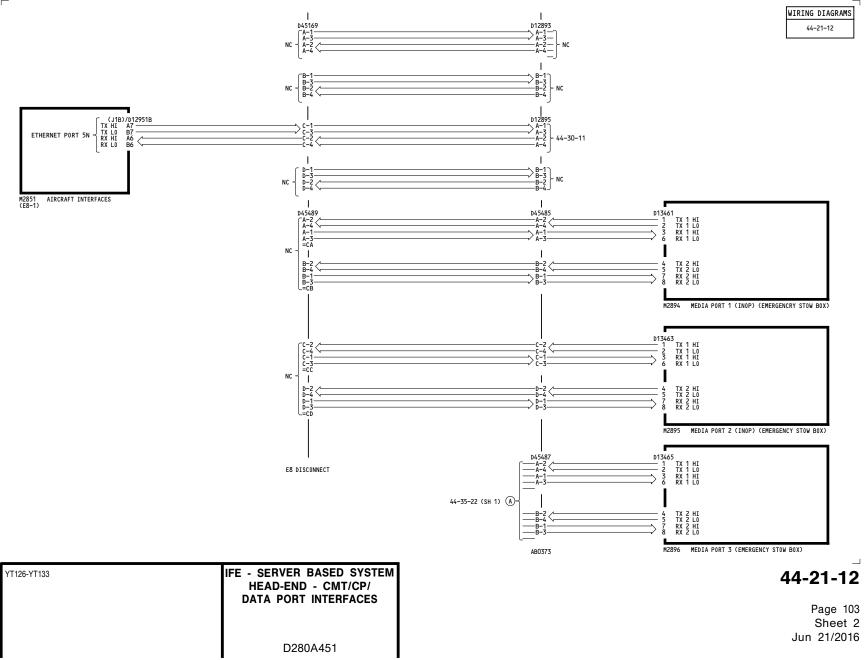






44-21-12

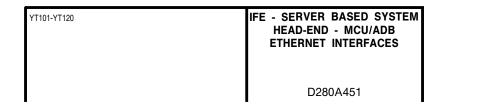
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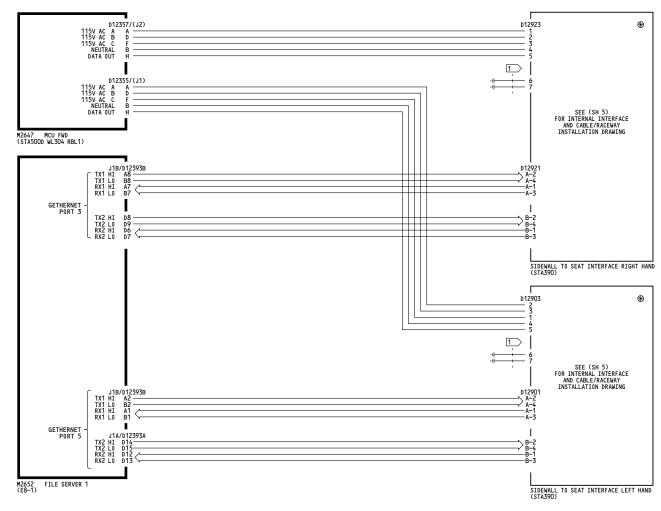


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### 737-800 SYSTEM SCHEMATIC MANUAL

WIRING DIAGRAMS



NOTES:

1 MAXIMUM 24 INCH LENGTH

YT101-YT120

IFE - SERVER BASED SYSTEM
MCU/ADB - SEAT
COLUMN INTERFACES

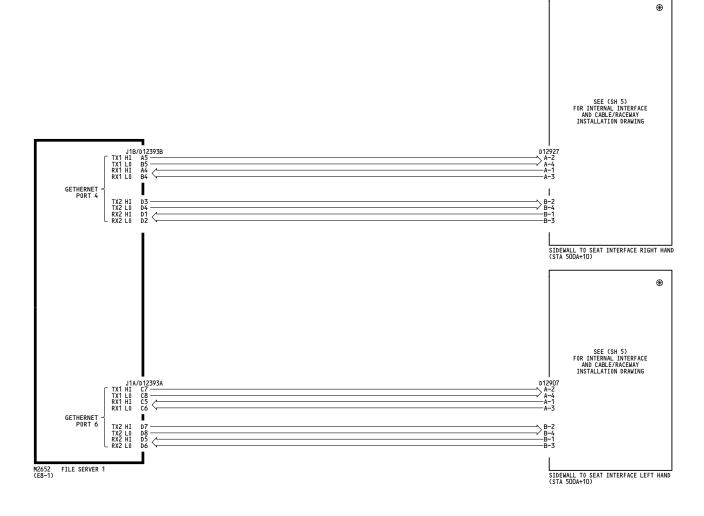
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WIRING DIAGRAMS 44-21-16



NOTES:

YT101-YT120	IFE - SERVER BASED SYSTEM MCU/ADB - SEAT COLUMN INTERFACES
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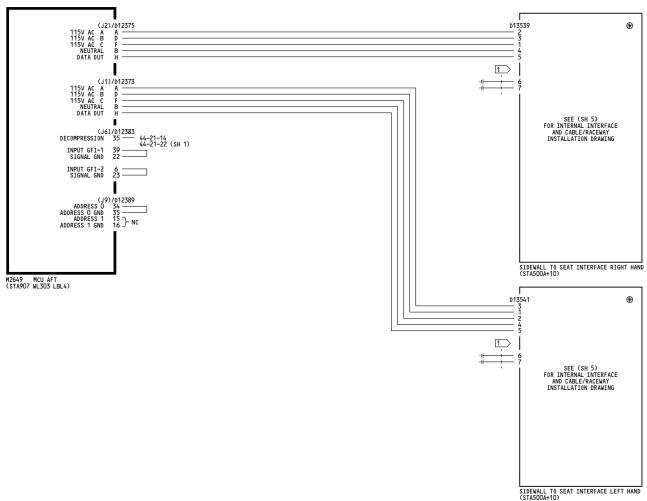


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### 737-800 SYSTEM SCHEMATIC MANUAL

WIRING DIAGRAMS 44-21-16



NOTES:

1 MAXIMUM 24 INCH LENGTH

YT101-YT120	IFE - SERVER BASED SYSTEM MCU/ADB - SEAT COLUMN INTERFACES
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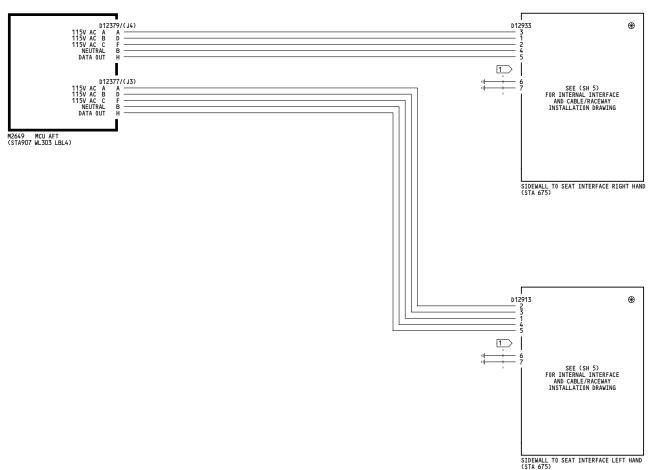


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### 737-800 SYSTEM SCHEMATIC MANUAL

WIRING DIAGRAMS 44-21-16



NOTES:

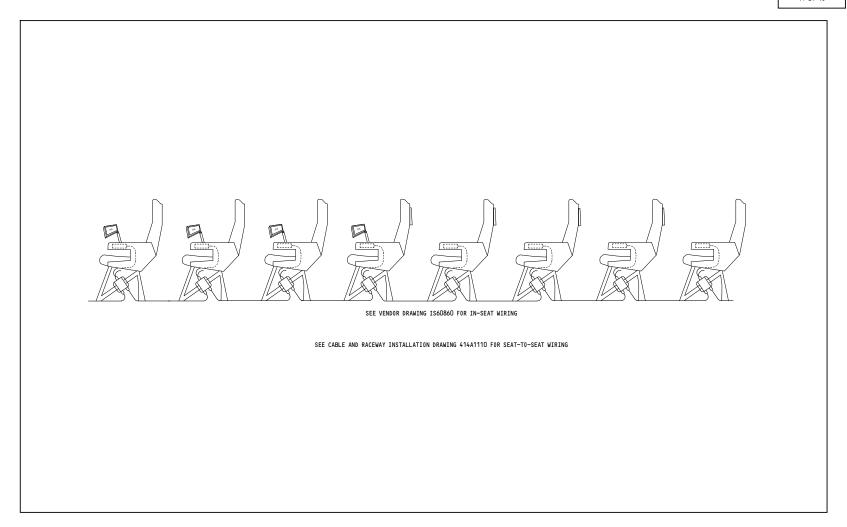
1 MAXIMUM 24 INCH LENGTH

YT101-YT120	IFE - SERVER BASED SYSTEM MCU/ADB - SEAT COLUMN INTERFACES
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WIRING DIAGRAMS 44-21-16



YT101-YT120

IFE - SERVER BASED SYSTEM
MCU/ADB - SEAT
COLUMN INTERFACES

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WIRING DIAGRAMS 44-21-16





### NOTES:

1 MAXIMUM 24 INCH LENGTH

SEE (SH 5) FOR INTERNAL INTERFACE AND CABLE/RACEWAY INSTALLATION DRAWING

YT101-YT120	IFE - SERVER BASED SYSTEM MCU/ADB - SEAT COLUMN INTERFACES
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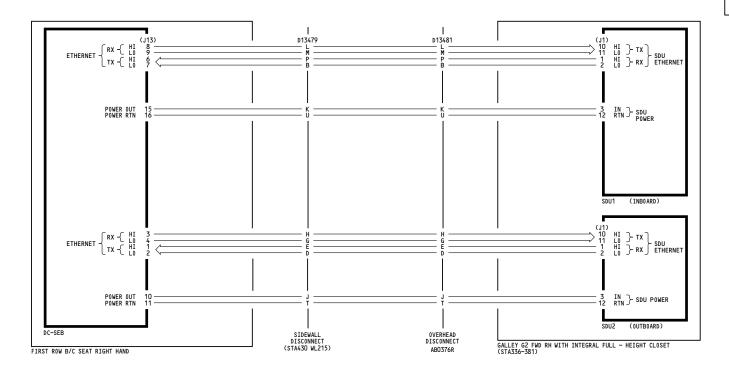
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### 737-800 SYSTEM SCHEMATIC MANUAL

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YT101-YT120

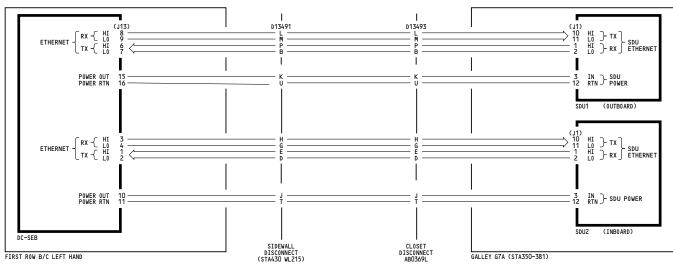
IFE - SERVER BASED SYSTEM
MCU/ADB - SEAT
COLUMN INTERFACES

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WIRING DIAGRAMS 44-21-16

YT101-YT120

IFE - SERVER BASED SYSTEM
MCU/ADB - SEAT
COLUMN INTERFACES

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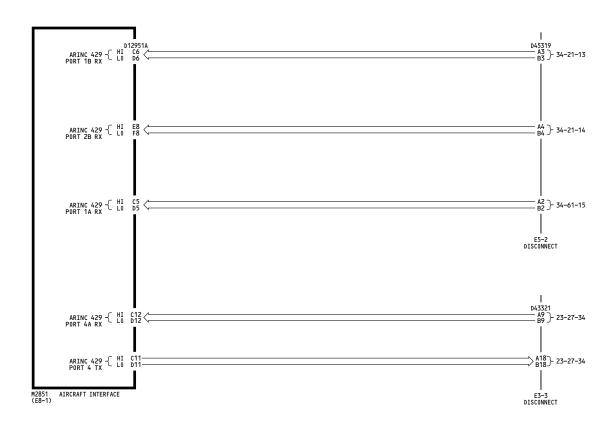
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### 737-800 SYSTEM SCHEMATIC MANUAL

WIRING DIAGRAMS



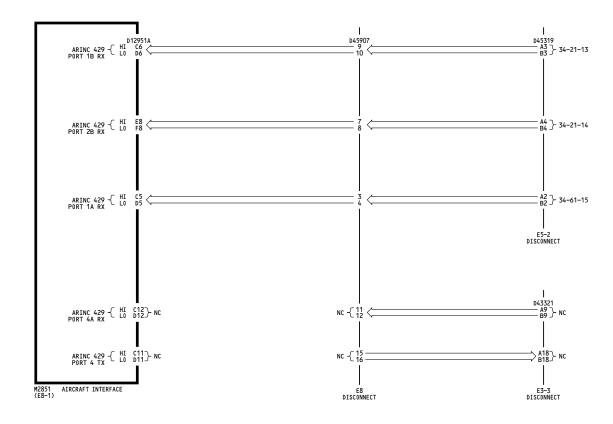
YT101-YT120	IFE - SERVER BASED SYSTEM ARINC INTERFACES
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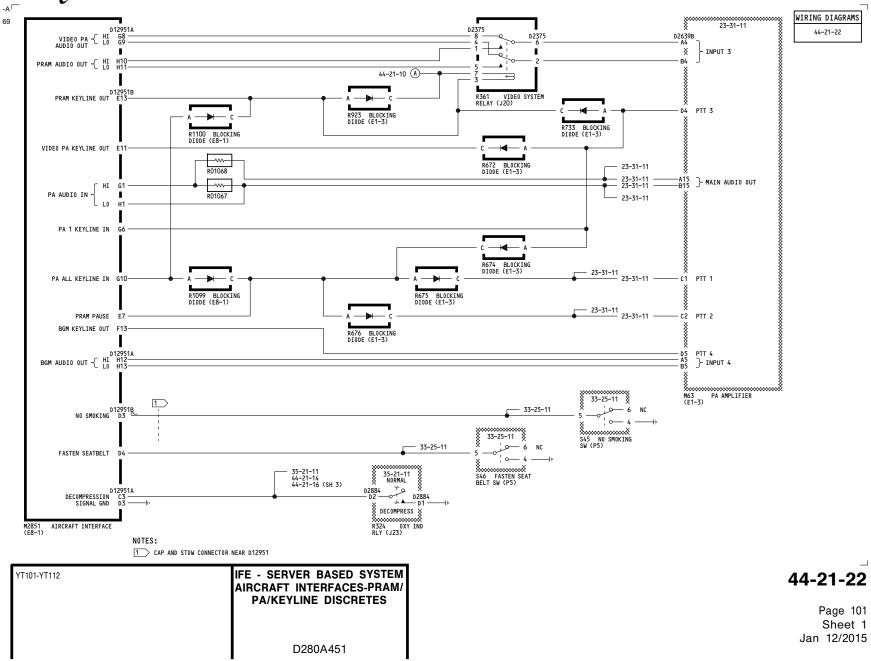
YT126-YT133	IFE - SERVER BASED SYSTEM ARINC INTERFACES
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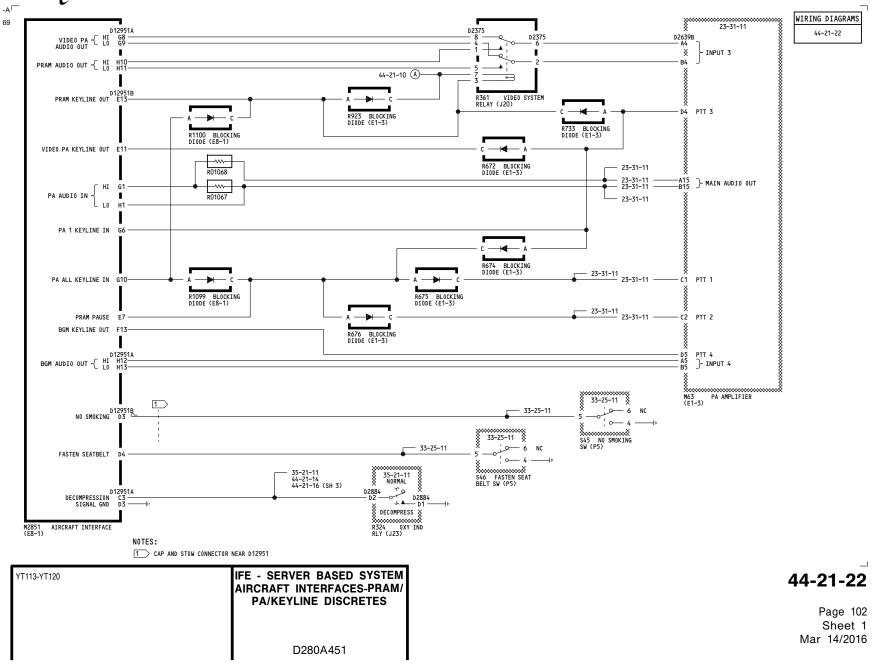




WIRING DIAGRAMS 59 44-21-22 32-09-11 AIR/NOT GND - 44-21-12 (SH 1) D11138 GND 32-09-11 PARKING BRAKE NOT SET OR AIR - D6 PARKING BRAKE PARKING BRAKE SET 32-61-11 NOSE GEAR UP AND LOCKED D10982 D8 NOSE LANDING GEAR DOWN/LOCKED NOSE GEAR DOWN AND LOCKED 33-45-11 52-71-11 DOOR LOCKED - D7 DOORS CLOSED - 52-71-11 D10988 44-21-10 (A)-R915 ISOLATING DIODE (J4 JUNCTION BOX) DOOR NOT LOCKED R924 VIDEO DISCRETE RELAY M2061 PROXIMITY SWITCH ELECTRONICS UNIT (PSEU) (STA212 WL180 RBL20) 73-22-31 D13132 D5 ENGINE ON/OFF NC RUN R784 ENGINE 2 (J24) RUNNING RELAY D2921 - 33-18-37 73-22-31 D13130 -F10 VIDEO IN USE **— 33–18–37** NC AIRCRAFT INTERFACE RUN VIDEO ON LIGHT P5-81 VIDEO ANNUNCIATION PANEL (AFT OVERHEAD) R783 ENGINE 1 (J22) RUNNING RELAY P5 PILOT OVERHEAD PANEL YT101-YT112 IFE - SERVER BASED SYSTEM 44-21-22 AIRCRAFT INTERFACES-PRAM/ **PA/KEYLINE DISCRETES** Page 101 Sheet 2 Jan 12/2015

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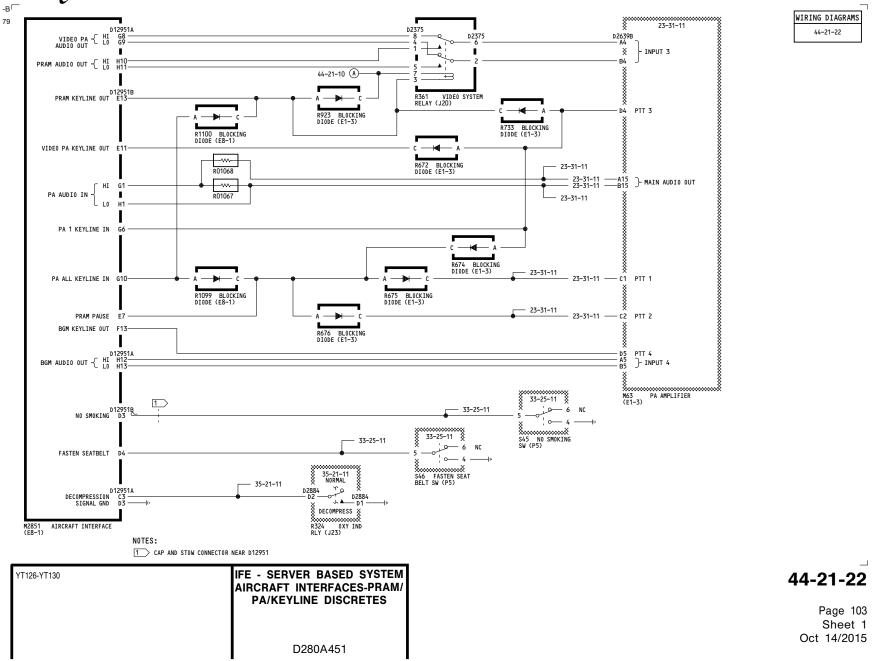




WIRING DIAGRAMS 91 44-21-22 32-09-11 AIR/NOT GND - 44-21-12 (SH 1) D11138 GND 32-09-11 PARKING BRAKE NOT SET OR AIR - D6 PARKING BRAKE PARKING BRAKE SET 32-61-11 NOSE GEAR UP AND LOCKED D10982 D8 NOSE LANDING GEAR DOWN/LOCKED NOSE GEAR DOWN AND LOCKED 33-42-21 SH 1 52-71-11 DOOR LOCKED - D7 DOORS CLOSED - 52-71-11 D10988 44-21-10 (A)-R915 ISOLATING DIODE (J4 JUNCTION BOX) DOOR NOT LOCKED R924 VIDEO DISCRETE RELAY M2061 PROXIMITY SWITCH ELECTRONICS UNIT (PSEU) (STA212 WL180 RBL20) 73-22-31 D13132 D5 ENGINE ON/OFF NC RUN R784 ENGINE 2 (J24) RUNNING RELAY D2921 - 33-18-37 73-22-31 D13130 -F10 VIDEO IN USE - 33-18-37 NC AIRCRAFT INTERFACE RUN VIDEO ON LIGHT P5-81 VIDEO ANNUNCIATION PANEL (AFT OVERHEAD) R783 ENGINE 1 (J22) RUNNING RELAY P5 PILOT OVERHEAD PANEL YT113-YT120 IFE - SERVER BASED SYSTEM 44-21-22 AIRCRAFT INTERFACES-PRAM/ **PA/KEYLINE DISCRETES** Page 102 Sheet 2 Mar 14/2016

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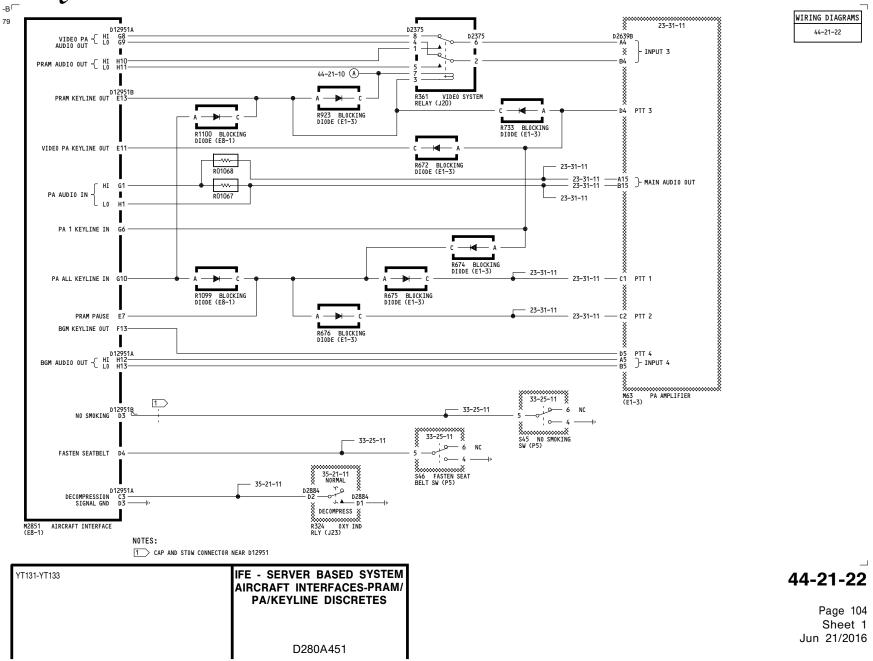






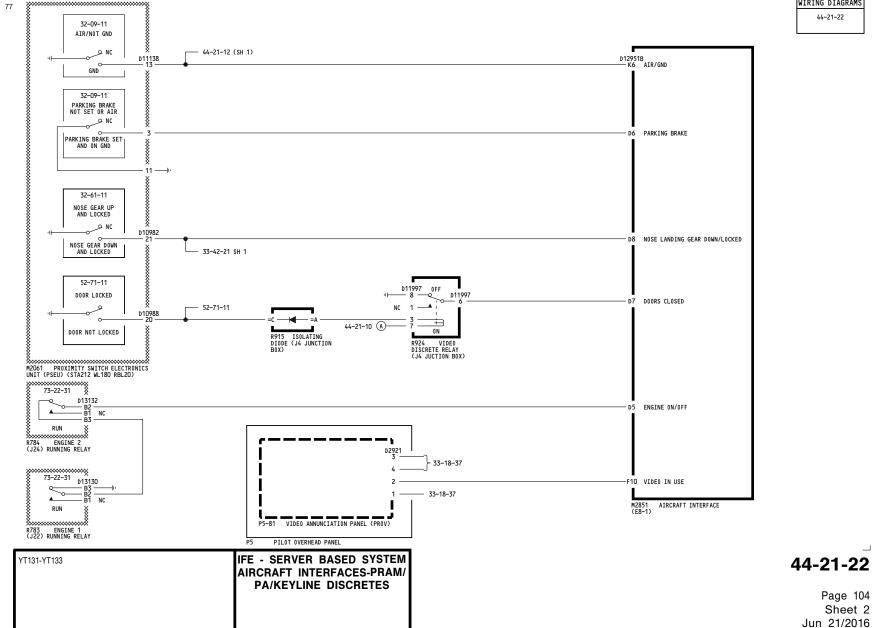
-H┌ WIRING DIAGRAMS 23 44-21-22 32-09-11 AIR/NOT GND - 44-21-12 (SH 1) D11138 GND 32-09-11 PARKING BRAKE NOT SET OR AIR - D6 PARKING BRAKE PARKING BRAKE SET 32-61-11 NOSE GEAR UP AND LOCKED D10982 D8 NOSE LANDING GEAR DOWN/LOCKED NOSE GEAR DOWN AND LOCKED 33-45-11 52-71-11 DOOR LOCKED - D7 DOORS CLOSED - 52-71-11 D10988 44-21-10 (A)-R915 ISOLATING DIODE (J4 JUNCTION BOX) DOOR NOT LOCKED R924 VIDEO DISCRETE RELAY M2061 PROXIMITY SWITCH ELECTRONICS UNIT (PSEU) (STA212 WL180 RBL20) 73-22-31 D13132 D5 ENGINE ON/OFF NC RUN R784 ENGINE 2 (J24) RUNNING RELAY D2921 3 - 33-18-37 73-22-31 D13130 -F10 VIDEO IN USE **— 33-18-37** NC AIRCRAFT INTERFACE RUN P5-81 VIDEO ANNUNCIATION PANEL (PROV) R783 ENGINE 1 (J22) RUNNING RELAY PILOT OVERHEAD PANEL YT126-YT130 IFE - SERVER BASED SYSTEM 44-21-22 AIRCRAFT INTERFACES-PRAM/ **PA/KEYLINE DISCRETES** Page 103 Sheet 2 Oct 14/2015 D280A451







WIRING DIAGRAMS 44-21-22

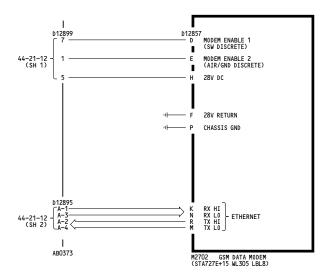


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WIRING DIAGRAMS
44-30-11



YT101-YT120

EXTERNAL COMMUNICATION SYSTEM-WIRELESS GATELINK

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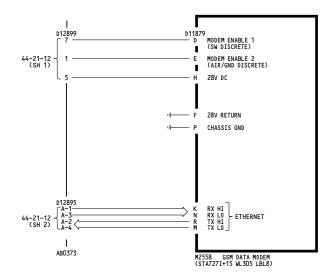
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WIRING DIAGRAMS 44-30-11



YT126-YT133

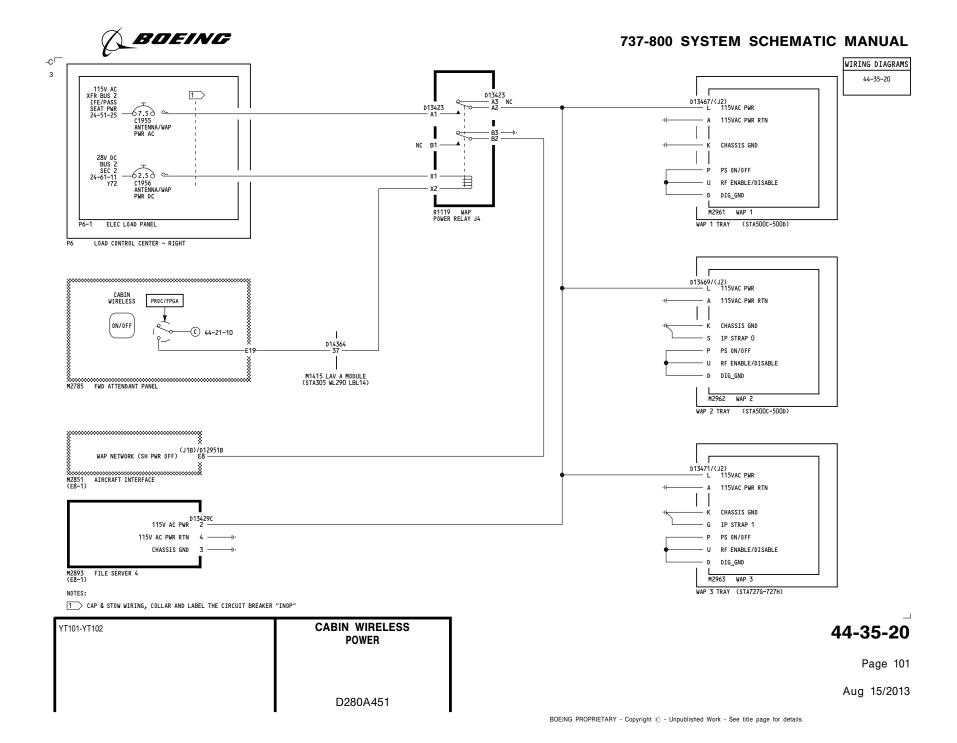
EXTERNAL COMMUNICATION SYSTEM-WIRELESS GATELINK

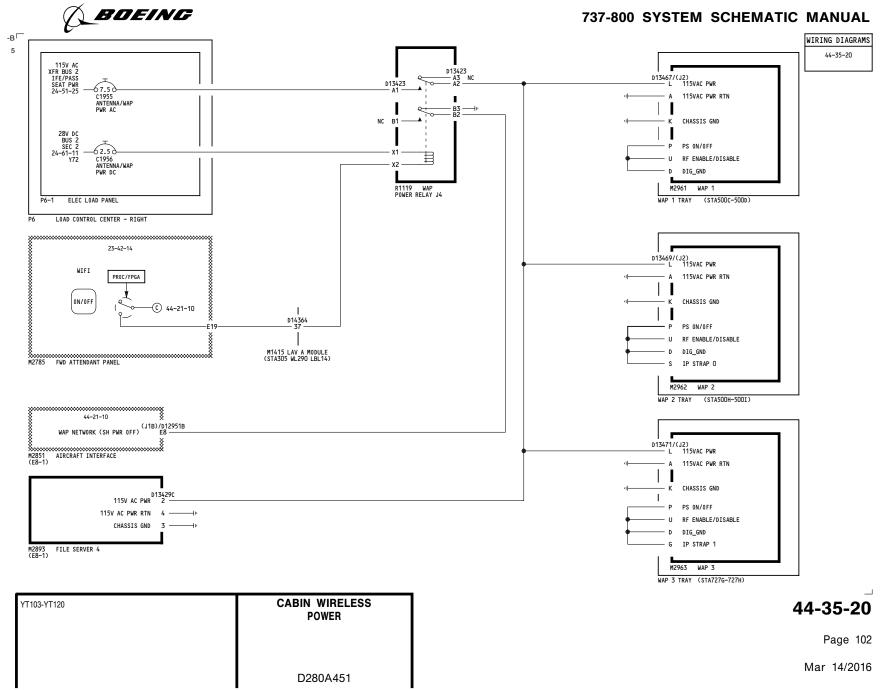
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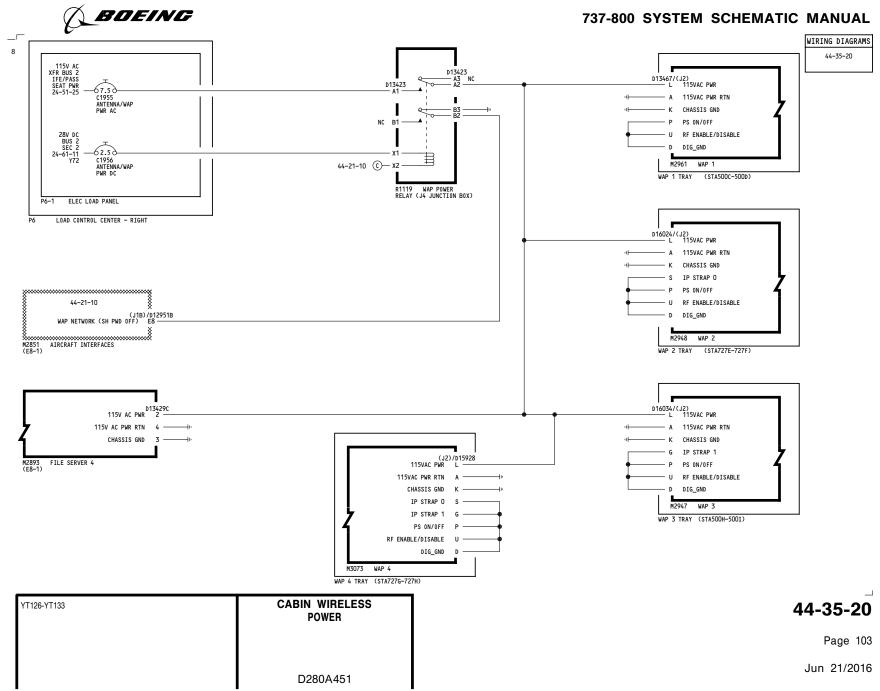
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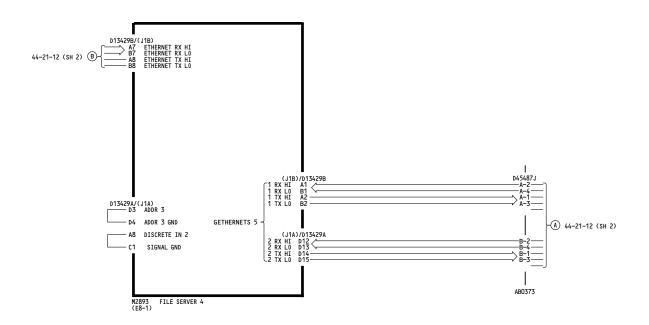








WIRING DIAGRAMS
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YT101-YT102	CABIN WIRELESS DATA
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44-35-22

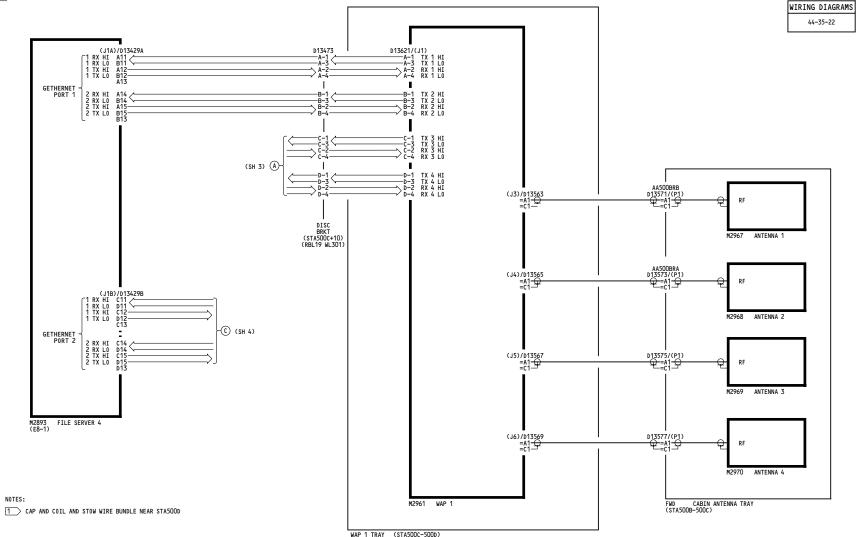
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# 737-800 SYSTEM SCHEMATIC MANUAL



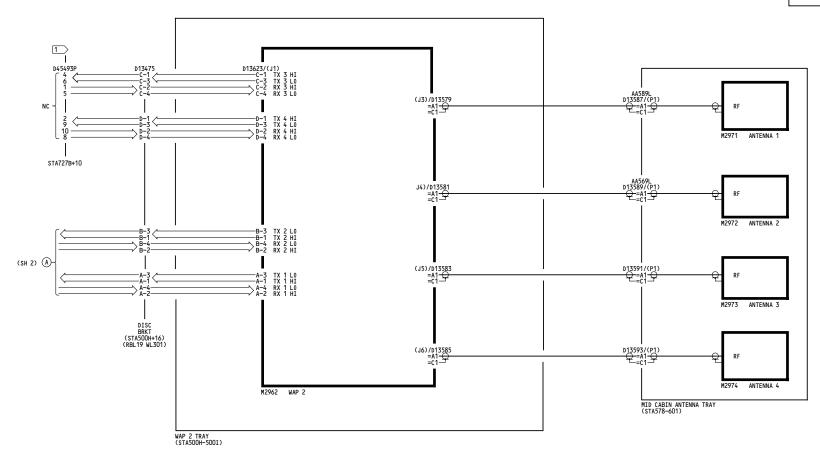
YT101-YT102	CABIN WIRELESS Data
	D280A451

44-35-22

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WIRING DIAGRAMS



NOTES:

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1 CAP AND COIL AND STOW WIRE BUNDLE NEAR D45493P NEAR STA727B+10

YT101-YT102	CABIN WIRELESS DATA
	D280A451

44-35-22

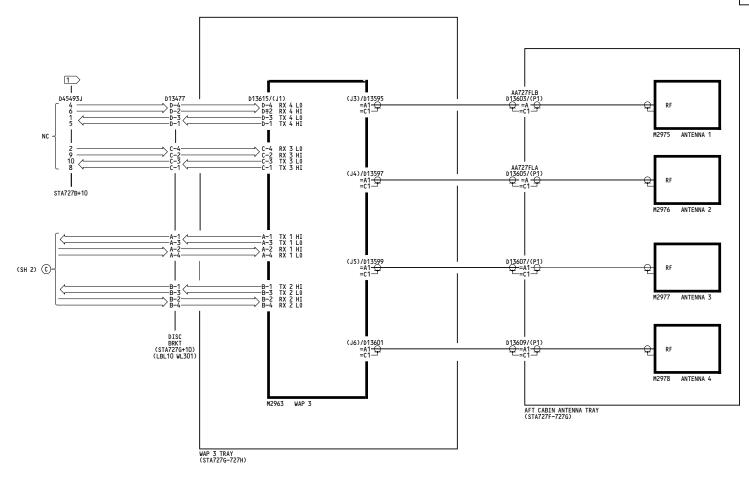
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WIRING DIAGRAMS
44-35-22



NOTES:

 $\fbox{1} \qquad \text{CAP AND COIL AND STOW WIRE BUNDLE NEAR D45493J NEAR STA727B+10}$ 

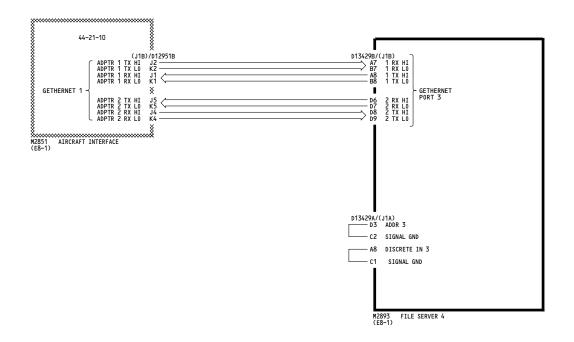
YT101-YT102	CABIN WIRELESS Data
	D280A451

44-35-22

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WIRING DIAGRAMS



YT103-YT105	CABIN WIRELESS Data
1	D280A451

44-35-22

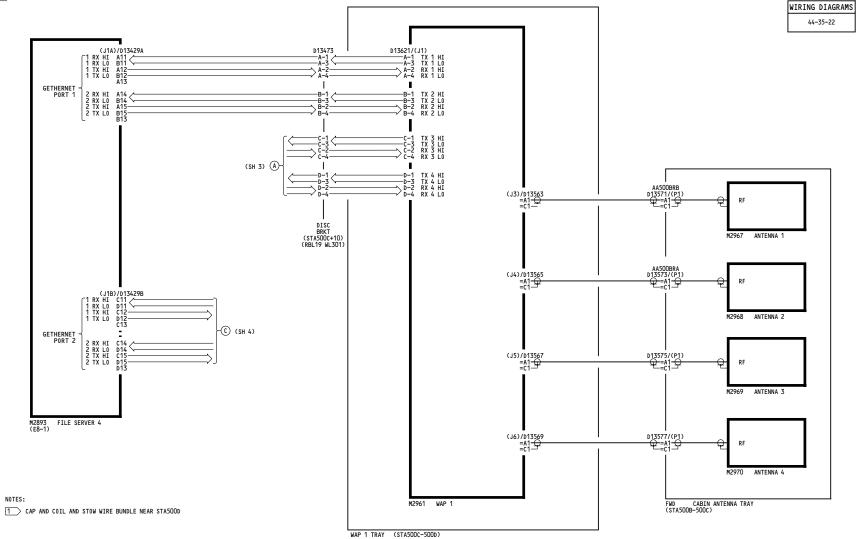
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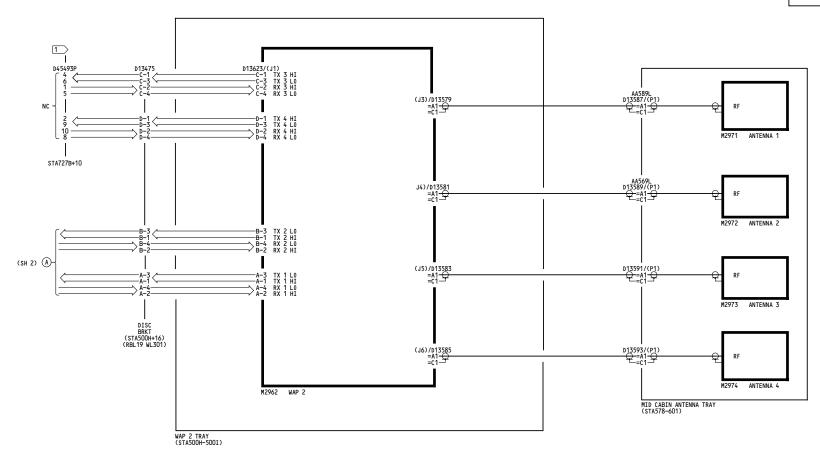
YT103-YT105	CABIN WIRELESS Data
	D280A451

44-35-22

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WIRING DIAGRAMS



NOTES:

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1 CAP AND COIL AND STOW WIRE BUNDLE NEAR D45493P NEAR STA727B+10

YT103-YT105	CABIN WIRELESS Data
	D280A451

44-35-22

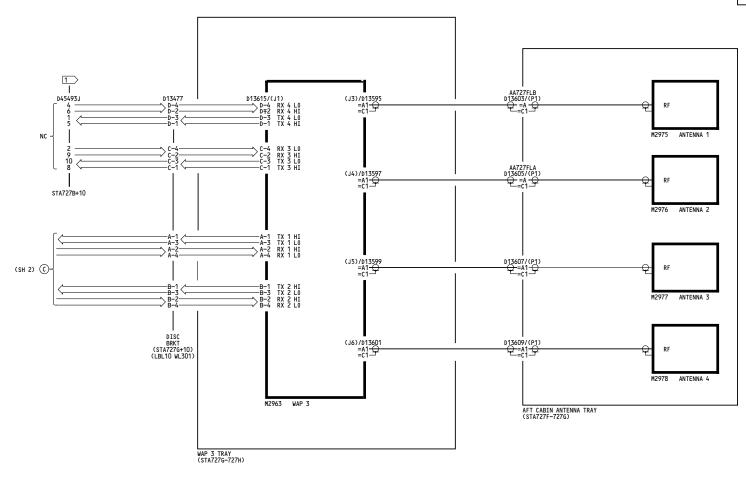
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# 737-800 SYSTEM SCHEMATIC MANUAL

WIRING DIAGRAMS
44-35-22



NOTES:

1 CAP AND COIL AND STOW WIRE BUNDLE NEAR D45493J NEAR STA727B+10

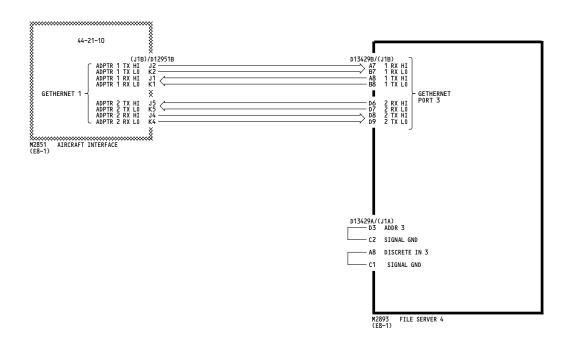
YT103-YT105	CABIN WIRELESS Data
	D280A451

44-35-22

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WIRING DIAGRAMS



YT106-YT120	CABIN WIRELESS Data
	D280A451

44-35-22

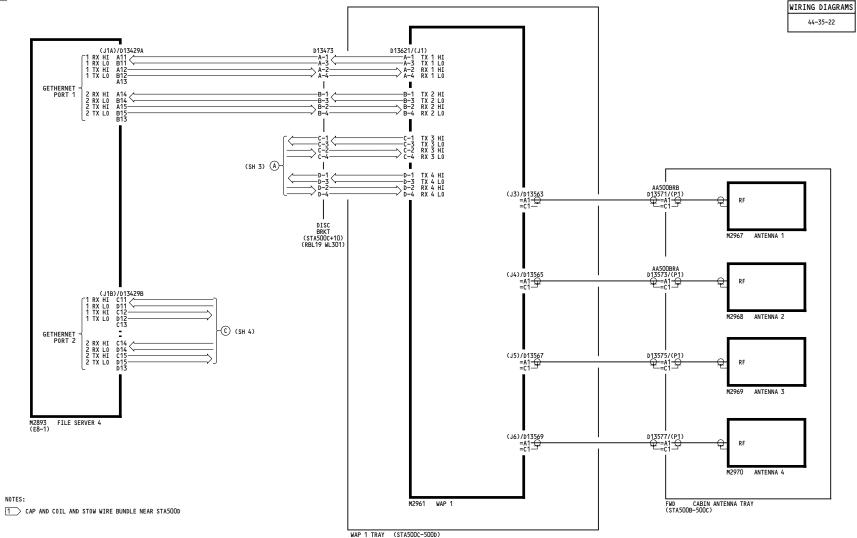
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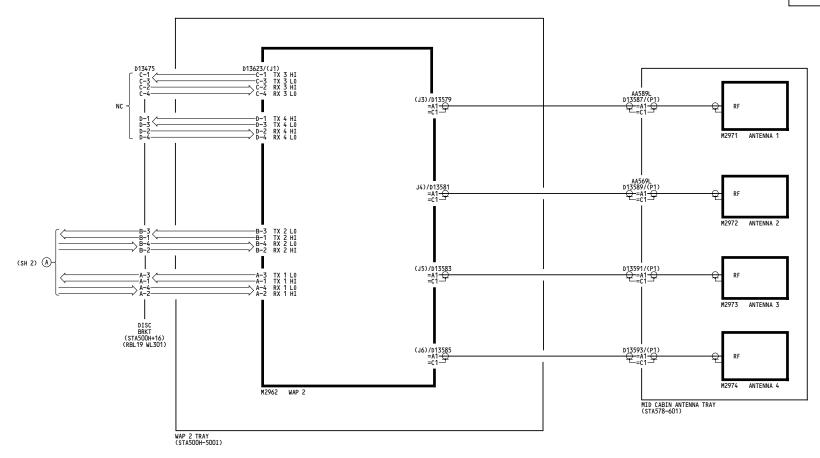
YT106-YT120	CABIN WIRELESS Data
	D280A451

44-35-22

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WIRING DIAGRAMS



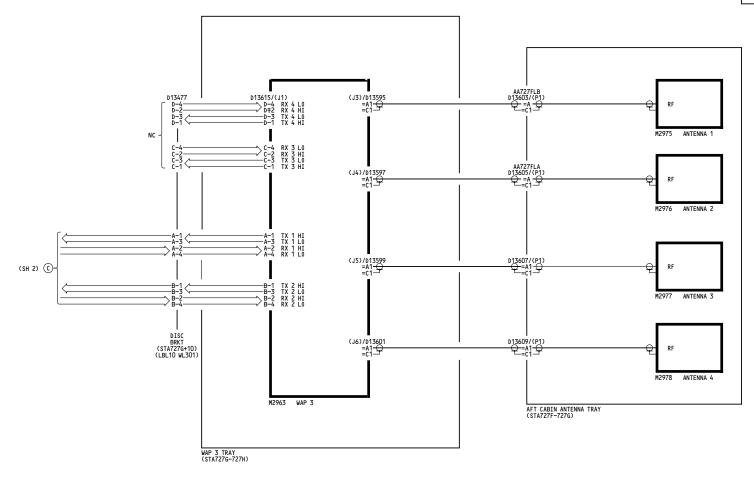
YT106-YT120	CABIN WIRELESS Data
	D280A451

44-35-22

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WIRING DIAGRAMS
44-35-22



YT106-YT120	CABIN WIRELESS DATA
	D280A451

44-35-22

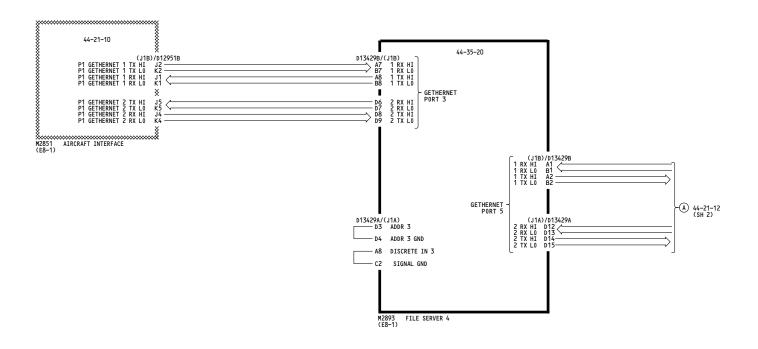
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# 737-800 SYSTEM SCHEMATIC MANUAL

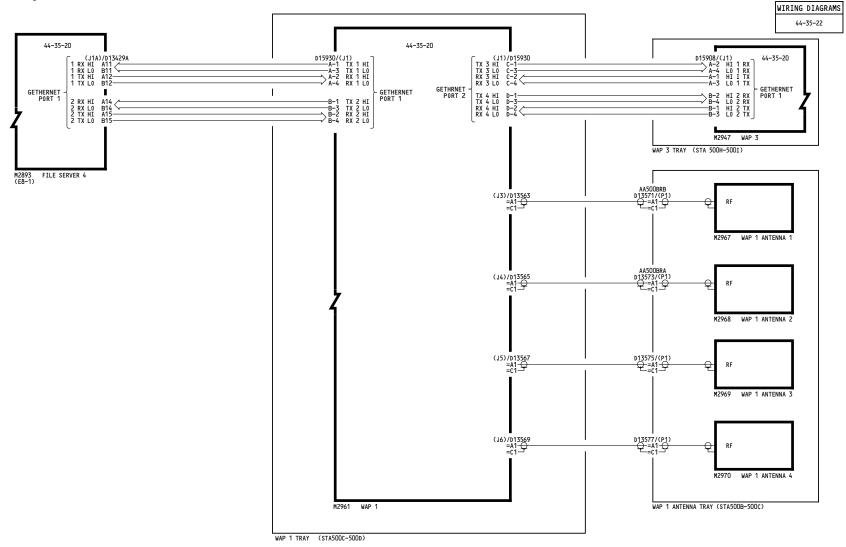
WIRING DIAGRAMS



YT126-YT133	CABIN WIRELESS Data
	D280A451

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YT126-YT133	CABIN WIRELESS Data
	D280A451

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#### **DEING** 737-800 SYSTEM SCHEMATIC MANUAL -G┌ WIRING DIAGRAMS 44-35-22 44-35-20 44-35-20 44-35-20 (J1B)/D13429B 1 RX HI C11 1 RX L0 D11 1 TX HI C12 1 TX L0 D12 (J1)/D15910 TX 3 HI C-1 TX 3 L0 C-3 RX 3 HI C-2 RX 3 L0 C-4 D15932/(J1) A-2 RX 1 HI A-4 RX 1 L0 A-1 TX 1 HI A-3 TX 1 L0 - GETHERNET GETHERNET PORT 1 PORT 2 GETHERNET PORT 1 GETHERNET PORT 2 B-2 RX 2 HI B-4 RX 2 L0 -B-1 TX 2 HI -B-3 TX 2 L0 TX 4 HI D-1— TX 4 L0 D-3— RX 4 HI D-2 RX 4 L0 D-4 2 RX HI C14 2 RX L0 D14 2 TX HI C15 2 TX L0 D15 M3073 WAP 4 M2893 (E8-1) FILE SERVER 4 WAP 4 TRAY (STA727G-727H) (J3)/D16026 =A1-=C1-M2992 WAP 2 ANTENNA 1 J4)/D16028 =A1 =C1 M2993 WAP 2 ANTENNA 2 (J5)/D16030 =A1 =C1 D16062/(P1) =A1 =C1 M2994 WAP 2 ANTENNA 3 (J6)/D16032 =A1-=C1-D16064/(P1) = A1 = C1 WAP 2 ANTENNA 4 M2995

YT126-YT133

CABIN WIRELESS
DATA

D280A451

WAP 2 TRAY (STA727E-727F)

M2948 WAP 2

44-35-22

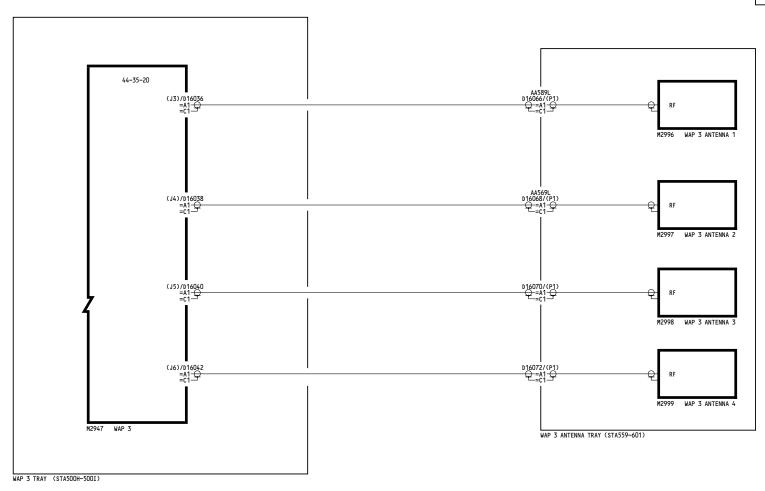
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WAP 2 ANTENNA TRAY (STA727F-727G)

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WIRING DIAGRAMS
44-35-22



YT126-YT133	CABIN WIRELESS DATA
	D280A451

44-35-22

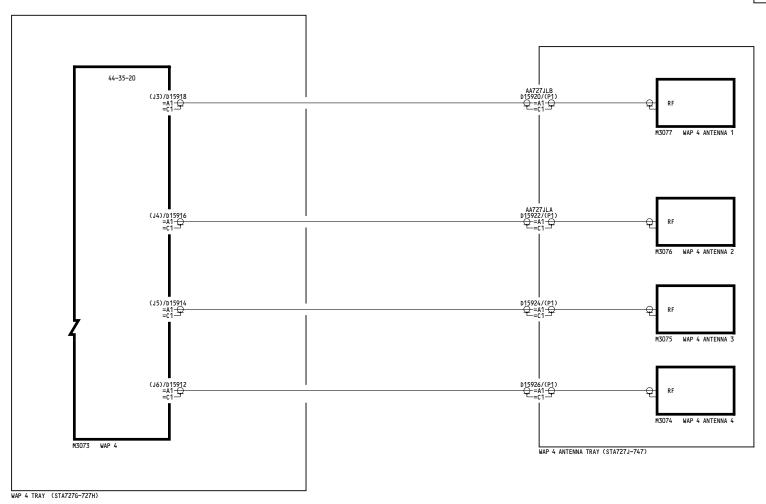
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# 737-800 SYSTEM SCHEMATIC MANUAL

WIRING DIAGRAMS
44-35-22



YT126-YT133	CABIN WIRELESS Data
	D280A451

44-35-22

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