

CHAPTER

46

INFORMATION

SYSTEMS



737-800

WIRING DIAGRAM MANUAL

CHAPTER 46 INFORMATION SYSTEMS

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
46-EFFECTIVE PAGES									
		1		Jun 21/2016					
		2		BLANK					
46-CONTENTS									
R		1		Jun 21/2016					
		2		BLANK					
46-ALPHABETICAL INDEX									
		1		Nov 18/2013					
		2		BLANK					
46-13-11									
		1	1	Feb 14/2014					
			2	Nov 18/2013					
			3	Nov 18/2013					
		2	1	Apr 17/2014					
			2	Apr 17/2014					
			3	Apr 17/2014					
		3	1	Mar 14/2016					
			2	Mar 14/2016					
			3	Mar 14/2016					
R		4	1	Jun 21/2016					
R			2	Jun 21/2016					
R			3	Jun 21/2016					
46-15-11									
		1	1	Aug 15/2013					
			2	Aug 15/2013					
			3	Aug 15/2013					
		2	1	Mar 14/2016					
			2	Mar 14/2016					
			3	Mar 14/2016					

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

46-EFFECTIVE PAGES

Page 1
Jun 21/2016

D280A351



737-800

WIRING DIAGRAM MANUAL

CHAPTER 46 INFORMATION SYSTEMS

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
<u>NETWORK FILE SERVER</u>						
NETWORK FILE SERVER	46-13-11	1	1	Feb 14/2014	YT104	
				Nov 18/2013	YT104	
				Nov 18/2013	YT104	
		2	1	Apr 17/2014	YT105	
				Apr 17/2014	YT105	
				Apr 17/2014	YT105	
		3	1	Mar 14/2016	YT106-YT120	
				Mar 14/2016	YT106-YT120	
				Mar 14/2016	YT106-YT120	
		4	1	Jun 21/2016	YT126-YT133	
				Jun 21/2016	YT126-YT133	
				Jun 21/2016	YT126-YT133	
<u>ELECTRONIC FLIGHT BAG CLASS II</u>						
ELECTRONIC FLIGHT BAG CLASS II	46-15-11	1	1	Aug 15/2013	YT101-YT103	
				Aug 15/2013	YT101-YT103	
				Aug 15/2013	YT101-YT103	
		2	1	Mar 14/2016	YT104-YT120	
				Mar 14/2016	YT104-YT120	
				Mar 14/2016	YT104-YT120	

46-CONTENTS

Page 1
Jun 21/2016

D280A351



737-800

WIRING DIAGRAM MANUAL

CHAPTER 46 INFORMATION SYSTEMS

CH-SC-SU	Title
46-15-11	ELECTRONIC FLIGHT BAG CLASS II
46-13-11	NETWORK FILE SERVER

46-ALPHABETICAL INDEX

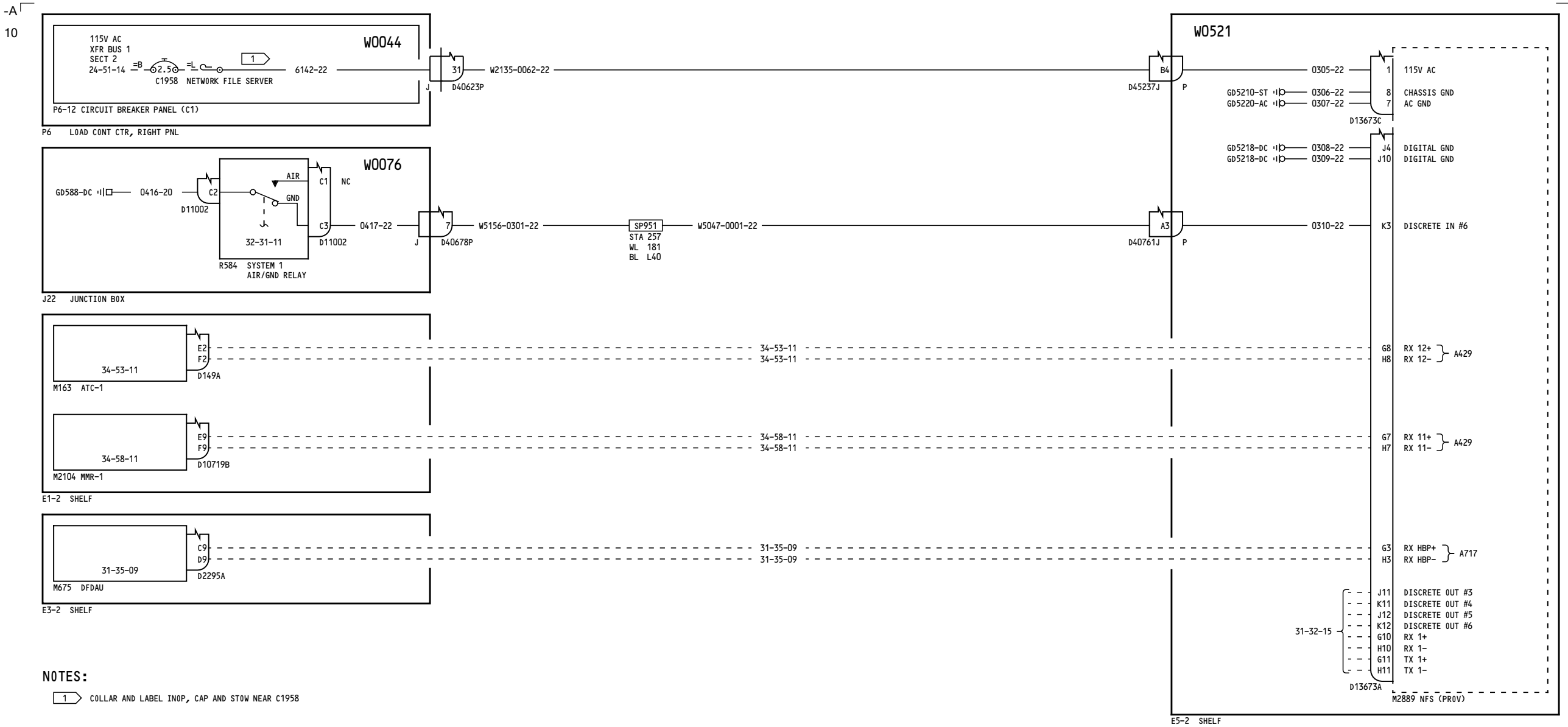
D280A351

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details

Page 1
Nov 18/2013



737-800 WIRING DIAGRAM MANUAL



YT104

NETWORK FILE SERVER

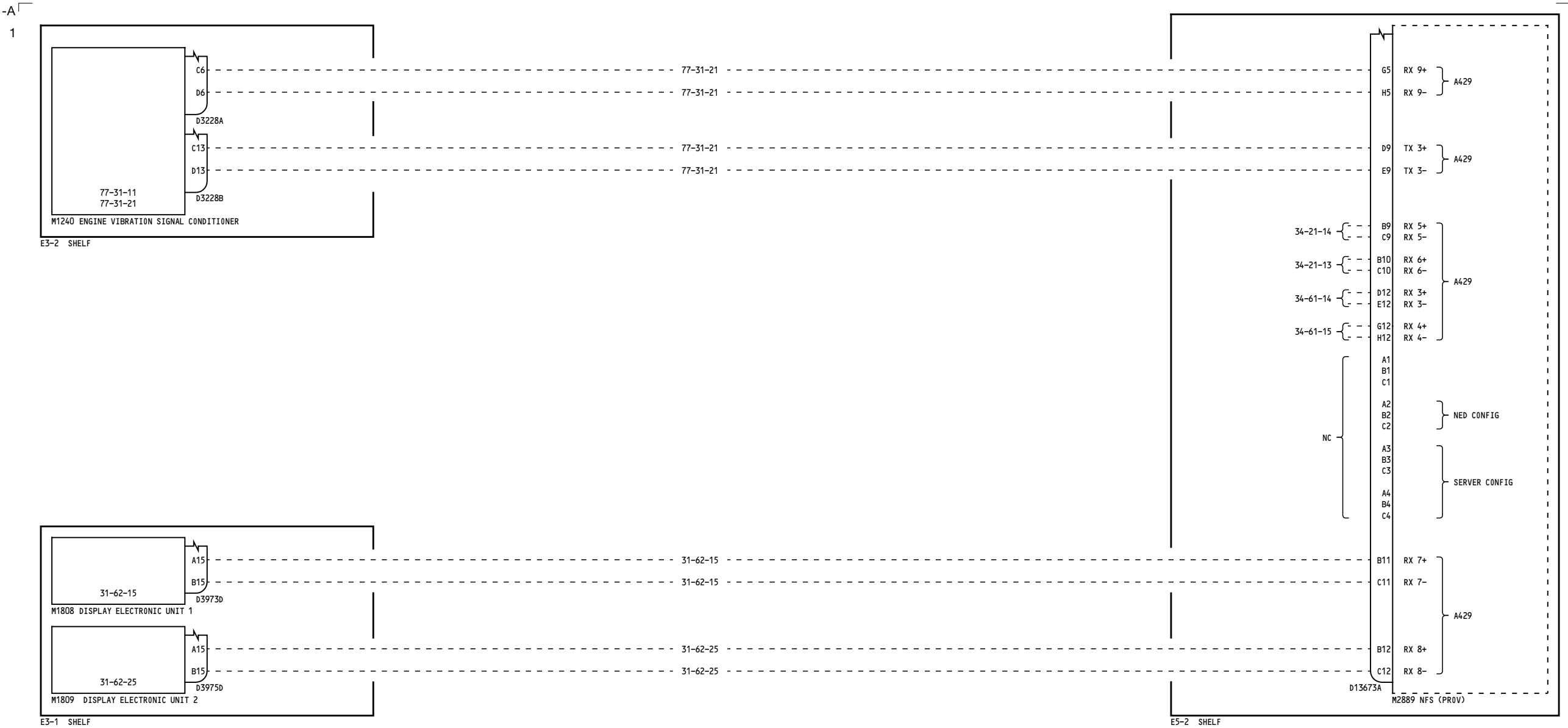
D280A351

46-13-11

Page 1
Sheet 1
Feb 14/2014

46-13-11

Page 1
Sheet 1
Feb 14/2014



YT104

NETWORK FILE SERVER

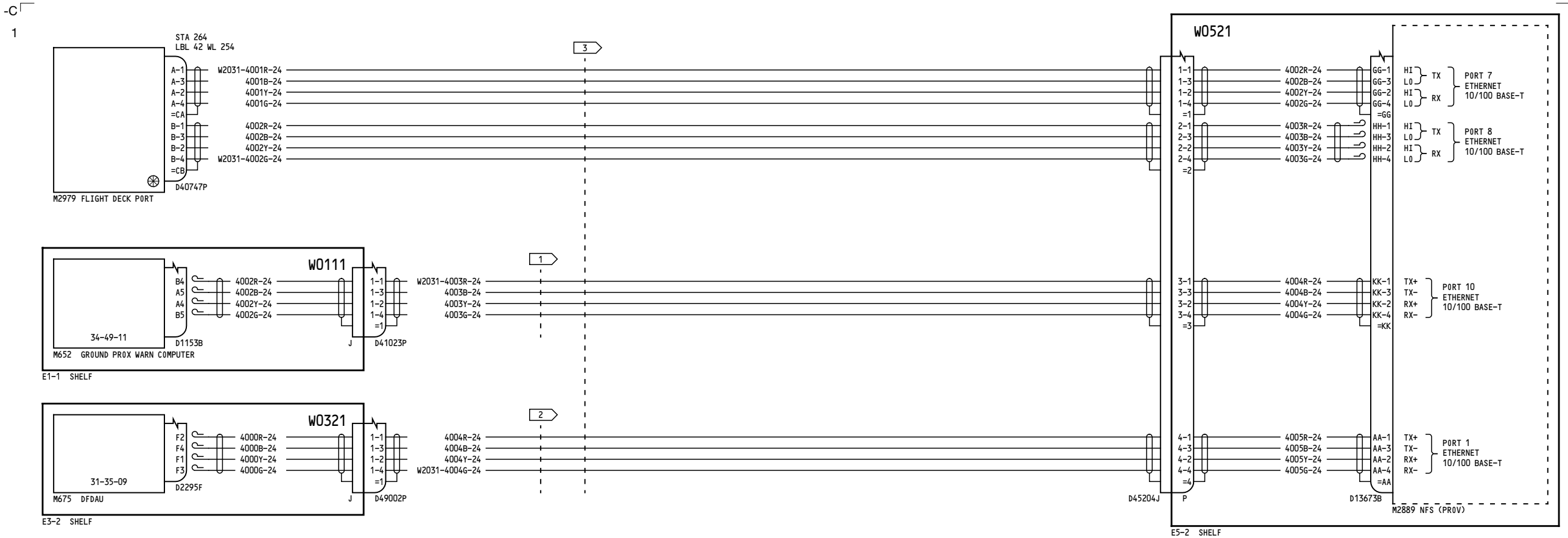
D280A351

46-13-11

Page 1
Sheet 2
Nov 18/2013

46-13-11

Page 1
Sheet 2
Nov 18/2013



YT104

NETWORK FILE SERVER

D280A351

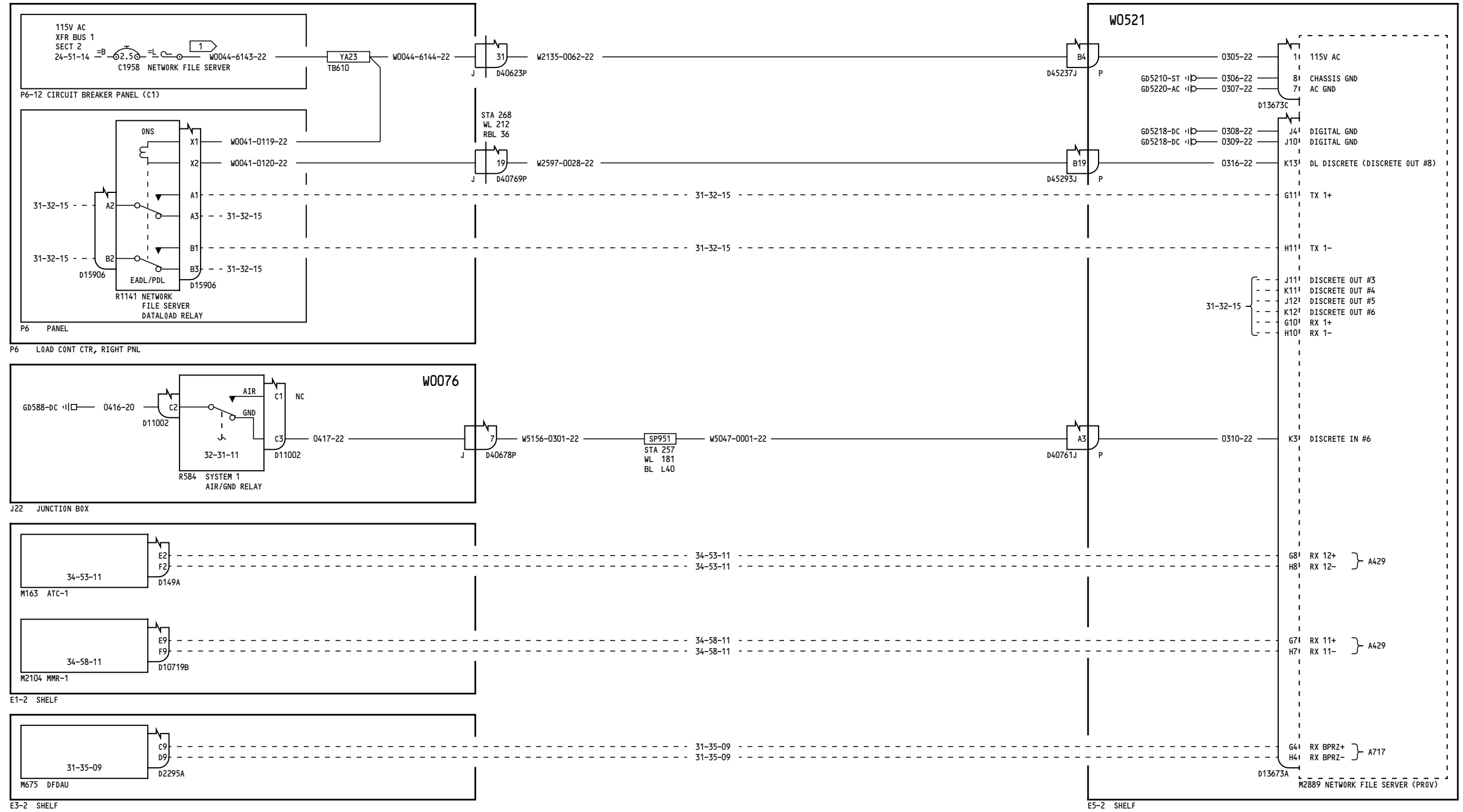
46-13-11

Page 1
Sheet 3
Nov 18/2013

46-13-11

Page 1
Sheet 3
Nov 18/2013

8



NOTES:

1 COLLAR AND LABEL INOP

YT105

NETWORK FILE SERVER

46-13-11

Page 2
Sheet 1
Apr 17/2014

D280A351

46-13-11

Page 2
Sheet 1
Apr 17/2014



1



NETWORK FILE SERVER

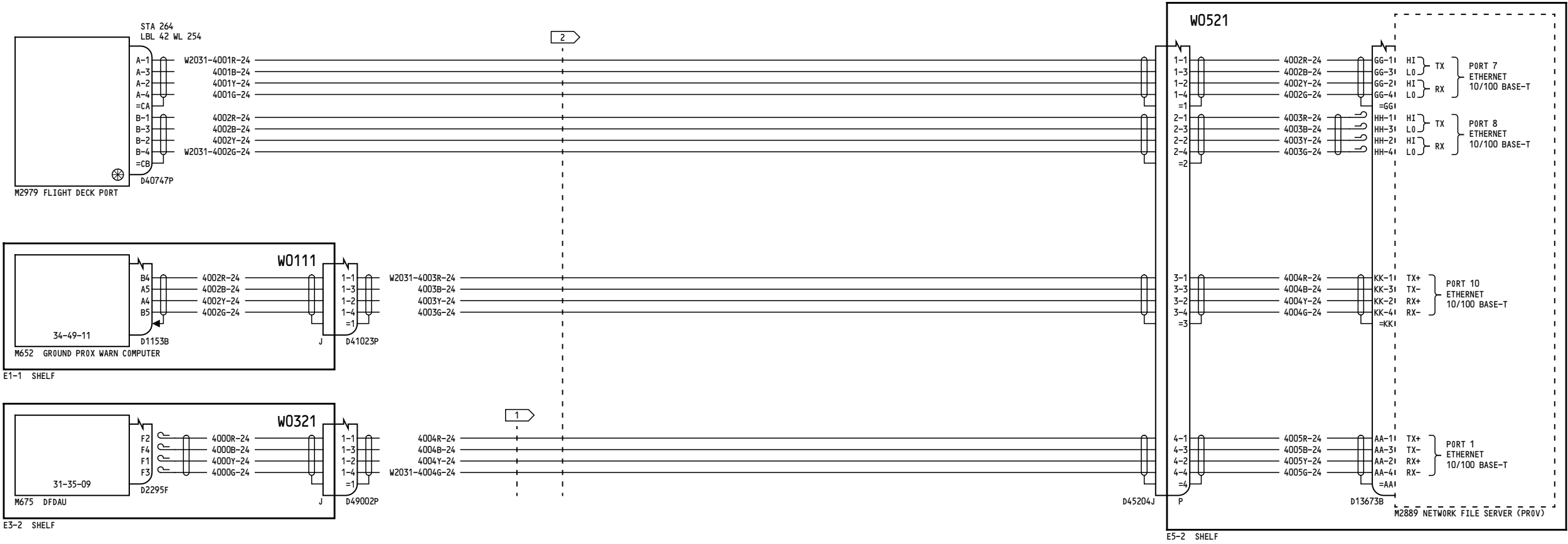
D280A351

46-13-11

Page 2
Sheet 2
Apr 17/2014

46-13-11

Page 2
Sheet 2
Apr 17/2014



NOTES:

- 1 CAP AND STOW NEAR D2295F
- 2 USE BMS 13-72T03C04G024

YT105

NETWORK FILE SERVER

D280A351

46-13-11

Page 2
Sheet 3
Apr 17/2014

46-13-11

Page 2
Sheet 3
Apr 17/2014



BOEING PROPRIETARY - Copyright © - Unpublished Work - See title page for details.



YT106-YT120

NETWORK FILE SERVER

D280A351

46-13-11

Page 3
Sheet 2
Mar 14/2016

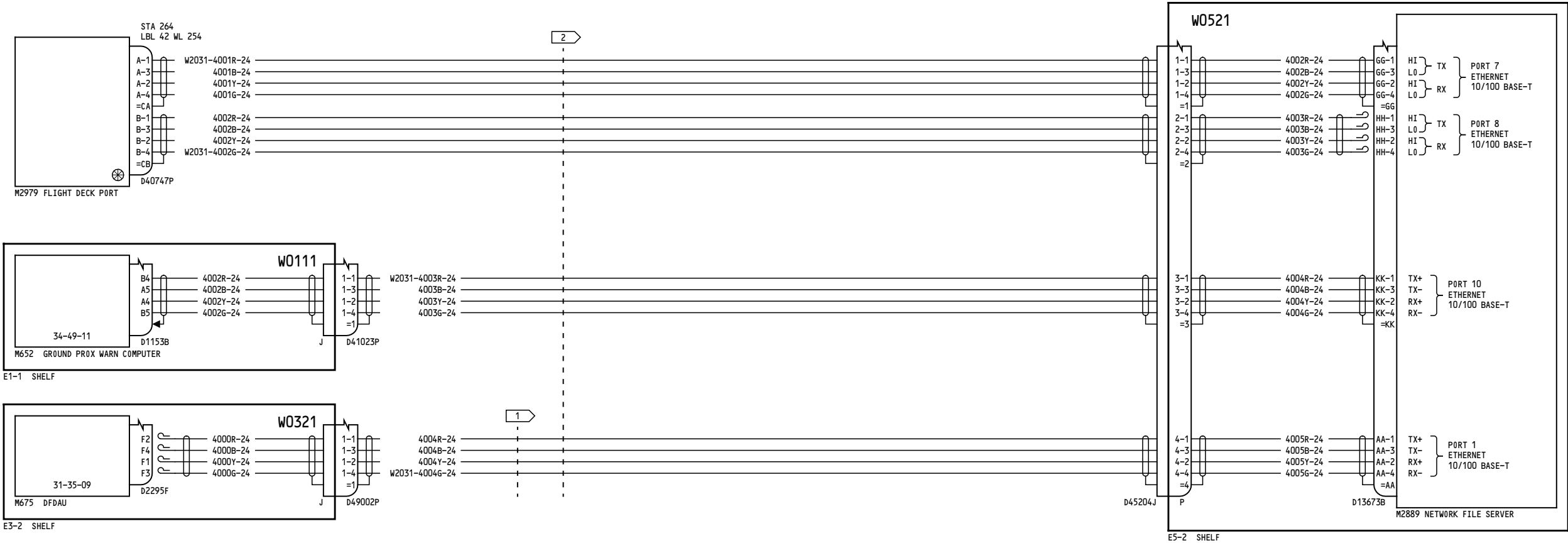
46-13-11

Page 3
Sheet 2
Mar 14/2016



737-800 WIRING DIAGRAM MANUAL

-A
2



NOTES:

- 1 CAP AND STOW NEAR D2295F
- 2 USE BMS 13-72T03C04G024

YT106-YT120

NETWORK FILE SERVER

D280A351

46-13-11

Page 3
Sheet 3
Mar 14/2016

46-13-11

Page 3
Sheet 3
Mar 14/2016



The diagram illustrates the electrical wiring for a control system, organized into several functional sections:

- Top Section (P6-12):** Features a circuit breaker panel (C1) and a network file server dataload relay (R1141). It shows connections for 115V AC, XFR BUS 1, and various control lines (e.g., W0041-6144-22, W2135-0062-22).
- Left Section (P6):** A load control center (LOAD CONT CTR, RIGHT PNL) containing a network file server dataload relay (R1141) and a junction box (J22).
- Bottom Section (E1-2, E3-2, E5-2):** Shows various control panels (M163 ATC-1, M2104 MMR-1, M675 DFD4U) and their connections to the main system.
- Right Section (W0521):** A network file server (PROV) with multiple input and output lines, including 115V AC, chassis ground, and digital ground connections.

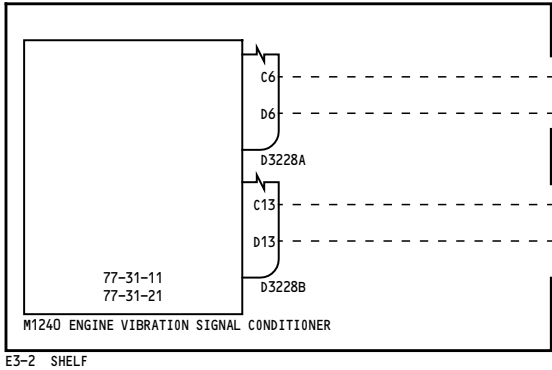
The diagram uses standard electrical symbols for components like relays, switches, and terminal blocks, and includes detailed wiring paths and component labels throughout.

1 COLLAR AND LABEL INOP, CAP AND STOW NEAR C1958

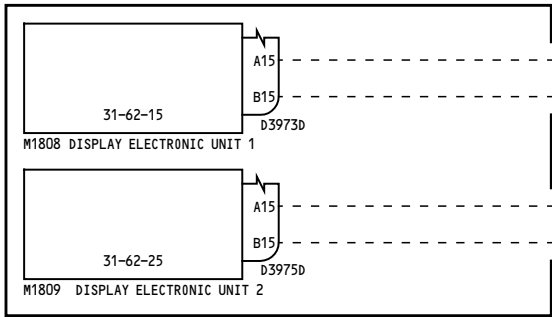
BOEING PROPRIETARY - Copyright © - Unpublished Work - See title page for details.



4



E3-2 SHELF



E3-1 SHELF

77-31-21

77-31-21

77-31-21

77-31-21

31-62-15

31-62-15

31-62-25

31-62-25

G5 RX 9+ } A429
H5 RX 9- }

D9 TX 3+ } A429
E9 TX 3- }

34-21-14 { B9 RX 5+
C9 RX 5- }
34-21-13 { B10 RX 6+
C10 RX 6- }
34-61-14 { D12 RX 3+
E12 RX 3- }
34-61-15 { G12 RX 4+
H12 RX 4- }

NC { A1
B1
C1
A2
B2
C2 } NED CONFIG
A3
B3
C3 } SERVER CONFIG
A4
B4
C4 }

B11 RX 7+ } A429
C11 RX 7- }
B12 RX 8+
C12 RX 8- }

D13673A
M2889 NETWORK FILE SERVER (PROV)

E5-2 SHELF

YT126-YT133

NETWORK FILE SERVER

D280A351

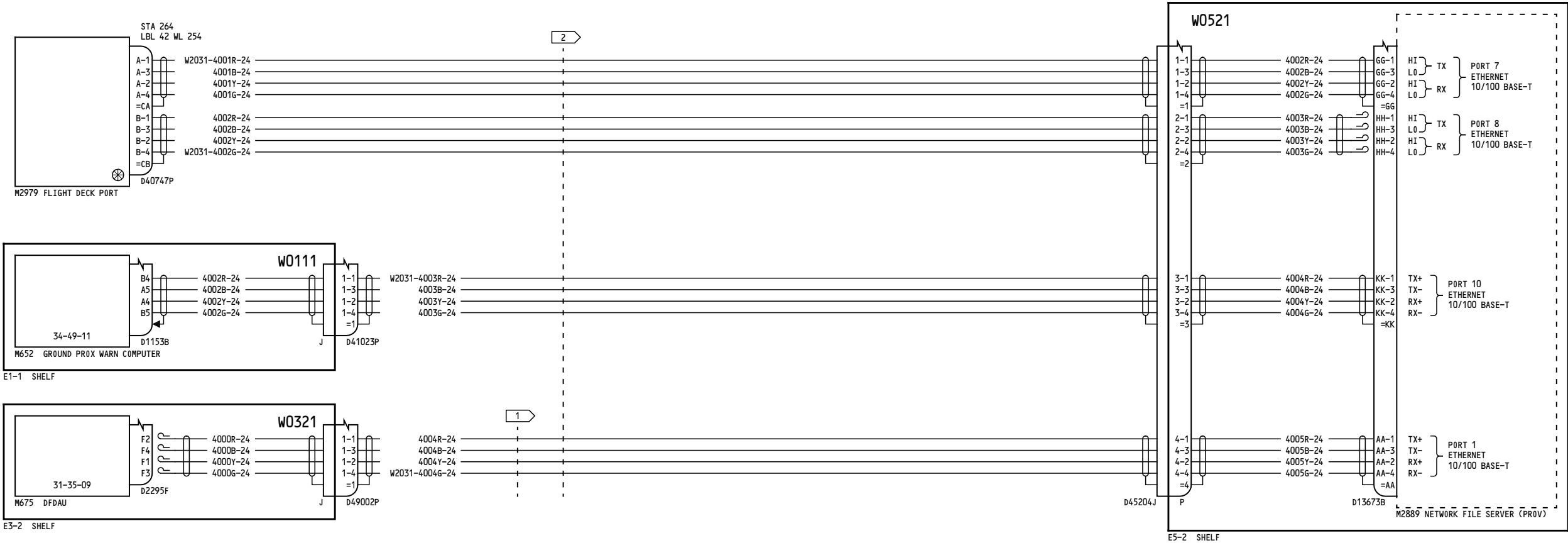
46-13-11

Page 4
Sheet 2
Jun 21/2016

46-13-11

Page 4
Sheet 2
Jun 21/2016

5



NOTES:

- 1 CAP AND STOW NEAR D2295F
- 2 USE BMS 13-72T03C04G024

YT126-YT133

NETWORK FILE SERVER

D280A351

46-13-11

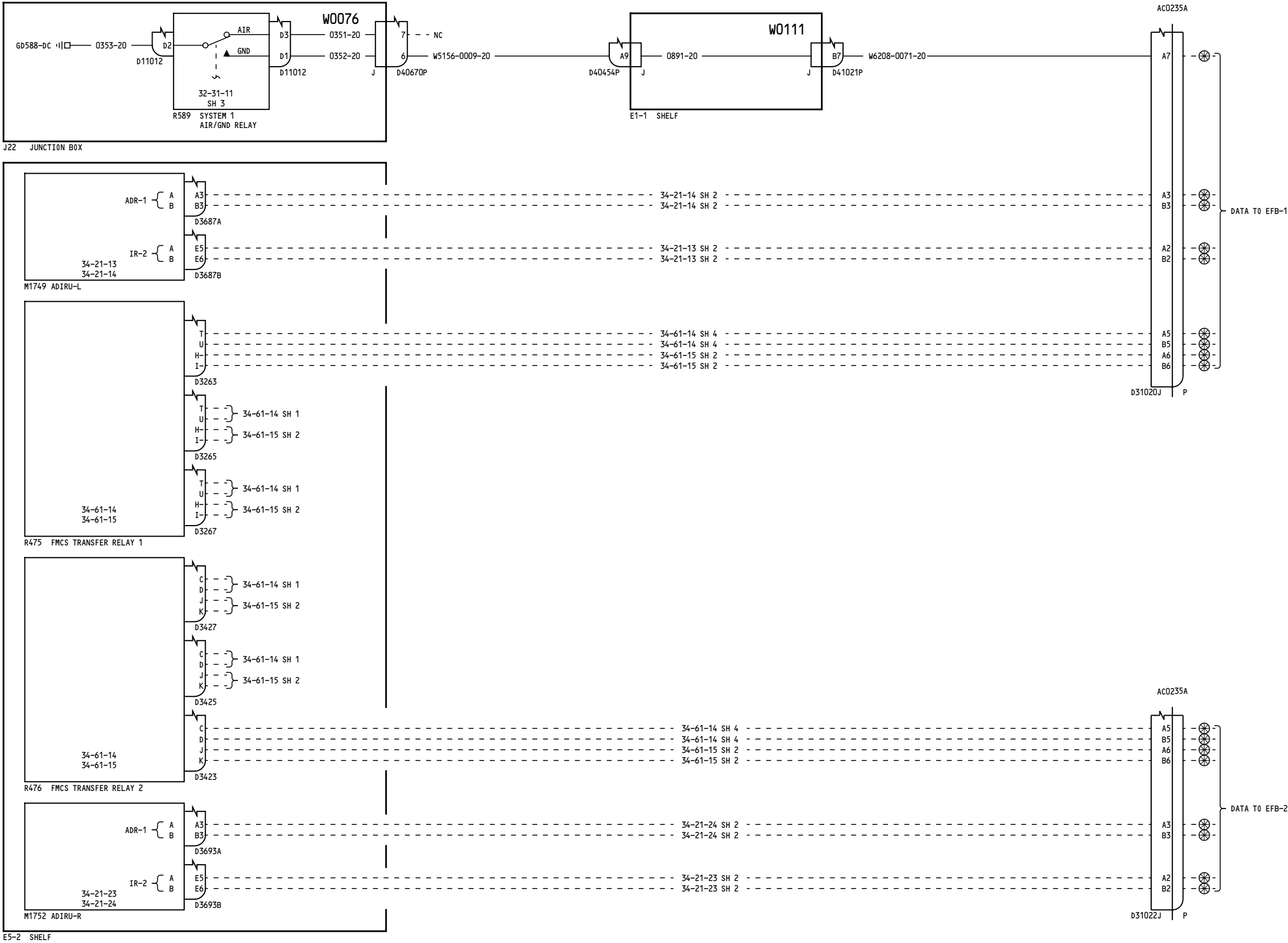
Page 4
Sheet 3
Jun 21/2016

46-13-11

Page 4
Sheet 3
Jun 21/2016



4



YT101-YT103

ELECTRONIC FLIGHT BAG
CLASS II

D280A351

46-15-11

Page 1
Sheet 1
Aug 15/2013

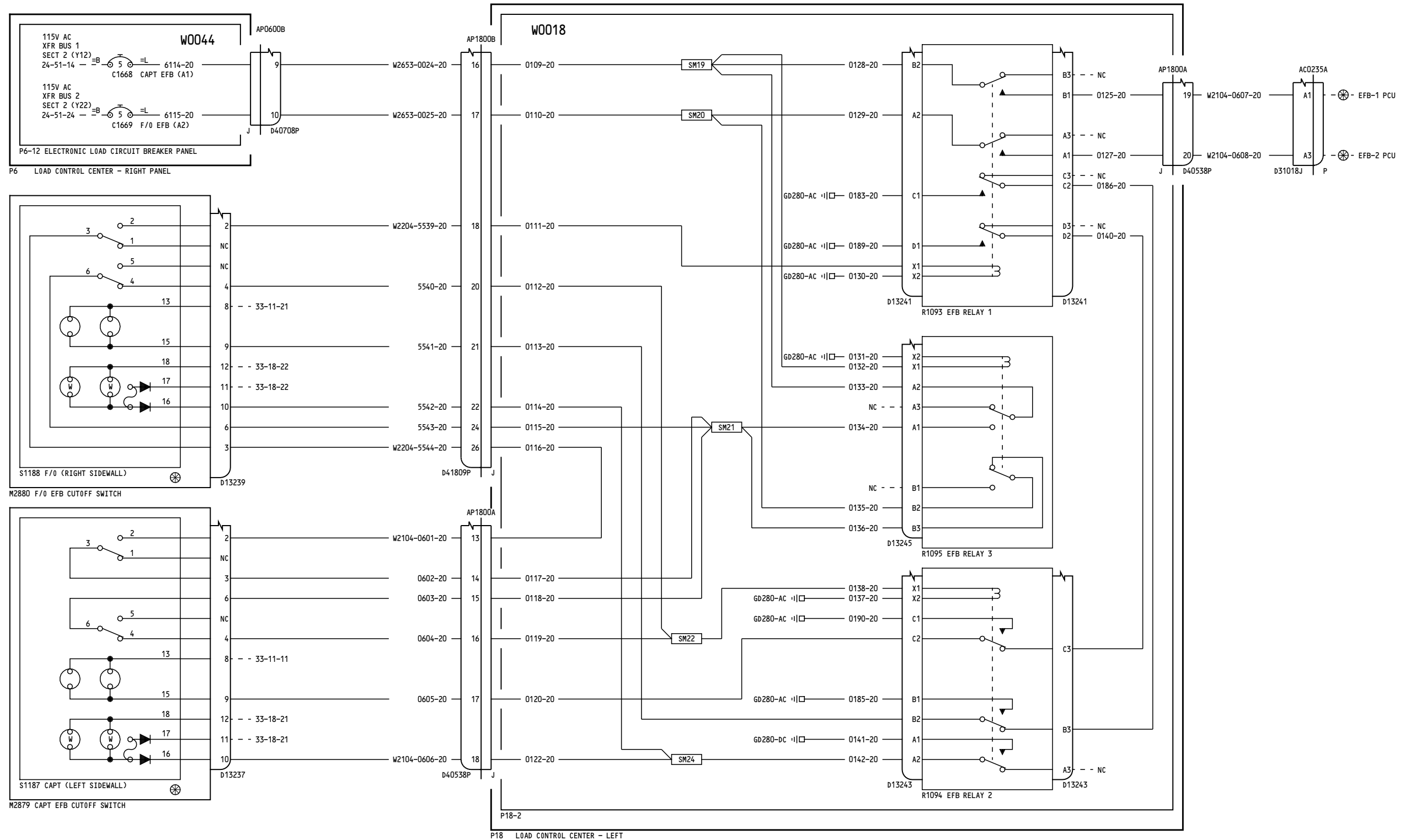
46-15-11

Page 1
Sheet 1
Aug 15/2013



Page 1
Sheet 2
Aug 15/2013

BOEING PROPRIETARY - Copyright © - Unpublished Work - See title page for details.





The diagram illustrates the electrical wiring for the E5-2 SHELF. It shows the following components and their connections:

- W0076**: A component with terminals D2, D3, D1, and D11012. It is connected to a junction box (J22) and a shelf (E1-1).
- W0111**: A component with terminals A9, J, and B7. It is connected to a shelf (E1-1) and a junction box (J22).
- R589**: A SYSTEM 1 AIR/GND RELAY with terminals D2, D3, D1, and D11012. It is connected to a junction box (J22) and a shelf (E1-1).
- M1749 ADIRU-L**: A component with terminals A3, B3, E5, and E6. It is connected to a junction box (J22) and a shelf (E1-1).
- R475 FMCS TRANSFER RELAY 1**: A component with terminals T, U, H, and I. It is connected to a junction box (J22) and a shelf (E1-1).
- R476 FMCS TRANSFER RELAY 2**: A component with terminals C, D, J, and K. It is connected to a junction box (J22) and a shelf (E1-1).
- M1752 ADIRU-R**: A component with terminals A3, B3, E5, and E6. It is connected to a junction box (J22) and a shelf (E1-1).

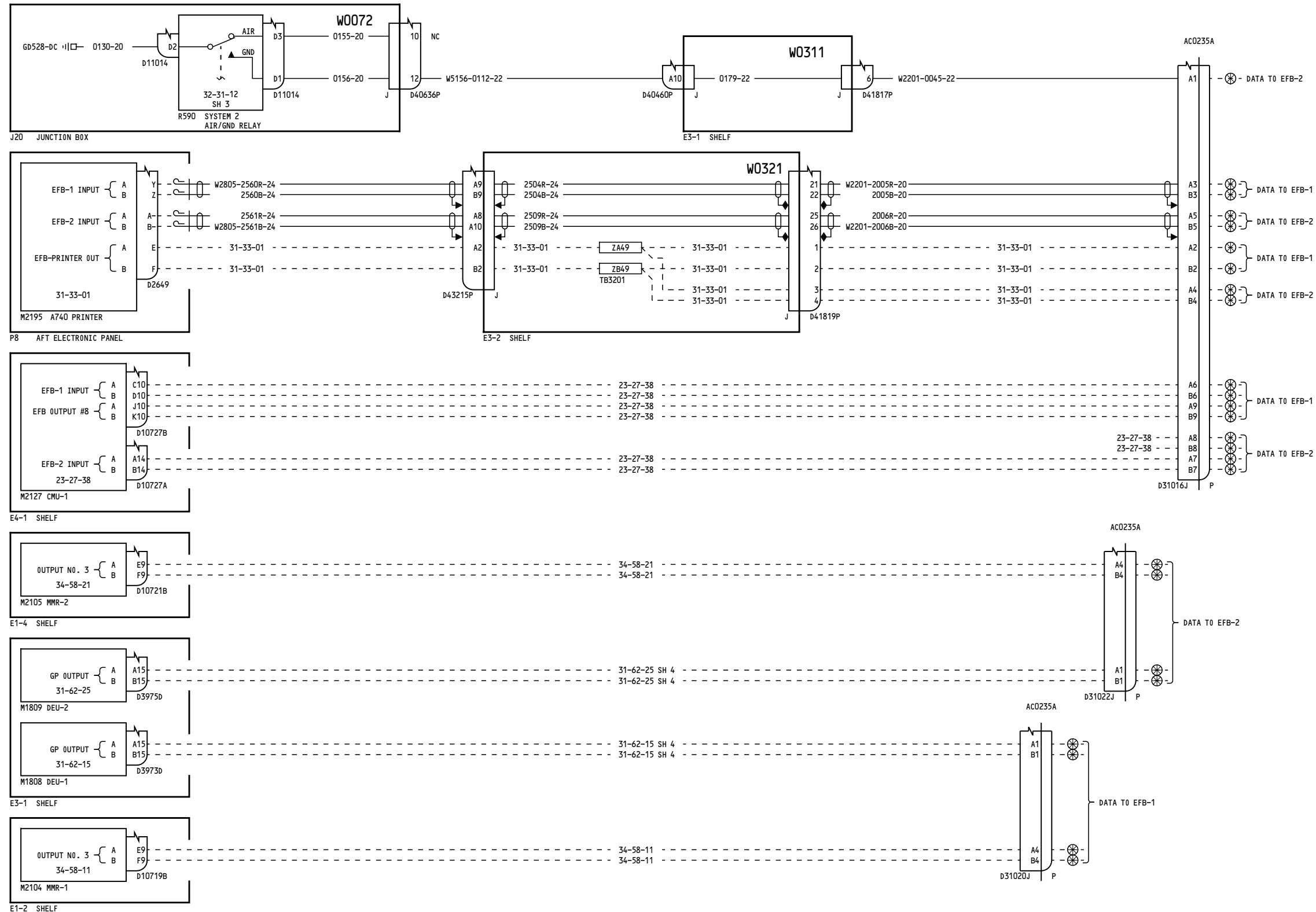
The diagram also shows connections to AC0235A and DATA TO EFB-1 and EFB-2. The connections are as follows:

- AC0235A**: Connected to terminals A7, A3, B3, A2, B2, A5, B5, A6, and B6.
- DATA TO EFB-1**: Connected to terminals A3, B3, A2, B2, A5, B5, A6, and B6.
- DATA TO EFB-2**: Connected to terminals A3, B3, A2, B2, A5, B5, A6, and B6.

Page 2
Sheet 1
Mar 14/2016

BOEING PROPRIETARY - Copyright © - Unpublished Work - See title page for details.

5



YT104-YT120

**ELECTRONIC FLIGHT BAG
CLASS II**

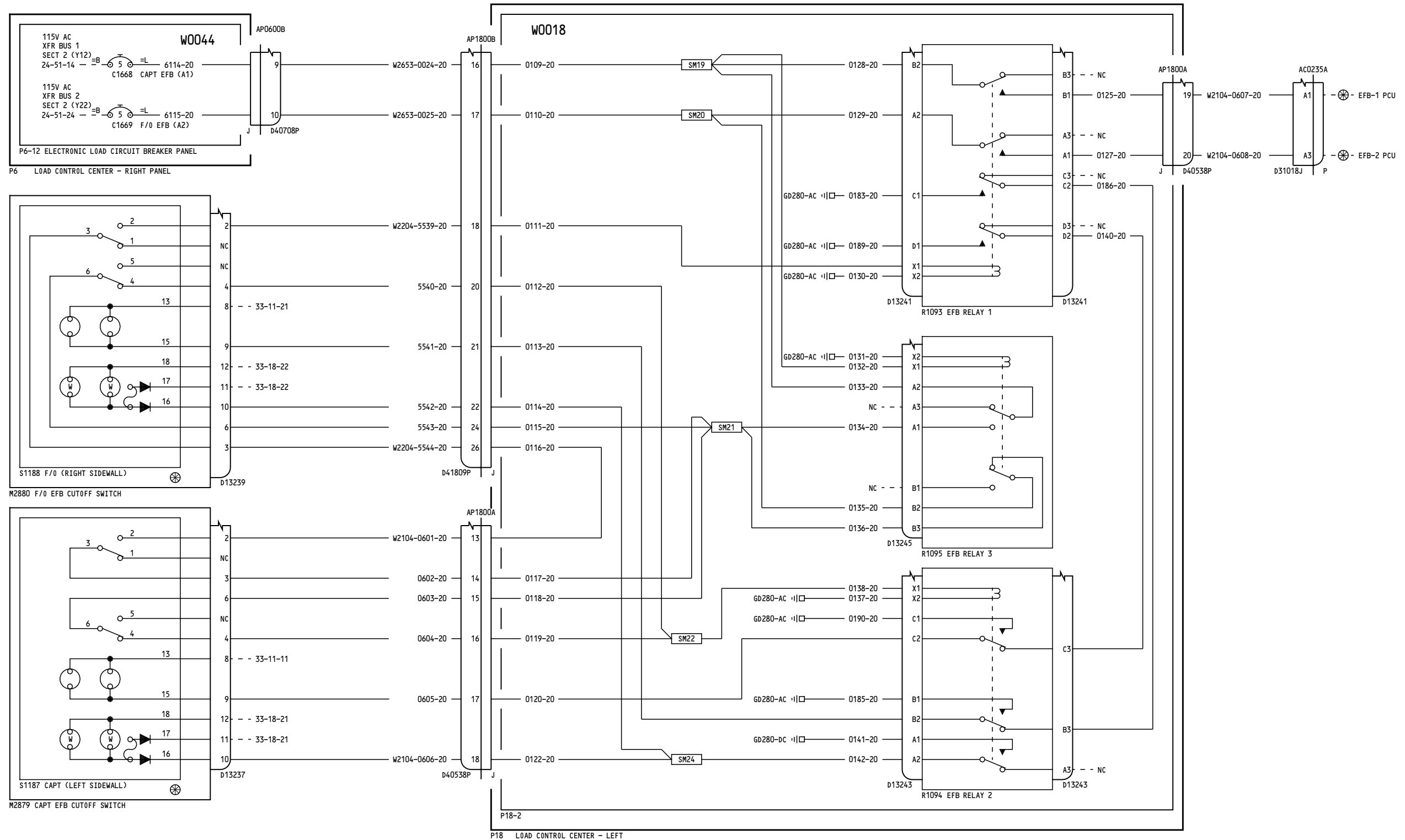
D280A351

46-15-11

Page 2
Sheet 2
Mar 14/2016

46-15-11

Page 2
Sheet 2
Mar 14/2016



YT104-YT120

**ELECTRONIC FLIGHT BAG
CLASS II**

D280A351

46-15-11

Page 2
Sheet 3
Mar 14/2016

46-15-11

Page 2
Sheet 3
Mar 14/2016