

**CHAPTER**

**49**

**AIRBORNE AUXILIARY POWER**

CHAPTER 49  
AIRBORNE AUXILIARY POWER

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
49-EFFECTIVE PAGES					49-52-01				
		1 thru 2		Jun 21/2016	R		101		Jun 21/2016
49-CONTENTS					49-52-31		101		Oct 14/2015
R		1		Jun 21/2016			102		Jun 21/2016
R		2		Jun 21/2016	R				
49-ALPHABETICAL INDEX					49-61-01		101		Jun 21/2016
		1		Aug 15/2013	R				
		2		BLANK	49-62-01		101		Jun 21/2016
49-00-00					R				
R		101		Jun 21/2016	49-62-11		101		Jun 21/2016
49-31-00					R				
R		101		Jun 21/2016	49-62-12		101		Jun 21/2016
49-31-31					R				
R		101		Jun 21/2016	49-62-51		101		Jun 21/2016
49-41-00					R				
R		101		Jun 21/2016	49-71-01		101		Jun 21/2016
49-41-01					R				
R		101		Jun 21/2016	49-71-21		101		Jun 21/2016
49-41-02					R				
R		101	1	Jun 21/2016	49-94-00		101		Jun 21/2016
R			2	Jun 21/2016	R				
R			3	Jun 21/2016	49-94-01		101		Jun 21/2016
49-41-11					R				
R		101		Jun 21/2016					

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

## 49-EFFECTIVE PAGES

Page 1  
Jun 21/2016

D280A451

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**CHAPTER 49**  
**AIRBORNE AUXILIARY POWER**

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
49-94-21									
R		101		Jun 21/2016					

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

**49-EFFECTIVE PAGES**

D280A451

Page 2  
Jun 21/2016

**CHAPTER 49**  
**AIRBORNE AUXILIARY POWER**

	Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
	<b><u>AIRBORNE AUXILIARY POWER</u></b>						
I	APU GENERAL ARRANGEMENT	49-00-00		101		Jun 21/2016	ALL
	<b><u>APU FUEL SYSTEM</u></b>						
I	APU FUEL DISTRIBUTION	49-31-00		101		Jun 21/2016	ALL
I	APU FUEL BOOST PUMP CONTROL	49-31-31		101		Jun 21/2016	ALL
	<b><u>APU IGNITION AND START SYSTEM</u></b>						
I	APU START SYSTEM	49-41-00		101		Jun 21/2016	ALL
I	APU START SYSTEM	49-41-01		101		Jun 21/2016	ALL
I	APU SCU/SPU START SYSTEM LOGIC	49-41-02		101	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL
I					3	Jun 21/2016	ALL
I	APU IGNITION AND STARTING SYSTEM	49-41-11		101		Jun 21/2016	ALL
	<b><u>APU BLEED AIR SYSTEM</u></b>						
I	APU ECU BLEED AIR AND SURGE CONTROL LOGIC	49-52-01		101		Jun 21/2016	ALL
	APU BLEED AIR AND SURGE CONTROL SYSTEM	49-52-31		101		Oct 14/2015	YT101-YT115 YT126-YT131
I				102		Jun 21/2016	YT116-YT120 YT132-YT133
	<b><u>APU CONTROLS</u></b>						
I	APU CONTROL	49-61-01		101		Jun 21/2016	ALL
	<b><u>APU CONTROL SYSTEM</u></b>						
I	APU CONTROL SYSTEM	49-62-01		101		Jun 21/2016	ALL
I	APU CONTROL- AIRPLANE INTERFACE	49-62-11		101		Jun 21/2016	ALL
I	APU CONTROL- APU INTERFACE	49-62-12		101		Jun 21/2016	ALL
I	ECU PINOUT	49-62-51		101		Jun 21/2016	ALL

**CHAPTER 49  
AIRBORNE AUXILIARY POWER**

	Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
	<b><u>EGT INDICATING SYSTEM</u></b>						
I	APU EGT INDICATION	49-71-01		101		Jun 21/2016	ALL
I	APU EGT SYSTEM	49-71-21		101		Jun 21/2016	ALL
	<b><u>APU OIL INDICATING SYSTEM</u></b>						
I	APU OIL DISTRIBUTION	49-94-00		101		Jun 21/2016	ALL
I	APU OIL INDICATION	49-94-01		101		Jun 21/2016	ALL
I	APU OIL SYSTEM	49-94-21		101		Jun 21/2016	ALL

## CHAPTER 49

### AIRBORNE AUXILIARY POWER

CH-SC-SU	Title
49-52-31	APU BLEED AIR AND SURGE CONTROL SYSTEM
49-61-01	APU CONTROL
49-62-01	APU CONTROL SYSTEM
49-62-11	APU CONTROL- AIRPLANE INTERFACE
49-62-12	APU CONTROL- APU INTERFACE
49-52-01	APU ECU BLEED AIR AND SURGE CONTROL LOGIC
49-71-01	APU EGT INDICATION
49-71-21	APU EGT SYSTEM
49-31-31	APU FUEL BOOST PUMP CONTROL
49-31-00	APU FUEL DISTRIBUTION
49-00-00	APU GENERAL ARRANGEMENT
49-41-11	APU IGNITION AND STARTING SYSTEM
49-94-00	APU OIL DISTRIBUTION
49-94-01	APU OIL INDICATION
49-94-21	APU OIL SYSTEM
49-41-02	APU SCU/SPU START SYSTEM LOGIC
49-41-00	APU START SYSTEM
49-41-01	APU START SYSTEM
49-62-51	ECU PINOUT

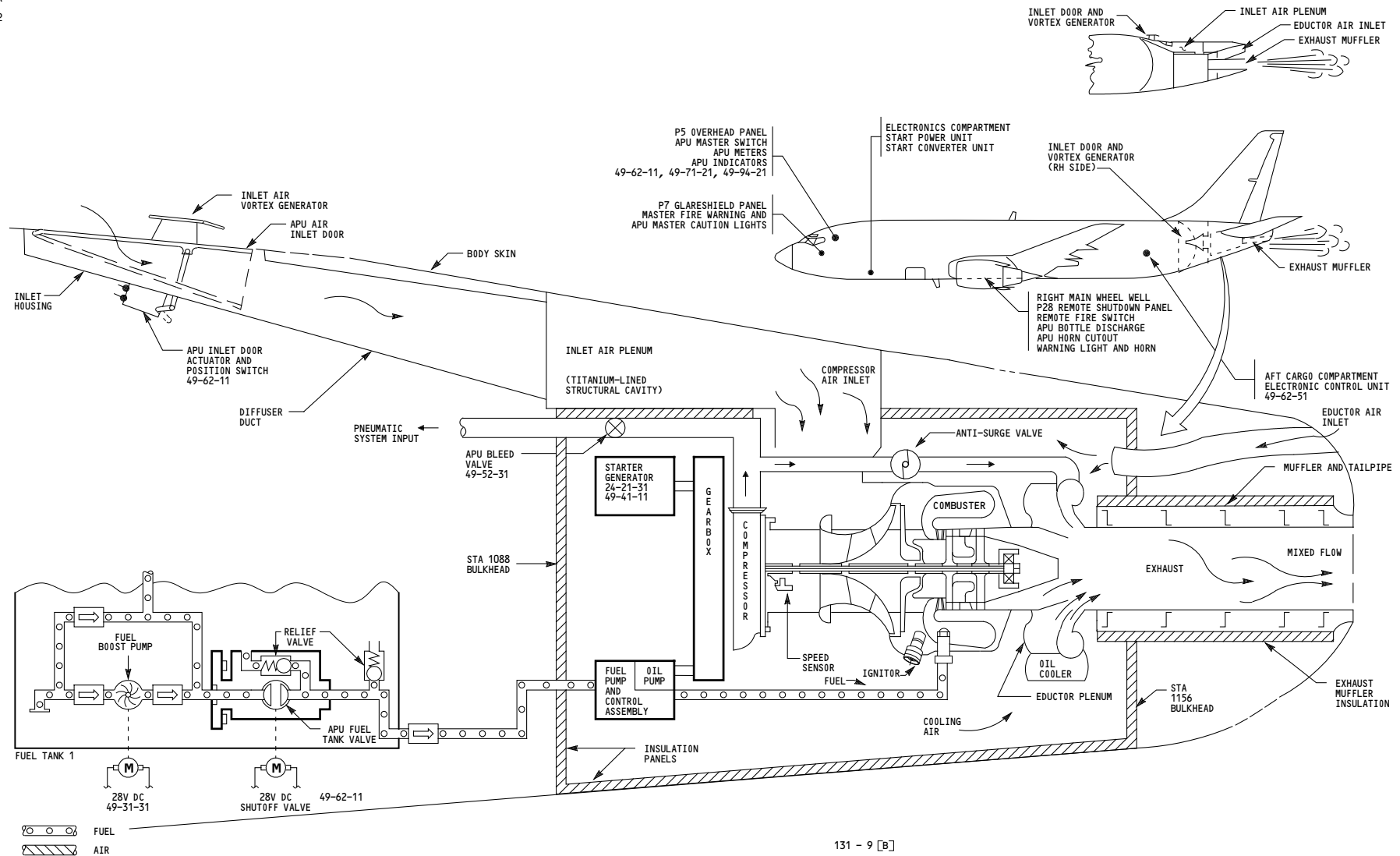
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## 49-ALPHABETICAL INDEX

Page 1  
Aug 15/2013

D280A451

-A  
2



131 - 9 [B]

ALL

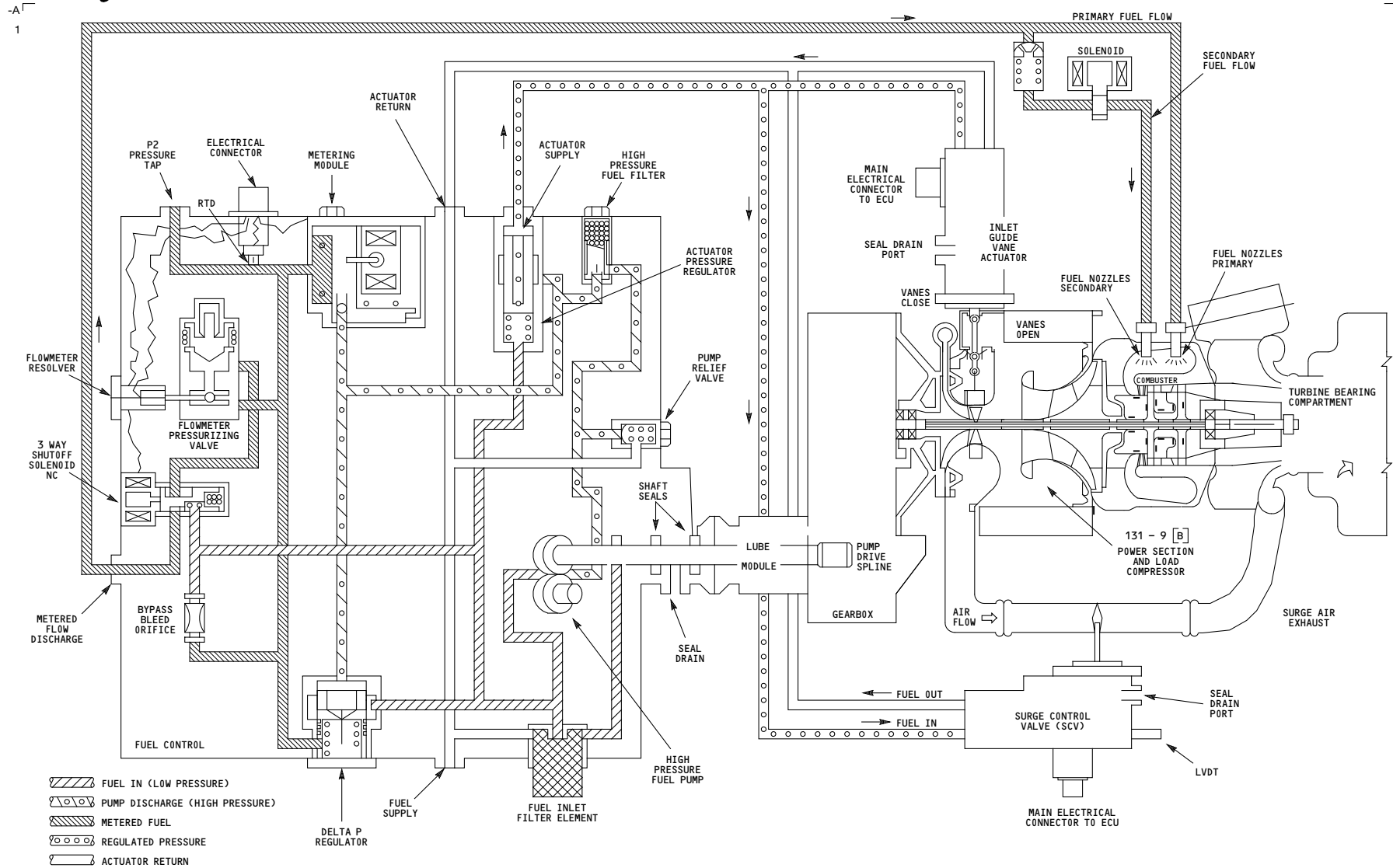
**APU GENERAL ARRANGEMENT**

**49-00-00**

Page 101

Jun 21/2016

D280A451



ALL

## APU FUEL DISTRIBUTION

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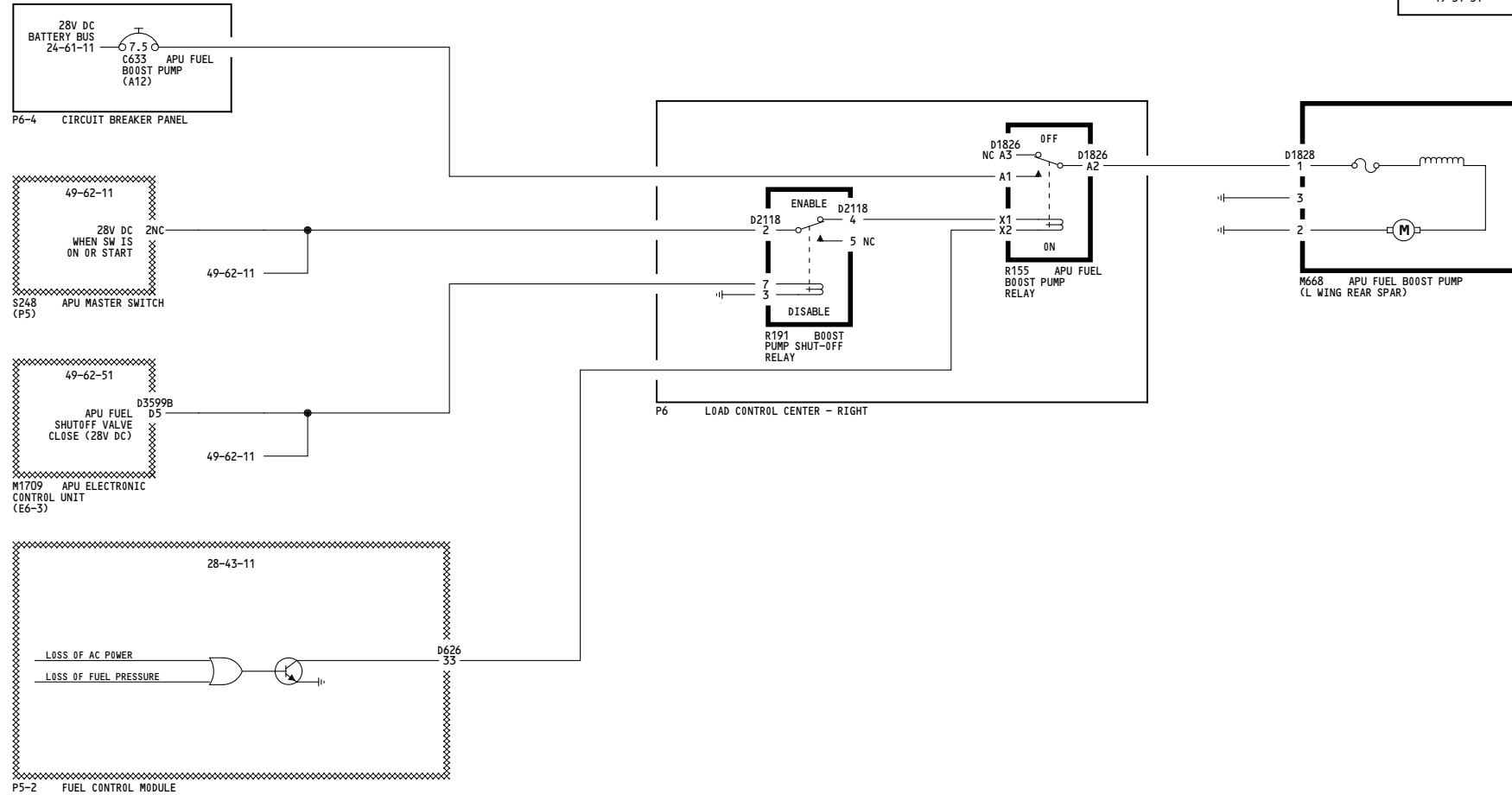
49-31-00

Page 101

Jun 21/2016



4



ALL

**APU FUEL BOOST  
PUMP CONTROL**

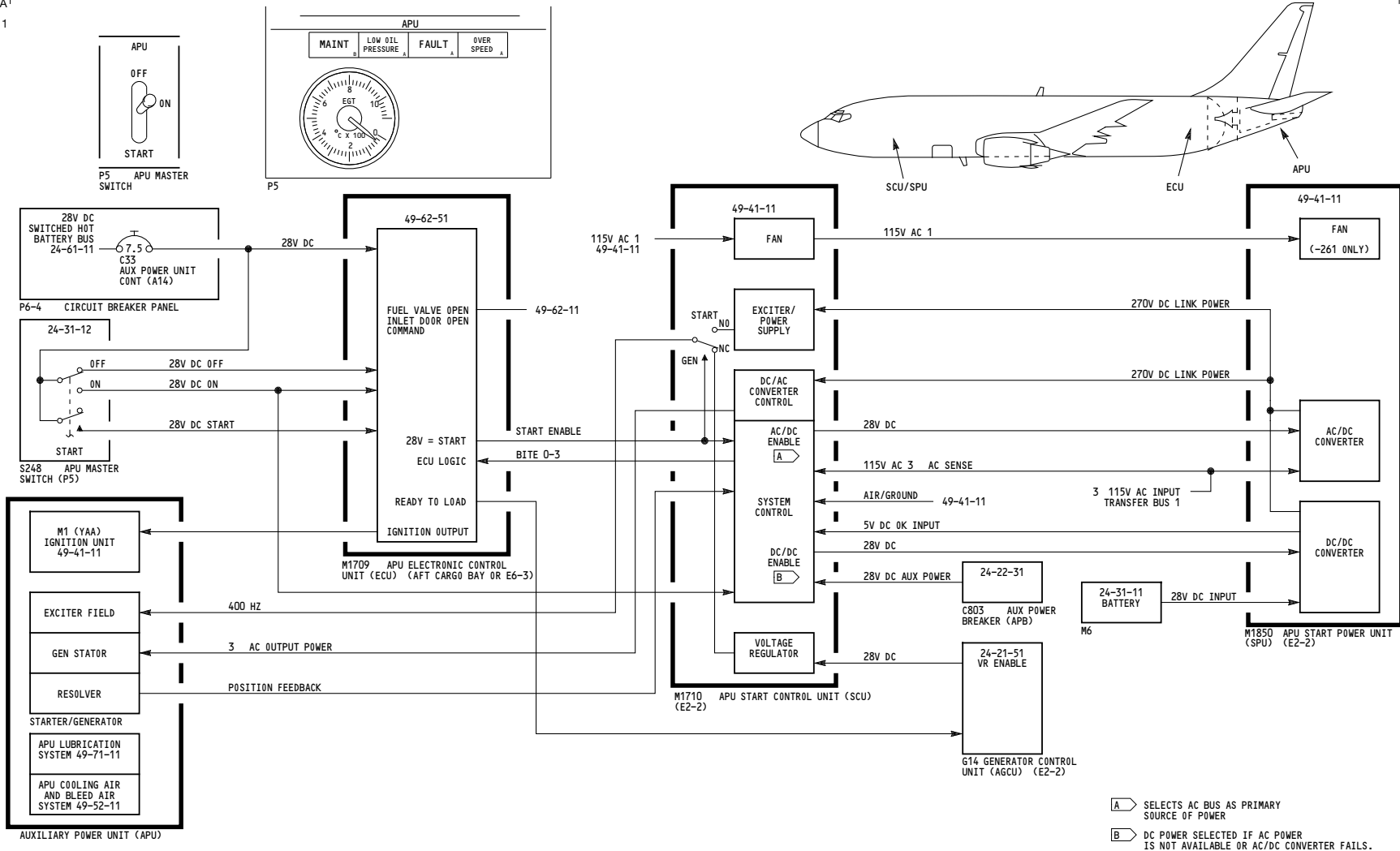
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**49-31-31**

Page 101

Jun 21/2016

-A  
1



ALL

APU START SYSTEM

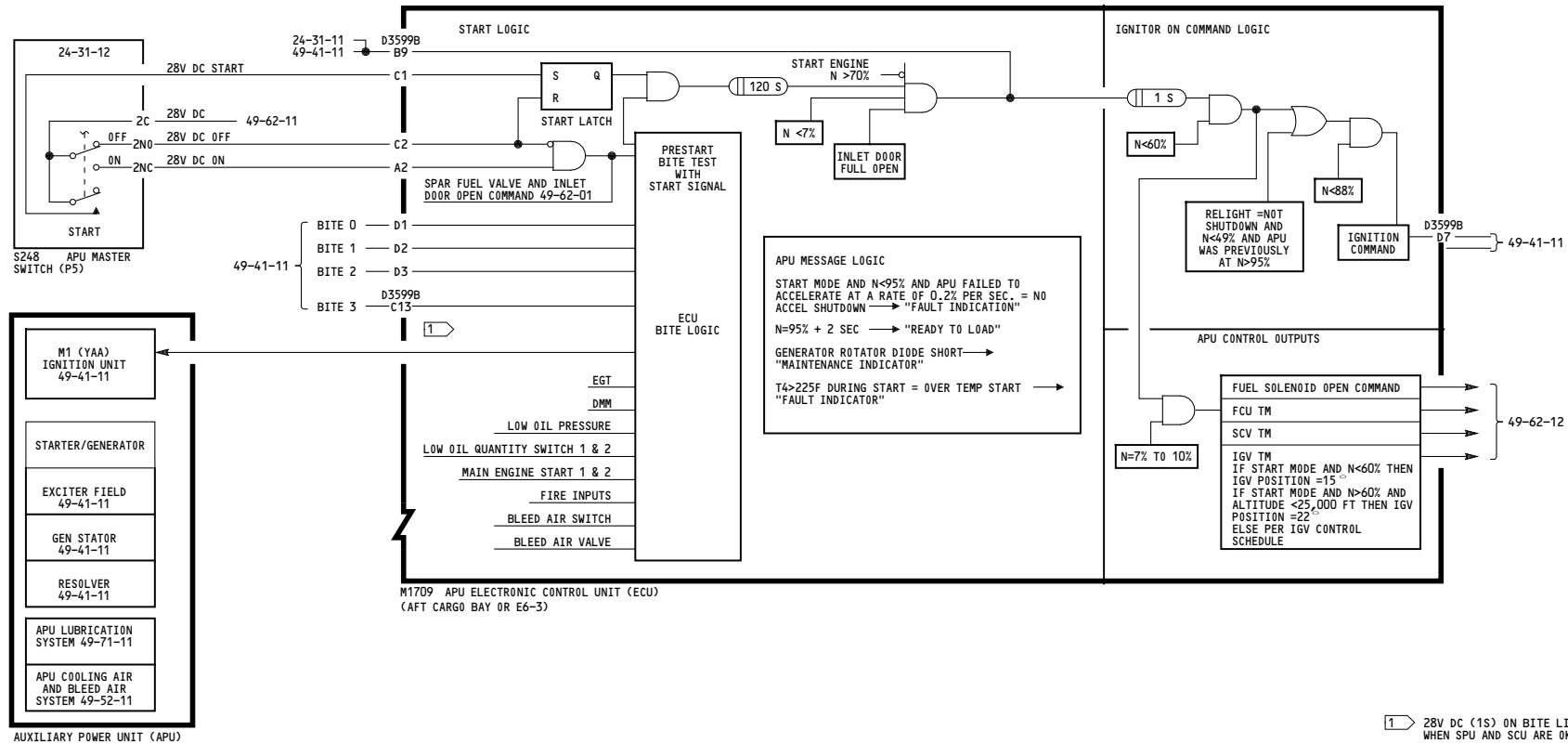
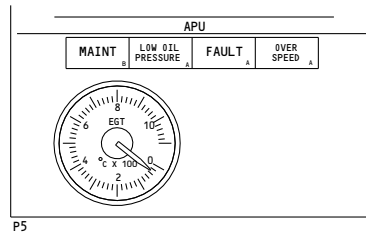
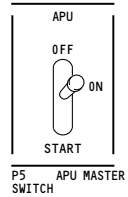
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Page 101

Jun 21/2016

D280A451

-A  
2



ALL

**APU START SYSTEM**

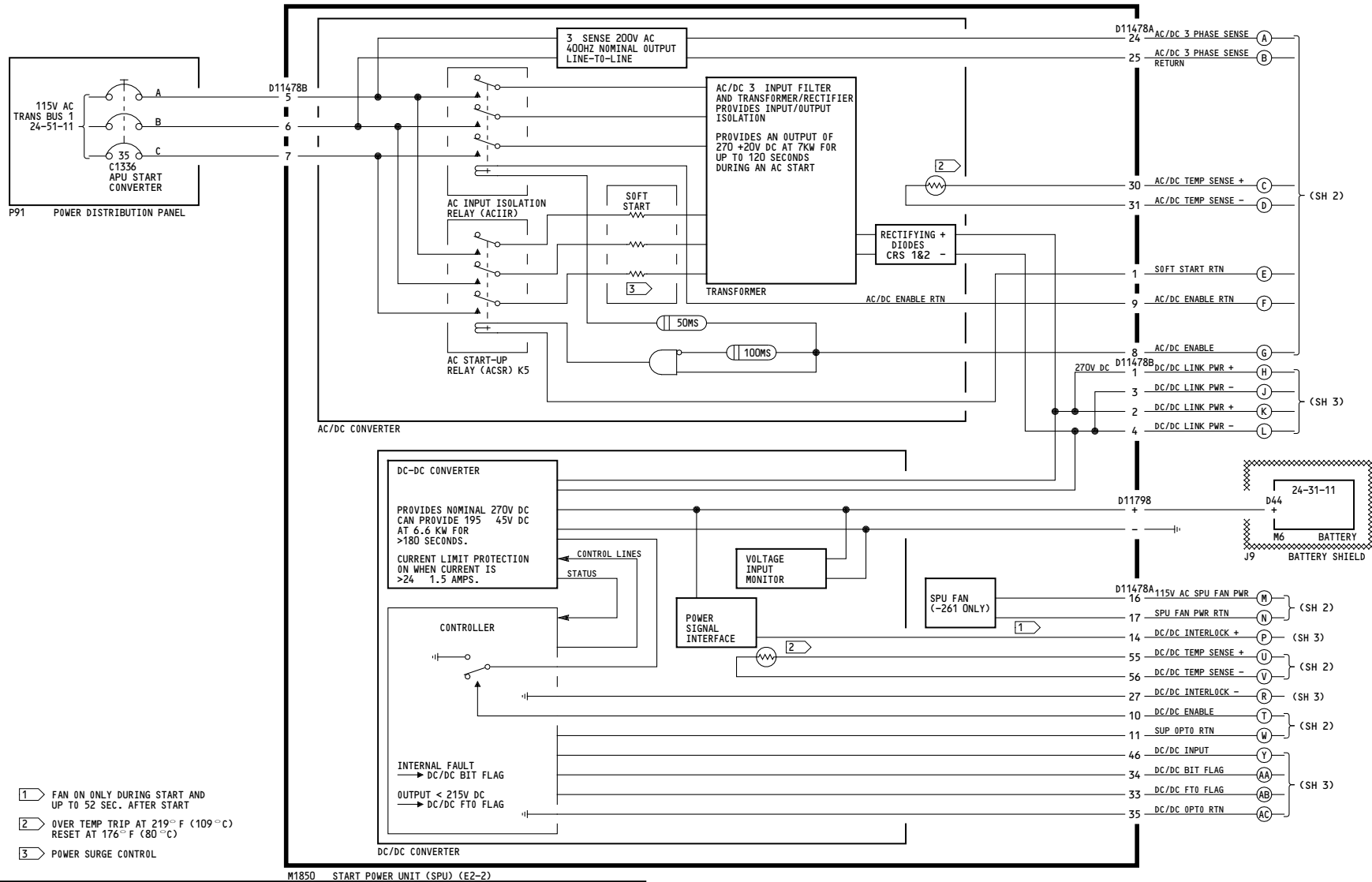
**49-41-01**

Page 101

Jun 21/2016

D280A451

-B  
2



M1850 START POWER UNIT (SPU) (E2-2)

ALL

## APU SCU/SPU START SYSTEM LOGIC

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49-41-02

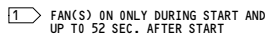
Page 101  
Sheet 1  
Jun 21/2016



115V AC  
STANDBY BUS  
24-52-11

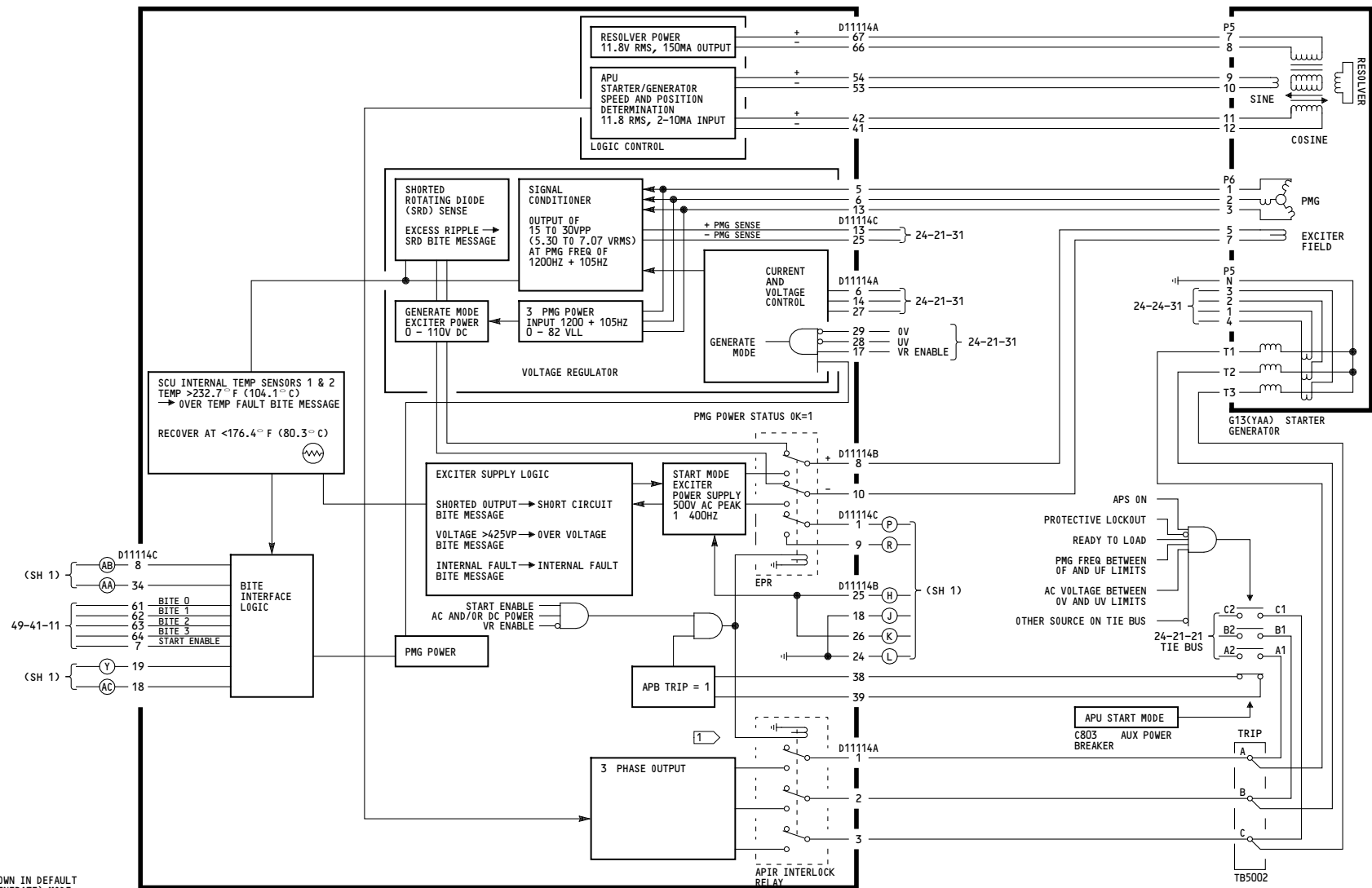
B14

C1424 AUX POWER  
UNIT SCU  
FAN POWER



Page 101  
Sheet 2  
Jun 21/2016

-A  
2



M1710 START CONVERTER UNIT (E2-2)

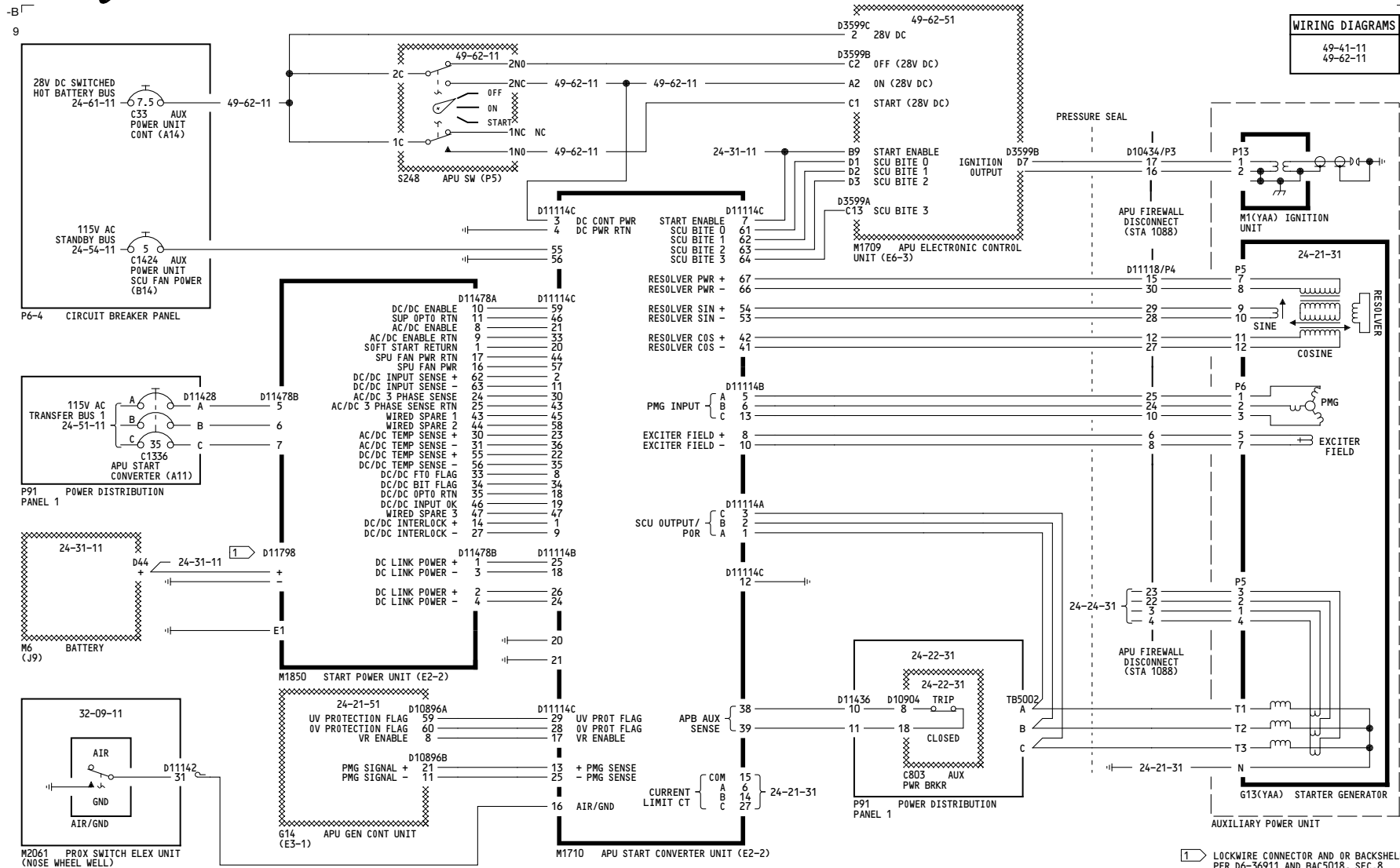
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**APU SCU/SPU START  
SYSTEM LOGIC**

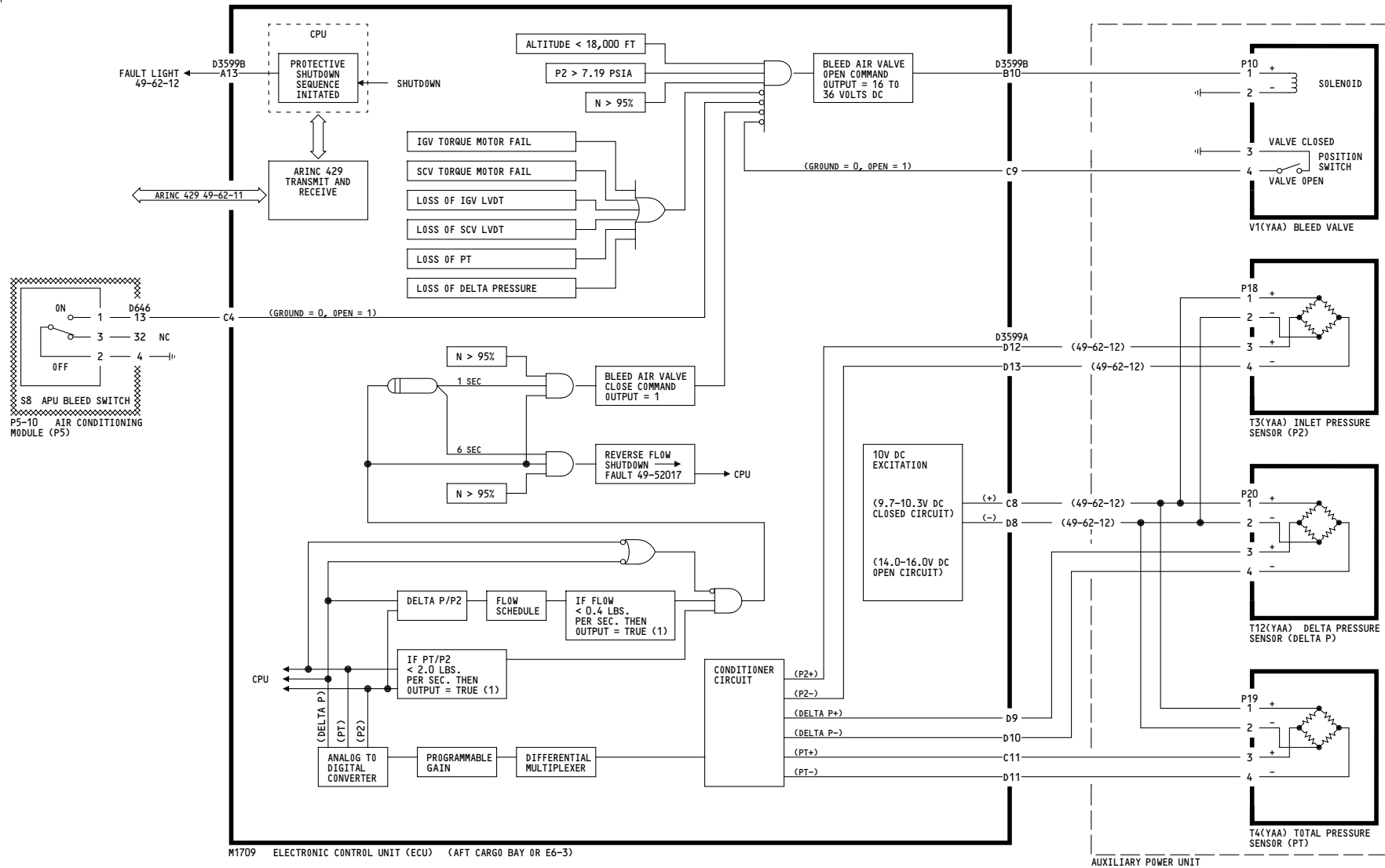
D280A451

**49-41-02**

Page 101  
Sheet 3  
Jun 21/2016



-C  
1



ALL

**APU ECU BLEED AIR AND SURGE CONTROL LOGIC**

D280A451

**49-52-01**

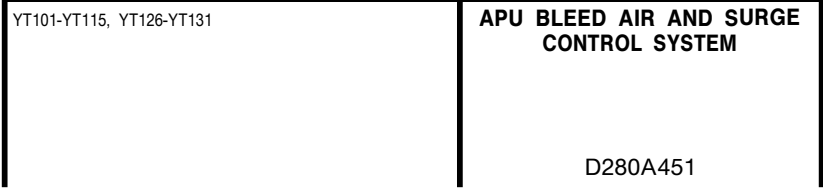
Page 101

Jun 21/2016

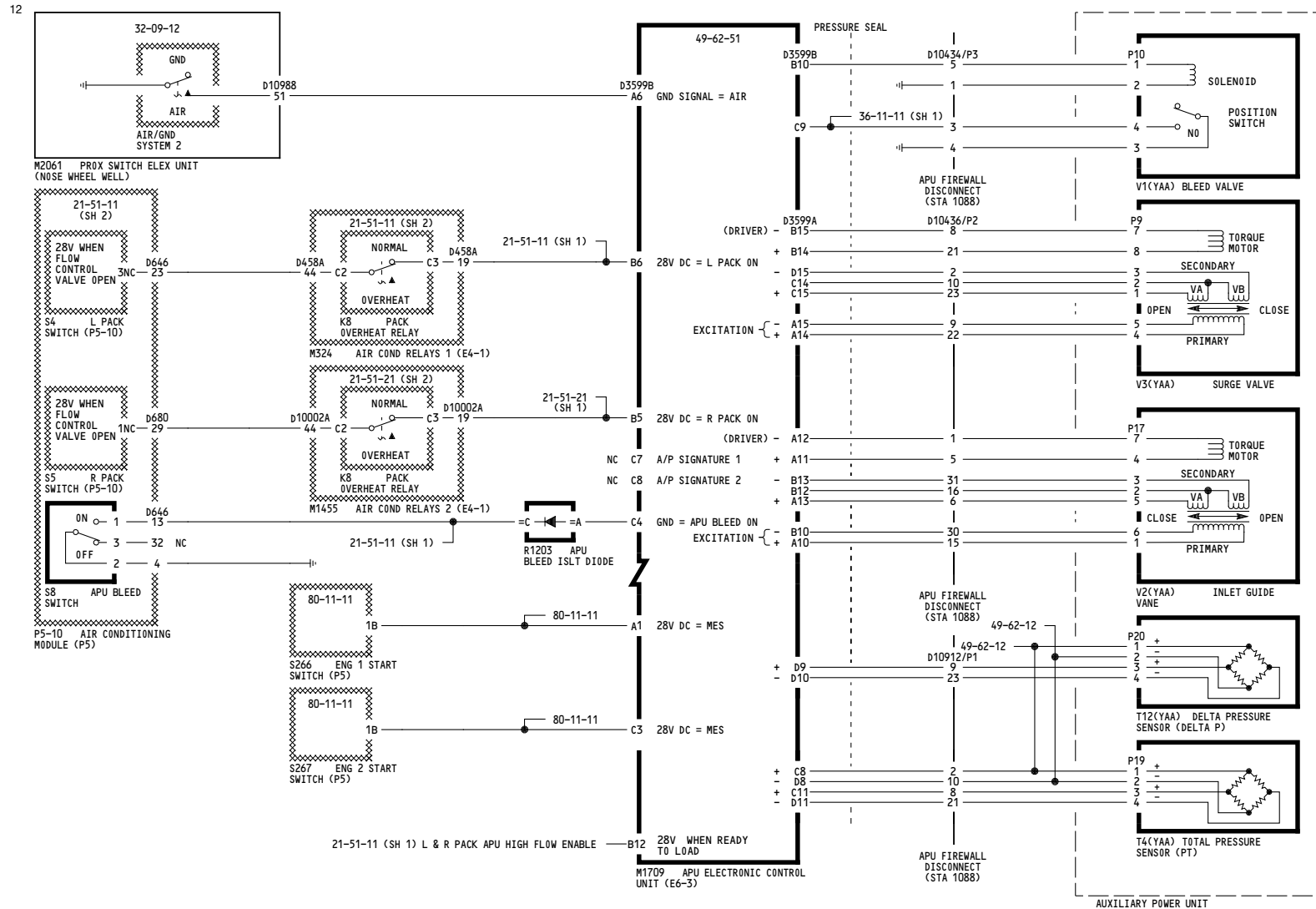




WIRING DIAGRAMS
49-52-31



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YT116-YT120, YT132-YT133

## APU BLEED AIR AND SURGE CONTROL SYSTEM

D280A451

49-52-31

Page 102

Jun 21/2016

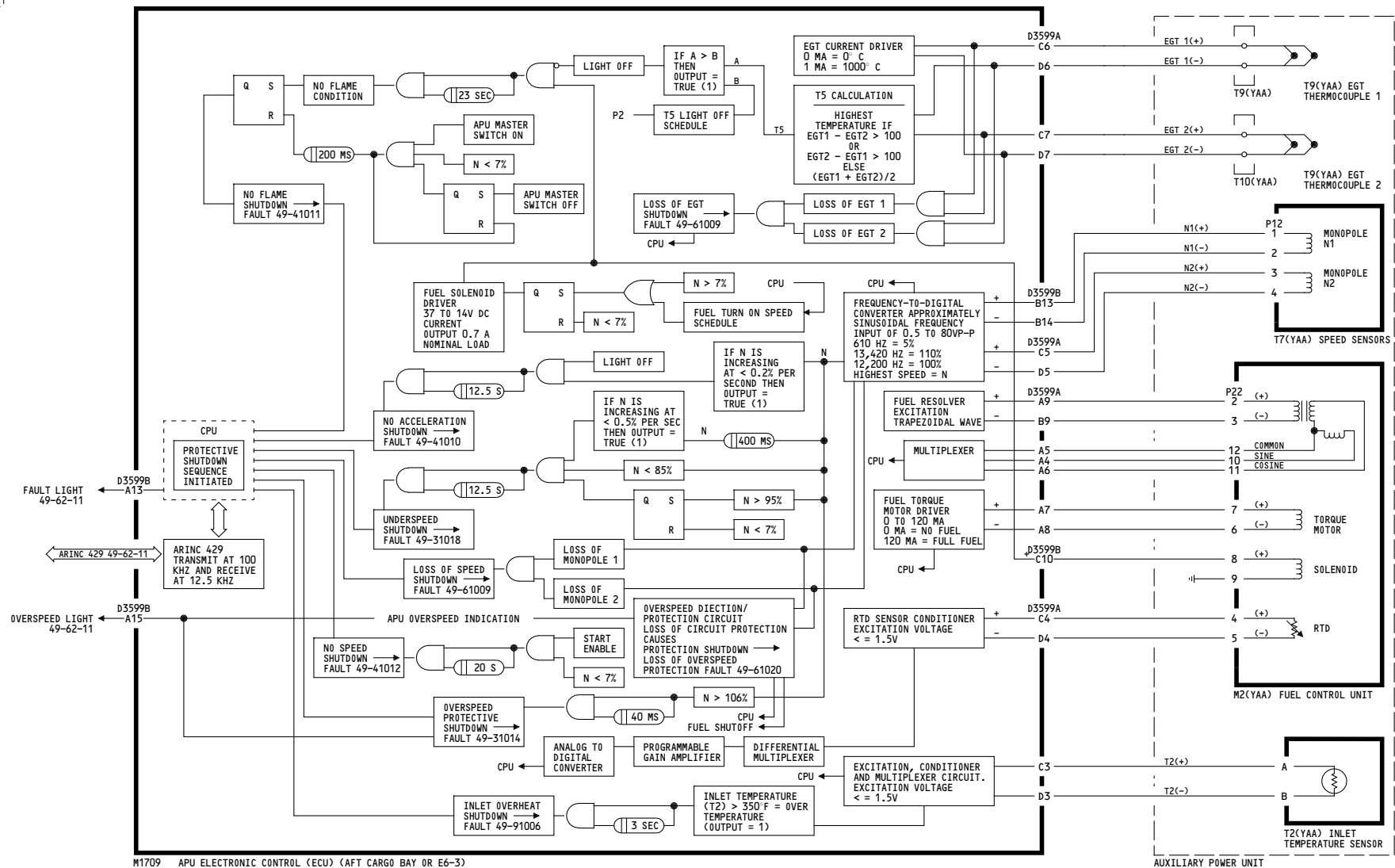


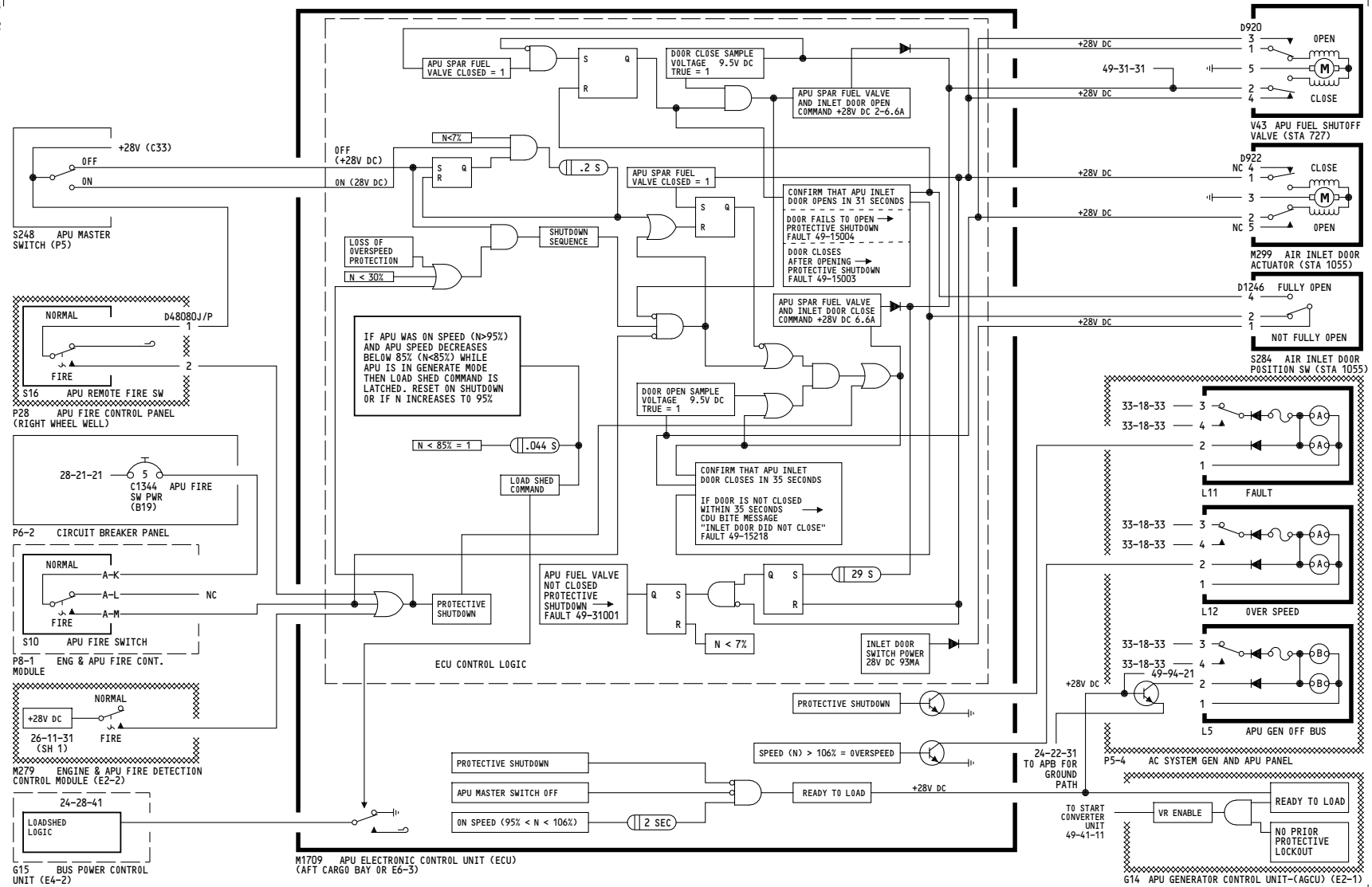
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Jun 21/2016

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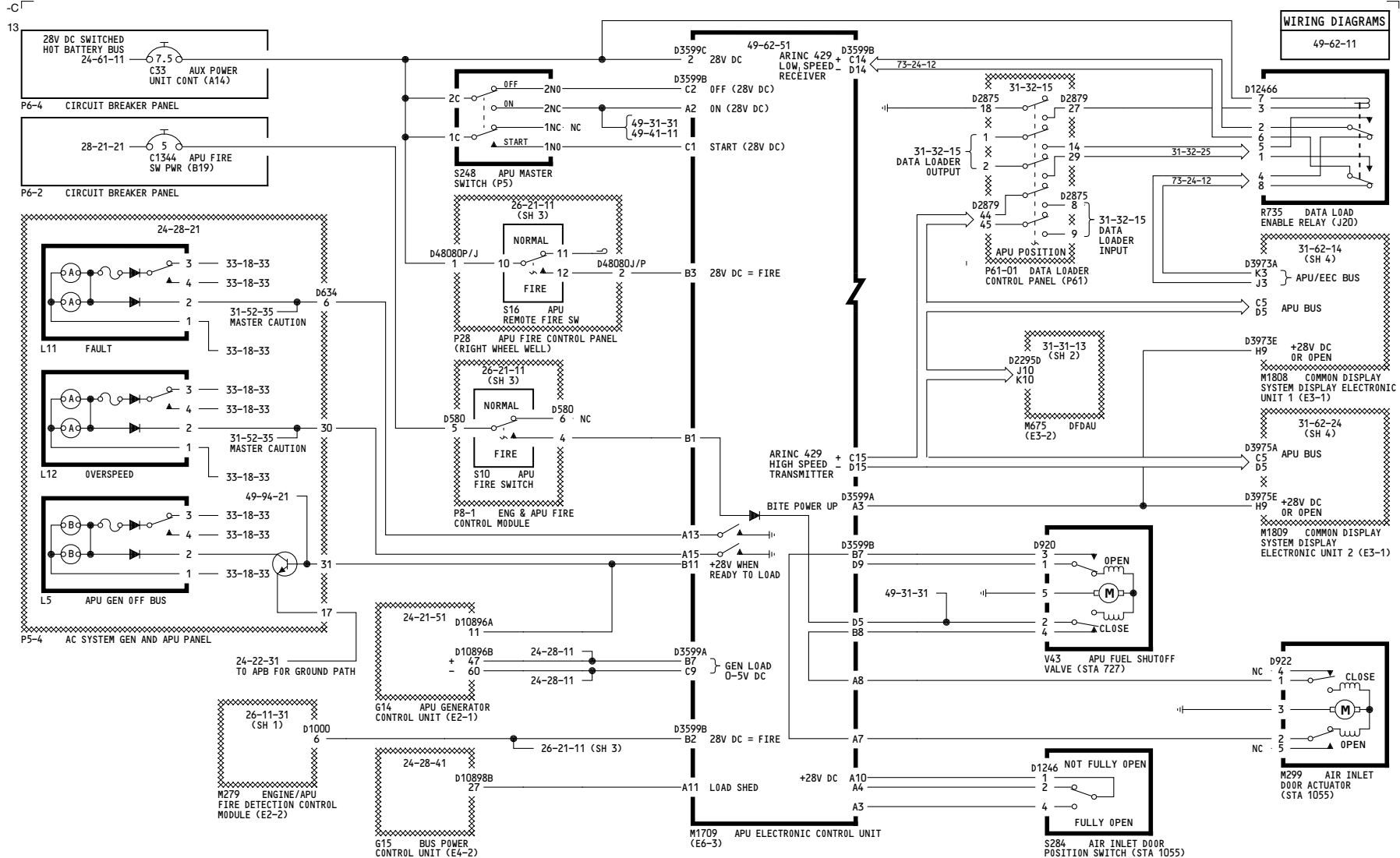
## APU CONTROL SYSTEM

D280A451

**49-62-01**

Page 101

Jun 21/2016



ALL

APU CONTROL-AIRPLANE INTERFACE

D280A451

49-62-11

Page 101

Jun 21/2016



WIRING DIAGRAMS
49-62-12



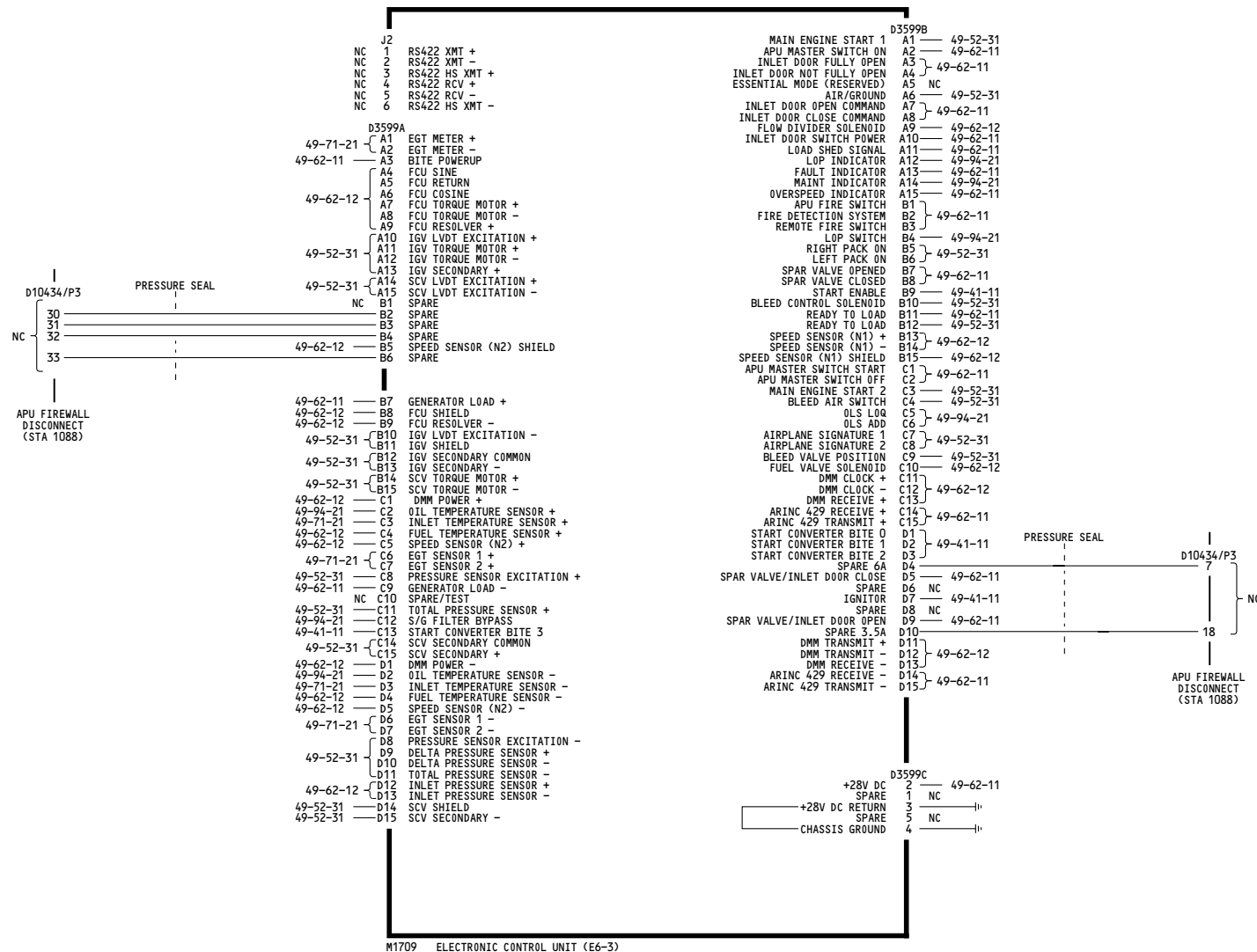


## 737-800 SYSTEM SCHEMATIC MANUAL

-B  
2

### WIRING DIAGRAMS

49-62-51



M1709 ELECTRONIC CONTROL UNIT (E6-3)

ALL

### ECU PINOUT

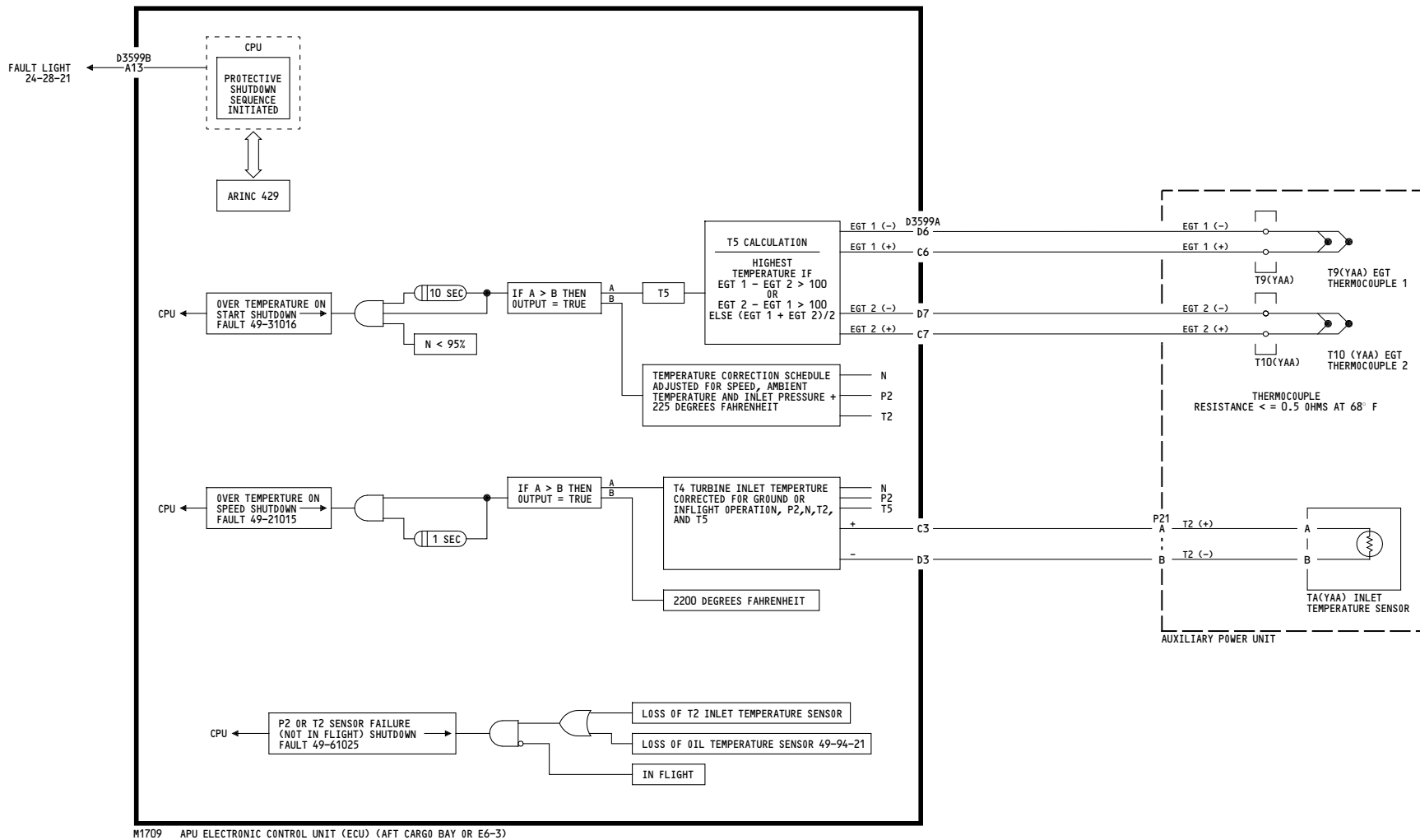
D280A451

49-62-51

Page 101

Jun 21/2016

-B  
1



ALL

## APU EGT INDICATION

D280A451

49-71-01

Page 101

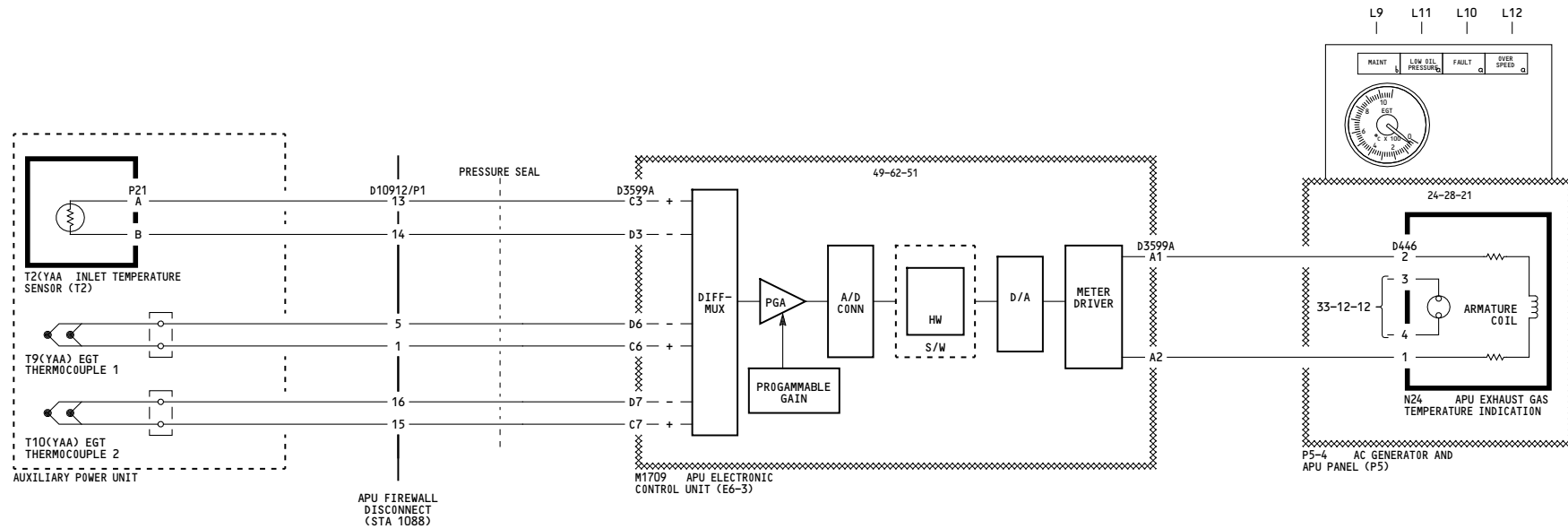
Jun 21/2016



-E  
2

**WIRING DIAGRAMS**

49-71-21



ALL

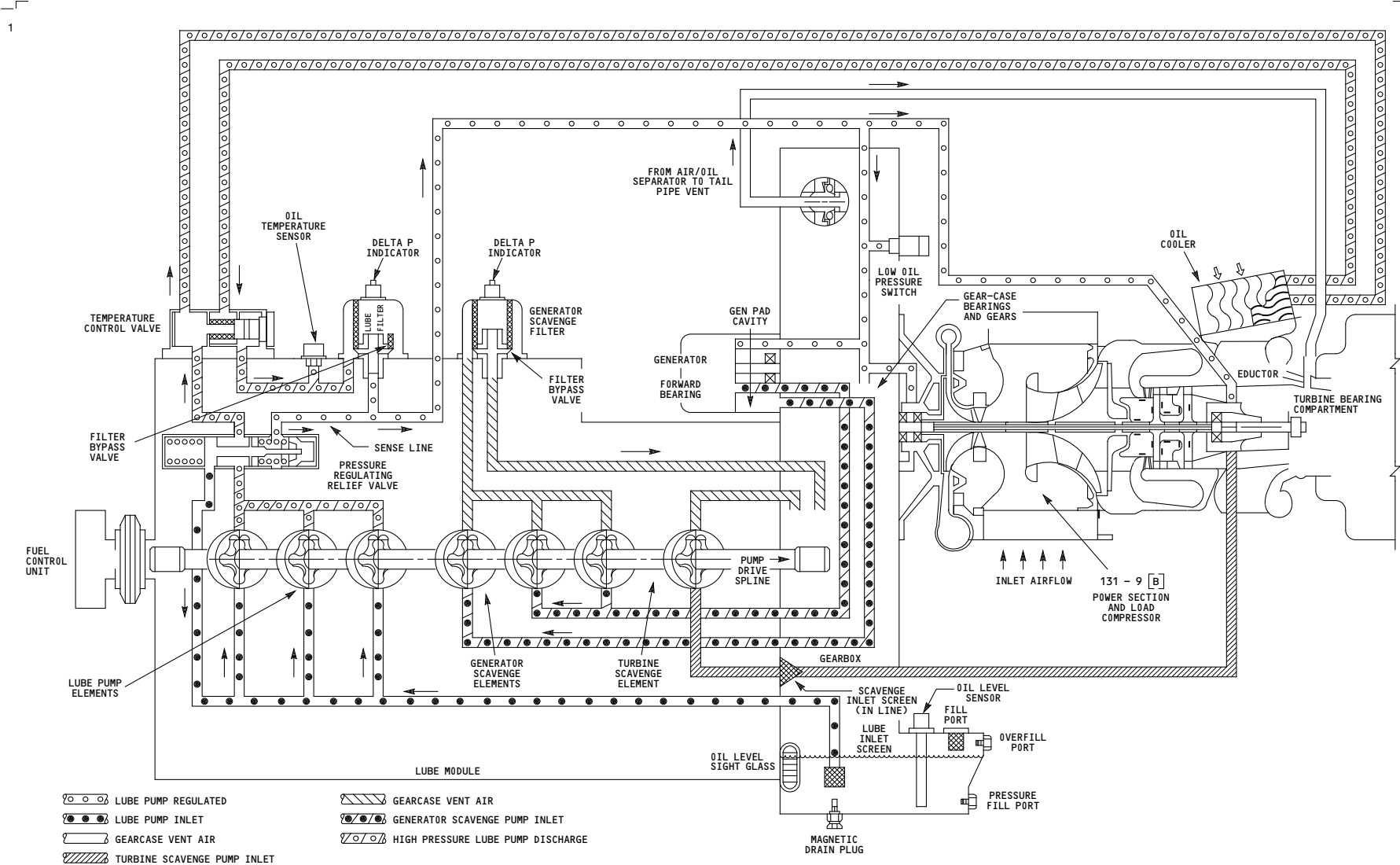
APU EGT SYSTEM

D280A451

**49-71-21**

Page 101

Jun 21/2016



ALL

**APU OIL DISTRIBUTION**

D280A451

**49-94-00**

Page 101

Jun 21/2016



1 SHOWN IN FULL OIL POSITION WITH ENGINE OFF

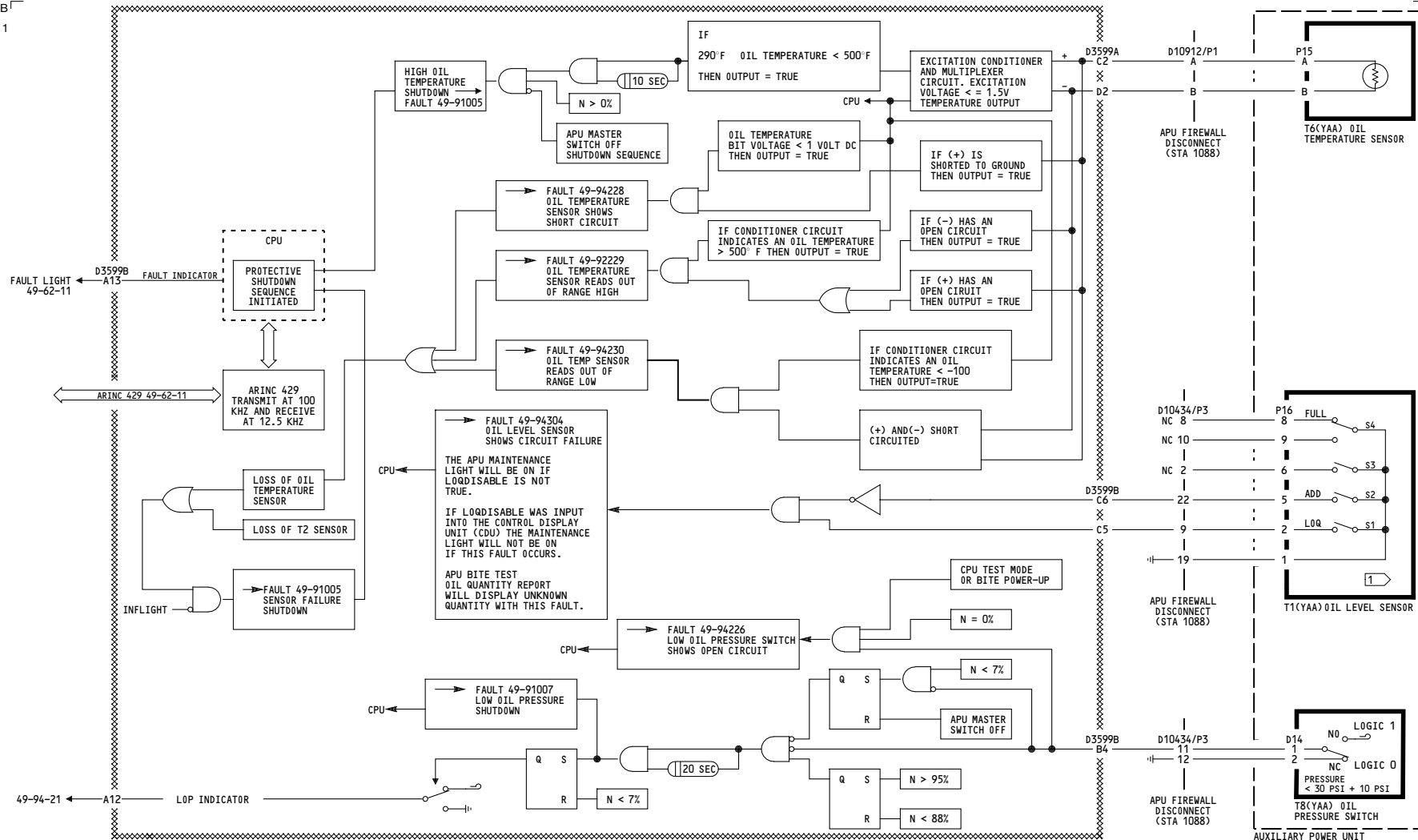
## APU OIL INDICATION

**49-94-01**

Page 101

Jun 21/2016

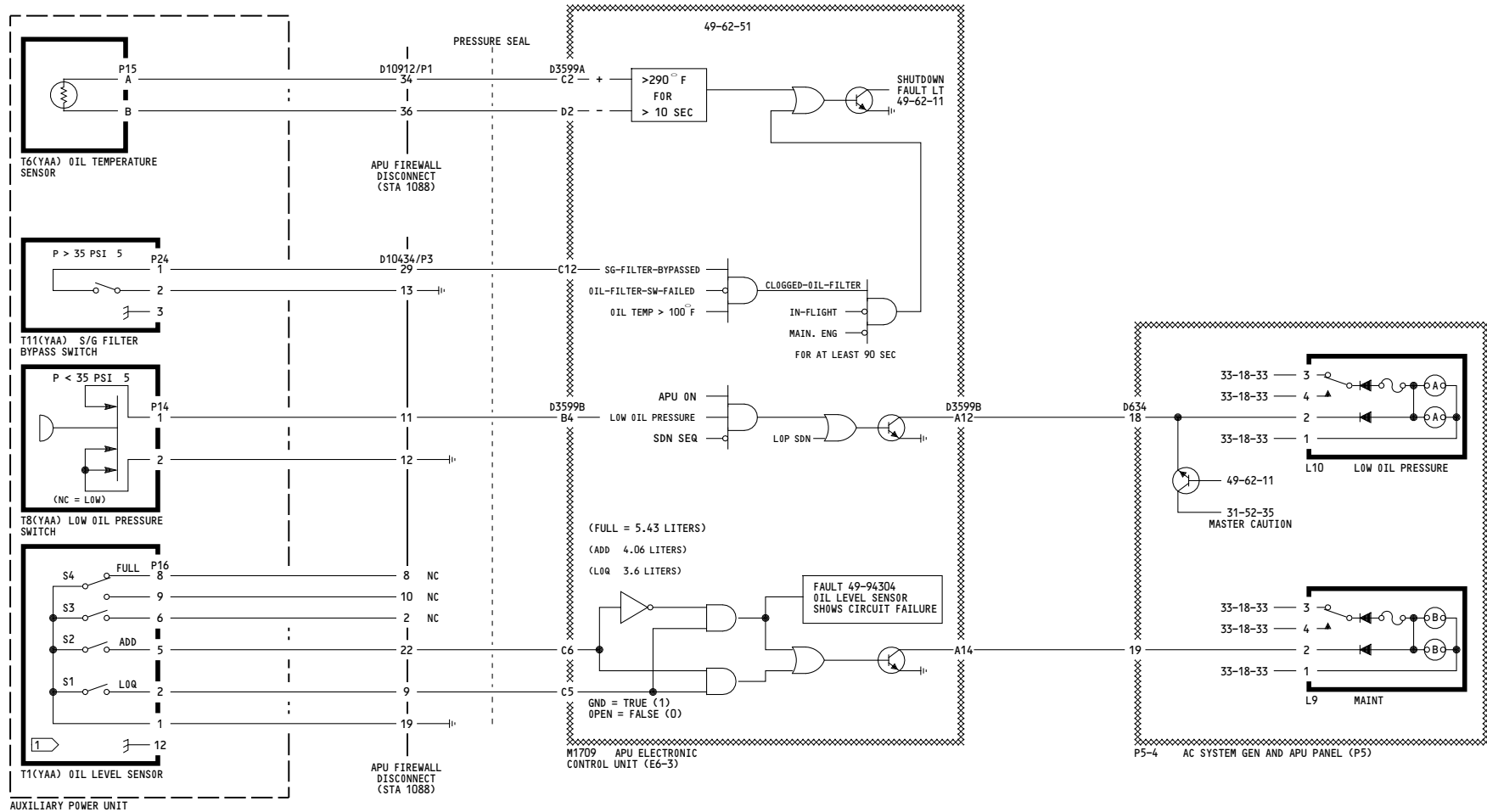
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AUXILIARY POWER UNIT

-F-  
2

WIRING DIAGRAMS  
49-94-21



NOTES:  
1 SHOWN IN FULL OIL POSITION WITH ENGINE OFF.

ALL	APU OIL SYSTEM
	D280A451

49-94-21

Page 101

Jun 21/2016