

**TECHNICAL MANUAL
MAINTENANCE INSTRUCTIONS
ORGANIZATIONAL LEVEL
WIRING DIAGRAM
ELECTRICAL POWER
FRENCH REPUBLIC E-3F AIRCRAFT**

AIR FRANCE/SIMMAD MARCHÉ 07/92 006

THIS INFORMATION IS FURNISHED UPON THE CONDITION THAT IT WILL NOT BE RELEASED TO ANOTHER NATION WITHOUT SPECIFIC AUTHORITY OF THE DEPARTMENT OF THE AIR FORCE OF THE UNITED STATES, THAT IT WILL BE USED FOR MILITARY PURPOSES ONLY, THAT INDIVIDUAL OR CORPORATE RIGHTS ORIGINATING IN THE INFORMATION, WHETHER PATENTED OR NOT, WILL BE RESPECTED, THAT THE RECIPIENT WILL REPORT PROMPTLY TO THE U.S. ANY KNOWN OR SUSPECTED COMPROMISE, THAT THE INFORMATION WILL BE PROVIDED SUBSTANTIALLY THE SAME DEGREE OF SECURITY AFFORDED IT BY THE DEPARTMENT OF DEFENSE OF THE UNITED STATES.

**15 AUGUST 1990
CHANGE 13 – 3 DECEMBER 2008**

MODIFICATION TEMPORAIRE EHS

THE SPECIFIC MT-EHS GREEN PAGES LISTED HEREAFTER ARE PROVIDED FOR THE PURPOSE OF UPDATING FRENCH E-3F C.S.T.O.'S TO REFLECT INCORPORATION OF THE SYSTEM ENHANCED SURVEILLANCE. ONLY E-3F AIRCRAFT MODIFIED WITH THE SYSTEM ENHANCED SURVEILLANCE ARE CONCERNED BY THESE ENCLOSED PAGES. MT PAGES WILL BE SUPERSEDED BY C.S.T.O. CHANGE WHEN THE SYSTEM ENHANCED SURVEILLANCE ARE INSTALLED ON THE ENTIRE E-3F FLEET.

TOTAL NUMBER OF PAGES IN THIS "MODIFICATION TEMPORAIRE" IS 2 CONSISTING OF THE FOLLOWING:

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NIL

SUBJECT: This modification incorporates Enhanced Surveillance of mode S used by Control Air Traffic.

MT ISSUE: 29 JULY 2009.

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TECHNICAL MANUAL

MAINTENANCE INSTRUCTIONS

ORGANIZATIONAL LEVEL

WIRING DIAGRAMS

ELECTRICAL POWER

FRENCH REPUBLIC E- 3F AIRCRAFT

AIR FRANCE/SIMMAD MARCHÉ11/92018

THIS CHANGE INCORPORATES THE MT- DAMA

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15 AUGUST 1990
CHANGE 19 - 01 AUGUST 2016

LIST OF EFFECTIVE PAGES**INSERT LATEST CHANGED PAGES. DESTROY SUPERSEDED PAGES.**

NOTE The portion of this index affected by changed pages is indicated by the latest revision letter in the rev column. Changes to wiring diagrams are indicated by shaded areas in grid pattern.

Dates of issue for original and changed pages are:

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DIAGRAM TITLE	DIAGRAM NO.	REV	INCORP. FR MODIFICATION NO.	EFFECTIVITY
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GENERATOR DRIVE NO. 1 AND NO. 2	11-24-11-01-01	A		ALL
GENERATOR DRIVE NO. 3 AND NO. 4	11-24-11-02-01	A		ALL
GENERATOR DRIVE NO. 5 AND NO. 6	11-24-11-03-01	A		ALL
GENERATOR DRIVE NO. 7 AND NO. 8	11-24-11-04-01	A		ALL
GENERATORS NO. 1, 2, 3 AND 4 POWER AND CONTROL BLOCK	11-24-21-B1-01	A		ALL
GENERATORS NO. 5, 6, 7, 8 AND APU POWER AND CONTROL BLOCK	11-24-21-B2-01	A		ALL
GENERATOR NO. 1 POWER AND CONTROL	11-24-21-01-01	A		ALL
GENERATOR NO. 2 POWER AND CONTROL	11-24-21-02-01	A		ALL
GENERATOR NO. 3 POWER AND CONTROL	11-24-21-03-01	A		ALL
GENERATOR NO. 4 POWER AND CONTROL	11-24-21-04-01	A		ALL
GENERATOR NO. 5 POWER AND CONTROL	11-24-21-05-01	A		ALL
GENERATOR NO. 6 POWER AND CONTROL	11-24-21-06-01	A		ALL
GENERATOR NO. 7 POWER AND CONTROL	11-24-21-07-01	A		ALL
GENERATOR NO. 8 POWER AND CONTROL	11-24-21-08-01	A		ALL
APU GENERATOR POWER AND CONTROL	11-24-21-09-01	A		ALL
LEFT SYNCHRONIZING BUS	11-24-21-10-01	A		ALL
RIGHT SYNCHRONIZING BUS	11-24-21-11-01	A		ALL
115V AC RADAR HIGH VOLTAGE POWER SUPPLY	11-24-21-12-01	W	140KVA	ALL
GENERATOR BREAKER NO. 1 THRU NO. 8 CONTROL BLOCK	11-24-22-B1-01	A		ALL
BUS TIE BREAKERS NO. 1 THRU NO. 4 BLOCK	11-24-22-B2-01	A		ALL
BUS TIE BREAKERS NO. 5 THRU NO. 8 BLOCK	11-24-22-B3-01	A		ALL
AUXILIARY POWER BREAKER CONTROL AND GROUND POWER INTERLOCK BLOCK	11-24-22-B4-01	A		ALL
GENERATOR BREAKER NO. 1 AND NO. 2 CONTROL	11-24-22-01-01	A		ALL
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DIAGRAM TITLE	DIAGRAM NO.	REV	INCORP. FR MODIFICATION NO.	EFFECTIVITY
GENERATOR BREAKER NO. 5 AND NO. 6 CONTROL	11-24-22-03-01	A		ALL
GENERATOR BREAKER NO. 7 AND NO. 8 CONTROL	11-24-22-04-01	A		ALL
BUS TIE BREAKER NO. 1 AND NO. 2 CONTROL	11-24-22-05-01	A		ALL
BUS TIE BREAKER NO. 3 AND NO. 4 CONTROL	11-24-22-06-01	A		ALL
BUS TIE BREAKER NO. 5 AND NO. 6 CONTROL	11-24-22-07-01	A		ALL
BUS TIE BREAKER NO. 7 AND NO. 8 CONTROL	11-24-22-08-01	A		ALL
AUXILIARY POWER CONTACTOR CONTROL	11-24-22-09-01	A		ALL
GROUND POWER INTERLOCK	11-24-22-10-01	A		ALL
DIFFERENTIAL FAULT AND OPEN PHASE SENSING GENERATORS 1 THRU 8 AND SYNCHRONIZING BUS BLOCK	11-24-23-B1-01	A		ALL
REAL AND REACTIVE LOAD DIVISION AND PROTECTION, OVER/UNDER EXCITATION PROTECTION BLOCK	11-24-23-B2-01	A		ALL
DIFFERENTIAL AND OPEN PHASE SENSING GENERATOR NO. 1 AND NO. 2	11-24-23-01-01	A		ALL
DIFFERENTIAL AND OPEN PHASE SENSING GENERATOR NO. 3 AND NO. 4	11-24-23-02-01	A		ALL
DIFFERENTIAL AND OPEN PHASE SENSING GENERATOR NO. 5 AND NO. 6	11-24-23-03-01	A		ALL
DIFFERENTIAL AND OPEN PHASE SENSING GENERATOR NO. 7 AND NO. 8	11-24-23-04-01	A		ALL
DIFFERENTIAL FAULT SENSING APU GENERATOR	11-24-23-05-01	A		ALL
DIFFERENTIAL FAULT SENSING LEFT SYNCHRONIZING BUS	11-24-23-06-01	A		ALL
DIFFERENTIAL FAULT SENSING RIGHT SYNCHRONIZING BUS	11-24-23-07-01	A		ALL
REAL LOAD DIVISION GENERATOR NO. 1, NO. 2, NO. 3 AND NO. 4	11-24-23-08-01	A		ALL
REAL LOAD DIVISION GENERATOR NO. 5, NO. 6, NO. 7 AND NO. 8	11-24-23-09-01	A		ALL

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REAL LOAD DIVISION PROTECTION GENERATOR NO. 5, NO. 6, NO. 7 AND NO. 8	11- 24- 23- 11- 01	A		ALL
REACTIVE LOAD DIVISION GENERATOR NO. 1, NO. 2, NO. 3 AND NO. 4	11- 24- 23- 12- 01	A		ALL
REACTIVE LOAD DIVISION GENERATOR NO. 5, NO. 6, NO. 7 AND NO. 8	11- 24- 23- 13- 01	A		ALL
OVER/UNDER EXCITATION PROTECTION GENERATOR NO. 1, NO. 2, NO. 3 AND NO. 4	11- 24- 23- 14- 01	A		ALL
OVER/UNDER EXCITATION PROTECTION GENERATOR NO. 5, NO. 6, NO. 7, AND NO. 8	11- 24- 23- 15- 01	A		ALL
GENERATOR CIRCUIT BREAKER AND BUS TIE BREAKER ANNUNCIATION BLOCK	11- 24- 27- B1- 01	A		ALL
CONSTANT SPEED DRIVE NO. 1 THRU NO. 8, EXTERNAL APU POWER EMERGENCY POWER AND MAINTENANCE ANNUNCIATION BLOCK	11- 24- 27- B2- 01	A		ALL
GENERATOR CIRCUIT BREAKER NO. 1, NO. 2, NO. 3 AND NO. 4 ANNUNCIATOR	11- 24- 27- 01- 01	A		ALL
GENERATOR CIRCUIT BREAKER NO. 5, NO. 6, NO. 7, AND NO. 8 ANNUNCIATOR	11- 24- 27- 02- 01	A		ALL
BUS TIE BREAKER ANNUNCIATION	11- 24- 27- 03- 01	A		ALL
CONSTANT SPEED DRIVE NO. 1, NO. 2, NO. 3 AND NO. 4 ANNUNCIATION	11- 24- 27- 04- 01	A		ALL
CONSTANT SPEED DRIVE NO. 5, NO. 6, NO. 7 AND NO. 8 ANNUNCIATION	11- 24- 27- 05- 01	A		ALL
EXTERNAL APU POWER ANNUNCIATION	11- 24- 27- 06- 01	A		ALL
EMERGENCY POWER ANNUNCIATION	11- 24- 27- 07- 01	A		ALL
MAINTENANCE ANNUNCIATOR	11- 24- 27- 08- 01	A		ALL
P11 POWER SYSTEM SWITCH LIGHTING	11- 24- 27- 09- 01	A		ALL
P11 POWER SYSTEM SWITCH LIGHTING	11- 24- 27- 10- 01	A		ALL
P11 POWER SYSTEM SWITCH LIGHTING	11- 24- 27- 11- 01	A		ALL
AC METERS/AMMETERS- GENERATORS NO. 1 THRU NO. 8, APU, EXTERNAL, POWER BLOCK	11- 24- 28- B1- 01	A		ALL

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AC METERS - EXTERNAL POWER AND GENERATOR NO. 1, NO. 2, NO. 3 AND NO. 4	11- 24- 28- 01- 01	W	RNVCOM	ALL
AC METERS - APU AND GENERATOR NO. 5, NO. 6, NO. 7 AND NO. 8	11- 24- 28- 02- 01	A		ALL
AC AMMETERS GENERATORS NO. 1 THRU NO. 8	11- 24- 28- 03- 01	A		ALL
AC AMMETERS EXTERNAL POWER AND APU	11- 24- 28- 04- 01	C		ALL
BATTERY MAIN	11- 24- 31- 01- 01	A		ALL
TRANSFORMER RECTIFIER UNITS AIR VEHICLE	11- 24- 32- 01- 01	W	RNVCOM	ALL
TRANSFORMER RECTIFIER UNITS MISSION	11- 24- 32- 02- 01	W	RNVCOM	ALL
EMERGENCY POWER	11- 24- 33- 01- 01	A		ALL
DC METERS AIR VEHICLE AND MISSION	11- 24- 34- 01- 01	W	RNVCOM	ALL
EXTERNAL POWER CONTROL DISTRIBUTION AND INTERLOCK NOS. 1A, 1B, 2A AND 2B BLOCK	11- 24- 41- B1- 01	A		ALL
EXTERNAL POWER CONTROL NO. 1A	11- 24- 41- 01- 01	A		ALL
EXTERNAL POWER CONTROL	11- 24- 41- 02- 01	G	ET 609	ALL
EXTERNAL POWER DISTRIBUTION NO. 1A	11- 24- 41- 03- 01	A		ALL
EXTERNAL POWER DISTRIBUTION NO. 1B	11- 24- 41- 04- 01	A		ALL
EXTERNAL POWER DISTRIBUTION NO. 2A	11- 24- 41- 05- 01	A		ALL
EXTERNAL POWER DISTRIBUTION NO. 2B	11- 24- 41- 06- 01	A		ALL
EXTERNAL POWER INTERLOCK	11- 24- 41- 07- 01	A		ALL
115V AC MISSION BUS NO. 1 DISTRIBUTION NO. 1	11- 24- 51- 01- 01	R	MT/MLU	ALL
115V AC MISSION BUS NO. 1 DISTRIBUTION NO. 2	11- 24- 51- 02- 01	Z	MT/MLU	ALL
115V AC AIR VEHICLE BUS NO. 2 DISTRIBUTION NO. 1	11- 24- 51- 03- 01	R	0180/2007	ALL
SATCOM DAMA ATO ACTIVATION 115V AC MISSION BUS N°2	11- 24- 51- 05- 01	X	DAMA	ALL
115V AC MISSION BUS NO. 3 DISTRIBUTION NO. 1	11- 24- 51- 07- 01	B	MT/MLU	ALL

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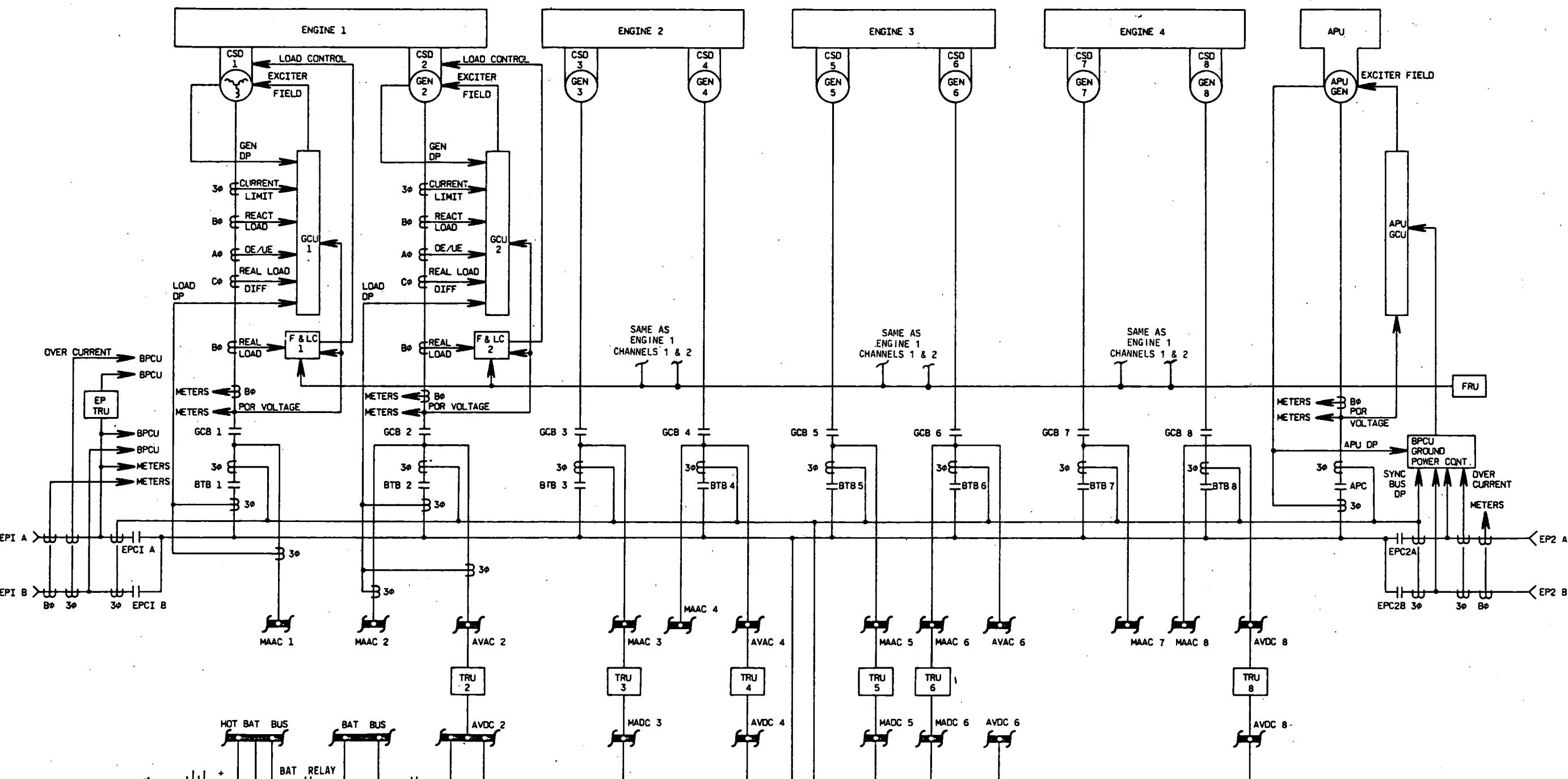
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115V AC MISSION BUS NO. 3 DISTRIBUTION NO. 2	11- 24- 51- 08- 01	U	MT/MLU	ALL
115V AC AIR VEHICLE BUS NO. 4 DISTRIBUTION NO. 1	11- 24- 51- 09- 01	M	GINS/RVSM 11	ALL
115V AC AIR VEHICLE BUS NO. 4 DISTRIBUTION NO. 2	11- 24- 51- 10- 01	U	0256/2008	ALL
115V AC MISSION BUS NO. 4 DISTRIBUTION NO. 1	11- 24- 51- 11- 01	B	MT/MLU	ALL
115V AC MISSION BUS NO. 5 DISTRIBUTION NO. 1	11- 24- 51- 13- 01	A		ALL
115V AC AIR VEHICLE BUS NO. 6 DISTRIBUTION NO. 1	11- 24- 51- 15- 01	U	0256/2008	ALL
115V AC MISSION BUS NO. 6 DISTRIBUTION NO. 1	11- 24- 51- 17- 01	D	MT/MLU	ALL
115V AC MISSION BUS NO. 7 DISTRIBUTION NO. 1	11- 24- 51- 19- 01	C	MT/MLU	ALL
115V AC AIR VEHICLE BUS NO. 8 DISTRIBUTION NO. 1	11- 24- 51- 21- 01	R	0180/2007	ALL
115V AC MISSION BUS NO. 8 DISTRIBUTION NO. 1	11- 24- 51- 23- 01	X	MT/MLU	ALL
115V AC EMERGENCY BUS	11- 24- 51- 25- 01	O	ACAS/IFF 017	ALL
400 TO 60 HZ FREQ CONVERSION 60 HZ POWER DISTRIBUTION	11- 24- 51- 88- 01	A	MT/MLU	ALL
400 TO 60 HZ FREQ CONVERSION AND CONTROL	11- 24- 51- 89- 01	A	MT/MLU	ALL
28V AC AIR VEHICLE BUS NO. 2	11- 24- 53- 01- 01	M	GINS/RVSM 11	ALL
28V AC MISSION BUS NO. 7	11- 24- 53- 02- 01	A		ALL
28V AC AIR VEHICLE BUS NO. 8	11- 24- 53- 03- 01	E		ALL
28V AC MISSION BUS NO. 1	11- 24- 53- 04- 01	W	RNVCOM	ALL
28V DC AIR VEHICLE BUS NO. 2	11- 24- 54- 01- 01	W	RNVCOM, ISPSS	ALL
28V DC MISSION BUS NO. 3	11- 24- 54- 02- 01	X	MT/MLU	ALL
28V DC AIR VEHICLE BUS NO. 4	11- 24- 54- 03- 01	W	RNVCOM	ALL
28V DC MISSION BUS NO. 5	11- 24- 54- 04- 01	X	MT/MLU	ALL
28V DC AIR VEHICLE BUS NO. 6	11- 24- 54- 05- 01	B		ALL
SATCOM DAMA ATO				
28V DC MISSION BUS N° 6	11- 24- 54- 06- 01	AA	DAMA	ALL
28V DC AIR VEHICLE BUS NO. 8 DISTRIBUTION NO. 1	11- 24- 54- 07- 01	W	RNVCOM	ALL

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■ 28V DC BATTERY BUS	11- 24- 54- 09- 01	C	MT/MLU	ALL
28V DC EMERGENCY BUS	11- 24- 54- 10- 01	S	ACAS/IFF 017	ALL
28V DC HOT BATTERY BUS	11- 24- 54- 11- 01	N	E3F- SL- 24- 10	ALL
115V AC AND 28V DC AIR VEHICLE FLIGHT AVIONICS BUS NO. 1	11- 24- 58- 01- 01	W	RNVCOM	ALL
115V AC AND 28V DC AIR VEHICLE FLIGHT AVIONICS BUS NO. 2	11- 24- 58- 02- 01	W	RNVCOM	ALL
ELECTRICAL POWER SYSTEM SIMPLIFIED SCHEMATIC	12- 24- 00- 00- 01	A		ALL
SWITCH LIGHT AND ANNUNCIATOR INTERNAL SCHEMATIC	12- 24- 00- 01- 01	A		ALL
CSD CONTROL AND REAL LOAD DIVISION (GENERATORS NO. 1 THRU NO. 4) SCHEMATIC	12- 24- 10- 00- 01	C		ALL
CSD CONTROL AND REAL LOAD DIVISION (GENERATORS NO. 5 THRU NO. 8) SCHEMATIC	12- 24- 10- 01- 01	A		ALL
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VOLTAGE REGULATOR AND REACTIVE LOAD DIVISION GENERATORS 5, 6, 7 AND 8 SCHEMATIC	12- 24- 20- 02- 01	A		ALL
APU GENERATOR CONTROL SCHEMATIC	12- 24- 20- 04- 01	C		ALL
GENERATOR (NO. 1 THRU NO. 4) CONTROL AND PROTECTION SCHEMATIC	12- 24- 21- 01- 01	C		ALL
GENERATOR (NO. 5 THRU NO. 8) CONTROL AND PROTECTION SCHEMATIC	12- 24- 21- 02- 01	C		ALL
GENERATOR (NO. 1 THRU NO. 4) CIRCUIT BREAKER CONTROL SCHEMATIC	12- 24- 22- 01- 01	A		ALL
GENERATOR (NO. 5 THRU NO. 8) CIRCUIT BREAKER CONTROL SCHEMATIC	12- 24- 22- 02- 01	A		ALL
APU BREAKER CONTROL SCHEMATIC	12- 24- 22- 03- 01	A		ALL
BUS TIE BREAKER CONTROL (NO. 1 THRU NO. 4) SCHEMATIC	12- 24- 22- 04- 01	A		ALL
BUS TIE BREAKER CONTROL (NO. 5 THRU NO. 8) SCHEMATIC	12- 24- 22- 05- 01	A		ALL

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SYNC BUS DIFFERENTIAL PROTECTION SYSTEM SIMPLIFIED SCHEMATIC	12-24-23-00-01	A		ALL
MAINTENANCE ANNUNCIATOR SYSTEM SCHEMATIC	12-24-27-00-01	A		ALL
TRANSFORMER RECTIFIER UNITS AND DISTRIBUTION SCHEMATIC	12-24-30-01-01	A		ALL
TRANSFORMER RECTIFIER UNITS AND DISTRIBUTION SCHEMATIC	12-24-30-02-01	A		ALL
BATTERY/CHARGER DISTRIBUTION SCHEMATIC	12-24-30-03-01	A		ALL
INVERTER/EMERGENCY AC DISTRIBUTION SCHEMATIC	12-24-30-04-01	A		ALL
EXTERNAL POWER 1A AND 1B SYSTEM SCHEMATIC	12-24-40-01-01	G	ET 609	ALL
EXTERNAL POWER 2A AND 2B SYSTEM SCHEMATIC	12-24-40-02-01	A		ALL
ELECTRICAL POWER DISTRIBUTION SYSTEM SCHEMATIC	12-24-50-01-01	N	MT/MLU	ALL



TYPE: B.J. 1/18, 1/20, 1/21, 1/22
CHECK # 1441, W. Johnson 1/89 and 8/89

DATE DEC 15/89

CHANGE

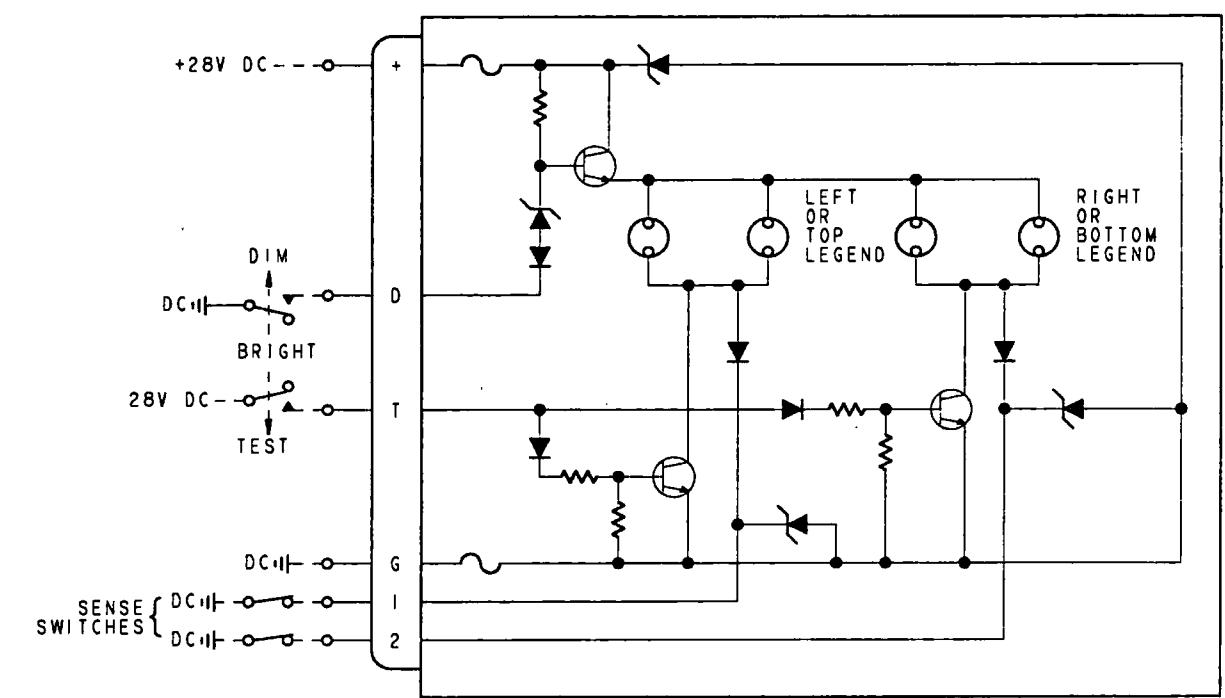
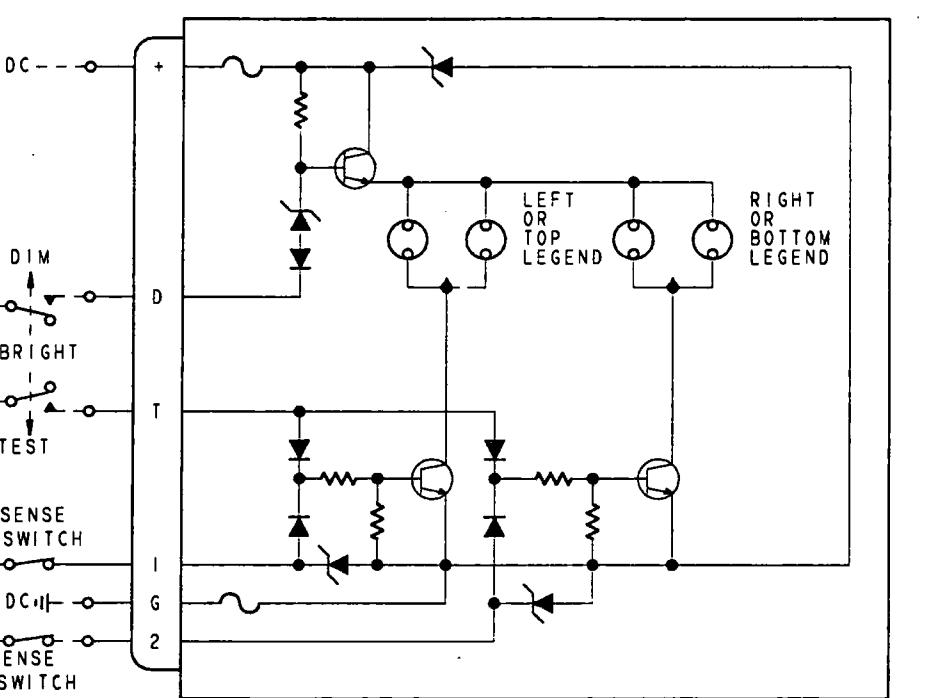
EFFECTIVITY ALL	TITLE ELECTRICAL POWER SYSTEM SIMPLIFIED SCHEMATIC			
DWG NO 572-05305	REVISION A	MODEL E - 3 A	CODE IDENT 81205	PAGE 12-24-00-00-01

28V DC POWER SENSING SWITCH LIGHTS AND ANNUNCIATORS

- + PROVIDES 28V DC LAMP POWER
- G PROVIDES CIRCUIT GROUND
- I APPLYING POWER TO THIS TERMINAL WILL CAUSE THE LEFT OR TOP LEGEND TO LIGHT (OR SINGLE LEGEND)
- 2 APPLYING POWER TO THIS TERMINAL WILL CAUSE THE RIGHT OR BOTTOM LEGEND TO LIGHT (NON-EXISTENT ON SINGLE LEGEND UNITS)
- D GROUNDING THIS TERMINAL WILL DIM ANY LAMPS THAT ARE LIGHTED (REDUCES LAMP VOLTAGE TO A REGULATED 12V DC)
- T APPLYING POWER TO THIS TERMINAL WILL CAUSE LEGENDS TO LIGHT

GROUND SENSING SWITCH LIGHTS AND ANNUNCIATORS

- + PROVIDES 28V DC LAMP POWER
- G PROVIDES CIRCUIT GROUND
- I GROUNDING THIS TERMINAL WILL CAUSE THE LEFT OR TOP LEGEND TO LIGHT (OR SINGLE LEGEND)
- 2 GROUNDING THIS TERMINAL WILL CAUSE THE RIGHT OR BOTTOM LEGEND TO LIGHT (NON-EXISTENT ON SINGLE LEGEND UNITS)
- D GROUNDING THIS TERMINAL WILL DIM ANY LAMPS THAT ARE LIGHTED (REDUCES LAMP VOLTAGE TO A REGULATED 12V DC)
- T APPLYING POWER TO THIS TERMINAL WILL CAUSE LEGENDS TO LIGHT

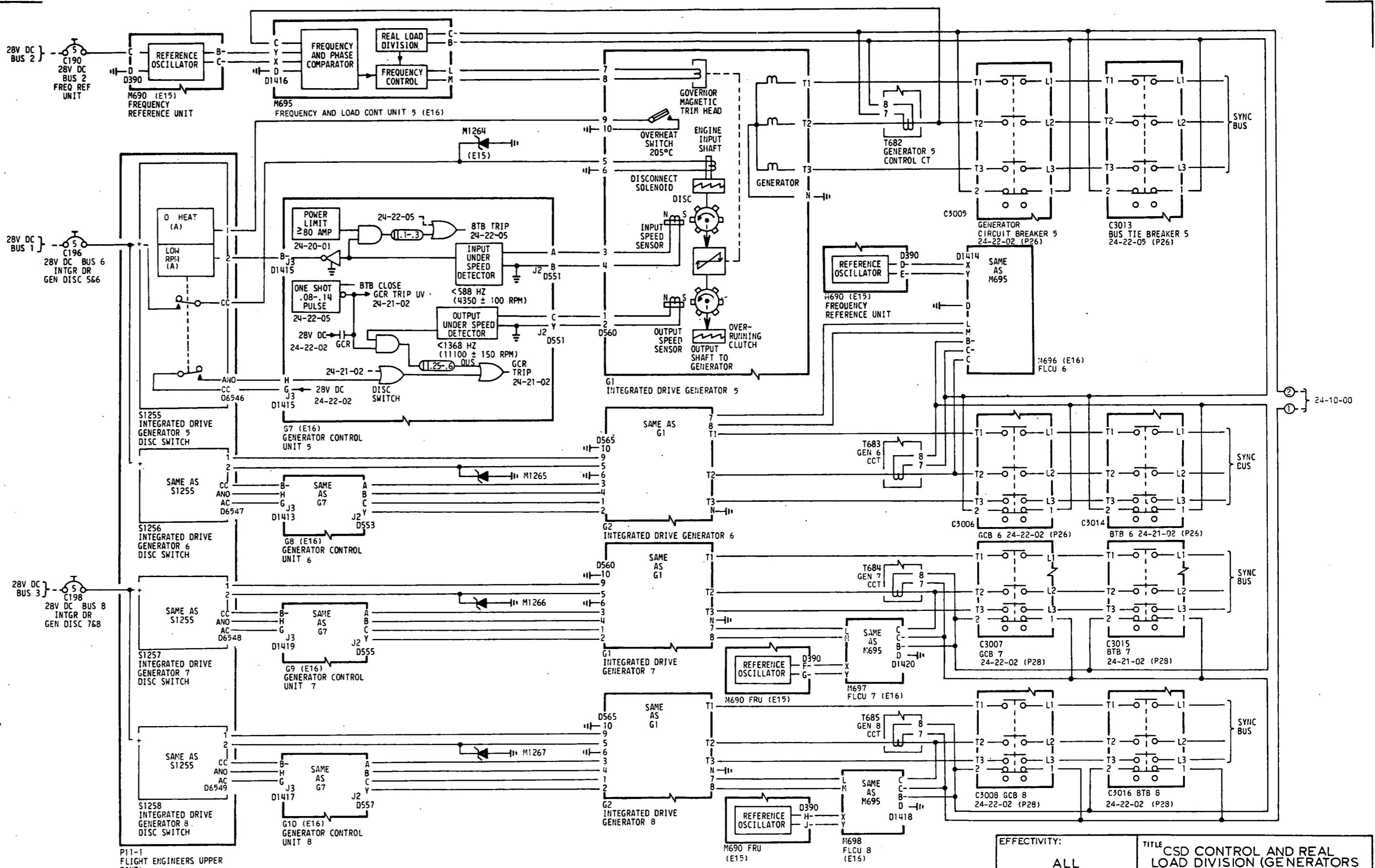


DRAFT: TERRY SACKETT 7/7/89
TYPE: ETS 9/22/89
CHECK: KAN MILBURN

DATE: DEC 15/89

CHANGE: NEW

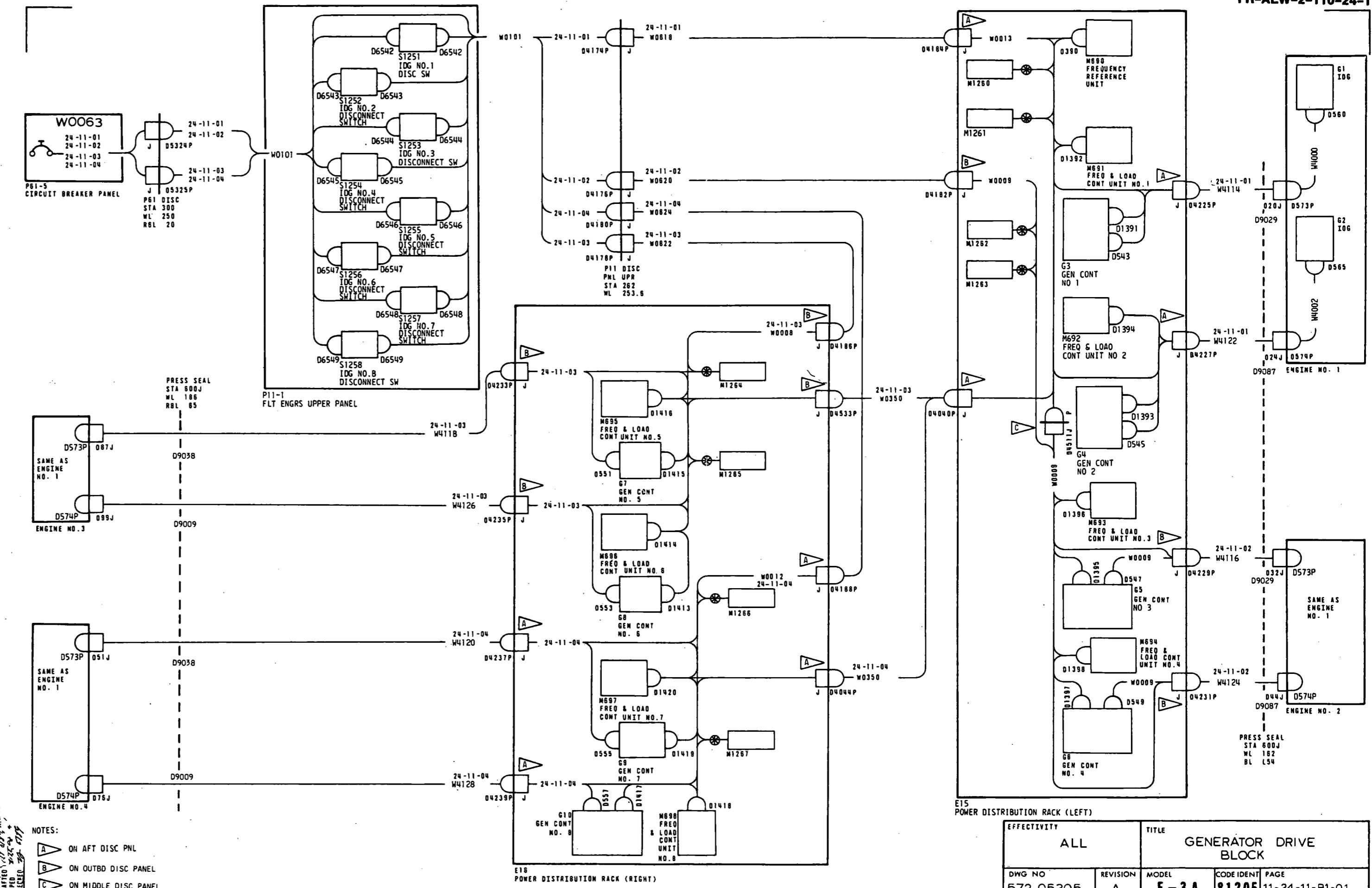
EFFECTIVITY:		TITLE	
ALL		SWITCH LIGHT AND ANNUNCIATOR INTERNAL SCHEMATIC	
DWG NO	REVISION	MODEL	CODE IDENT PAGE
572-05305	A	E-3	81205 12-24-00-01-01

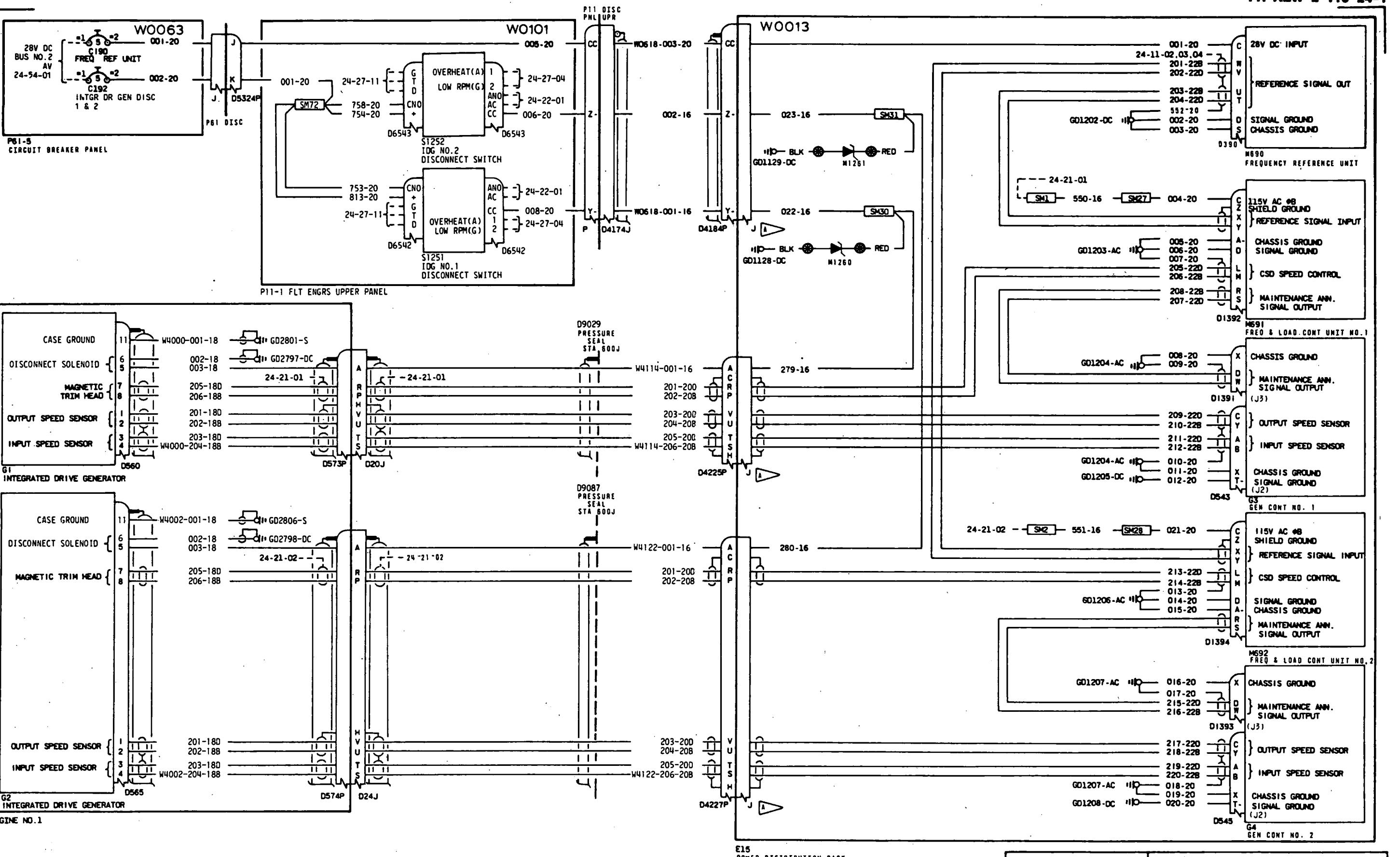


卷之三

EC 15/89

CHANGE



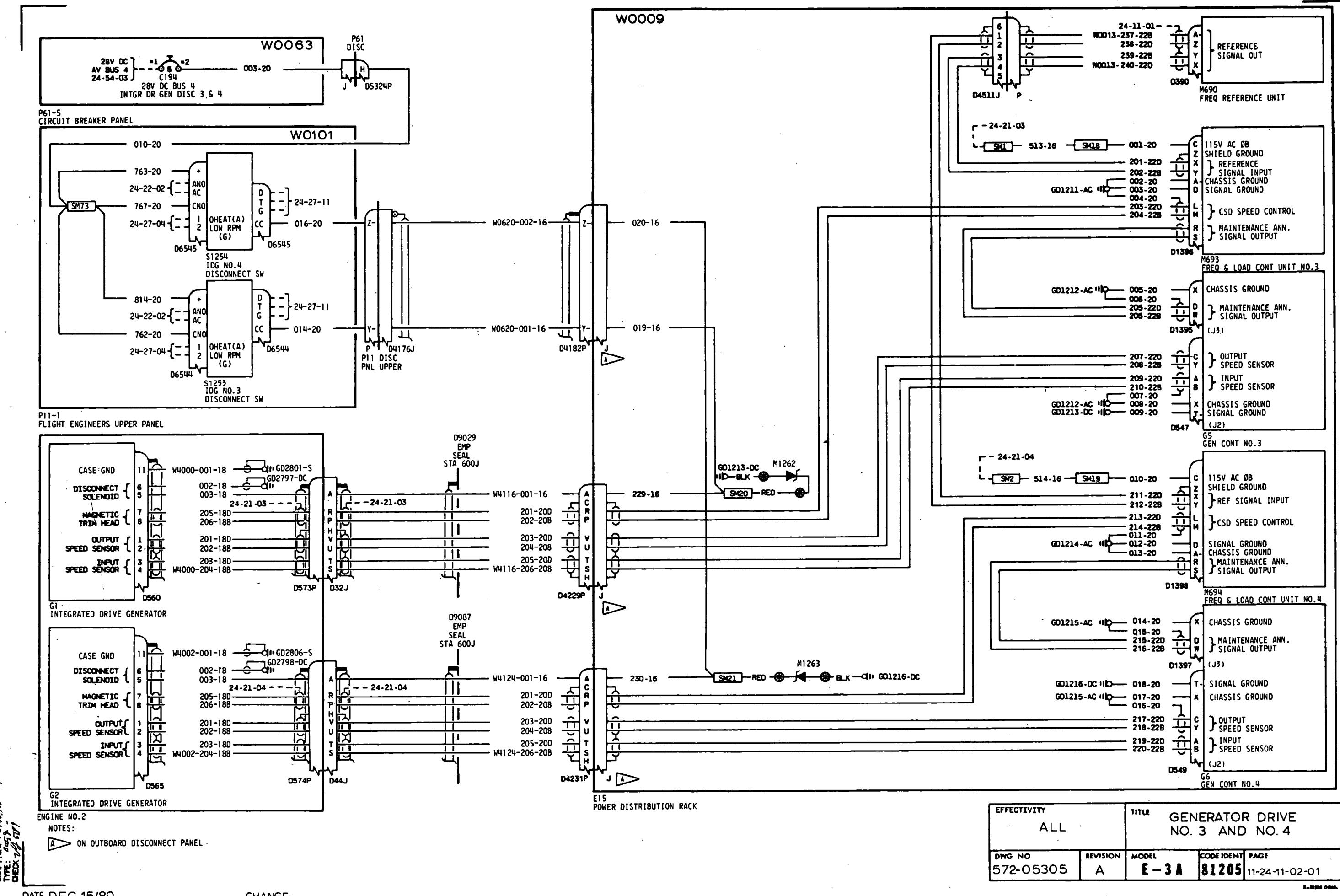


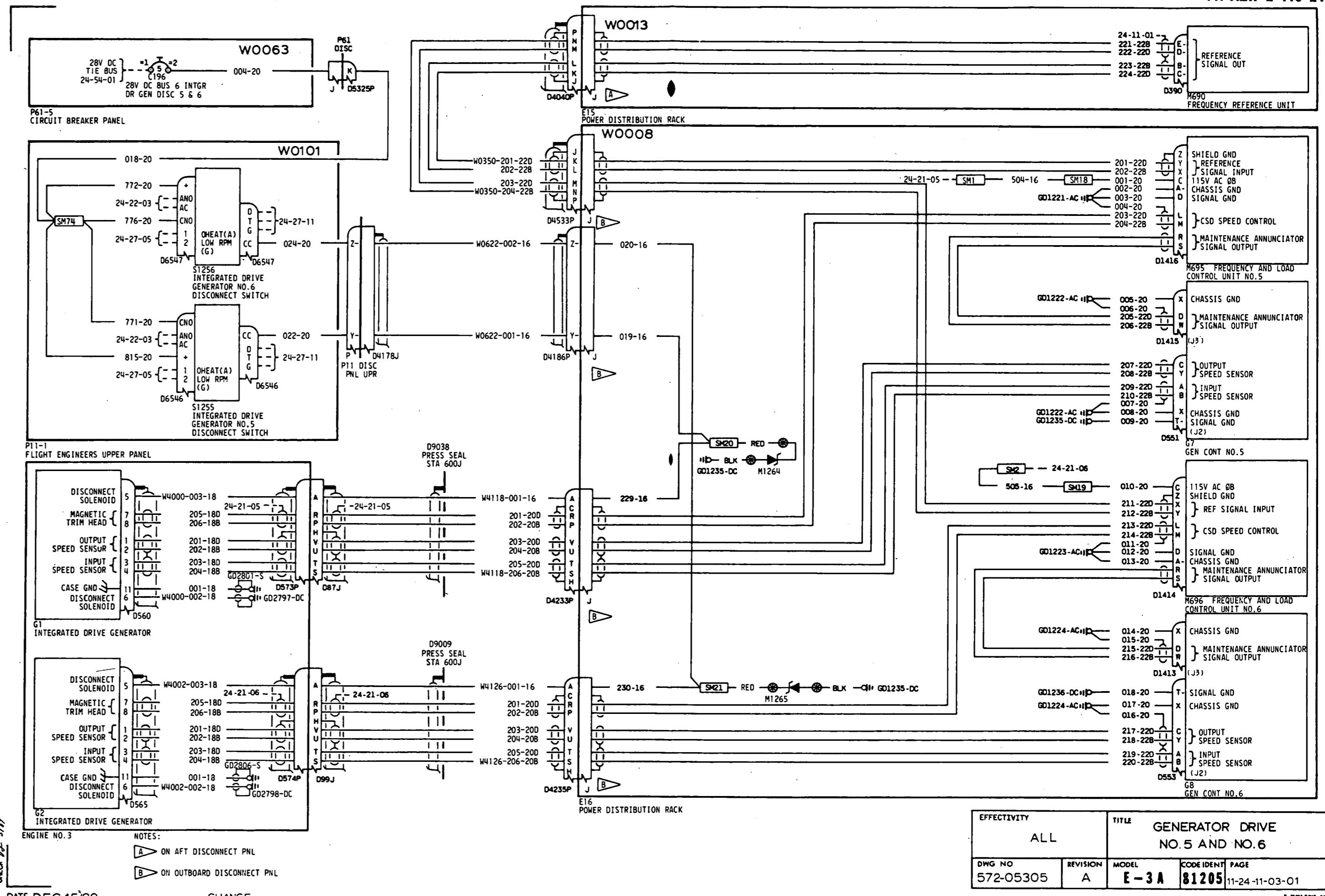
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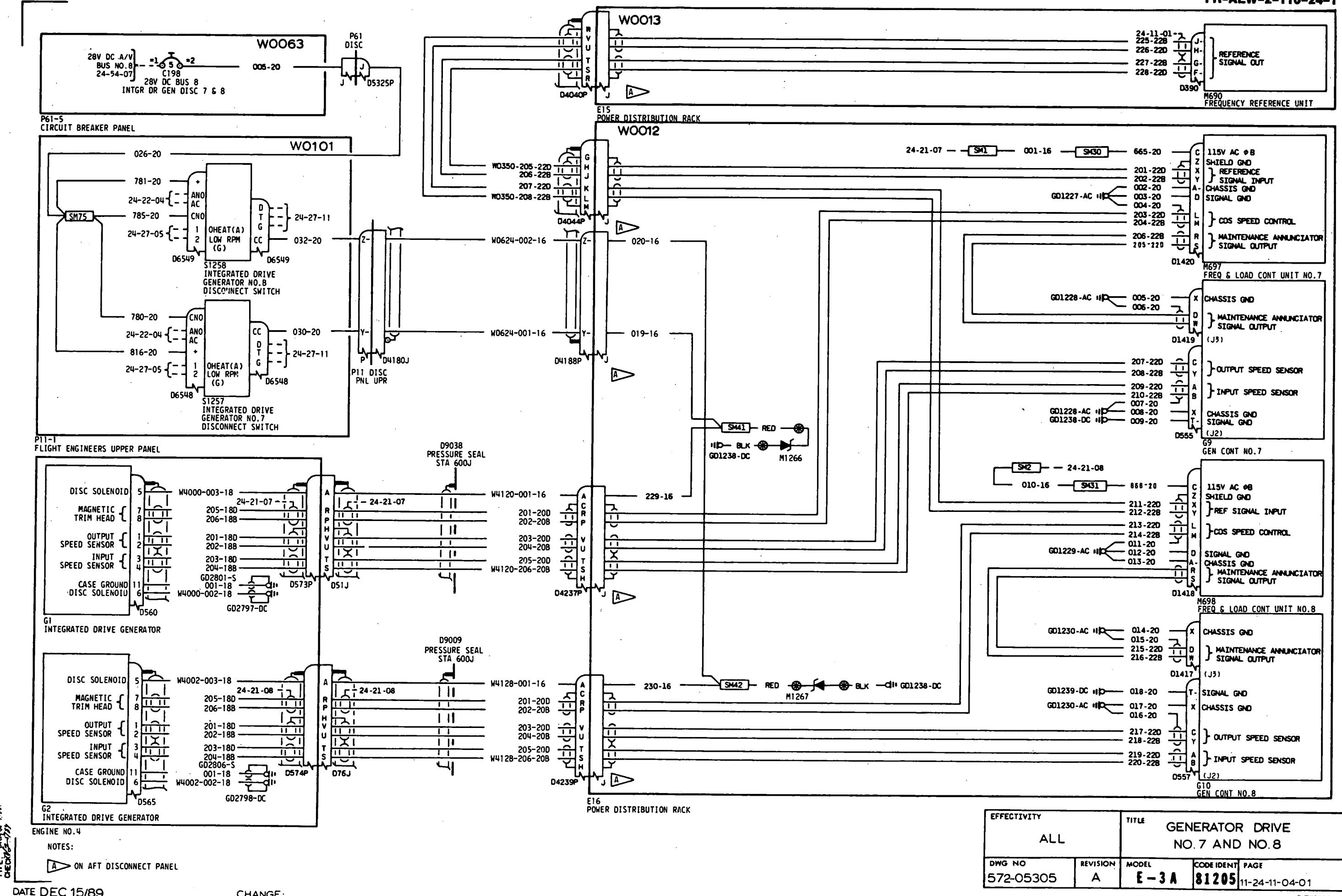
AFT DISC PNL

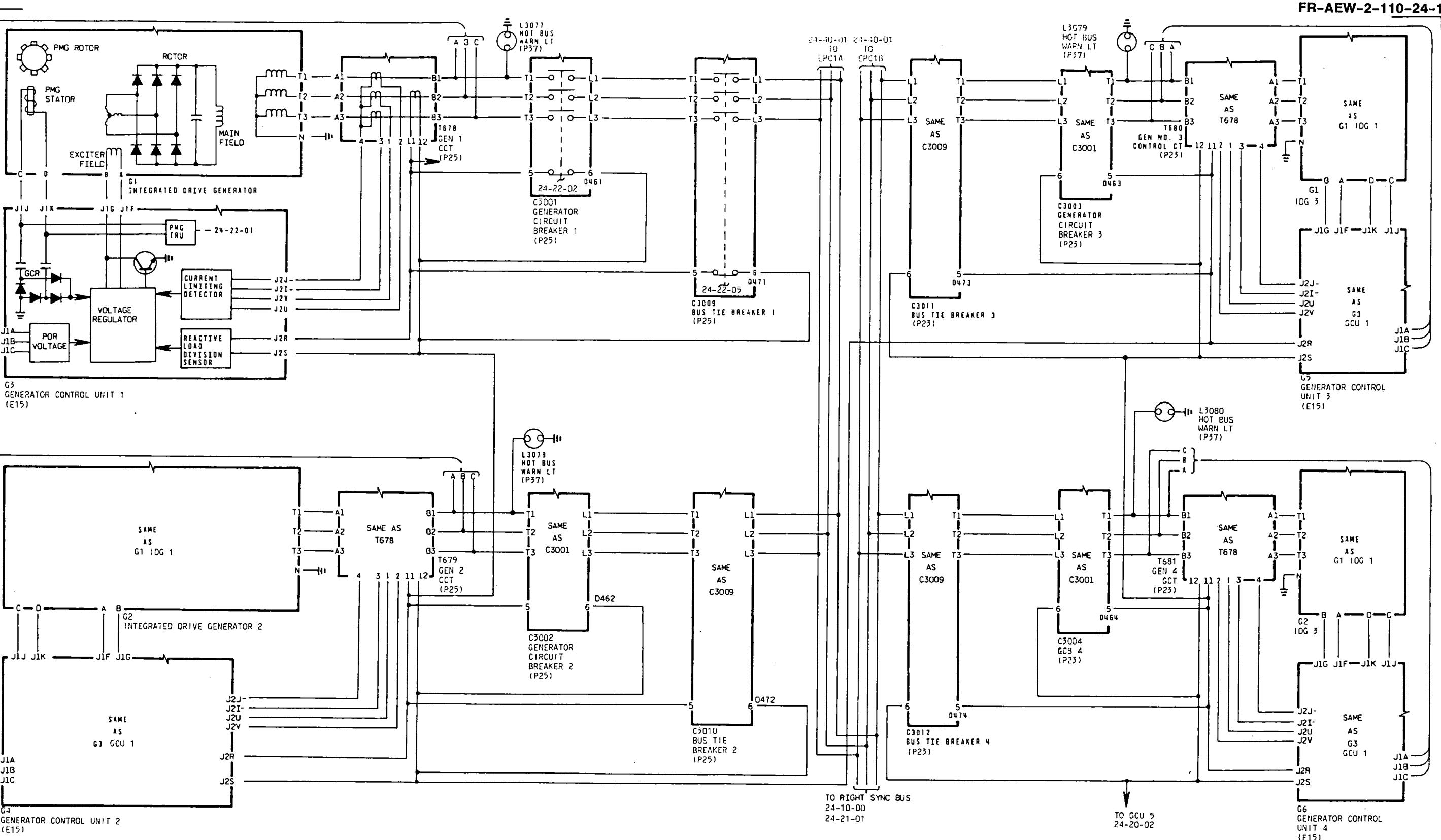
DATE DEC 15/89

CHANGE:

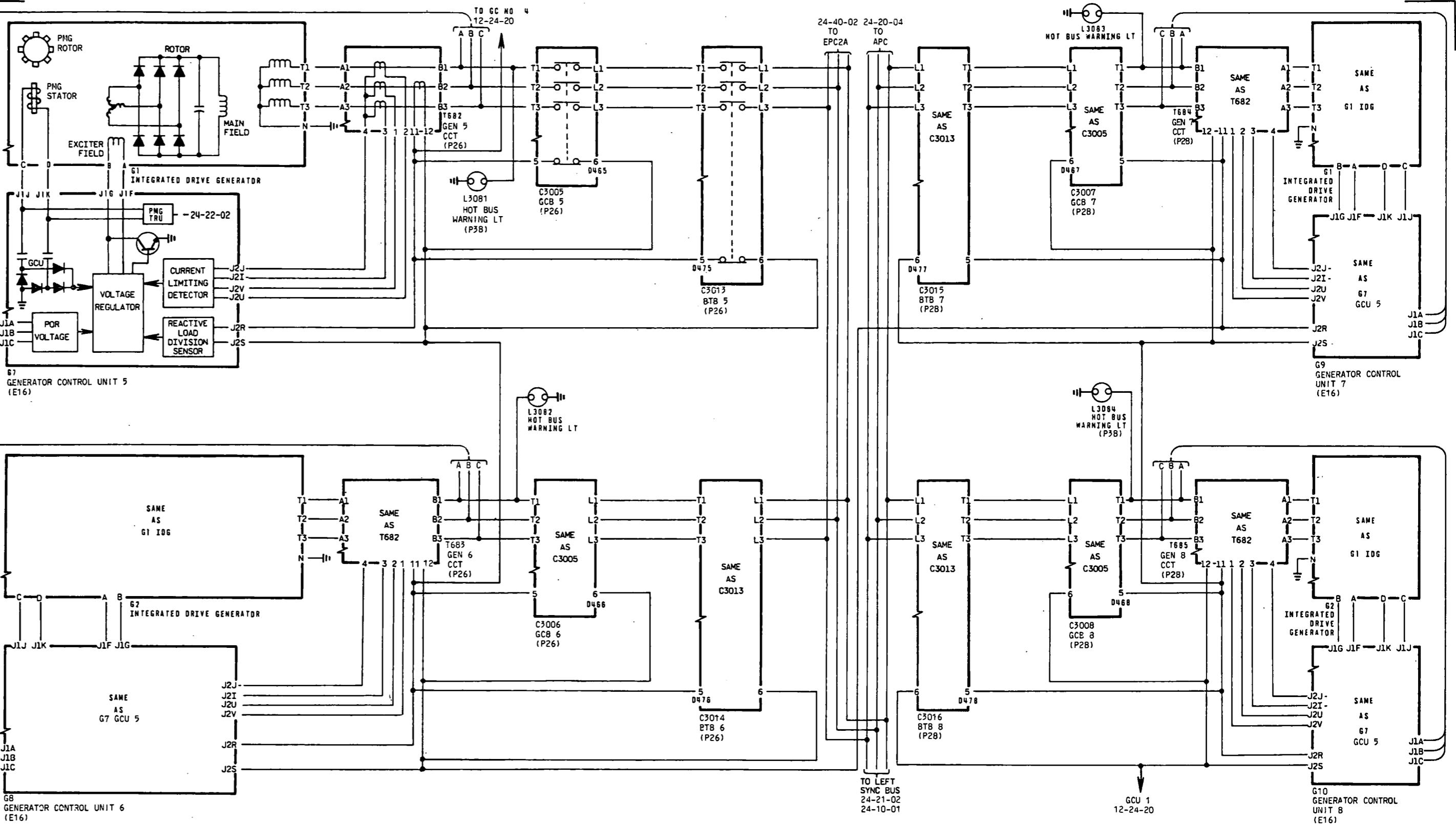






DRAFT 10/15/91 P/B 84-91, 1/1
TYPE 37/91 CHECK 10/15/91 P/B 84-91, 1/1

EFFECTIVITY		TITLE VOLTAGE REGULATOR AND REACTIVE LOAD DIVISION GENERATORS 1,2,3&4 SCHEMATIC		
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	C	E - 3 A	81205	12-24-20-01-01

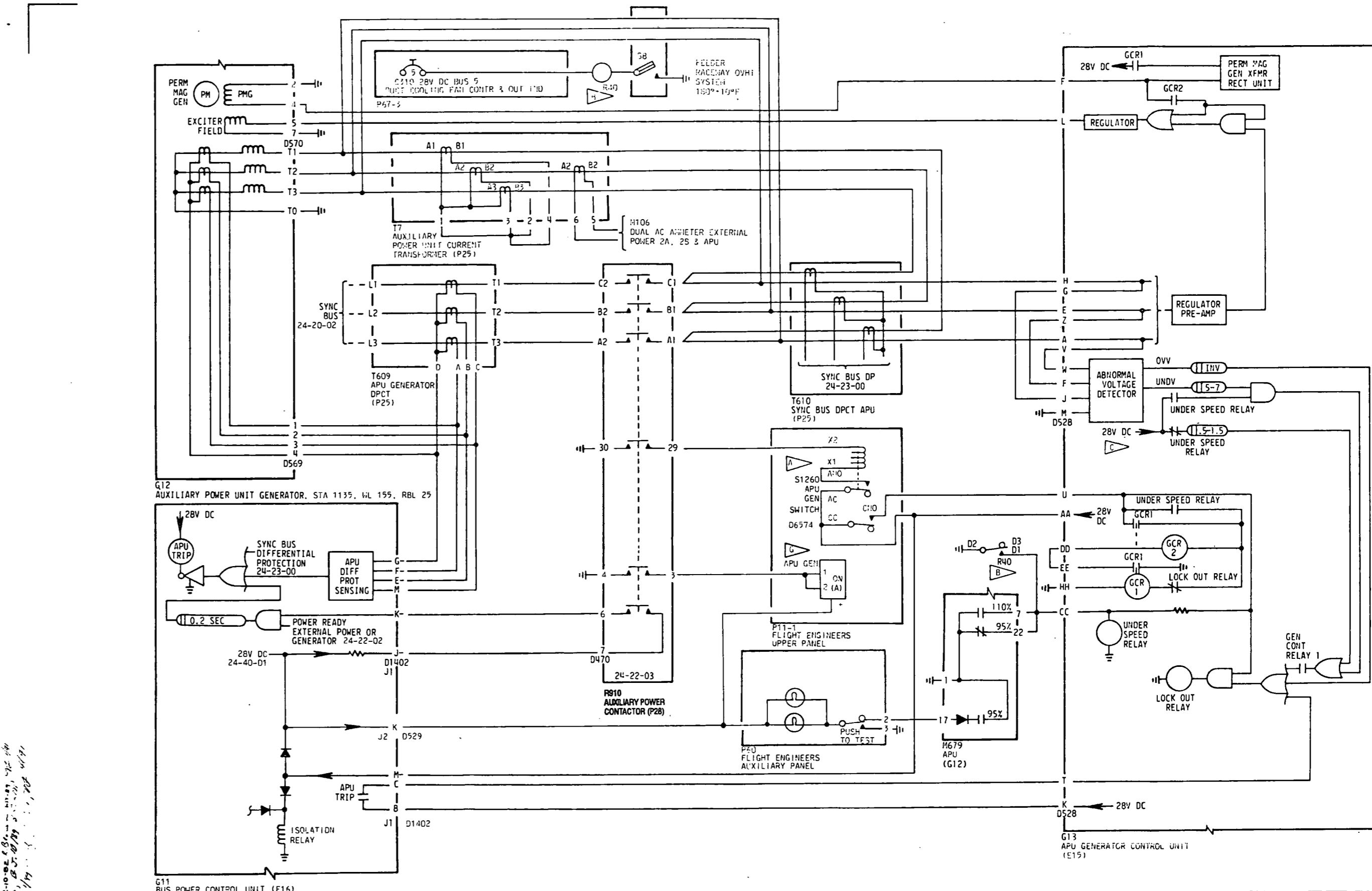
DRAFT: 00000000000000000000000000000000
TYPE: 00000000000000000000000000000000
CHECK: 00000000000000000000000000000000
REV: 00000000000000000000000000000000
DATE: 00000000000000000000000000000000

DATE DEC 15/89

CHANGE:

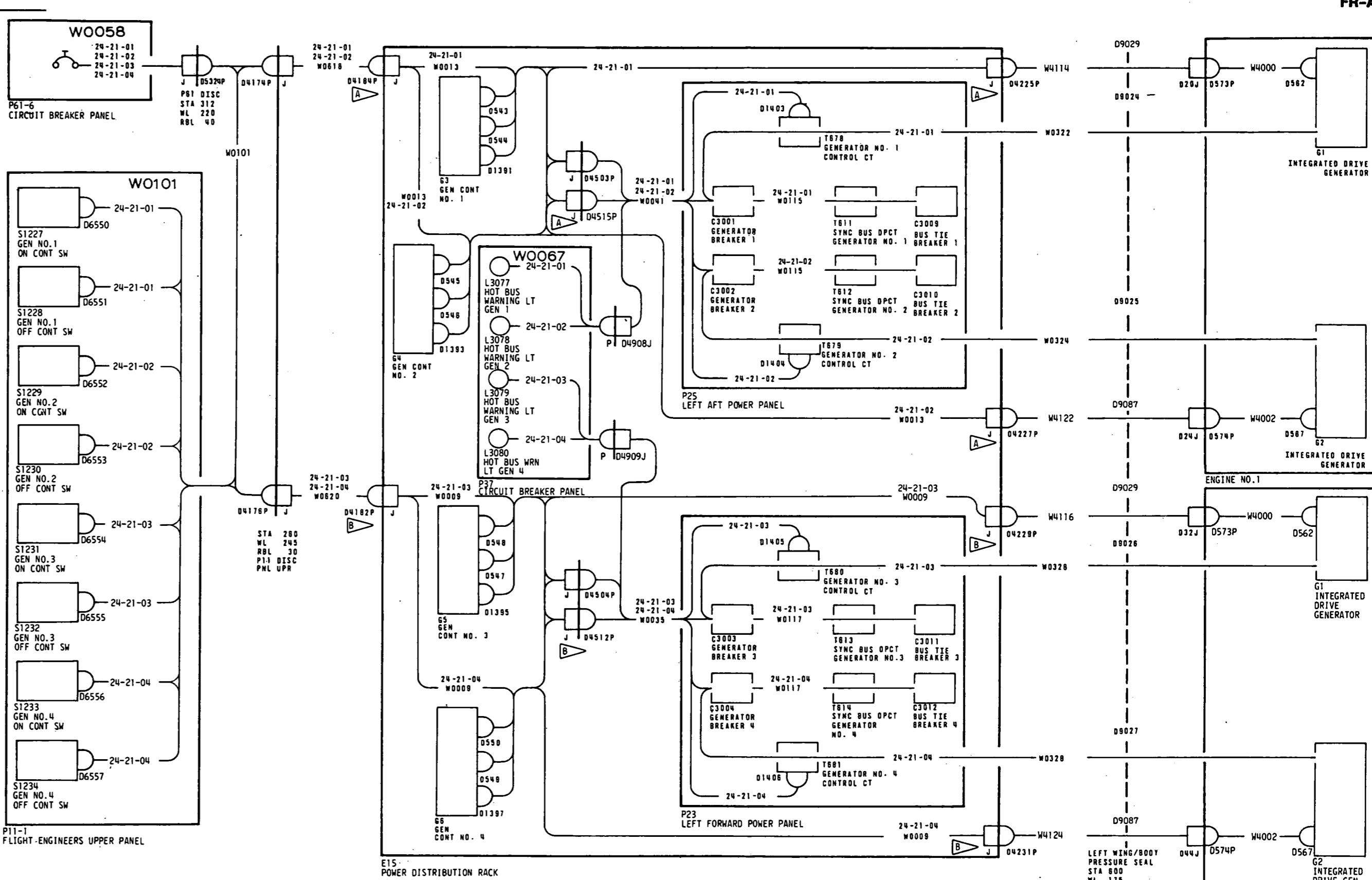
12-24-20-02-01

E-3003 ORIG. 3/73

DRAFT: BRADLEY 12-10-92 EDITION 3
TYPE: 3
CHECK: 1
DATE: SEP 15/91

CHANGE:

EFFECTIVITY:	TITLE		
ALL	APU GENERATOR CONTROL SCHEMATIC		
DWG NO 572-05305	REVISION C	MODEL E-3A	CODE IDENT 81205
PAGE 12-24-20-04-01			



NOTES:
 A E15 AFT DISCONNECT
 B E15 OUTBOARD DISCONNECT

DATE DEC 15/89

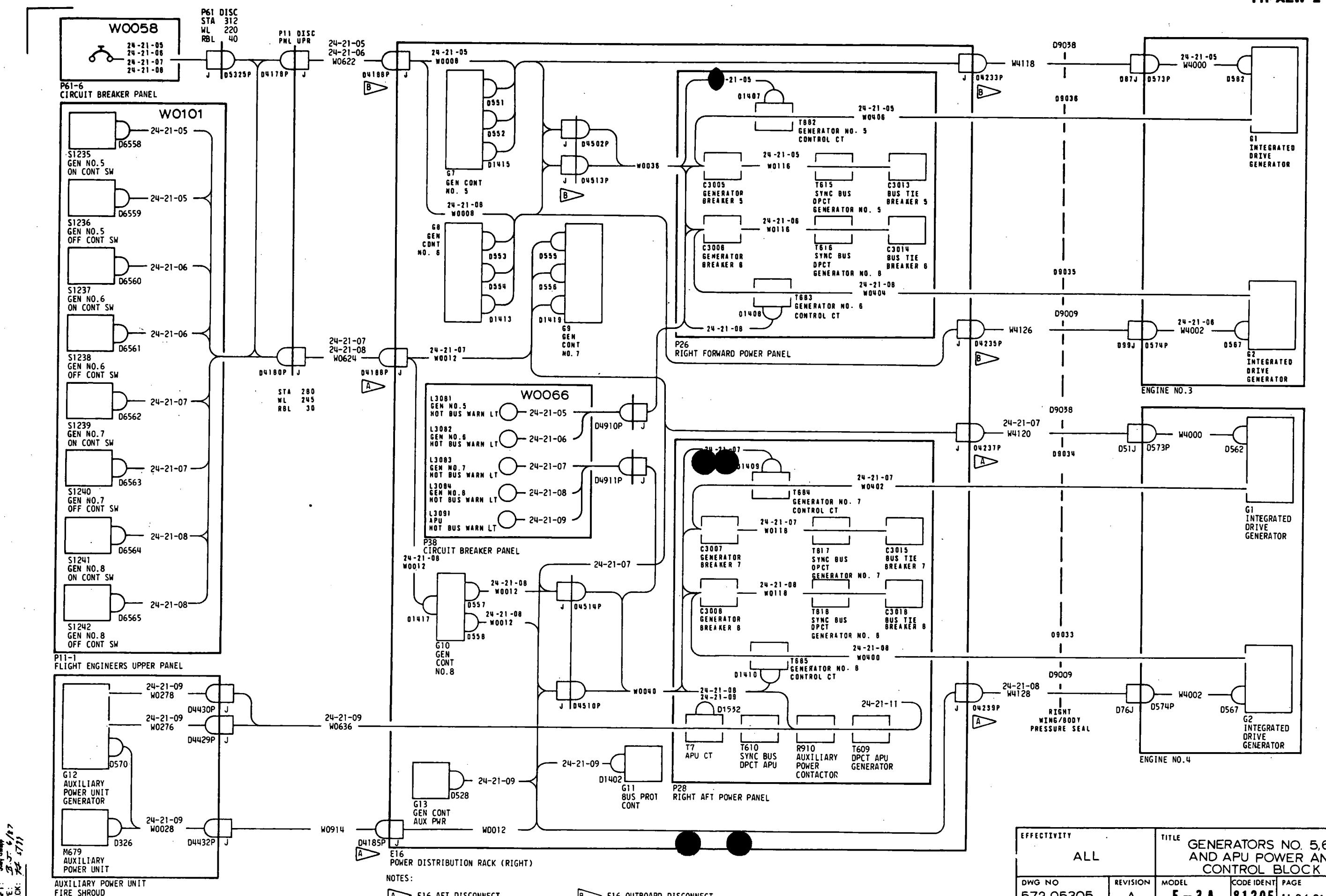
CHANGE

EFFECTIVITY	TITLE
ALL	GENERATORS NO. 1, 2, 3, AND 4 POWER AND CONTROL BLOCK
DWG NO	REVISION
572-05305	A

E - 3 A

81205

11-24-21-B1-01

DRAFT TYPE: 6/17
CHECK: 5/7/77

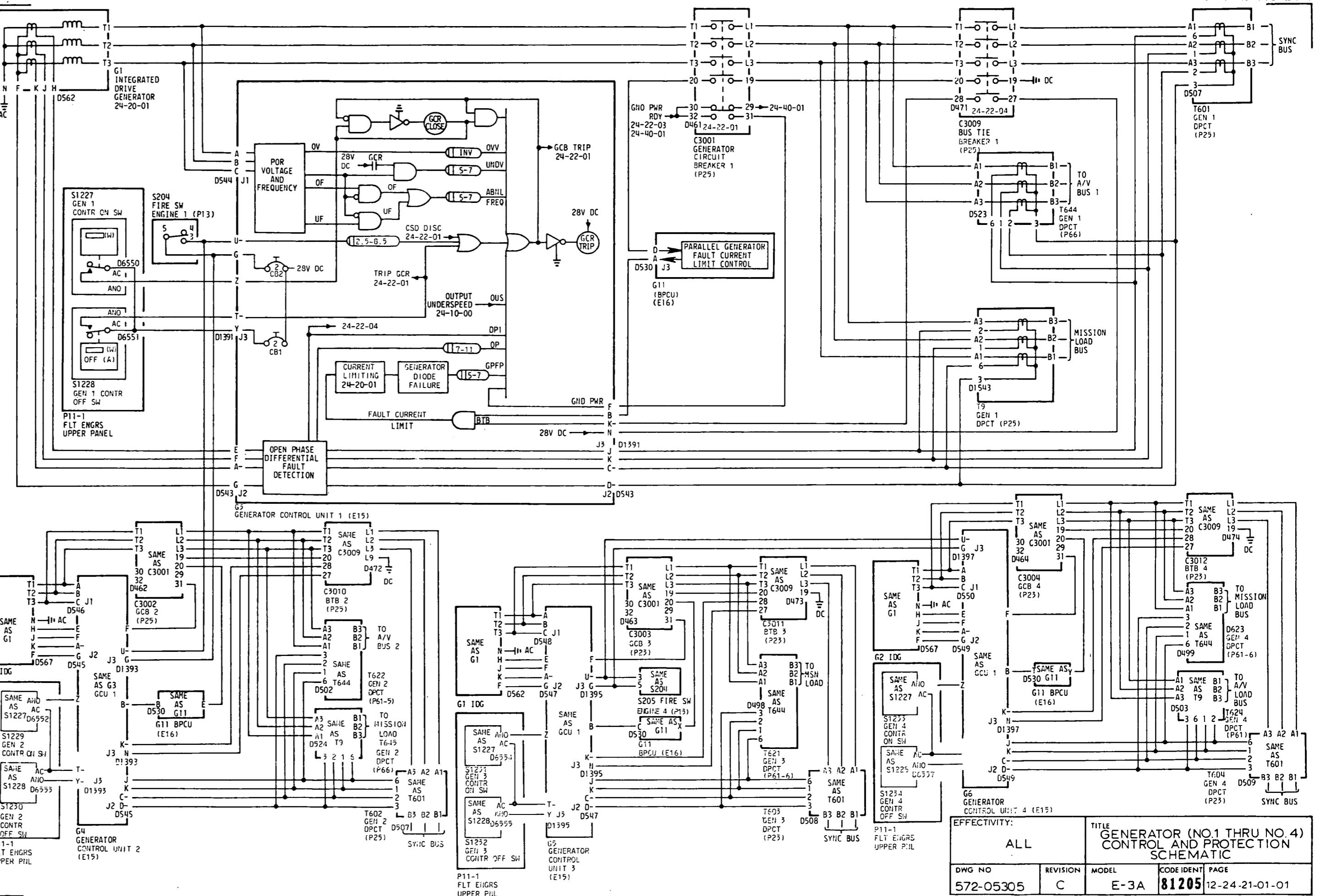
DATE: DEC 15/89

CHANGE:

NOTES:

A E16 AFT DISCONNECT

B E16 OUTBOARD DISCONNECT

DRAFT: 8/20/91
TYPE: 2-110-24-1
CHECK:

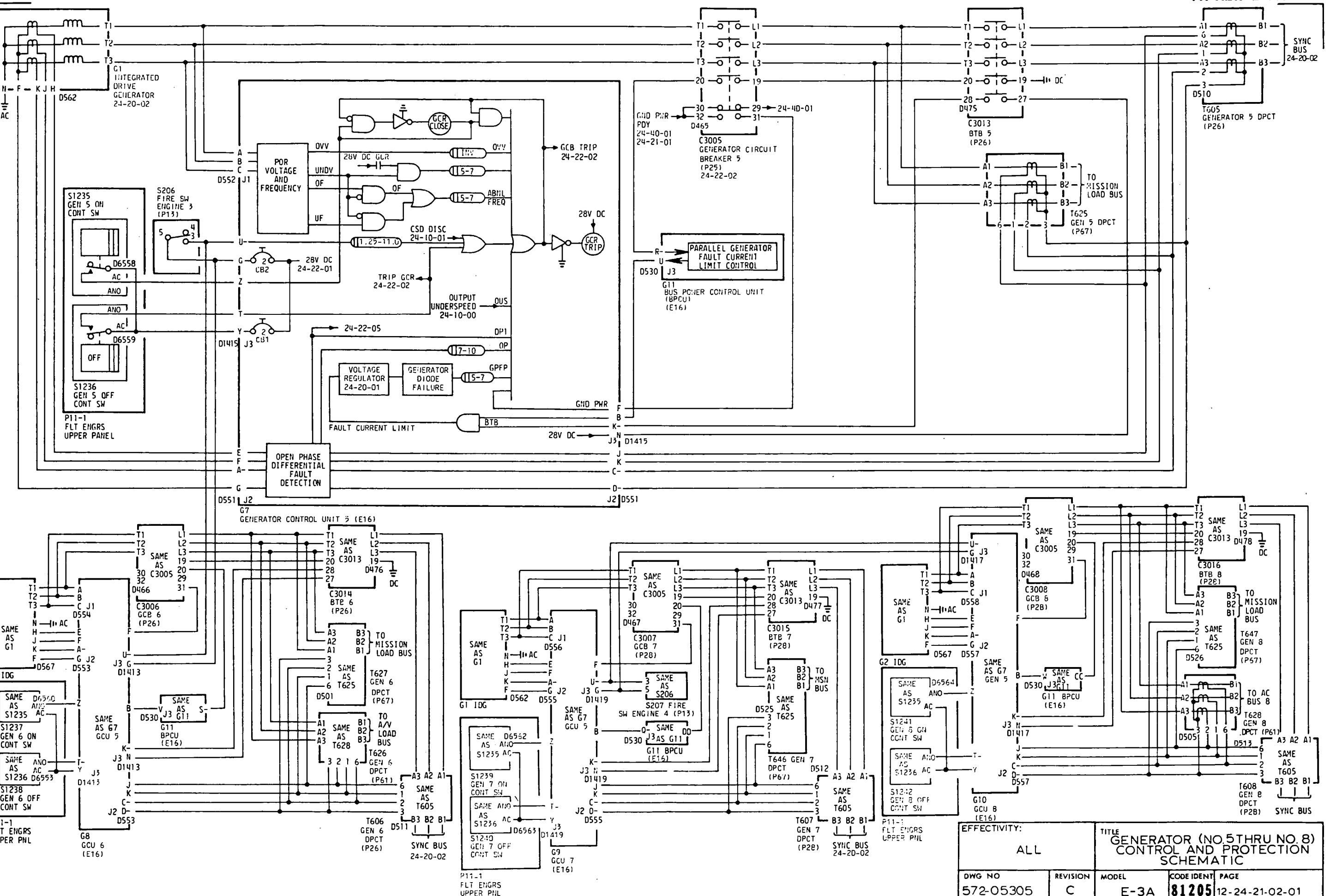
DATE: SEP 15/91

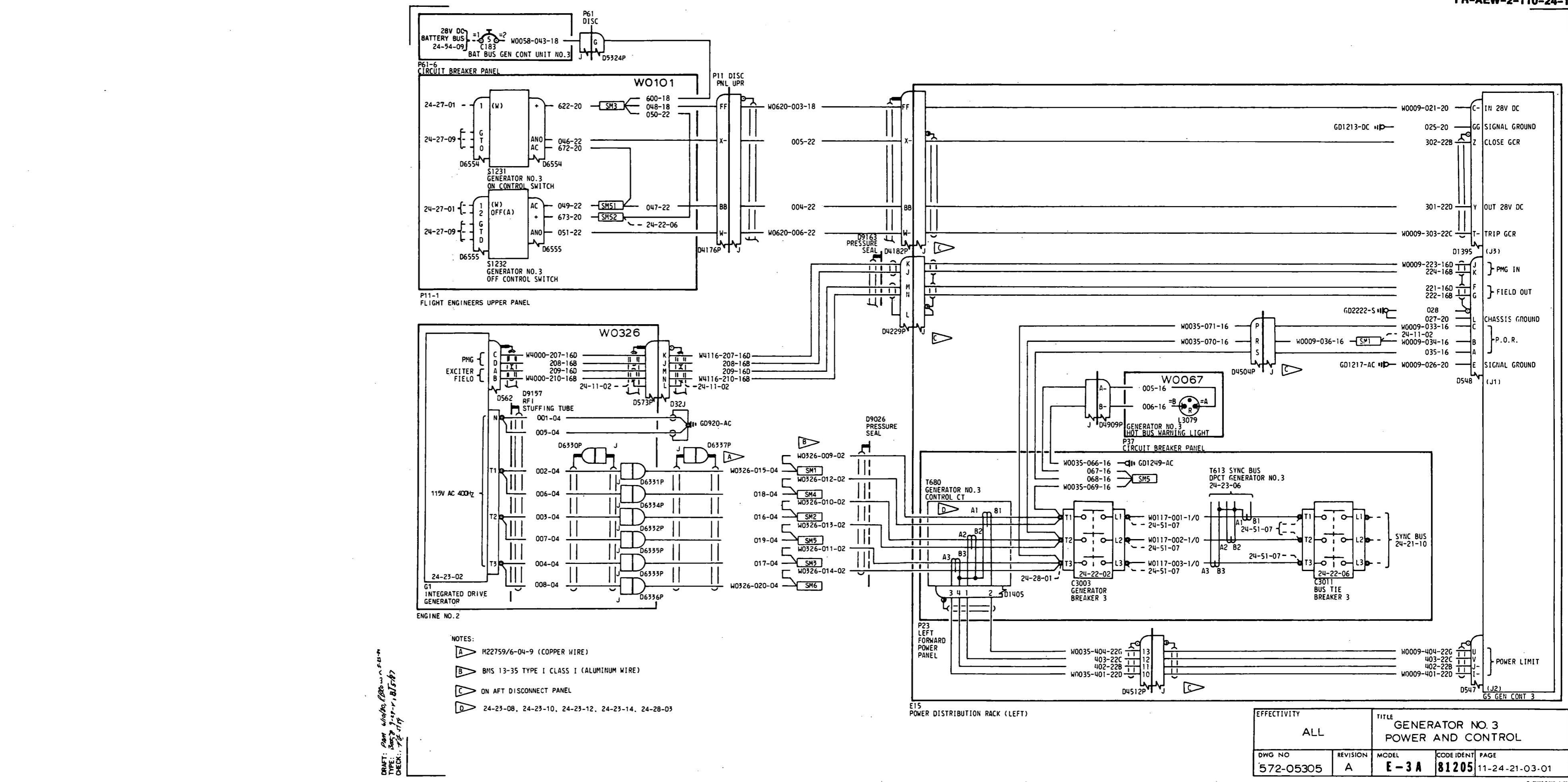
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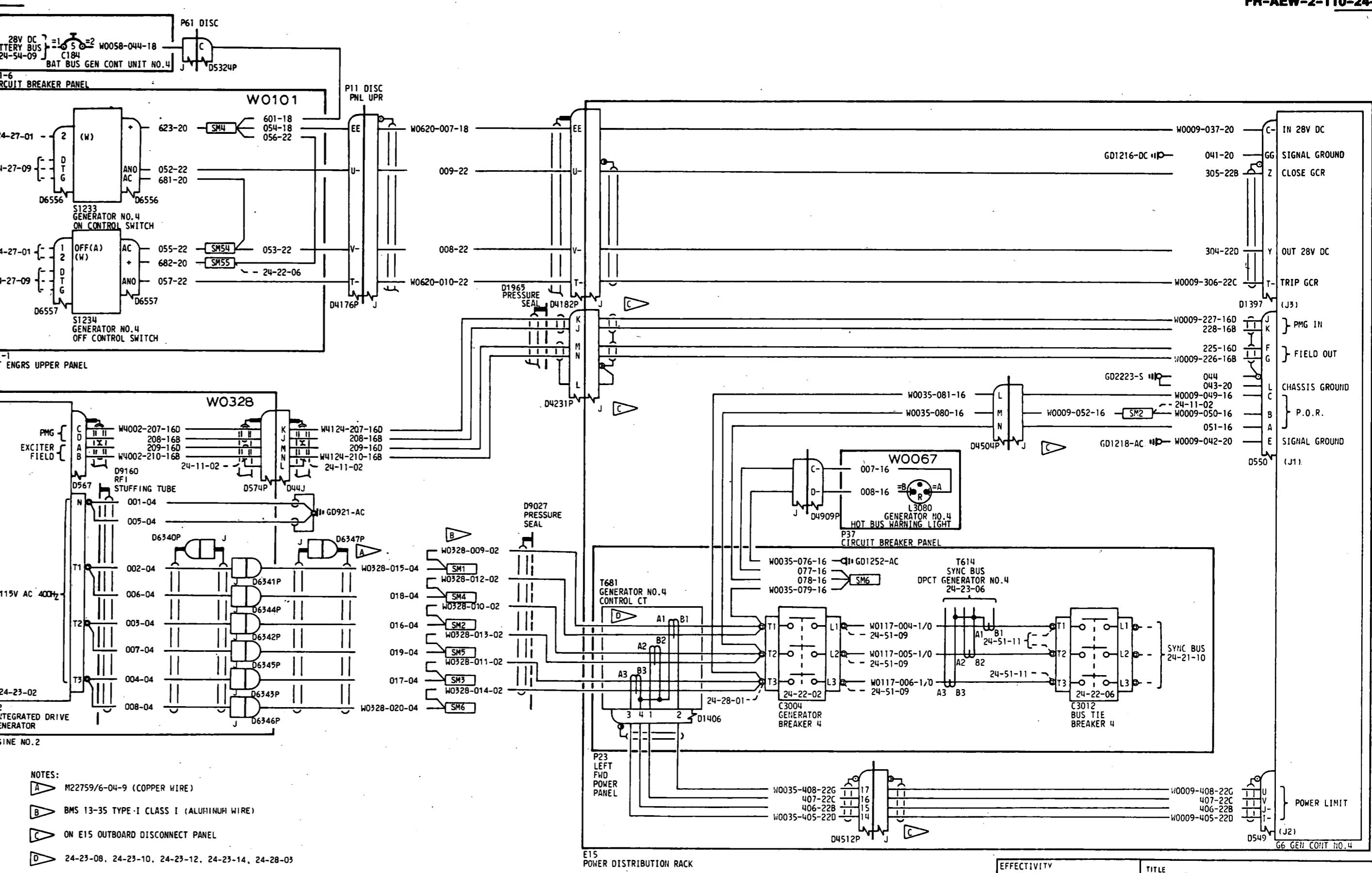
EFFECTIVITY:	ALL	TITLE: GENERATOR (NO.1 THRU NO.4) CONTROL AND PROTECTION SCHEMATIC
DWG NO	REVISION	MODEL

572-05305	C	E-3A	CODE IDENT	PAGE
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81205 12-24-21-01-01



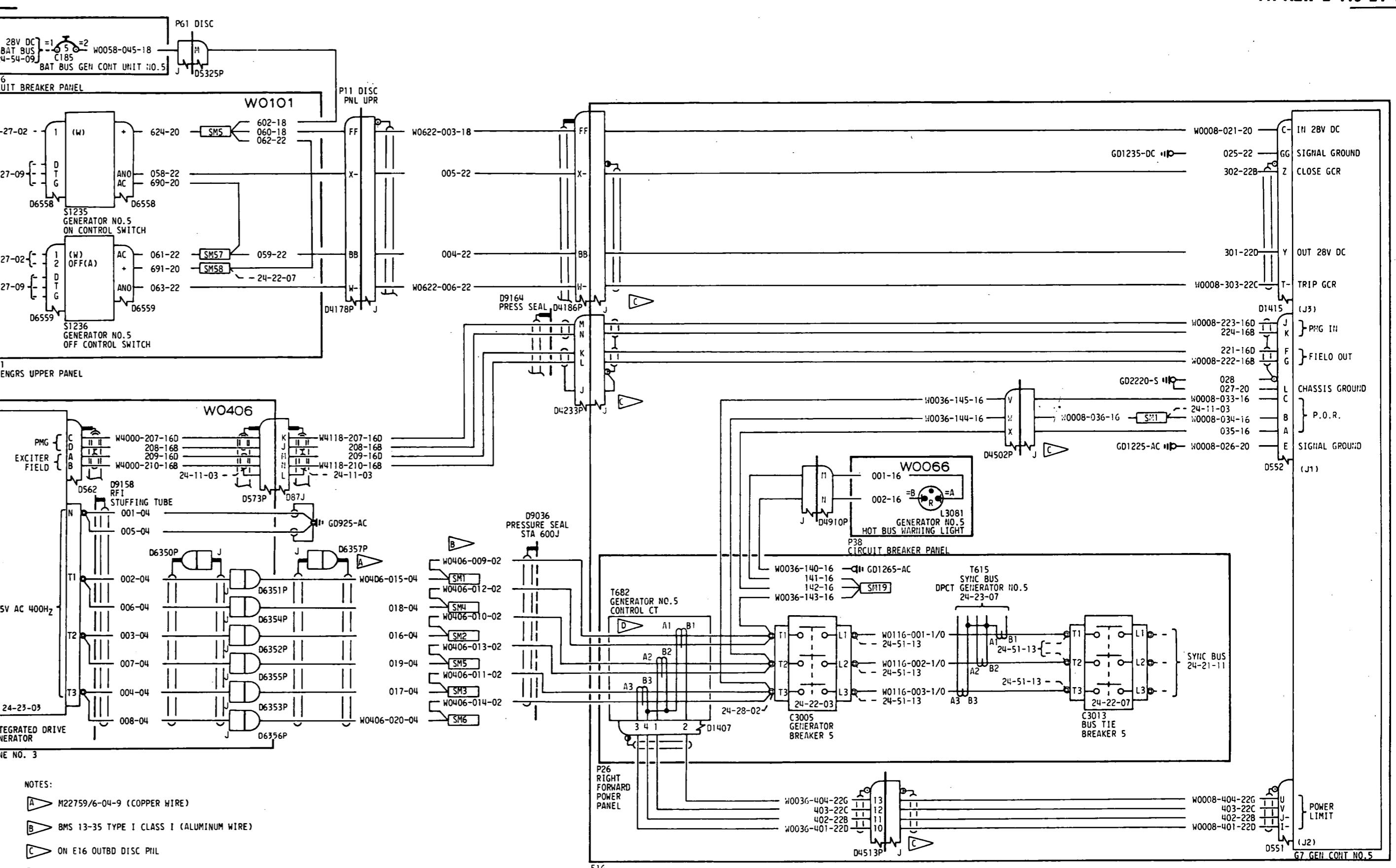




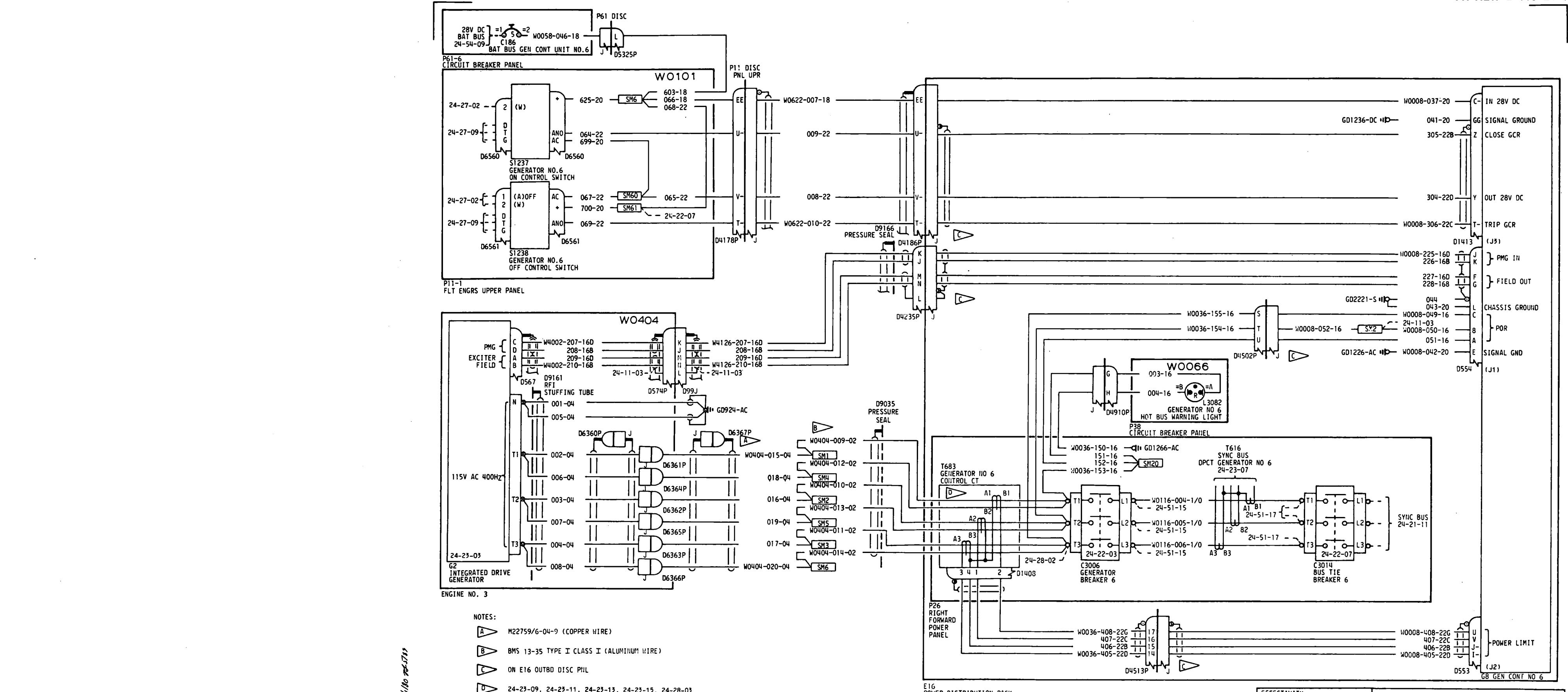
DATE: DEC 15/89

CHANGE:

EFFECTIVITY		TITLE	
ALL		GENERATOR NO 4 POWER AND CONTROL	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E - 3 A	81205
			11-24-21-04-01



EFFECTIVITY		TITLE	
ALL		GENERATOR NO 5 POWER AND CONTROL	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E - 3 A	81205



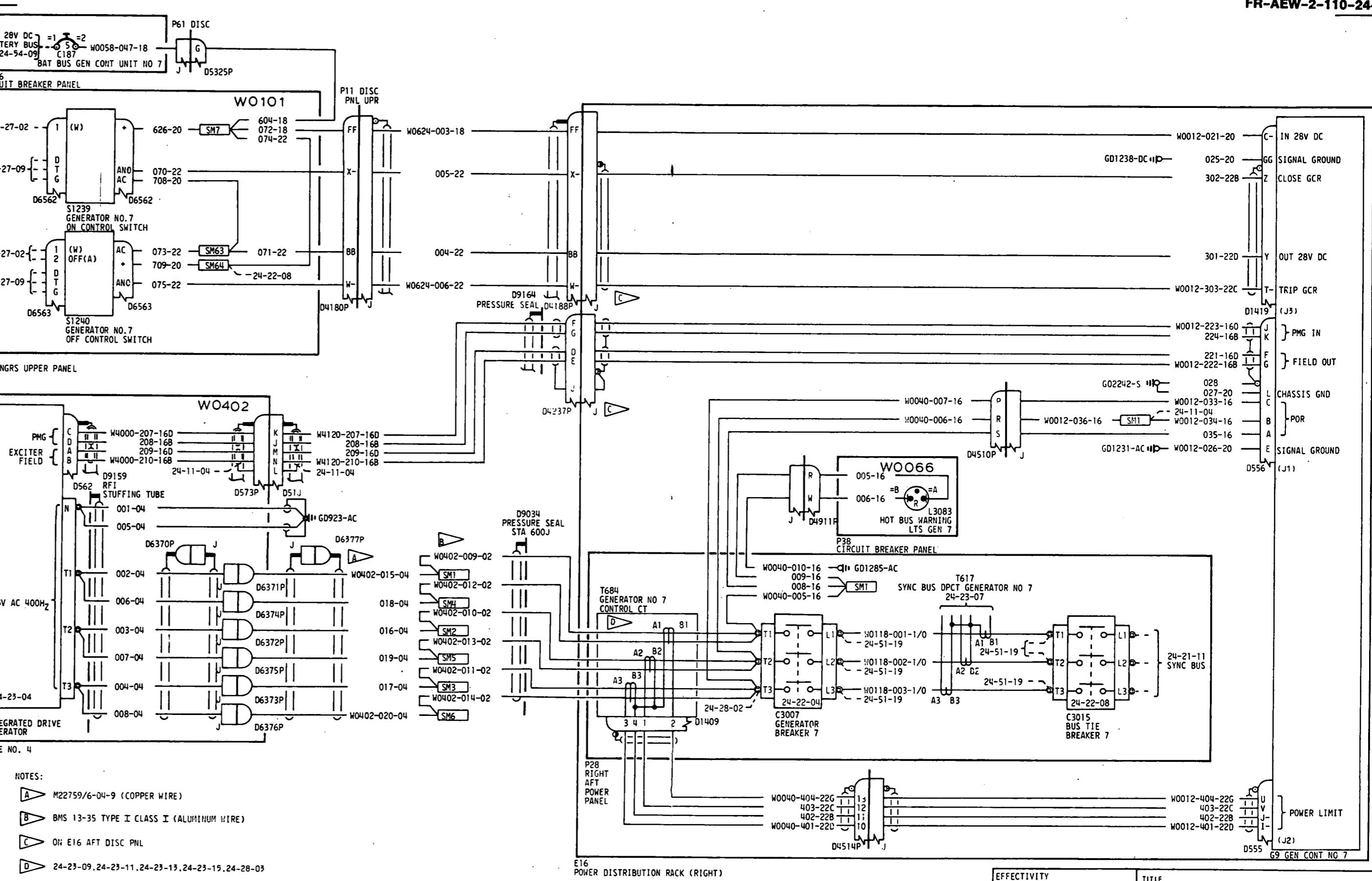
DRAFT: Rev. 7/1/80 P&I-1733

TYPE: CHECK 12/29/87

DATE: DEC 15/89

CHANGE:

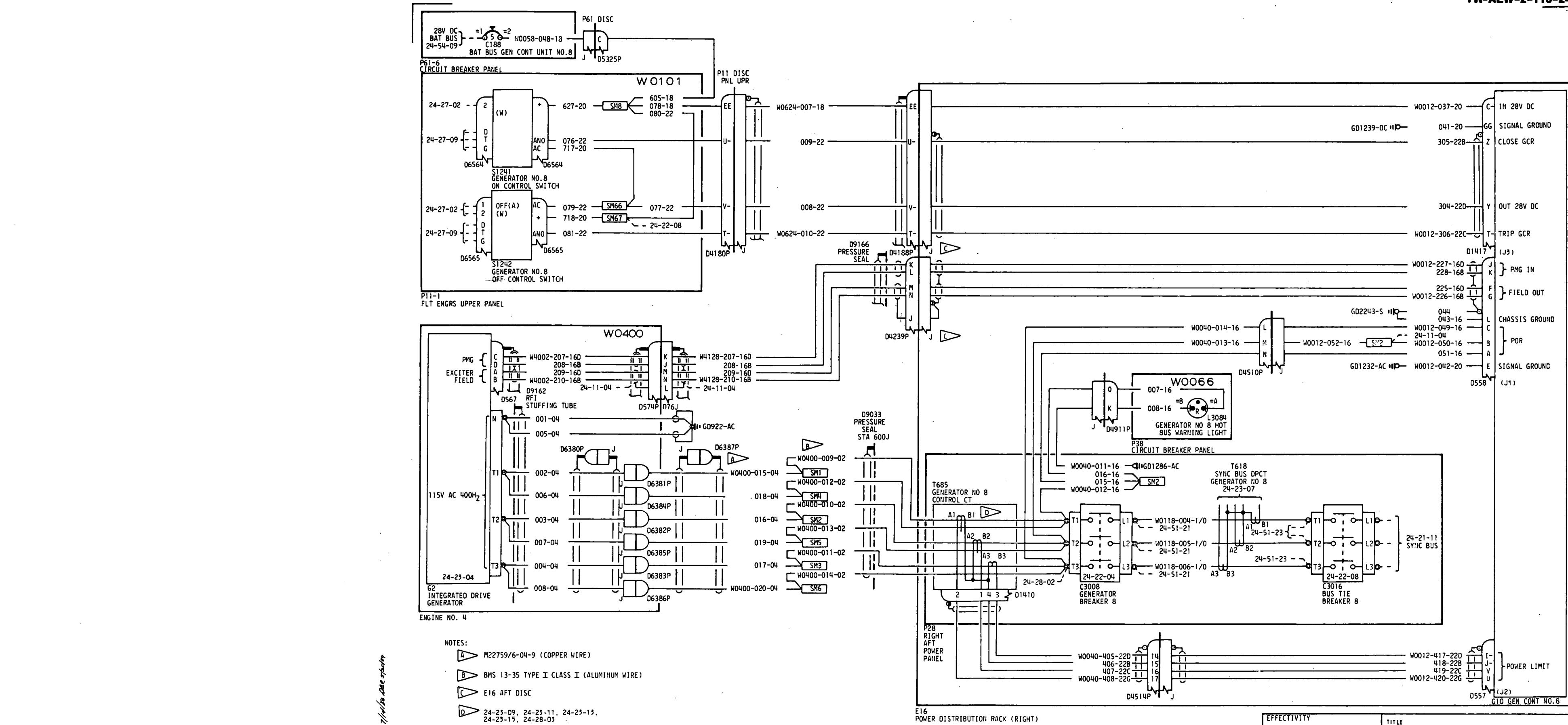
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ALL		GENERATOR NO. 6 POWER AND CONTROL	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E - 3 A	81205
			11-24-21-06-01



DATE: DEC 15/89

CHANGE:

EFFECTIVITY		TITLE	
ALL		GENERATOR NO. 7 POWER AND CONTROL	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205
			11-24-21-07-01



DRAFT: *Power distribution schematic*
TYPE: *Right aft power panel*
CHECK: *74-6711*

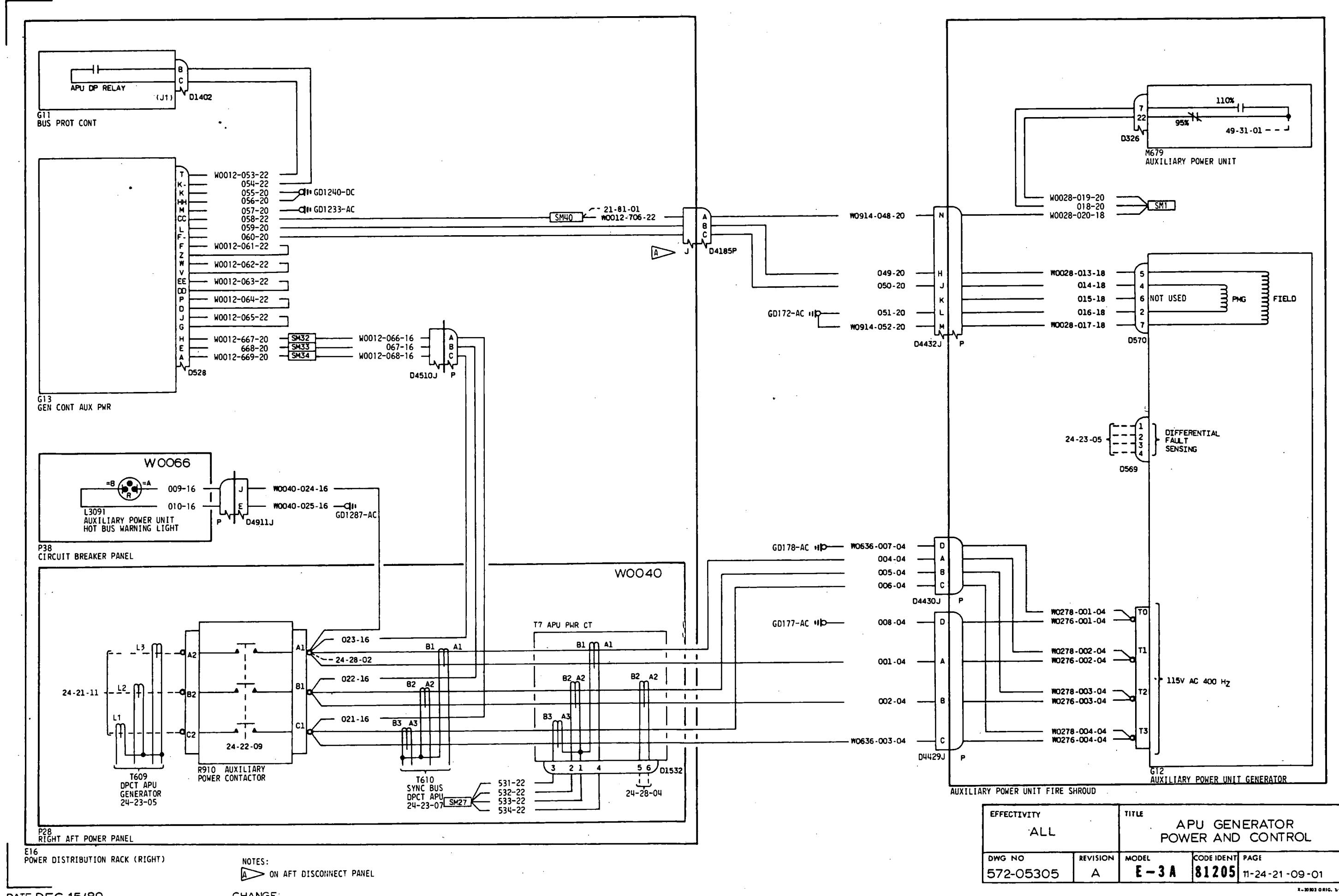
DATE: DEC 15/89

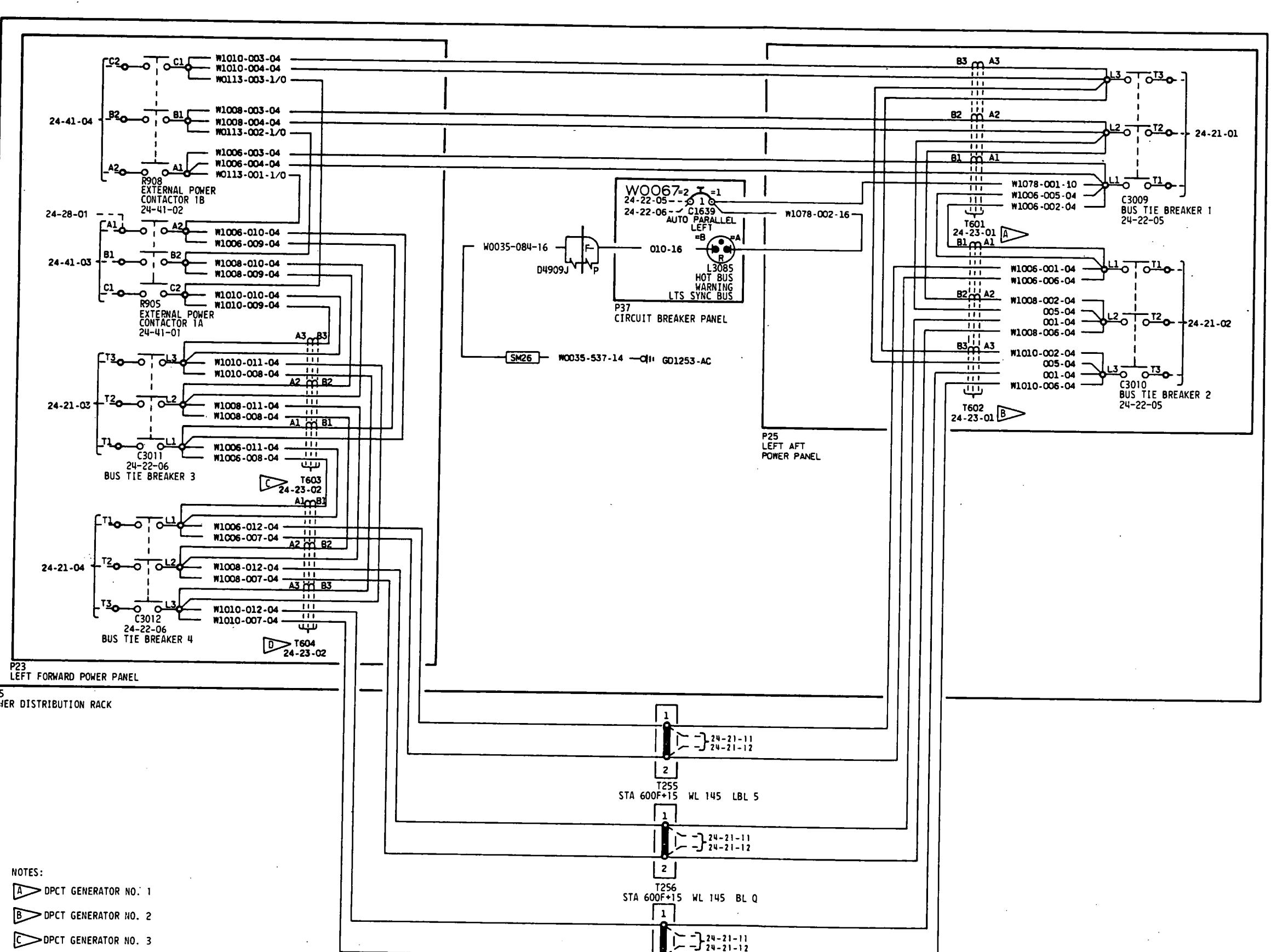
CHANGE:

EFFECTIVITY		TITLE	
ALL		GENERATOR NO. 8 POWER AND CONTROL	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205

PAGE 11-24-21-OB-01

X-20902 ORIG. 173



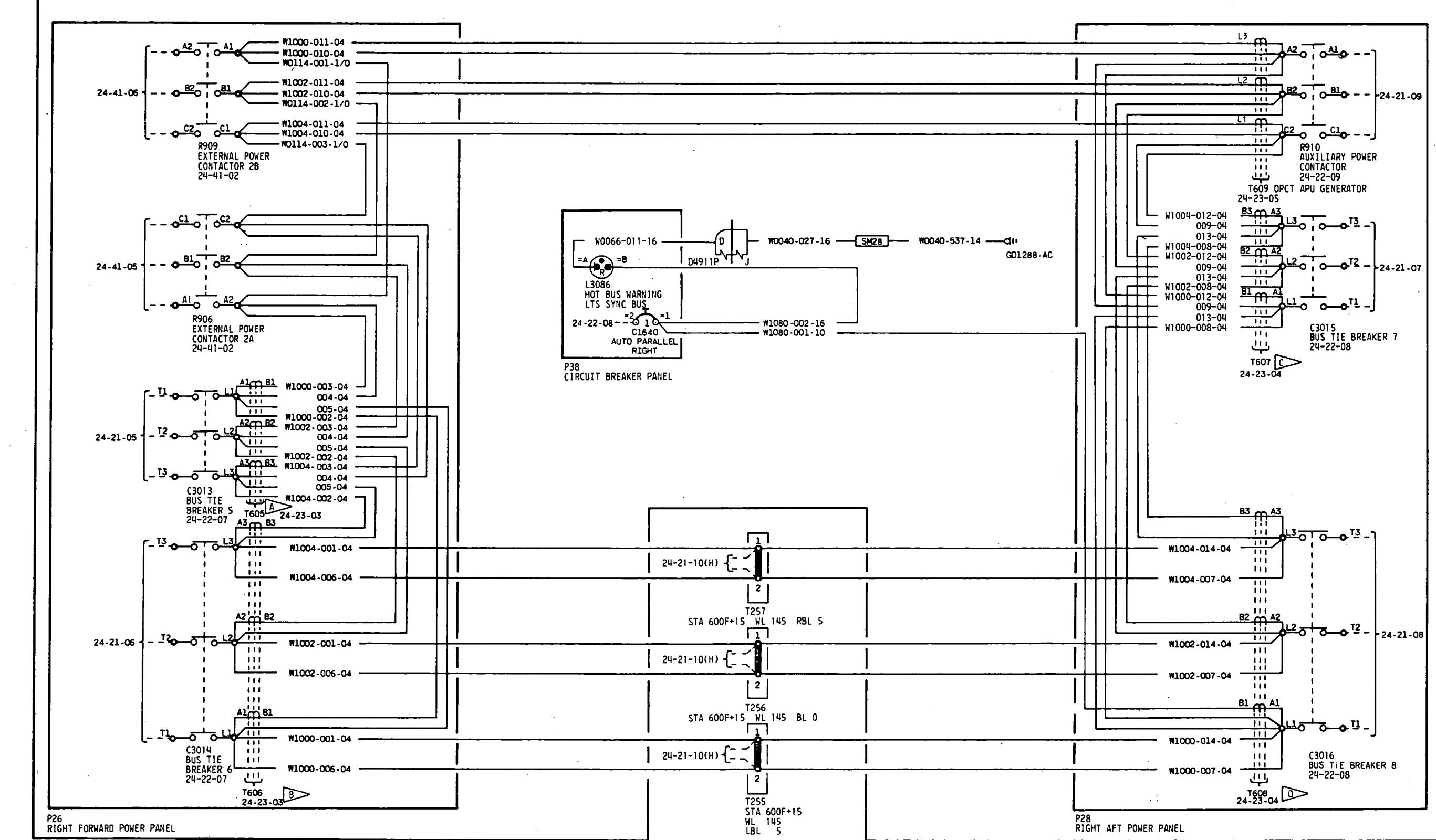


DRAFT: FOR 3/17/87
TYPE: B7
CHECK: 2/2
REV: 1/87

DATE: DEC 15/89

CHANGE:

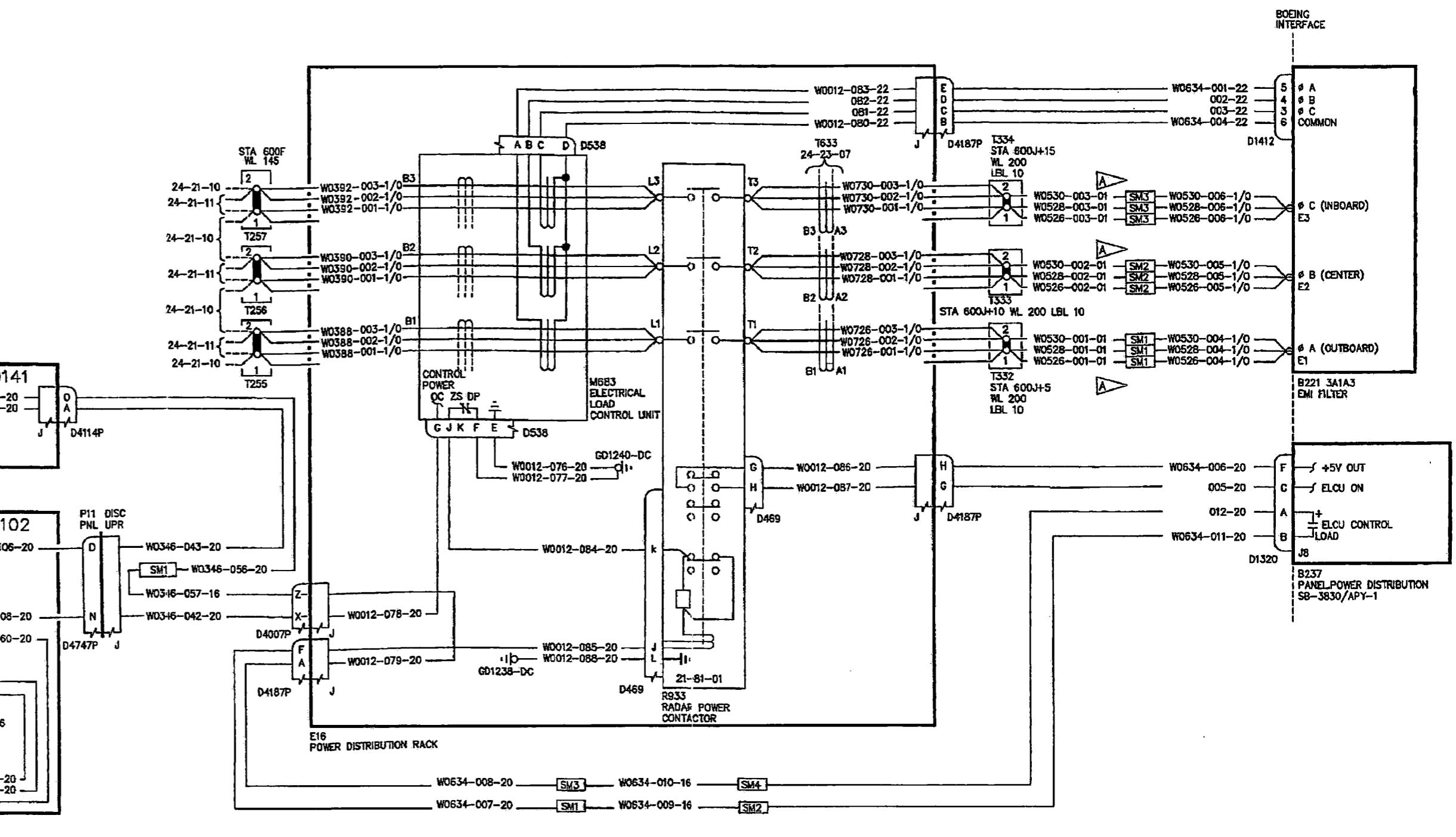
EFFECTIVITY		TITLE	
ALL		LEFT SYNCHRONIZING BUS	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205



DATE: DEC 15/89

CHANGE

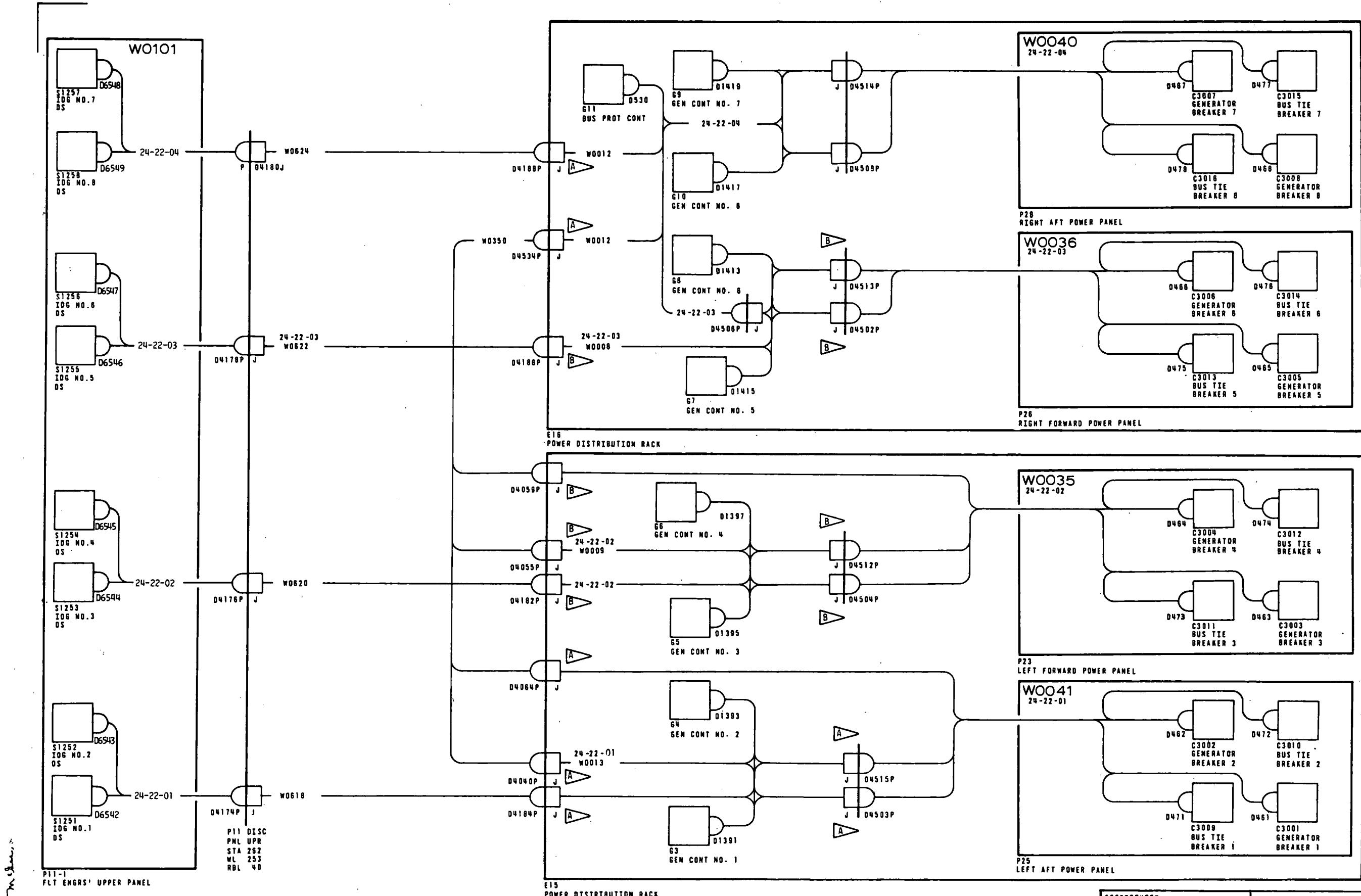
EFFECTIVITY		TITLE	
ALL		RIGHT SYNCHRONIZING BUS	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E - 3 A	81205
			PAGE 11-24-21-11 - 01



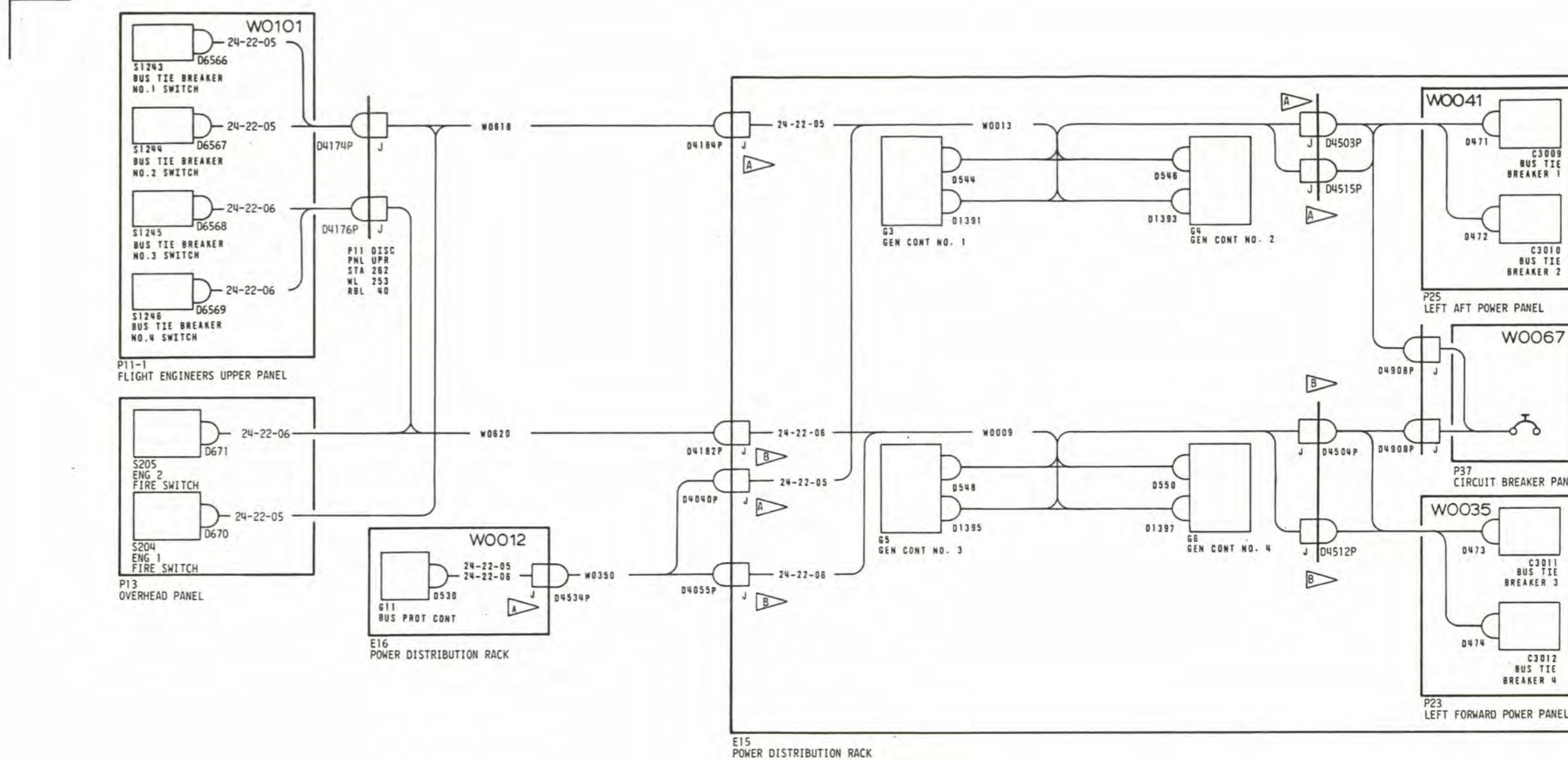
-35 TYPE I CLASSE I (COPPER WIRE)

MODIFICATIONS ARE LOCATED
IN SHADeD AREAS

EFFECTIVITY: ALL		TITLE 115V AC RADAR HIGH VOLTAGE POWER SUPPLY			
DWG NO 572-05305	REVISION W	MODEL E-3F	CODE F3033	IDENT	PAGE 11-24-21-12-01



DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	A	E-3 A	81205	11-24-22-B1-01

DRAFT: *Ron Sander*, *John H. Brown* 6-24-87
TYPE: *CHC*
CHECK: *TTE CHC*

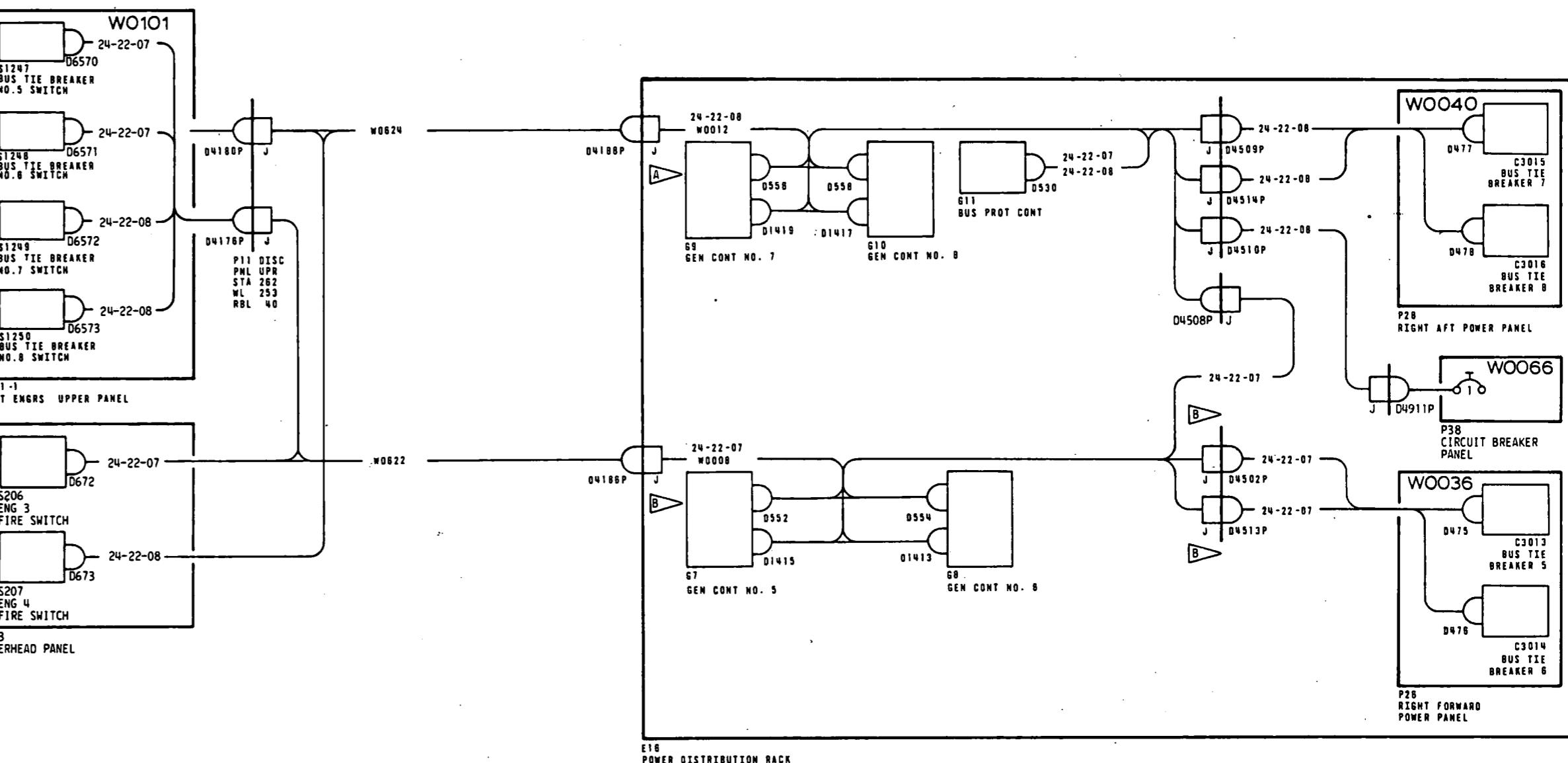
DATE DEC 15/89

- NOTES:
- ▲ ON AFT DISCONNECT PANEL
 - ▲ ON OUTBOARD DISCONNECT PANEL

CHANGE

EFFECTIVITY		TITLE	
ALL		BUS TIE BREAKERS NO.1 THRU NO.4 BLOCK	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205

PAGE
11-24-22-B2-01



NOTES:

A ▶ ON AFT DISC PNL

B ▶ ON OUTBO DISC PNL

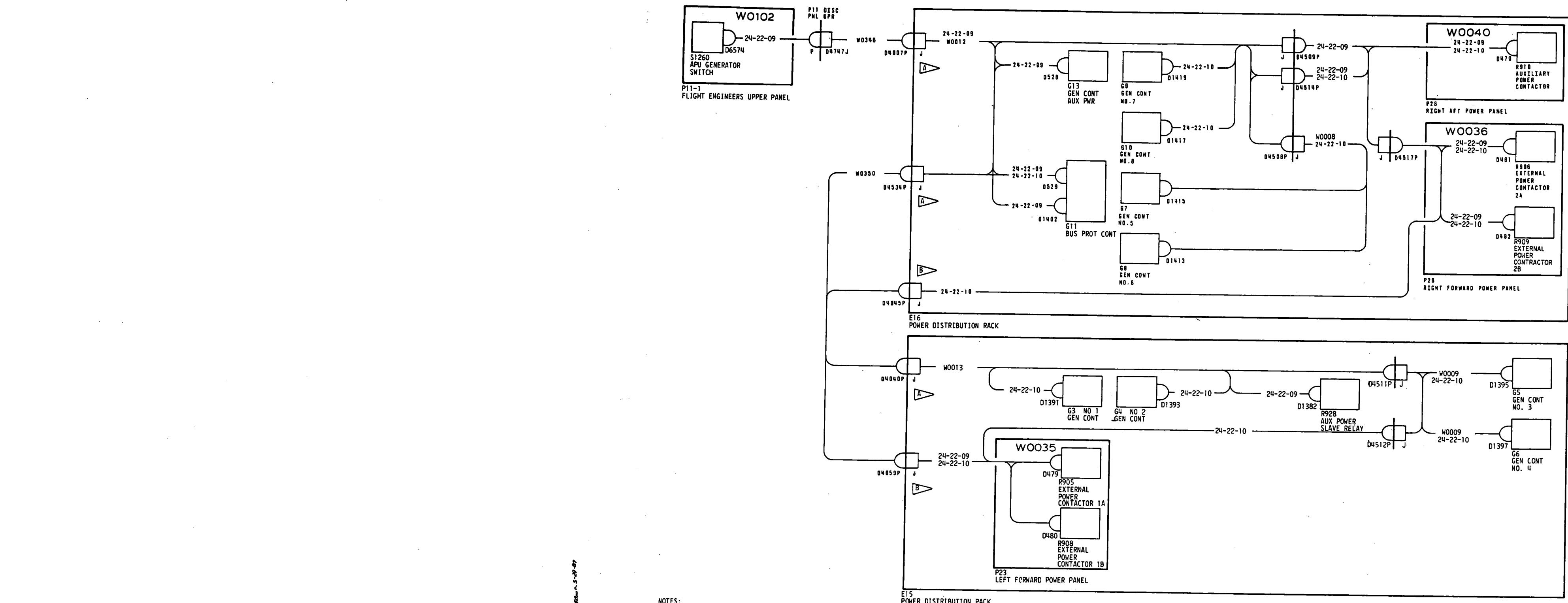
DRAFT: 1-7-82
TYPE: CHECK: TSP 5777

DATE : DEC 15/89

CHANGE:

EFFECTIVITY		TITLE	
ALL		BUS TIE BREAKERS NO. 5 THRU NO. 8 BLOCK	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205

PAGE
11-24-22-B3-01



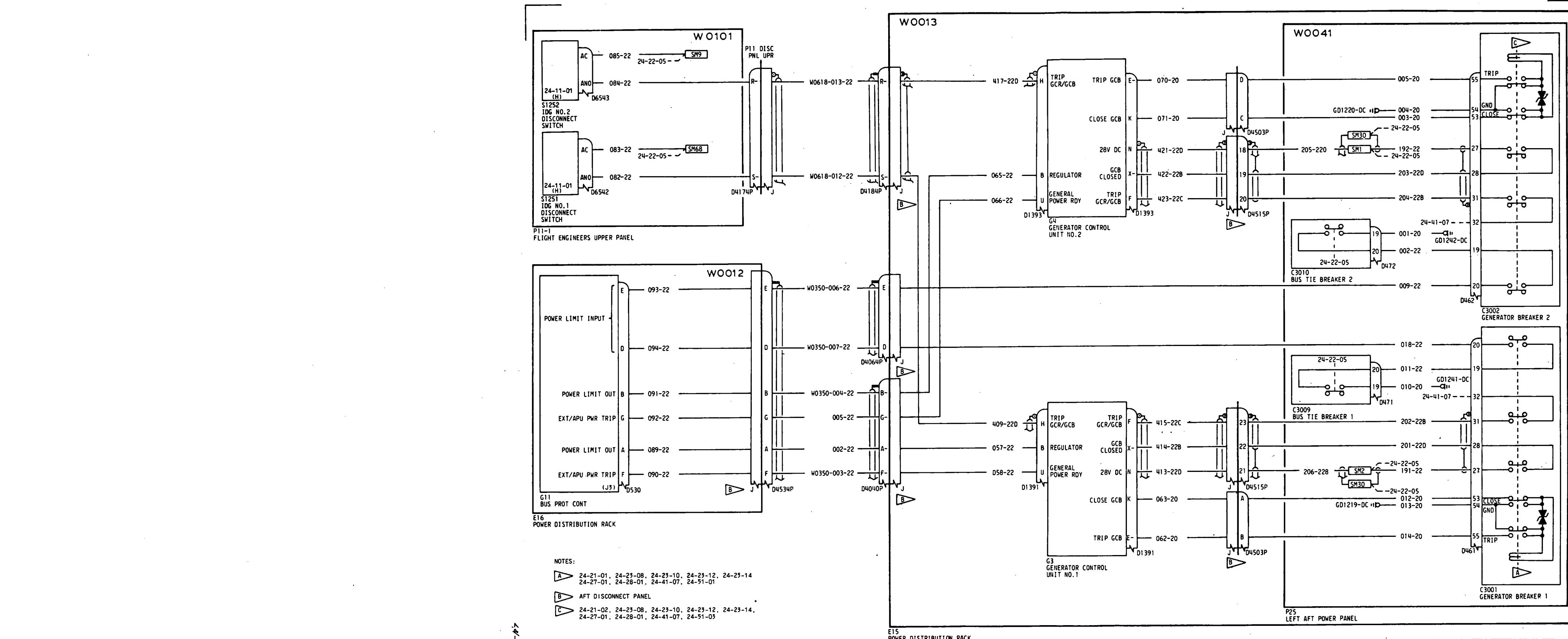
A ON AFT DISCONNECT PANEL

 ON OUTBOARD DISCONNECT P

DATE: DEC 15/8

CHAN

EFFECTIVITY		TITLE AUXILIARY POWER BREAKER CONTROL AND GROUND POWER INTERLOCK BLOCK		
ALL				
DWG NO 572-05305	REVISION A	MODEL E - 3 A	CODE IDENT 81205	PAGE 11-24-22-B4-01

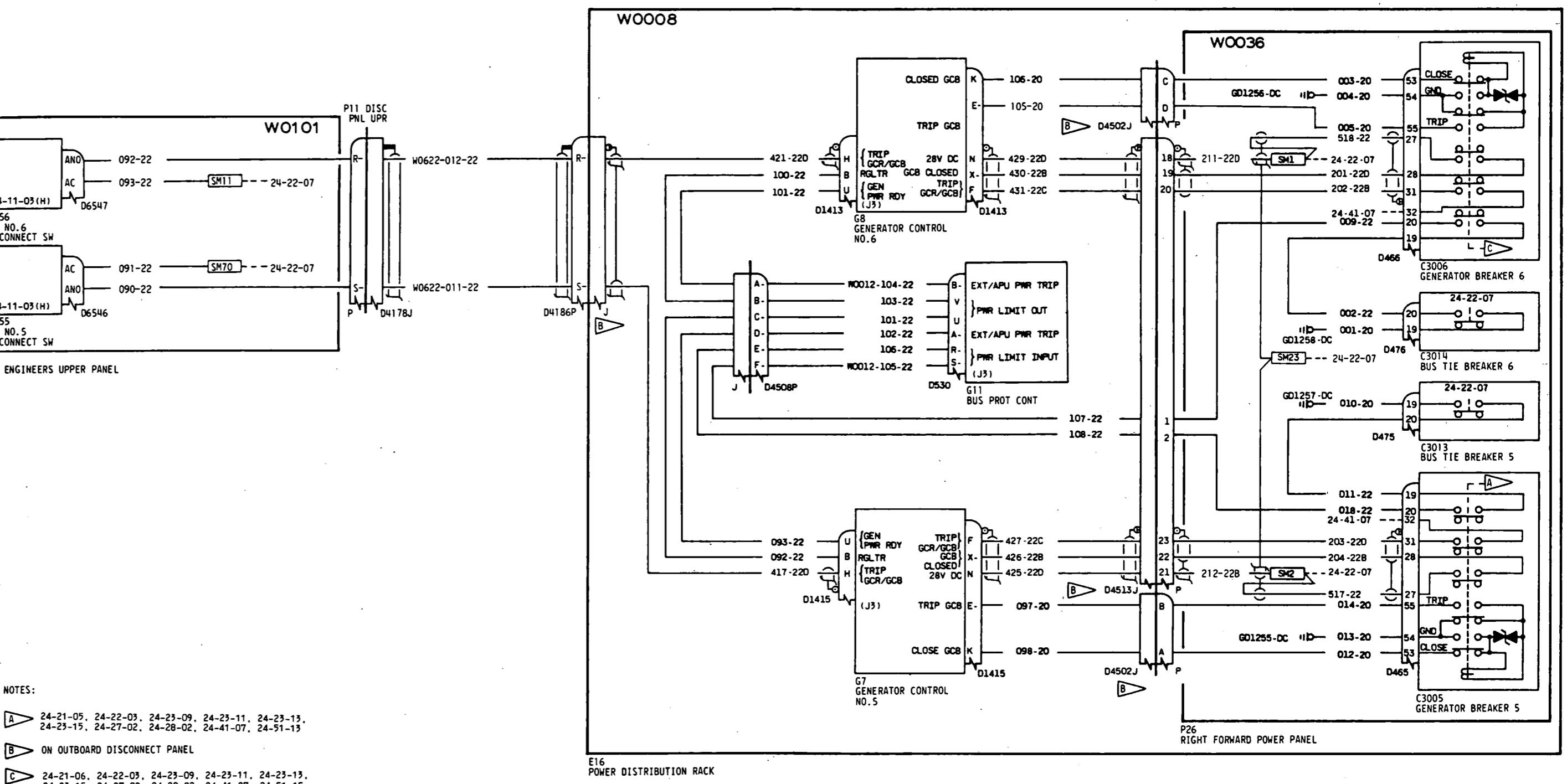


1

EC 15/89

CHANG

EFFECTIVITY ALL		TITLE GENERATOR BREAKER NO. 1 AND NO. 2 CONTROL		
DWG NO 572-05305	REVISION A	MODEL E - 3 A	CODE IDENT 81205	PAGE 11-24-22-01-01



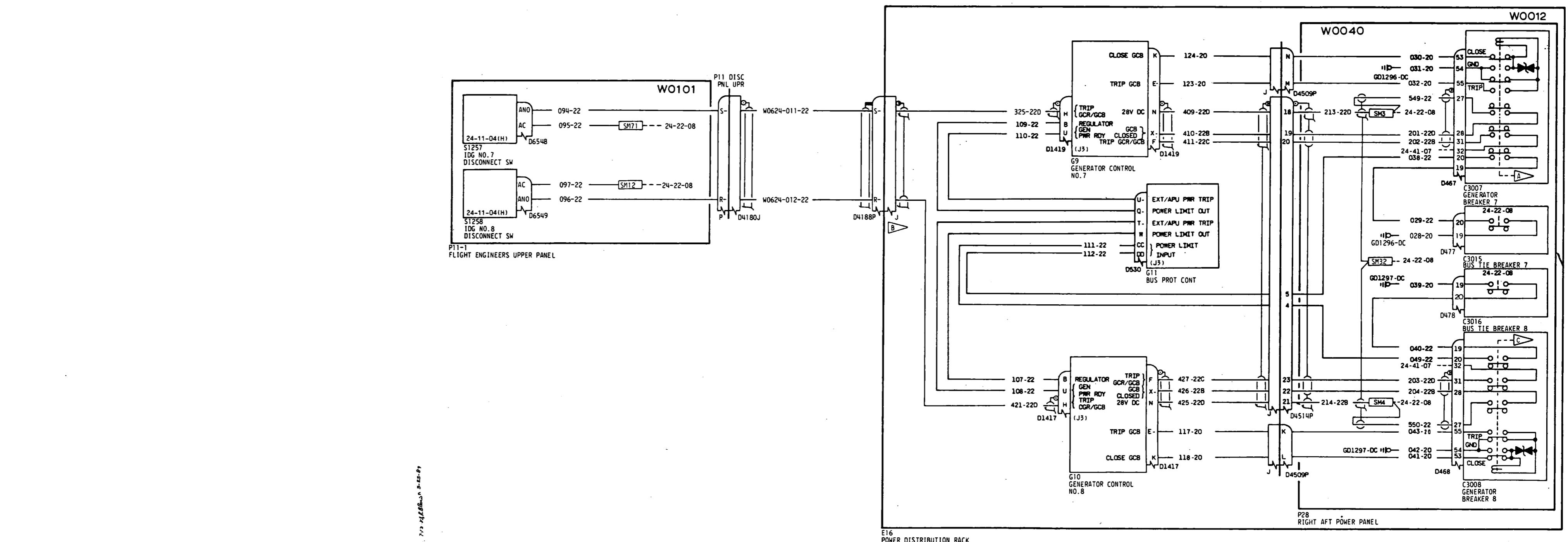
DRAFT: 5 Dec 1987
TYPE: 3 J 577
CHECK: YZ 577

DATE: DEC 15/89

CHANGE:

EFFECTIVITY		TITLE	
ALL		GENERATOR BREAKER NO.5 AND NO.6 CONTROL	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205
			11-24-22-03-01

I-30000 Rev. V72



DRAFT: Ed Crow - A-16 - 7/23/89 - 24-22-08

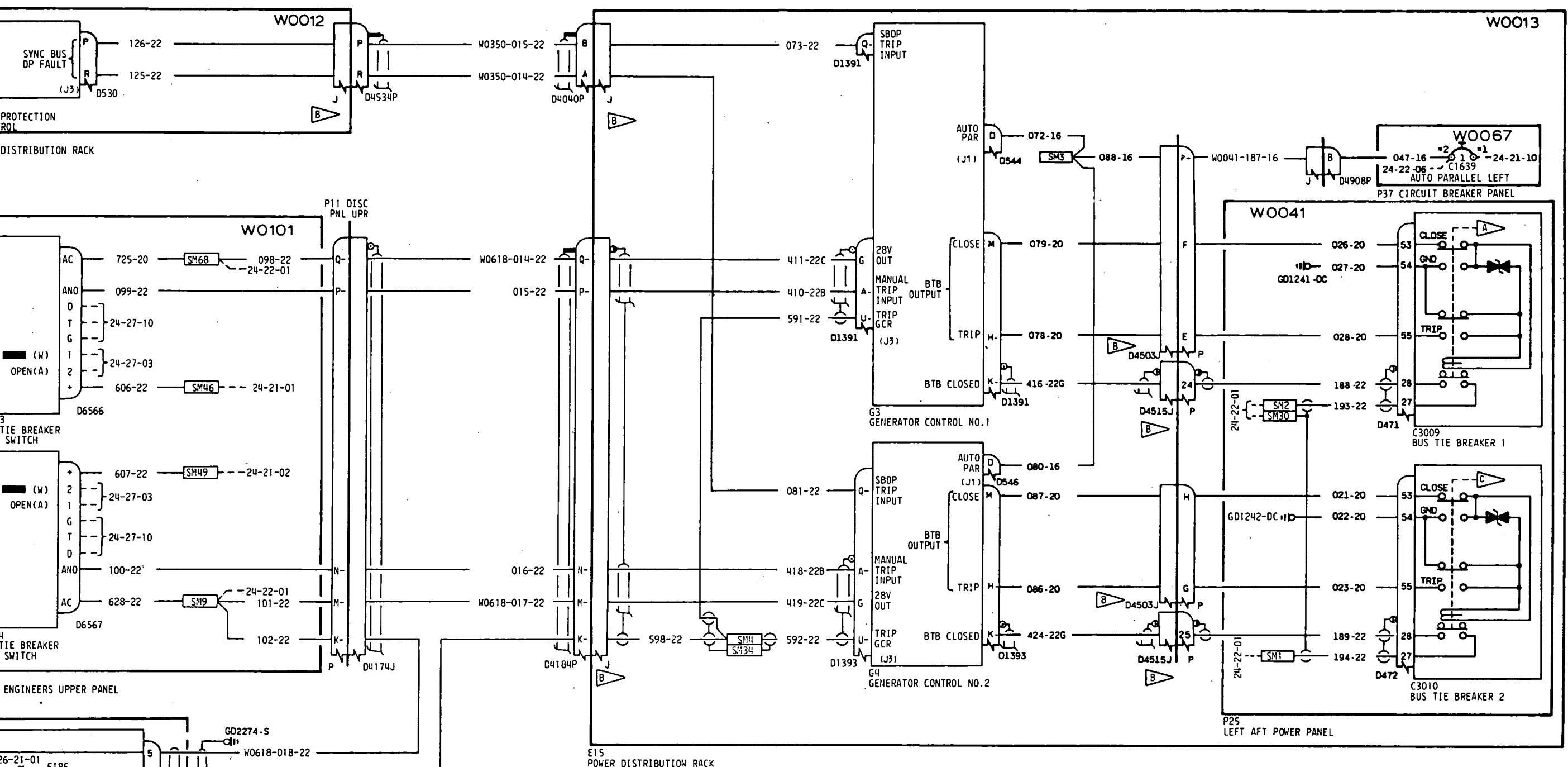
TYPE: B737-100

CHECK: 7/23/89

DATE: DEC 15/89

CHANGE:

EFFECTIVITY		TITLE	
ALL		GENERATOR BREAKER NO.7 AND NO.8 CONTROL	
DWG NO	REVISION	MODEL	CODE IDENT PAGE
572-05305	A	E-3A	81205 11-24-22-04-01



DRAFT: ED CROW
TYPE: 3 J 577
CHECK: 7-27

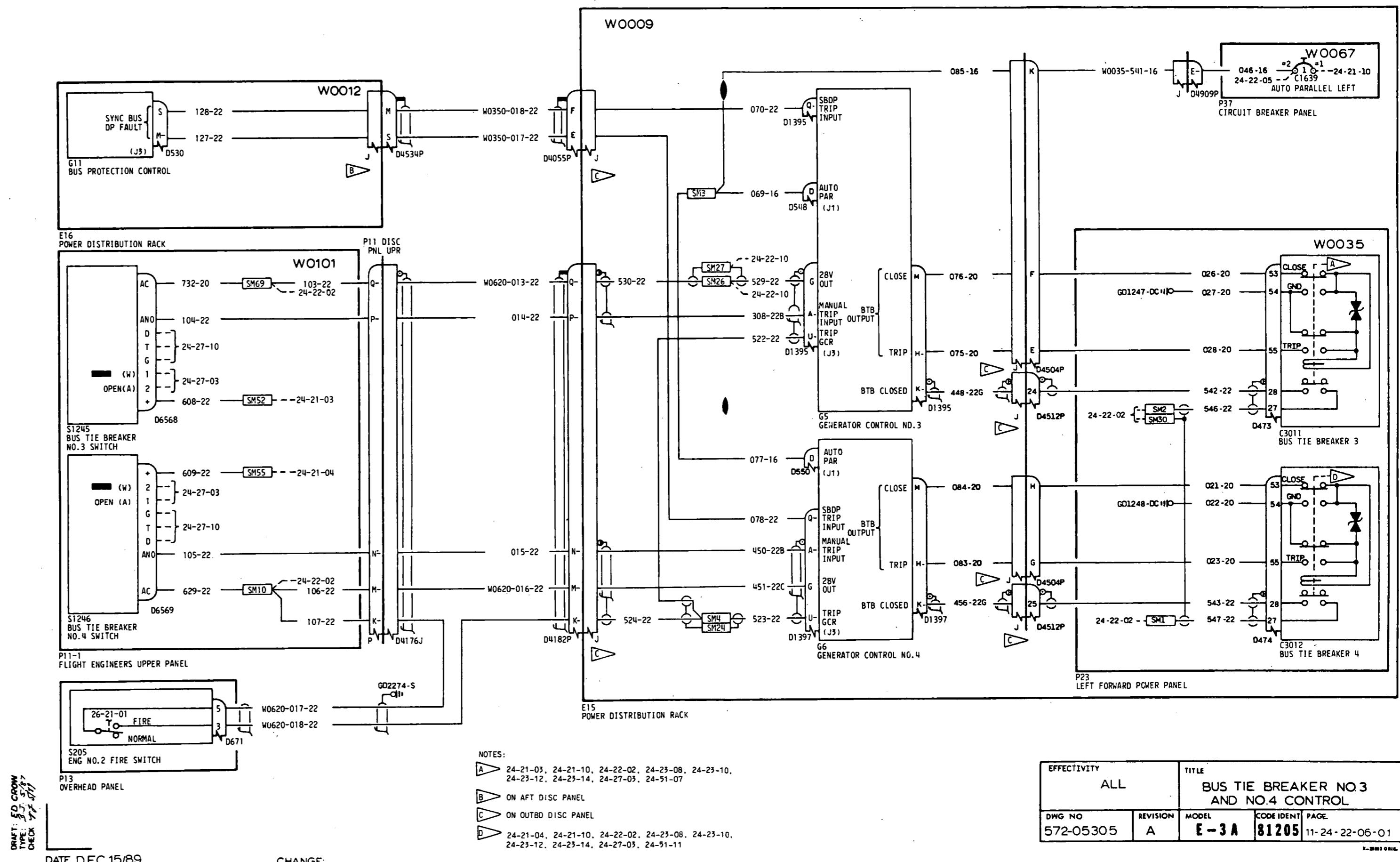
DATE: DEC 15/89

CHANGE:

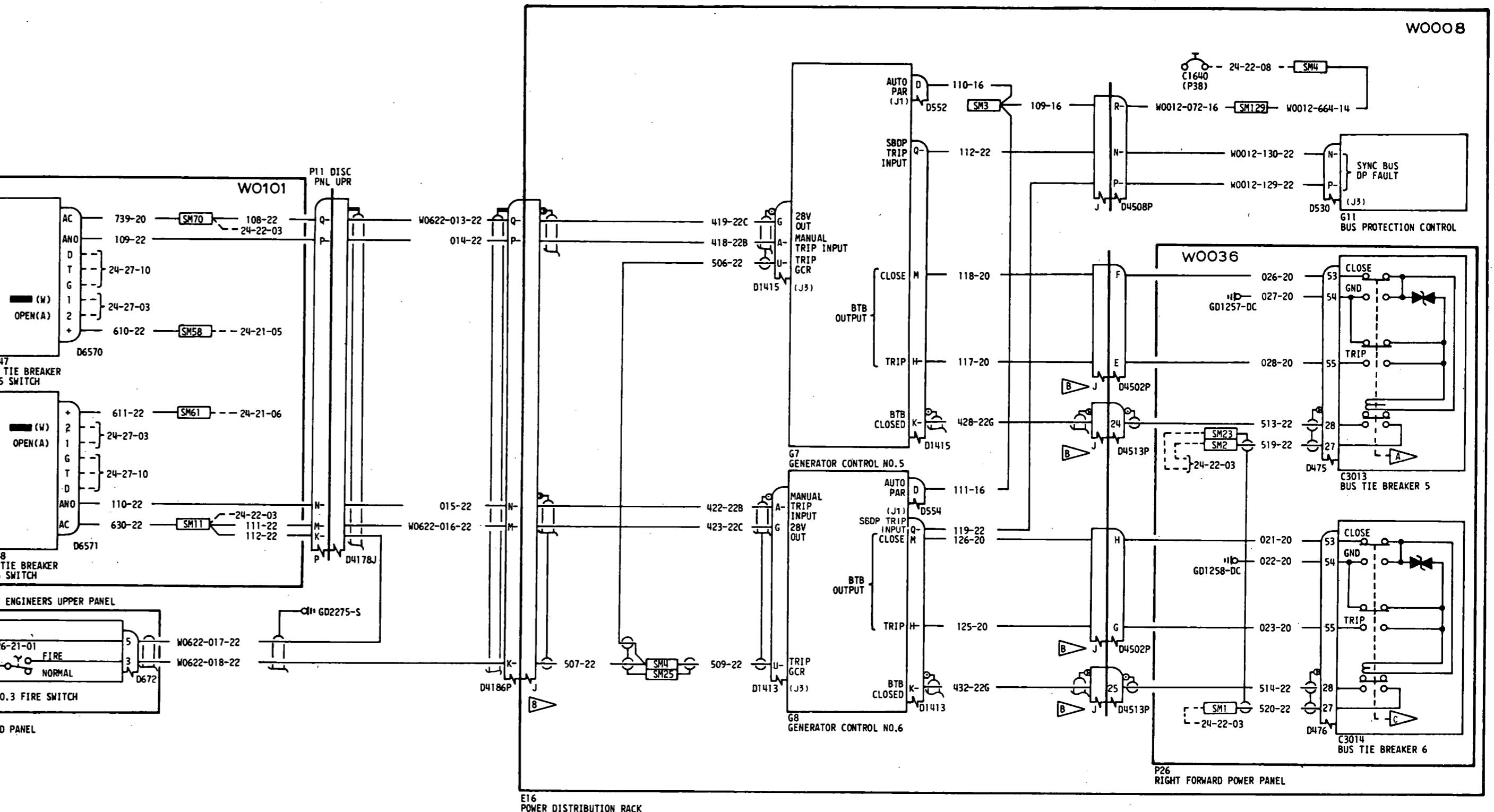
EFFECTIVITY		TITLE	
ALL		BUS TIE BREAKER NO.1 AND NO.2 CONTROL	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205

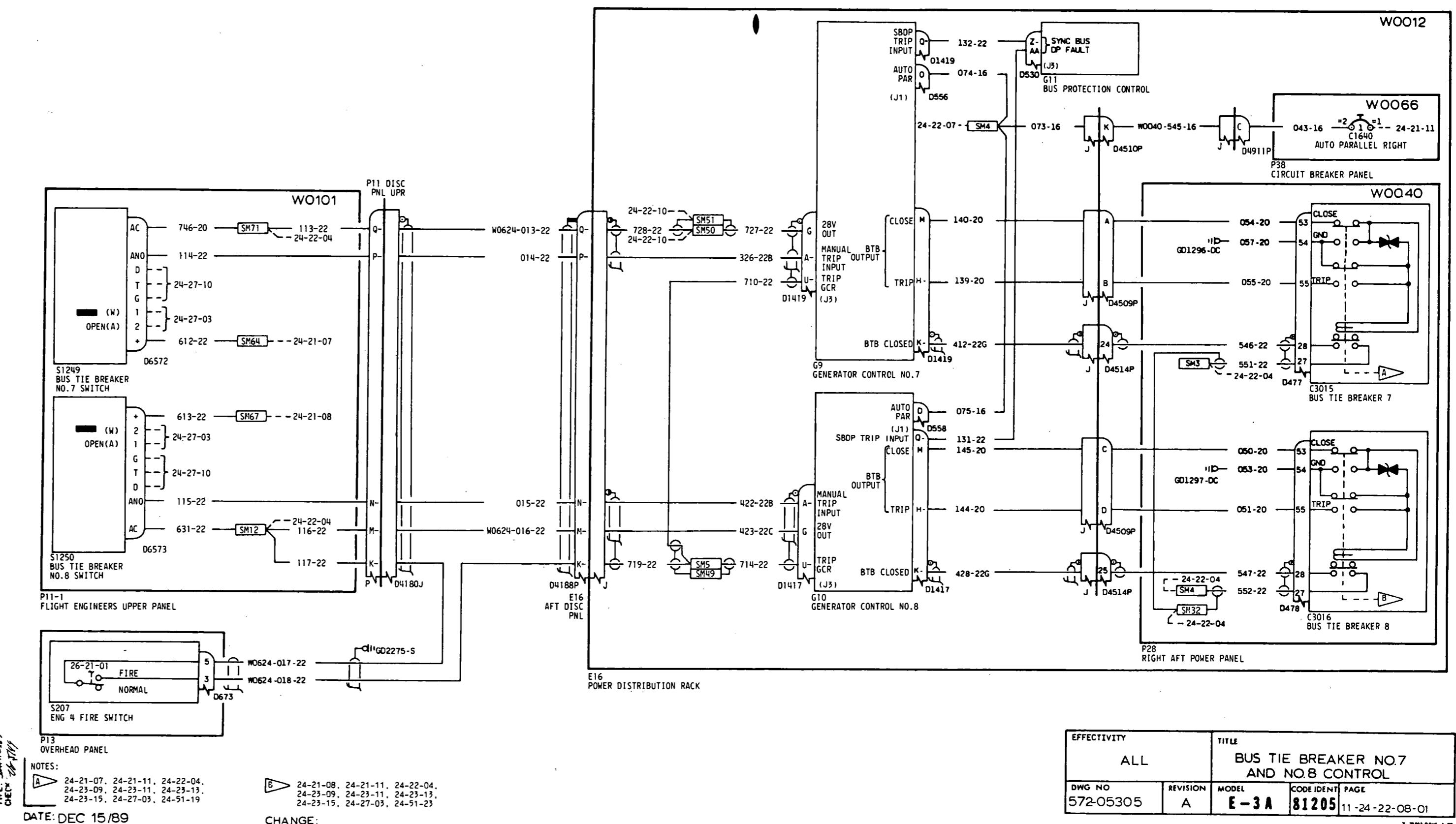
PAGE

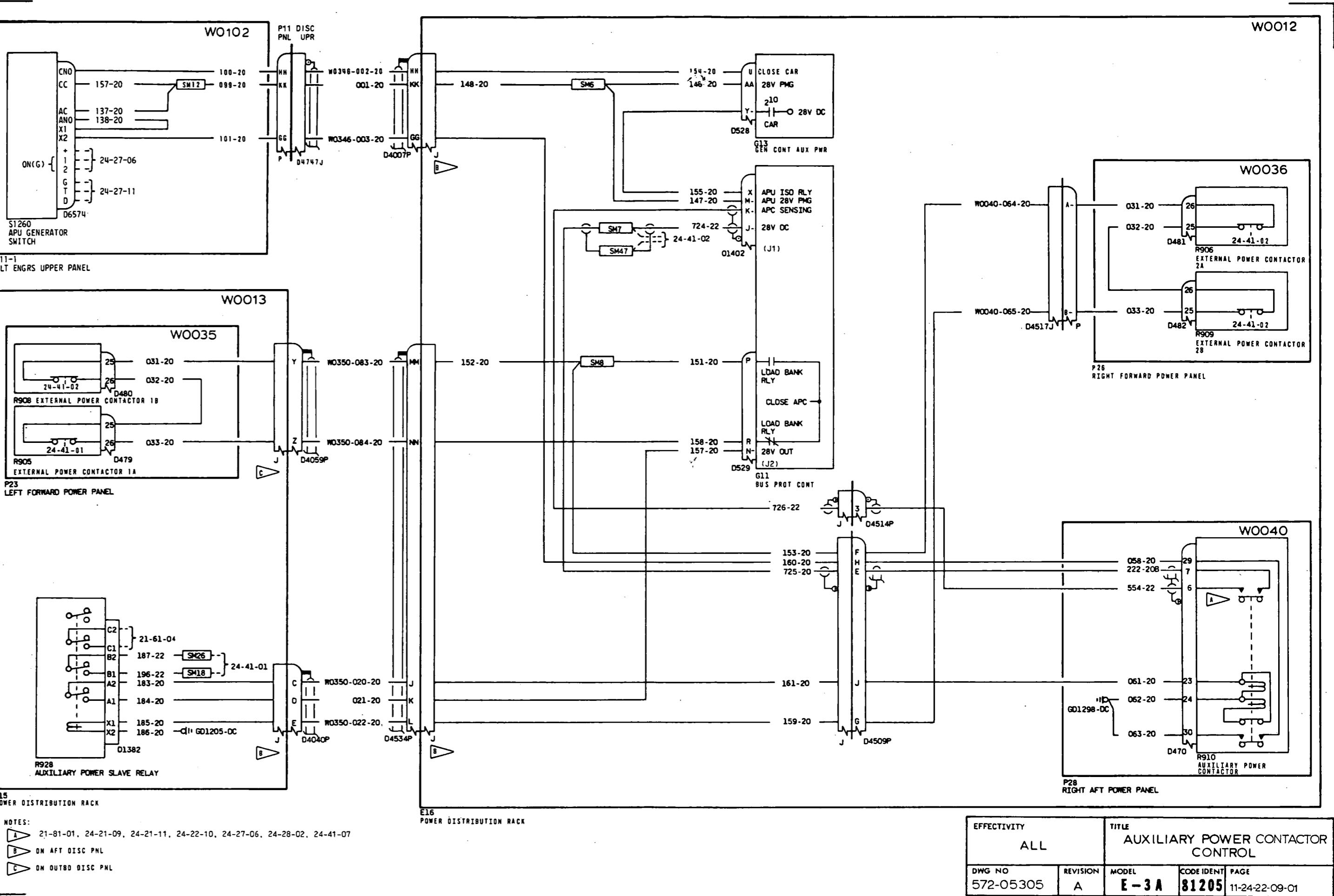
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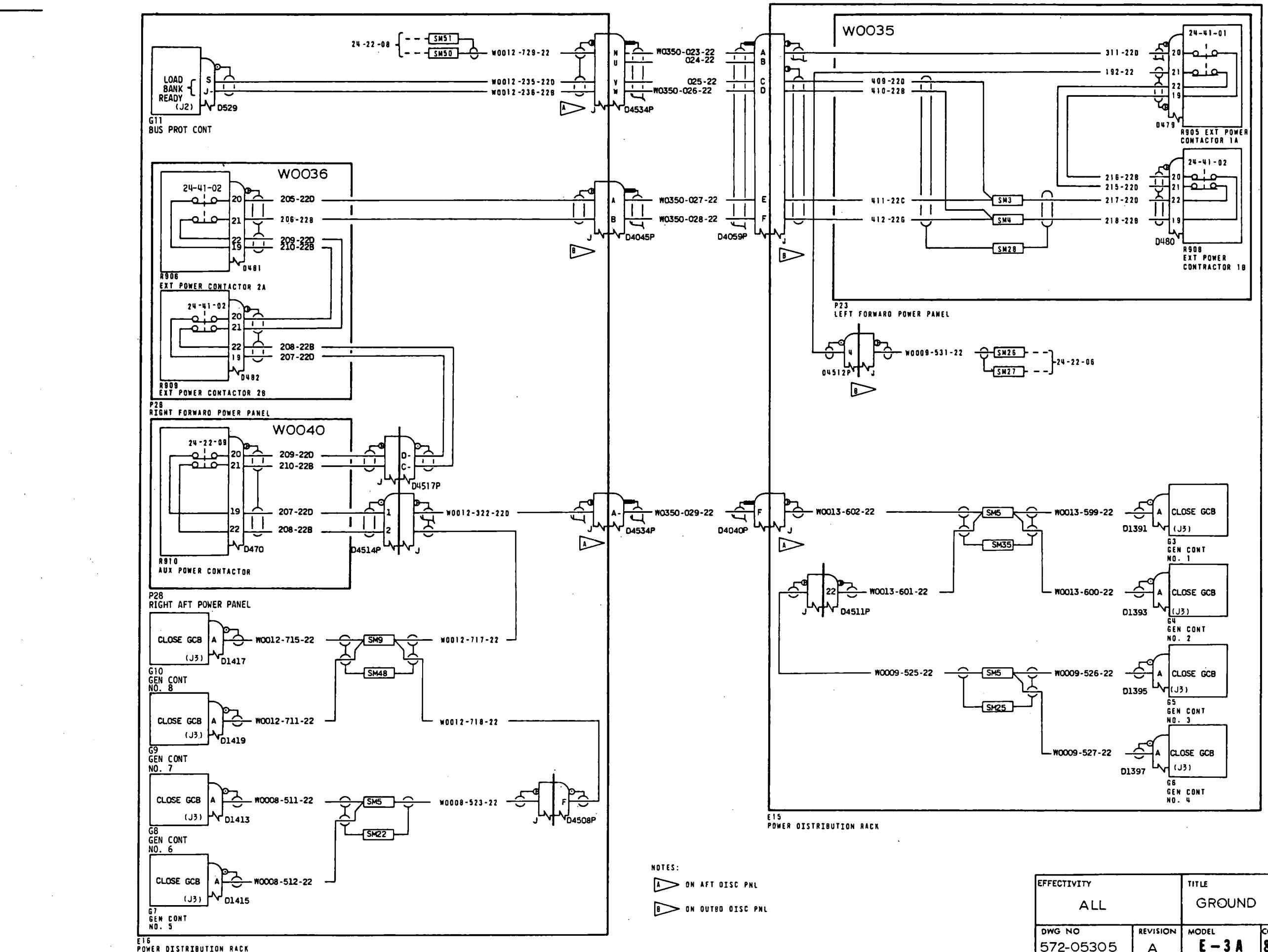


W0008







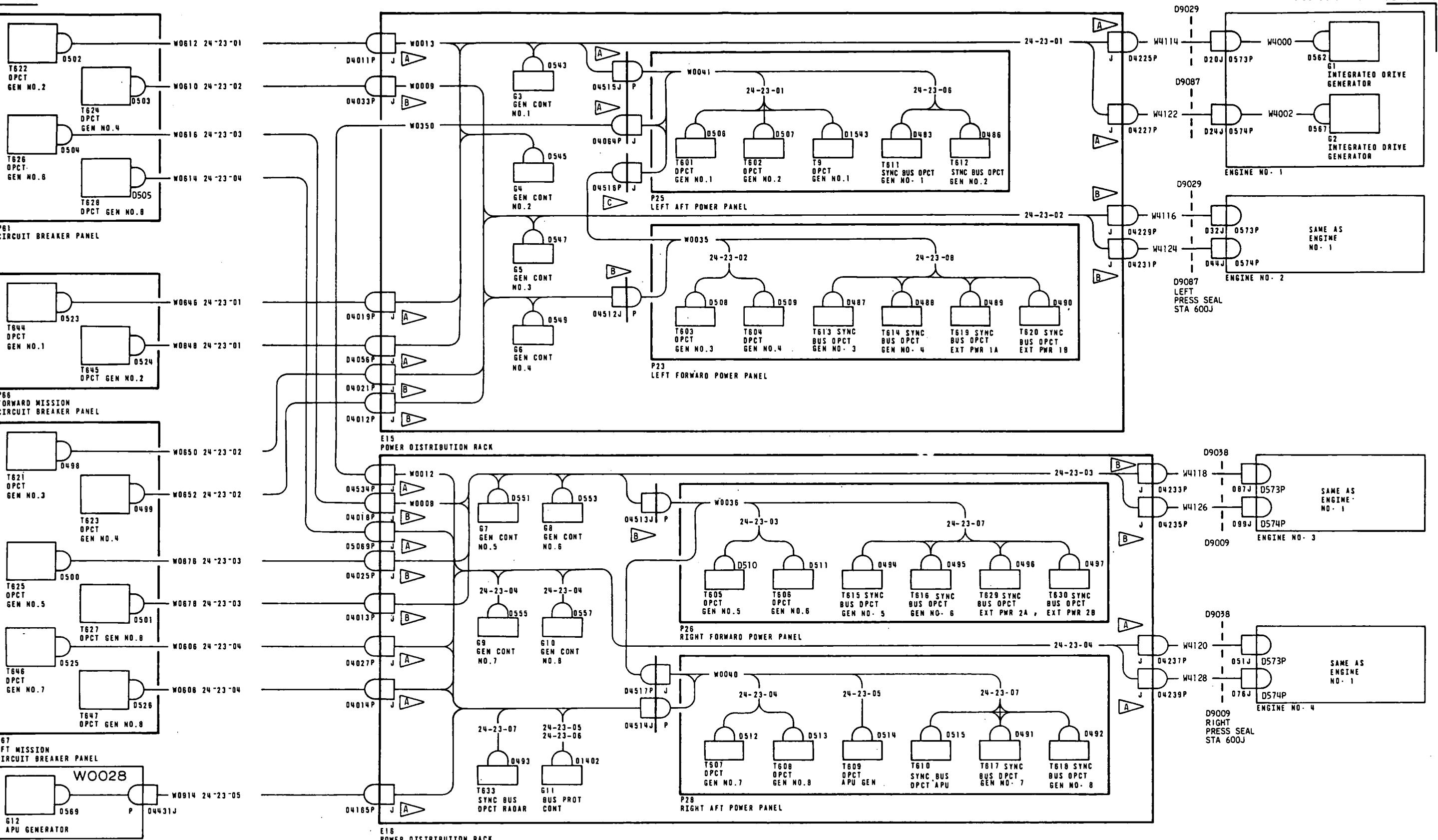


DATE DEC 15/89

CHANGE:

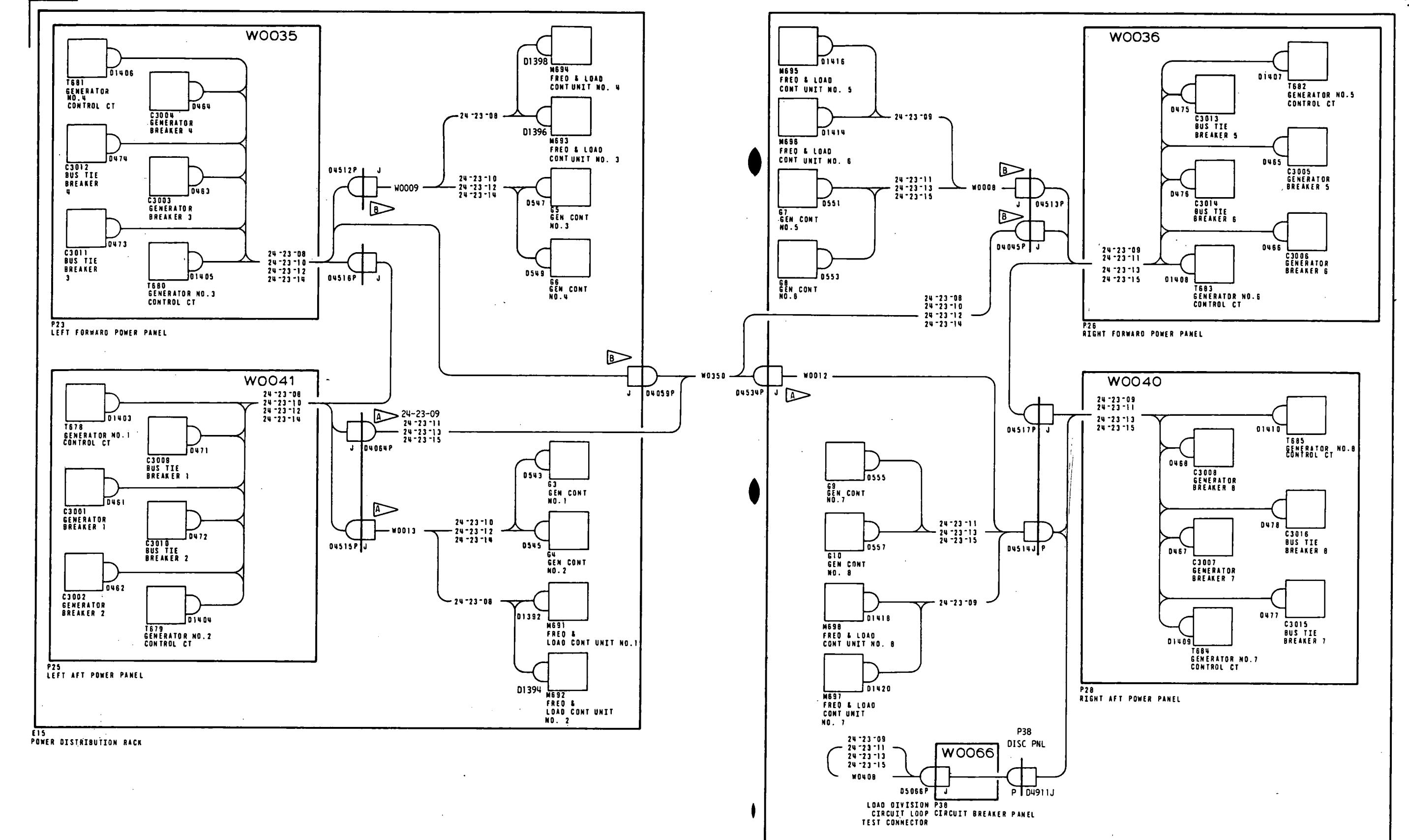
EFFECTIVITY		TITLE	
ALL		GROUND POWER INTERLOCK	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205

PAGE
11-24-22-10-01

DRAFT: 2-2-X 1/14/89 3:37 377
TYPE: 1052-1077
CHECK: 1052-1077NOTES:
 ON AFT DISC PNL
 ON MIDDLE DISC PNL
 ON OUTBD DISC PNL

DATE: DEC 15/89 CHANGE:

EFFECTIVITY	TITLE		
ALL	DIFFERENTIAL FAULT AND OPEN PHASE SENSING GENERATORS 1 THRU 8 AND SYNCHRONIZING BUS BLOCK		
DWG NO	REVISION	MODEL	CODE IDENT PAGE
572-05305	A	E-3 A	81205 11-24-23-B1-01

DRAFT: 10/27/87
TYPE: 10/27/87
CHECK: 10/27/87

NOTES:

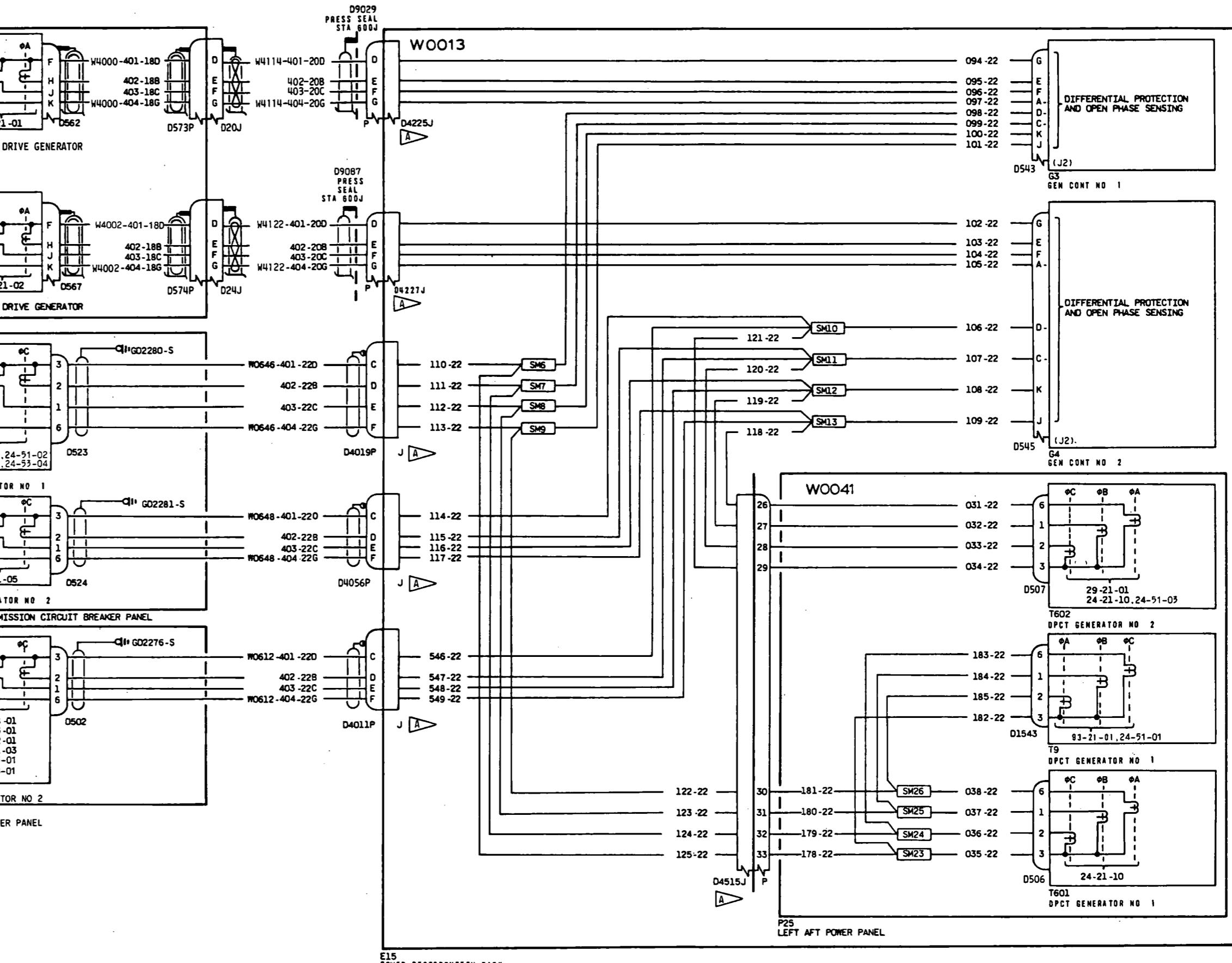
- ▲ ON AFT DISC PNL
- ▲ ON OUTBD DISC PNL

DATE: DEC 15/89

CHANGE:

EFFECTIVITY		TITLE	
ALL		REAL AND REACTIVE LOAD DIVISION AND PROTECTION, OVER/UNDER EXCITATION PROTECTION BLOCK	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205

PAGE
11-24-23-B2-01



DRAFT: V.M. 12/10/72 5775

TYPE: 24-21-01

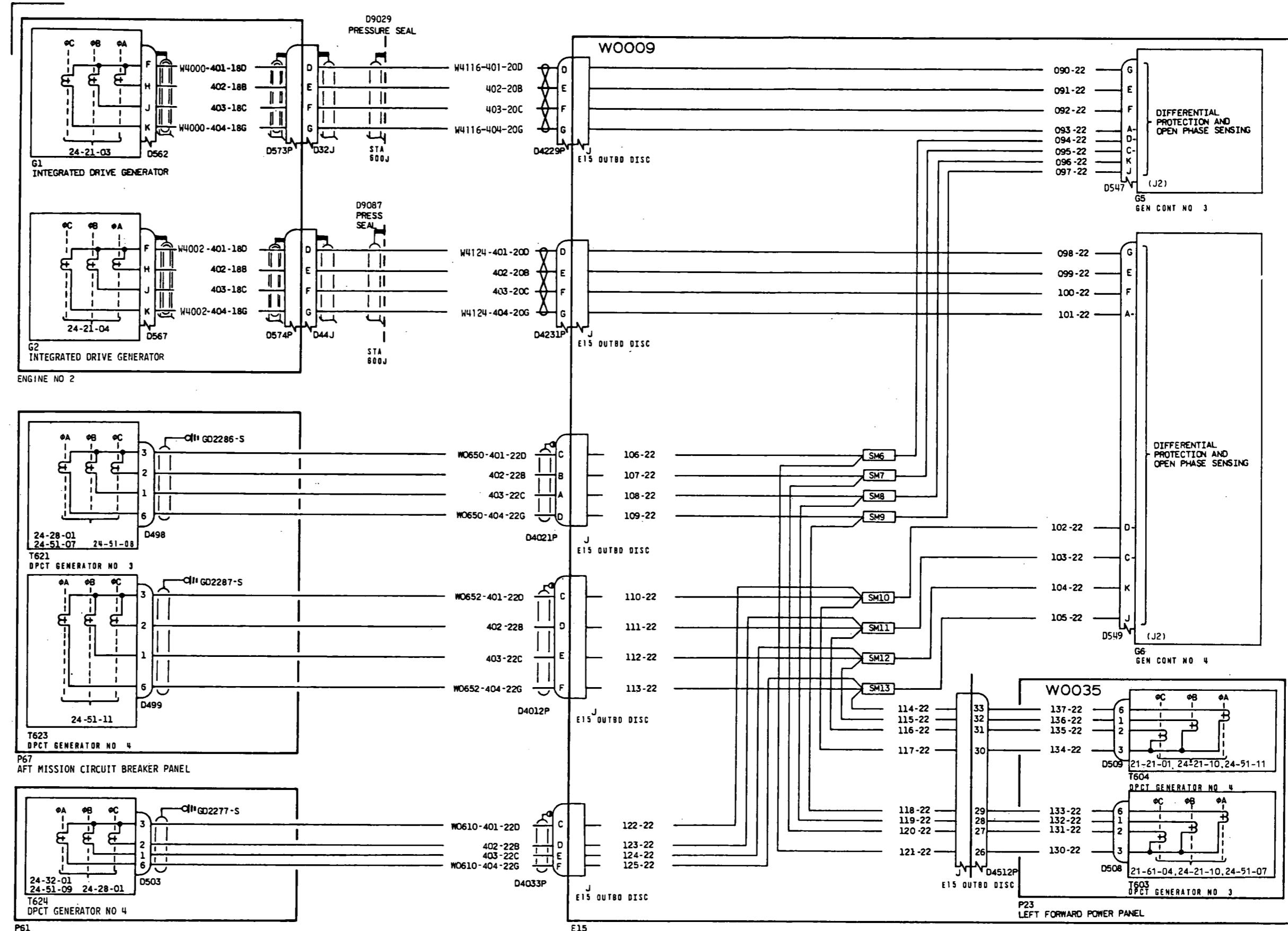
CHECK: 24-21-01

5775

DATE: DEC 15/89

CHANGE

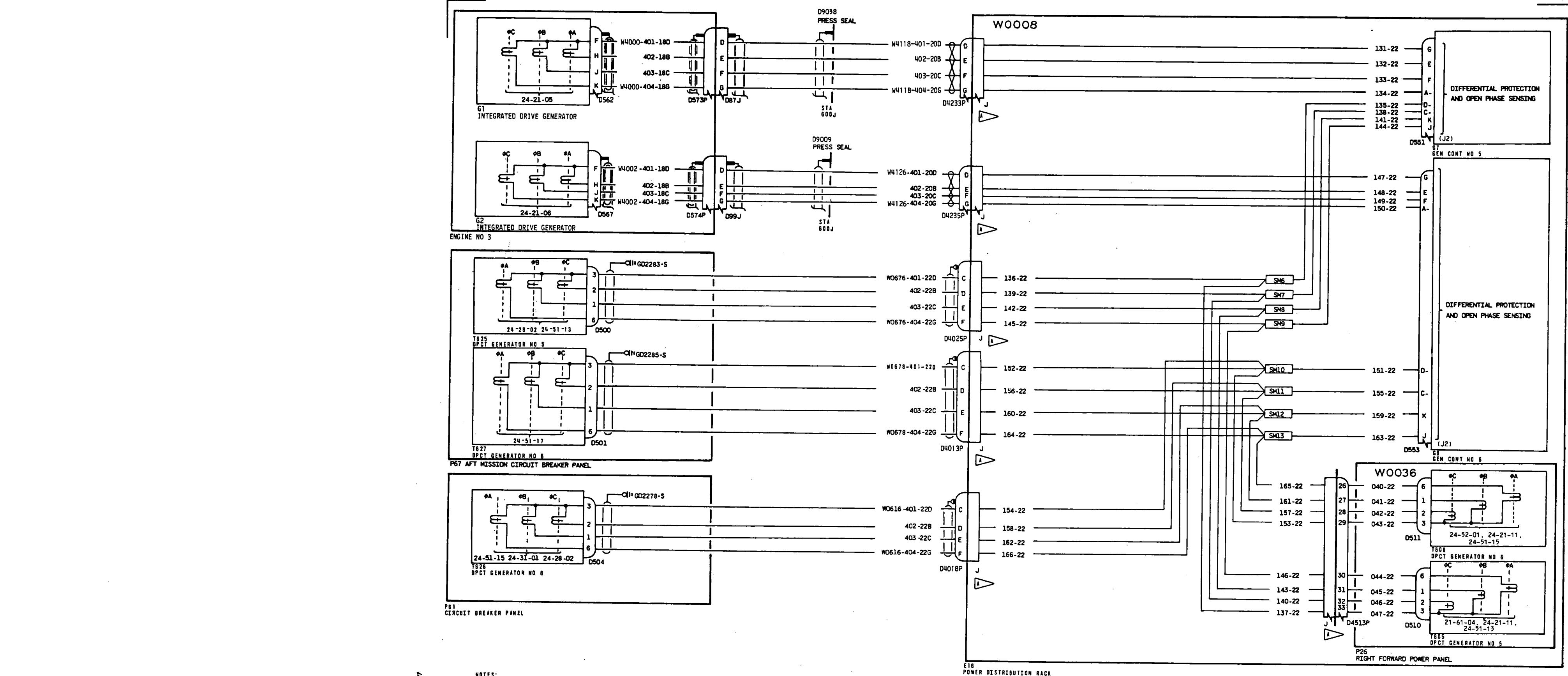
EFFECTIVITY		TITLE DIFFERENTIAL AND OPEN PHASE SENSING GENERATOR NO 1 AND NO 2		
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	A	E - 3 A	81205	11-24-23-01-01

DRAFT: 12/14/88 REV: 1/10/89
TYPE: 660-25-1755-3-07
CHECK: 12/14/88

DATE: DEC 15/89

CHANGE:

EFFECTIVITY	TITLE DIFFERENTIAL AND OPEN PHASE SENSING GENERATOR NO 3 AND NO 4	
DWG NO	REVISION	MODEL
572-05305	A	E-3A 81205 11-24-23-02-01

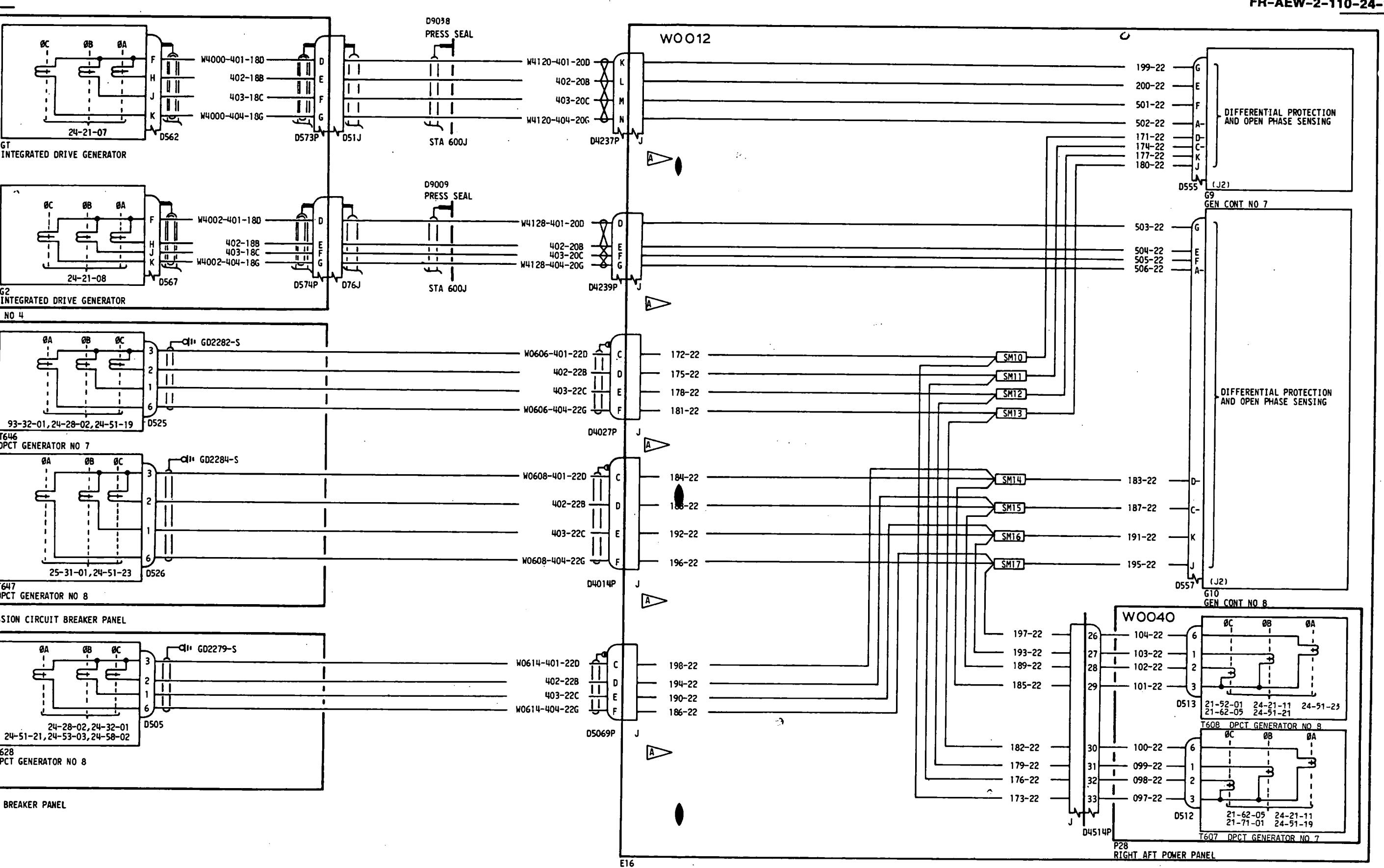
DRAFT: 10/17/89
TYPE: 6000
CHECK: 10/17/89

DATE: DEC 15/89

CHANGE:

EFFECTIVITY		TITLE DIFFERENTIAL AND OPEN PHASE SENSING GENERATOR NO 5 AND NO 6	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205

PAGE
1-2883 ORIG. 1/72



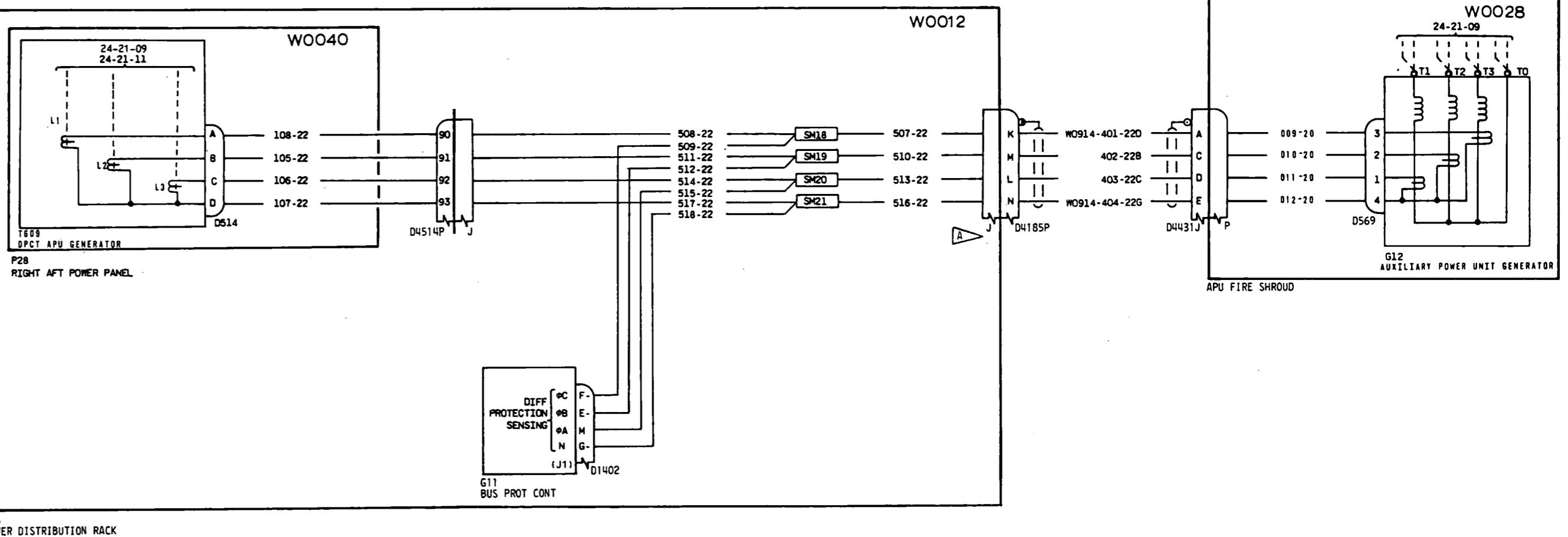
DRAFT: 5/22
CHECK: 7/22
TYPE: 8000
DATE DEC 15/89

CHANGE

EFFECTIVITY		TITLE DIFFERENTIAL AND OPEN PHASE SENSING GENERATOR NO 7 AND NO 8	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E - 3 A	81205

PAGE 11-24-23-04-01

L-BB20 ORIG. V73

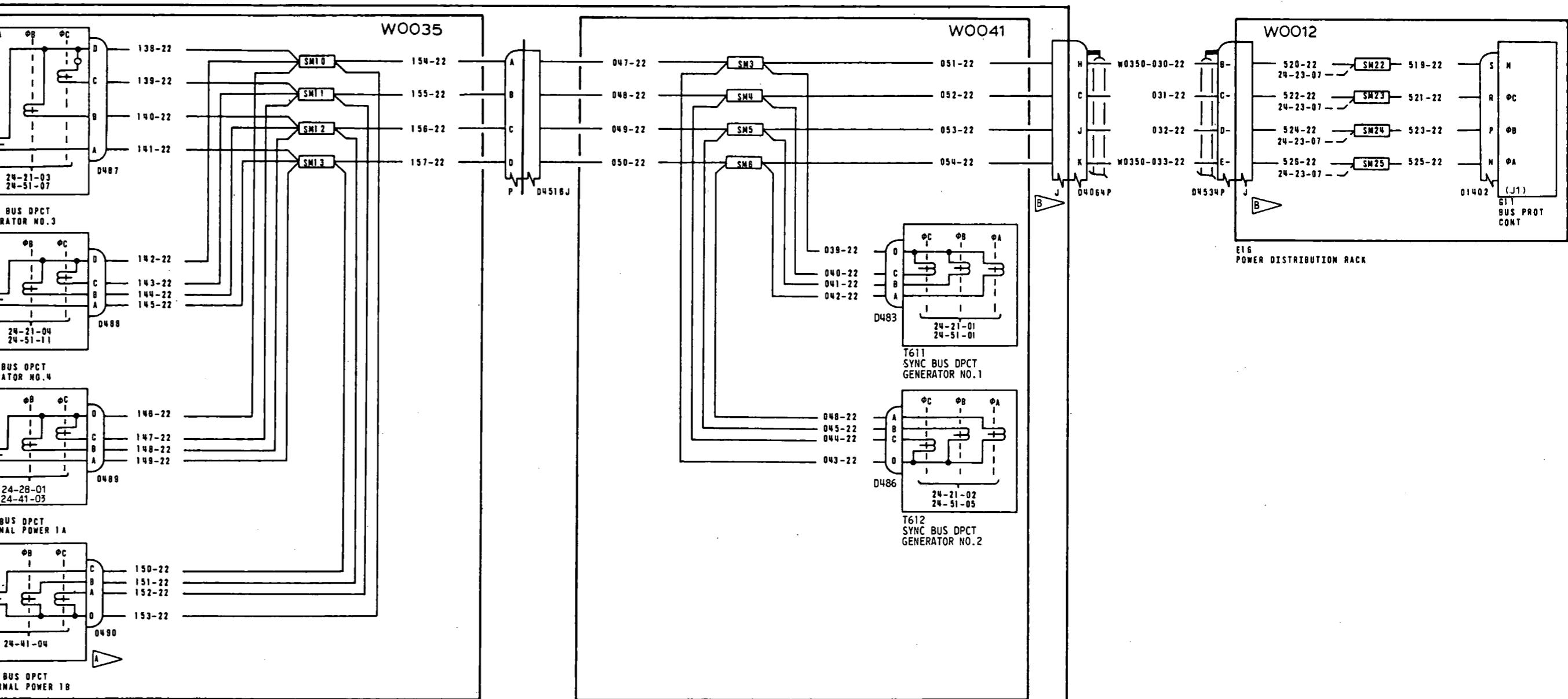


T DISC PNL

SC 15/89

CHANGE:

EFFECTIVITY ALL		TITLE DIFFERENTIAL FAULT SENSING APU GENERATOR		
DWG NO 572-05305	REVISION A	MODEL E-3A	CODE IDENT 81205	PAGE 11-24-23-05-01



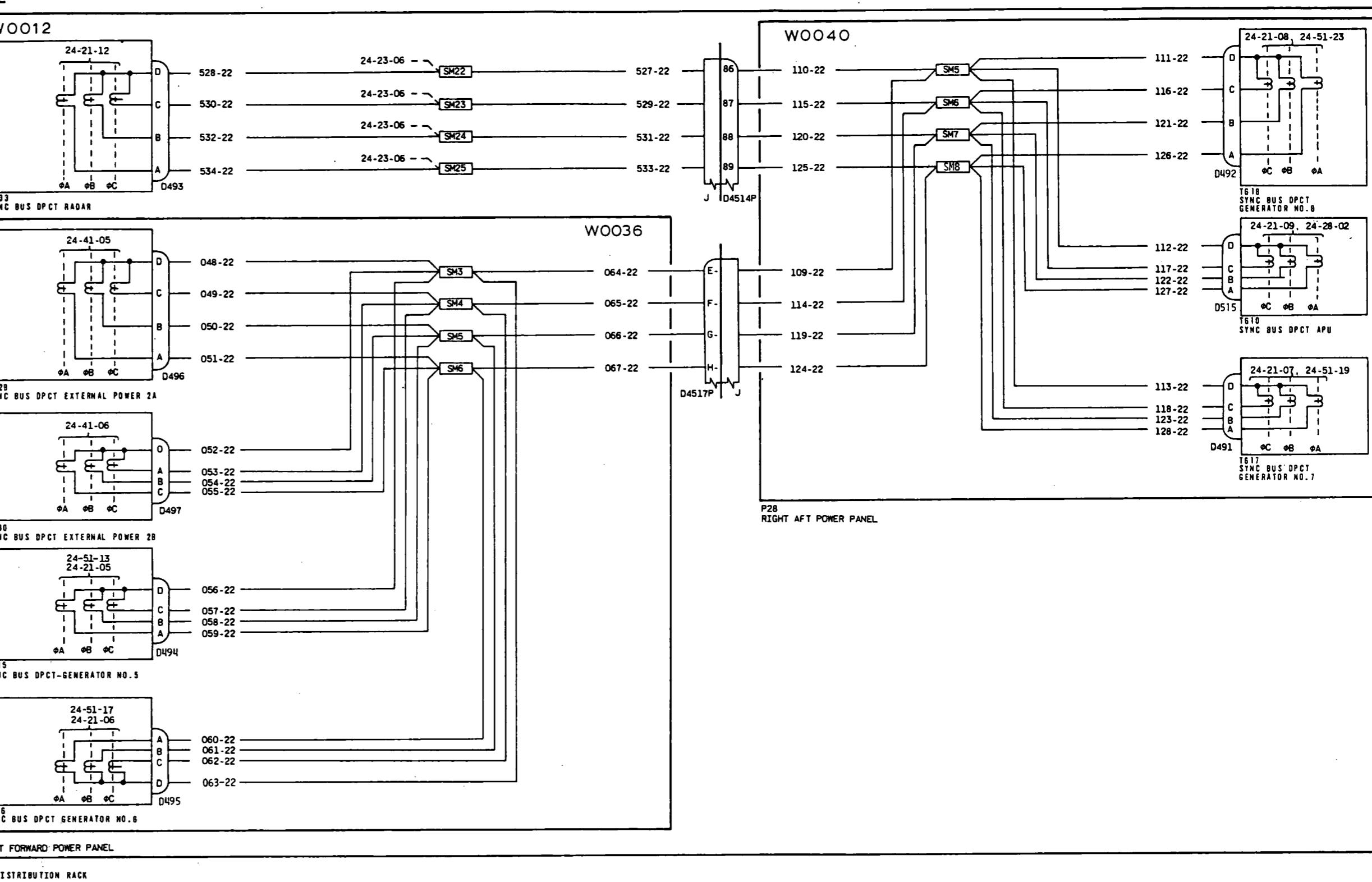
DRAFT: T.S. SPS
TYPE: P23/P25
CHECK: 12/20/89

DATE DEC 15/89

CHANGE:

- NOTE:
 A T620 PHASES REVERSED FOR INSTALLATION FACILITY
 B ON AFT DISC PNL

EFFECTIVITY	TITLE DIFFERENTIAL FAULT SENSING LEFT SYNCHRONIZING BUS		
DWG NO	REVISION	MODEL	CODE IDENT PAGE
572-05305	A	E-3 A	81205 11-24-23-06-01



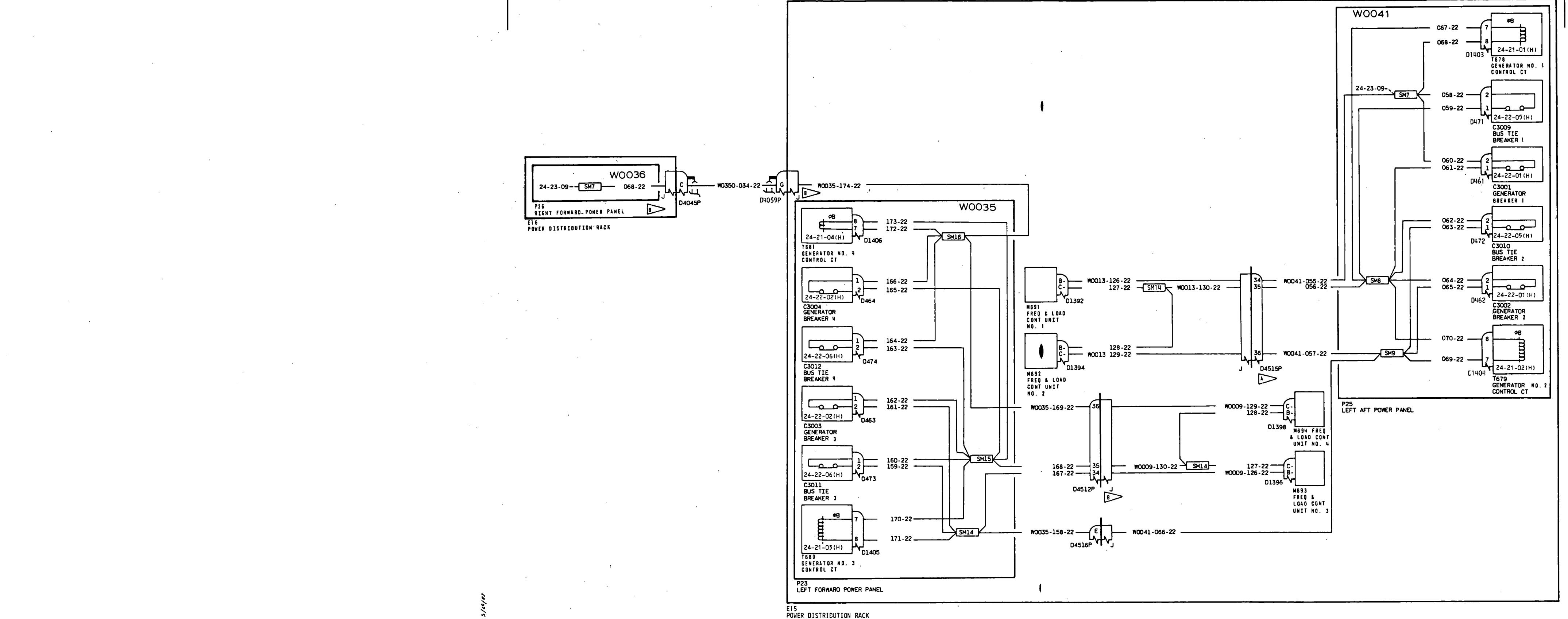
DRAFT: *B. Clegg / P. Mowat*
TYPE: *2* CHECK: *2*

DATE: DEC 15/89

CHANGE:

EFFECTIVITY ALL	TITLE DIFFERENTIAL FAULT SENSING RIGHT SYNCHRONIZING BUS		
DWG NO 572-05305	REVISION A	MODEL E-3 A	CODE IDENT PAGE 81205 11-24-23-07-01

E-3000 ORIG. 1/73



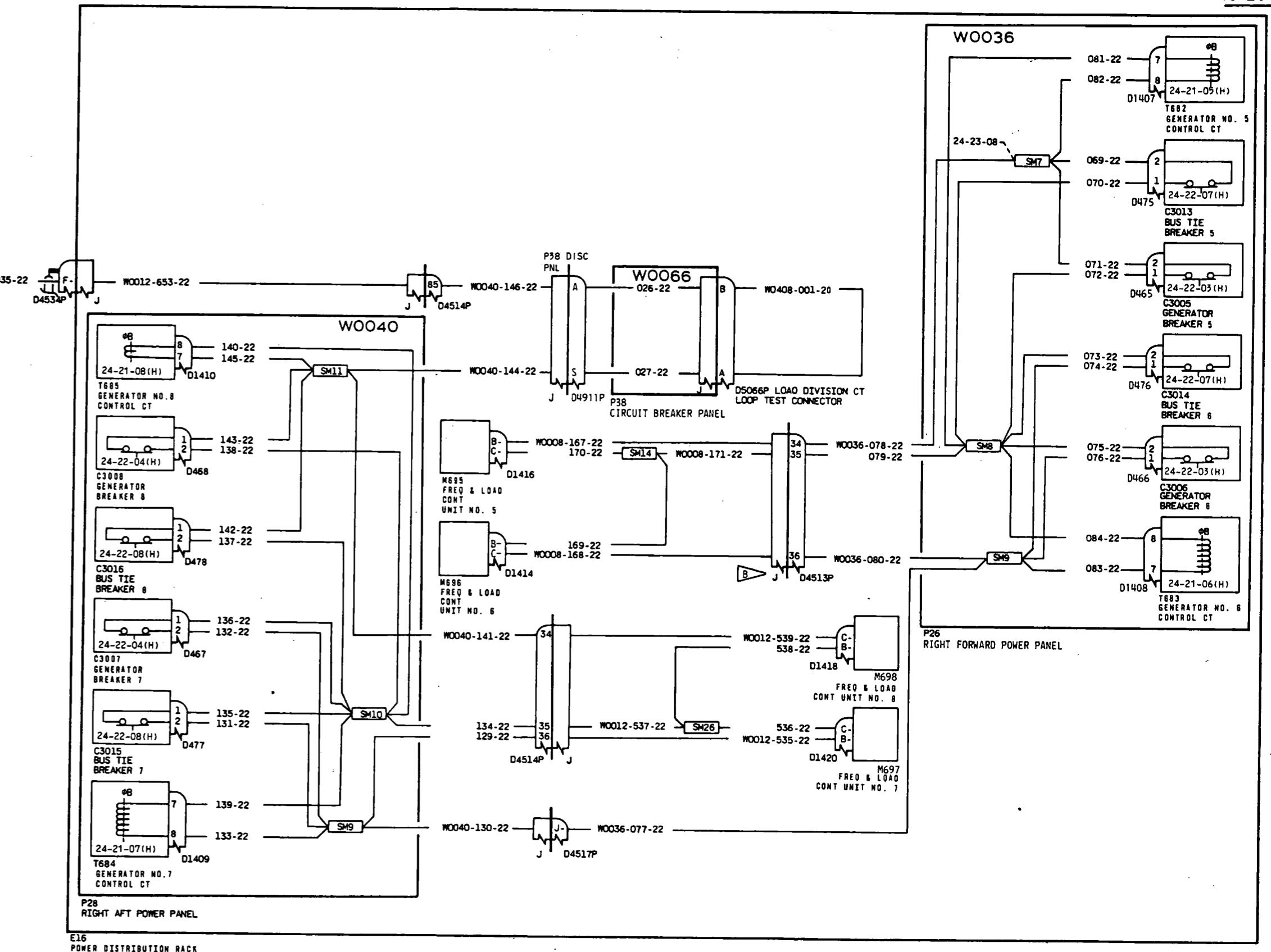
NO
 A
 B

TES:
ON AFT DISC PNL
ON OUTBD DISC PNL

DEC 15/89

CHANGE:

EFFECTIVITY ALL		TITLE REAL LOAD DIVISION GENERATOR NO.1, NO.2, NO.3, AND NO.4		
DWG NO 572-05305	REVISION A	MODEL E-3A	CODE IDENT 81205	PAGE 11-24-23-08-C1

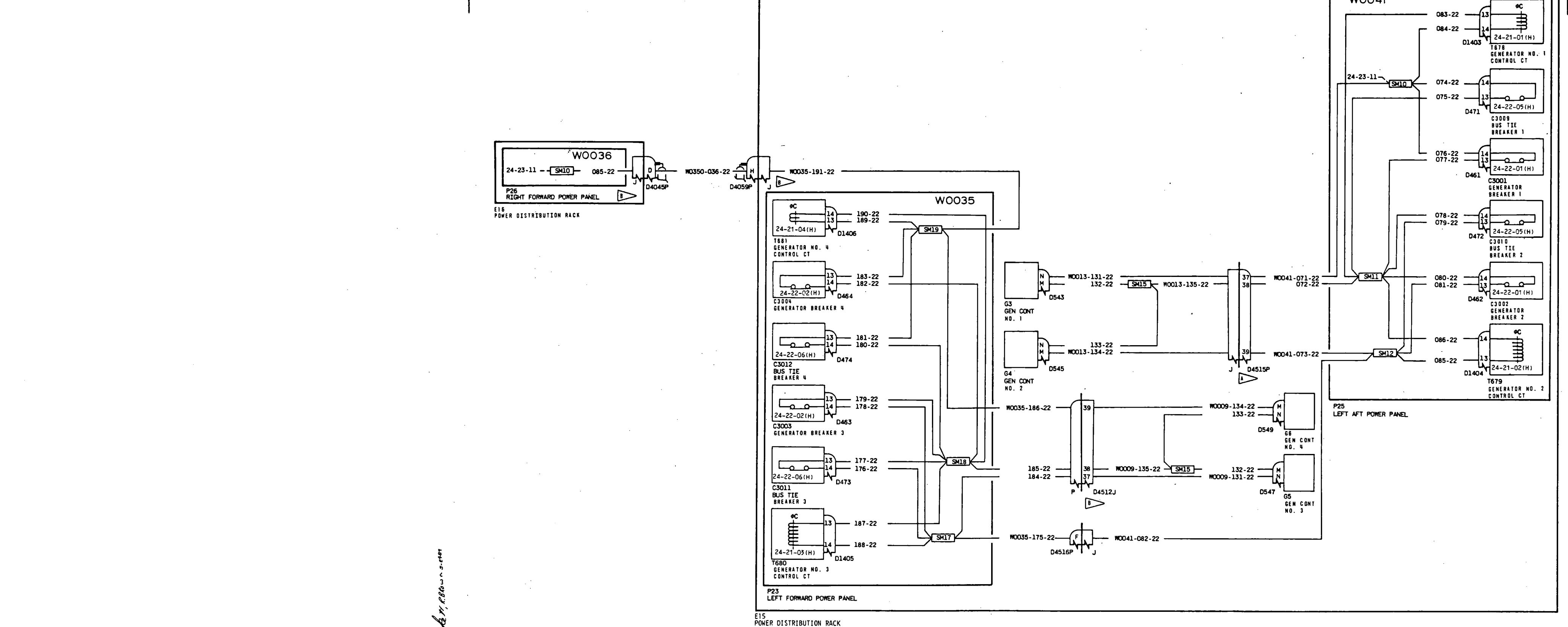
DRAFT: 5/20/89
TYPE: P&I
CHECK: 7/1/89

- NOTES:
- [A] ON AFT DISC PNL
 - [B] ON OUTBO DISC PNL

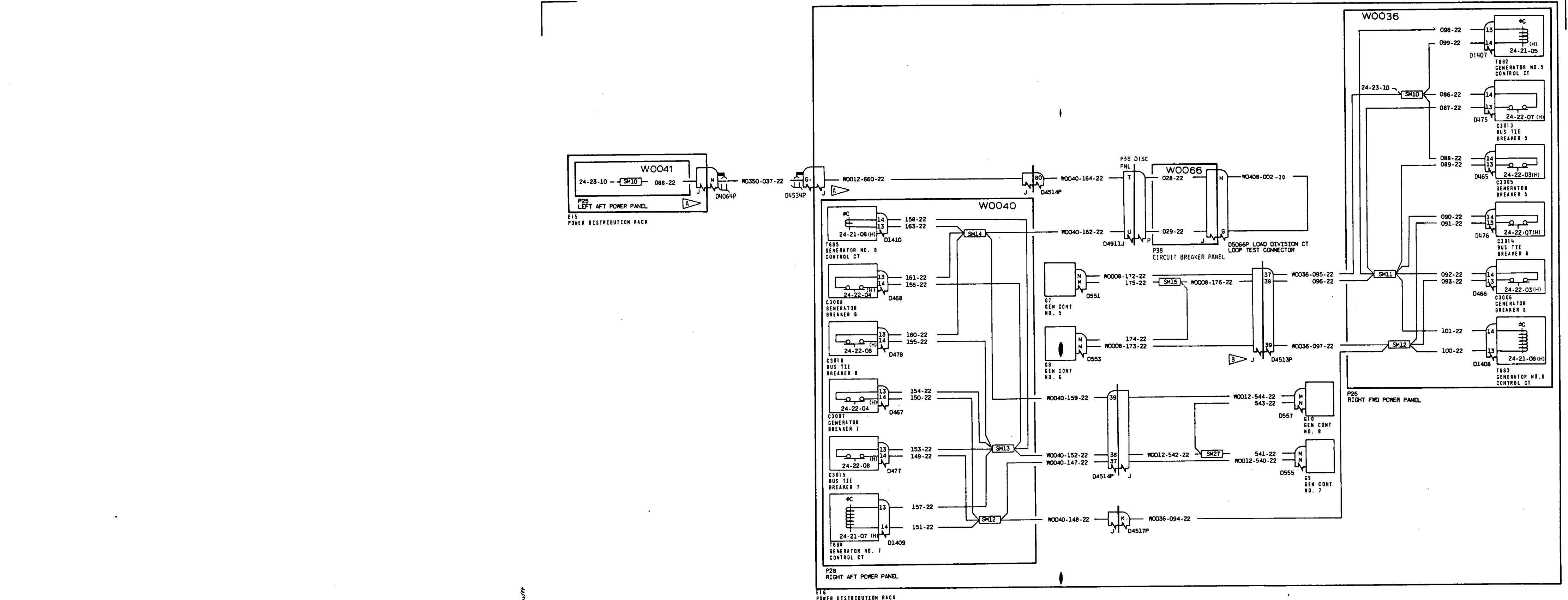
DATE DEC 15/89

CHANGE:

EFFECTIVITY	TITLE		
ALL	REAL LOAD DIVISION GENERATOR NO.5, NO.6, NO.7 AND NO.8		
DWG NO	REVISION	MODEL	CODE IDENT PAGE
572-05305	A	E - 3 A	81205 11-24-23-09-01



EFFECTIVITY	TITLE	
ALL	REAL LOAD DIVISION PROTECTION GENERATOR NO1, NO2, NO3, AND NO4	
DWG NO	REVISION	MODEL
572-05305	A	E-3 A 81205 11-24-23-10-O1



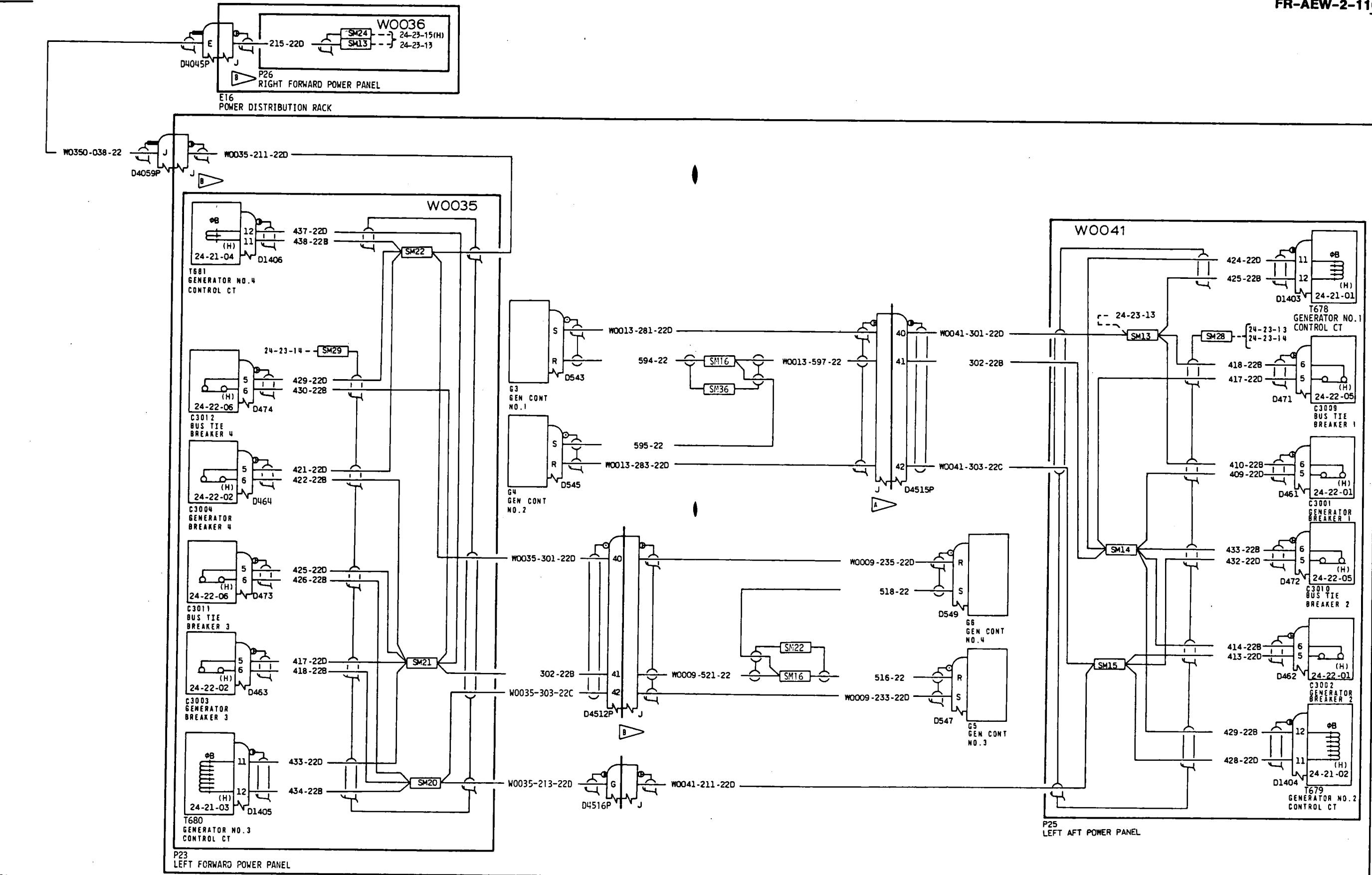
NOTE

S:
-> ON AFT DISC PNL
-> ON OUT8D DISC PNL

DATE: DEC 15/89

CHANGE:

EFFECTIVITY ALL		TITLE REAL LOAD DIVISION PROTECTION GENERATOR NO 5, NO 6, NO 7 AND NO 8			
DWG NO 572-05305	REVISION A	MODEL E-3A	CODE IDENT 81205	PAGE 11-24-23-11-01	



DRAFT: GH 2-2 K-4/96 MAR 1997

TYPE: CHECK 7/79

DATE DEC 15/89

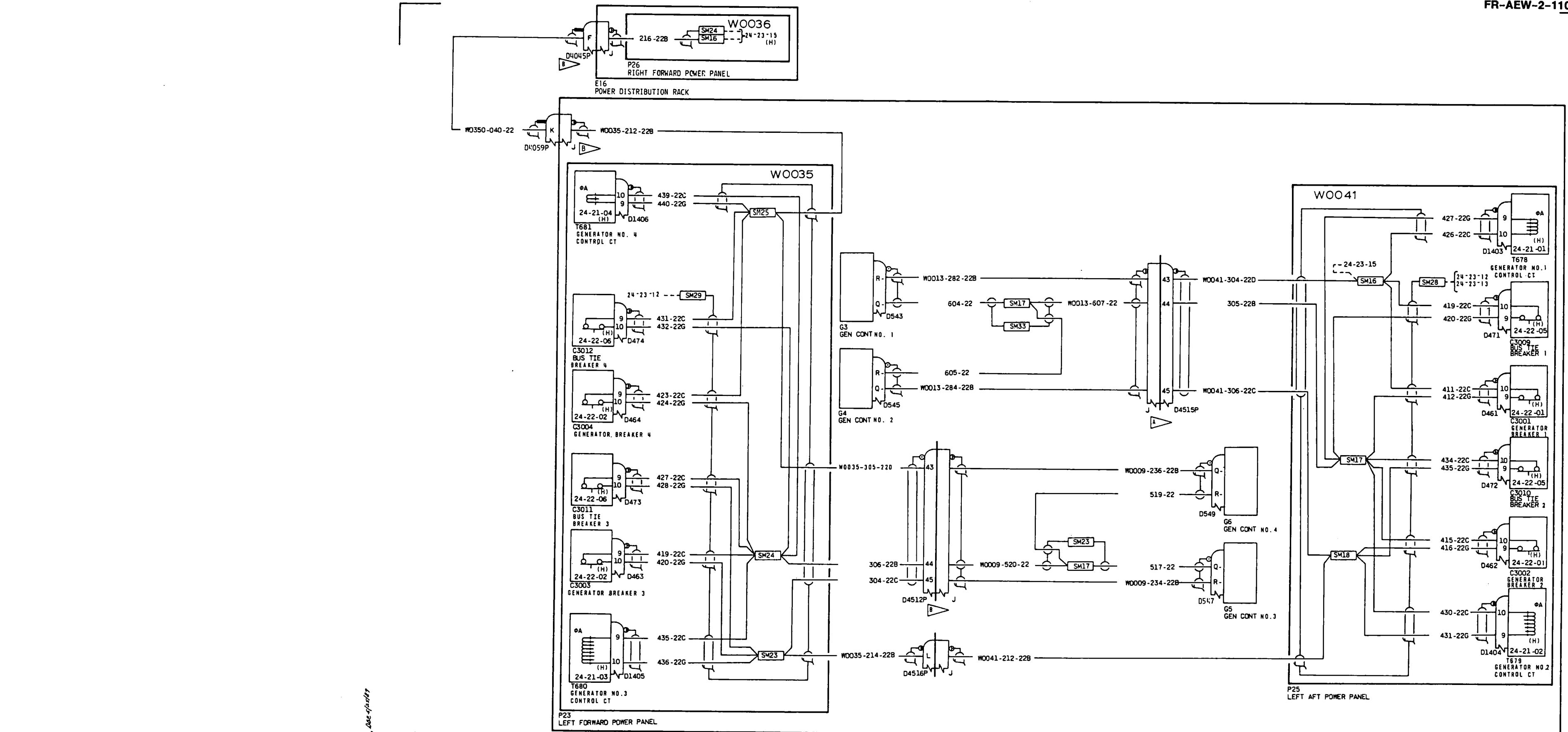
- NOTES:
- A ON AFT DISC PNL
 - B ON OUTBO DISC PNL

E15

POWER DISTRIBUTION RACK

CHANGE:

EFFECTIVITY		TITLE REACTIVE LOAD DIVISION GENERATOR NO. 1, NO. 2, NO. 3, AND NO. 4	
ALL			
DWG NO	REVISION	MODEL	CODE IDENT PAGE
572-05305	A	E - 3 A	81205 11-24-23-12-O1

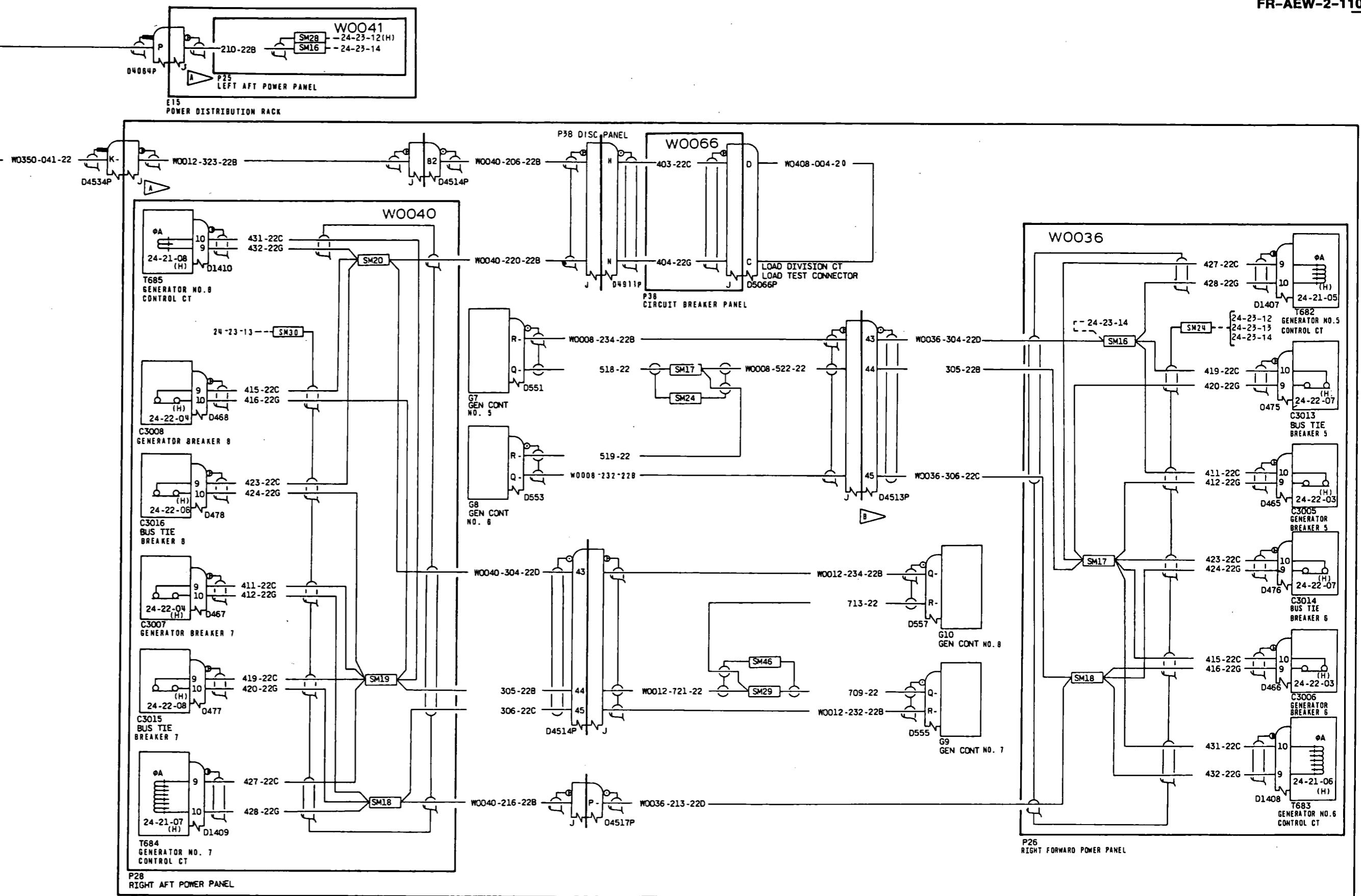


DRAFT GH 24-AUG-1986, Doc 930307

DATE DEC 15/89

CHANGE

EFFECTIVITY		TITLE OVER/UNDER EXCITATION PROTECTION GENERATOR NO. 1, NO. 2, NO. 3, AND NO. 4		
ALL				
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	A	E-3	81205	11-24-23-14-01

DRAFT ISH 25/10/87
TYPE 25/10/87
CHECK 25/10/87

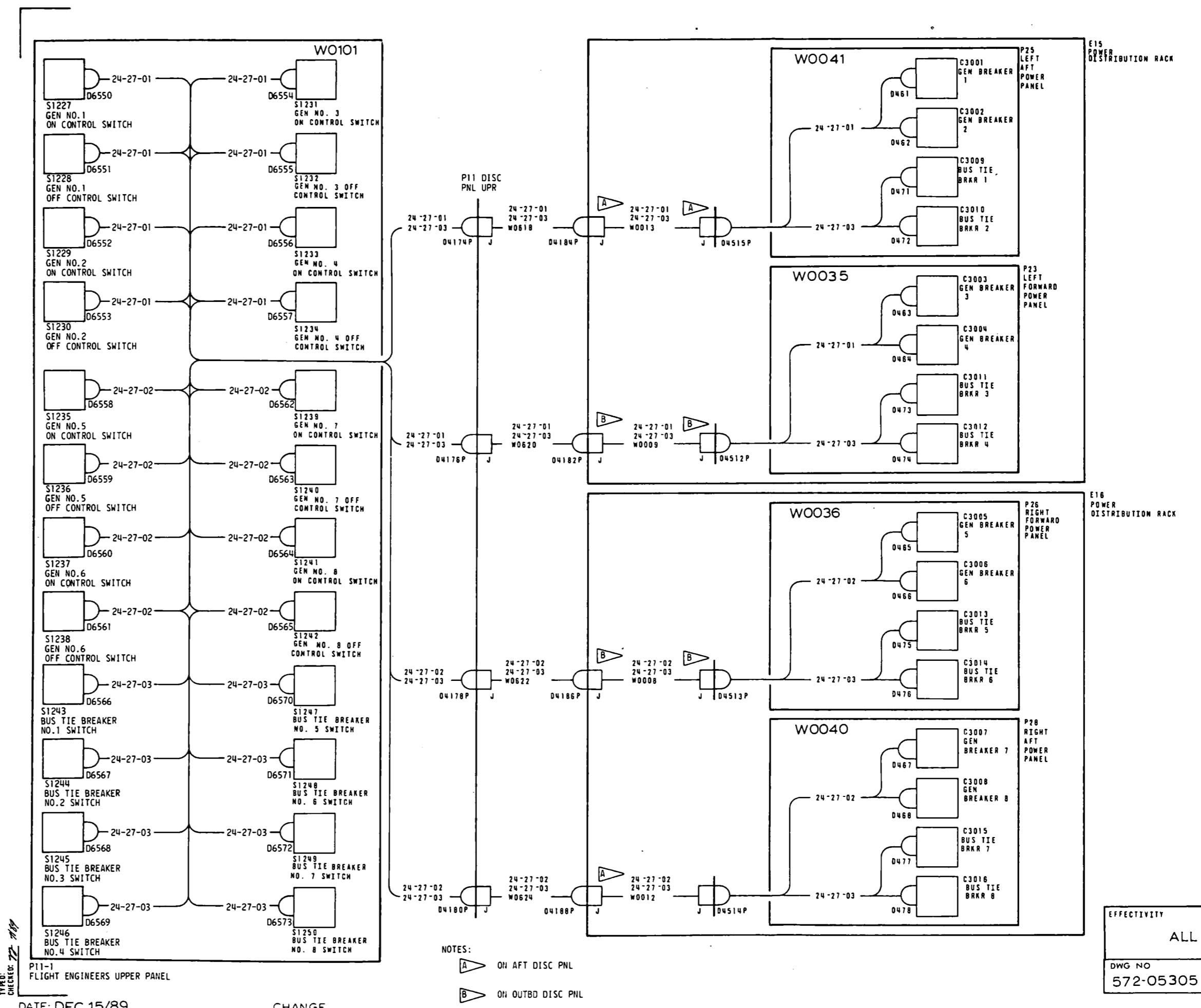
DATE DEC 15/89

NOTES:
 ▲ ON AFT DISC PNL
 △ ON OUTBO DISC PNL

E16
POWER DISTRIBUTION RACK

CHANGE

EFFECTIVITY		TITLE OVER/UNDER EXCITATION PROTECTION GENERATOR NO. 5, NO. 6, NO. 7, AND NO. 8		
ALL		DWG NO	REVISION	MODEL
572-05305	A	E-3 A	81205	11-24-23-15-01

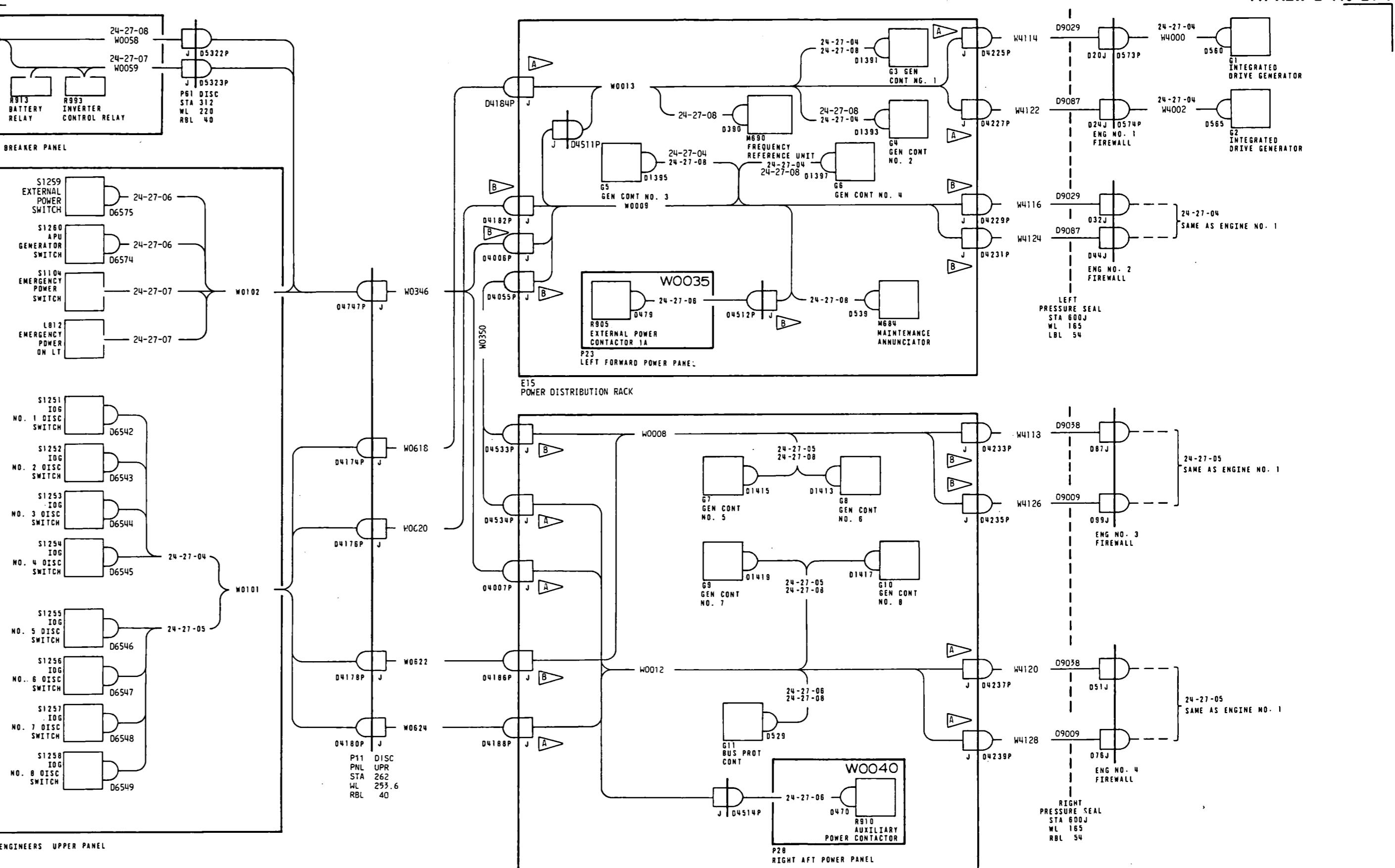
DRAFTED: 11-8-1986
TYPE: 11-8-1986
CHECKED: 11-8-1986P11-1
FLIGHT ENGINEERS UPPER PANEL

DATE: DEC 15/89

CHANGE

NOTES:

- A → ON AFT DISC PNL
B → ON OUTBD DISC PNL

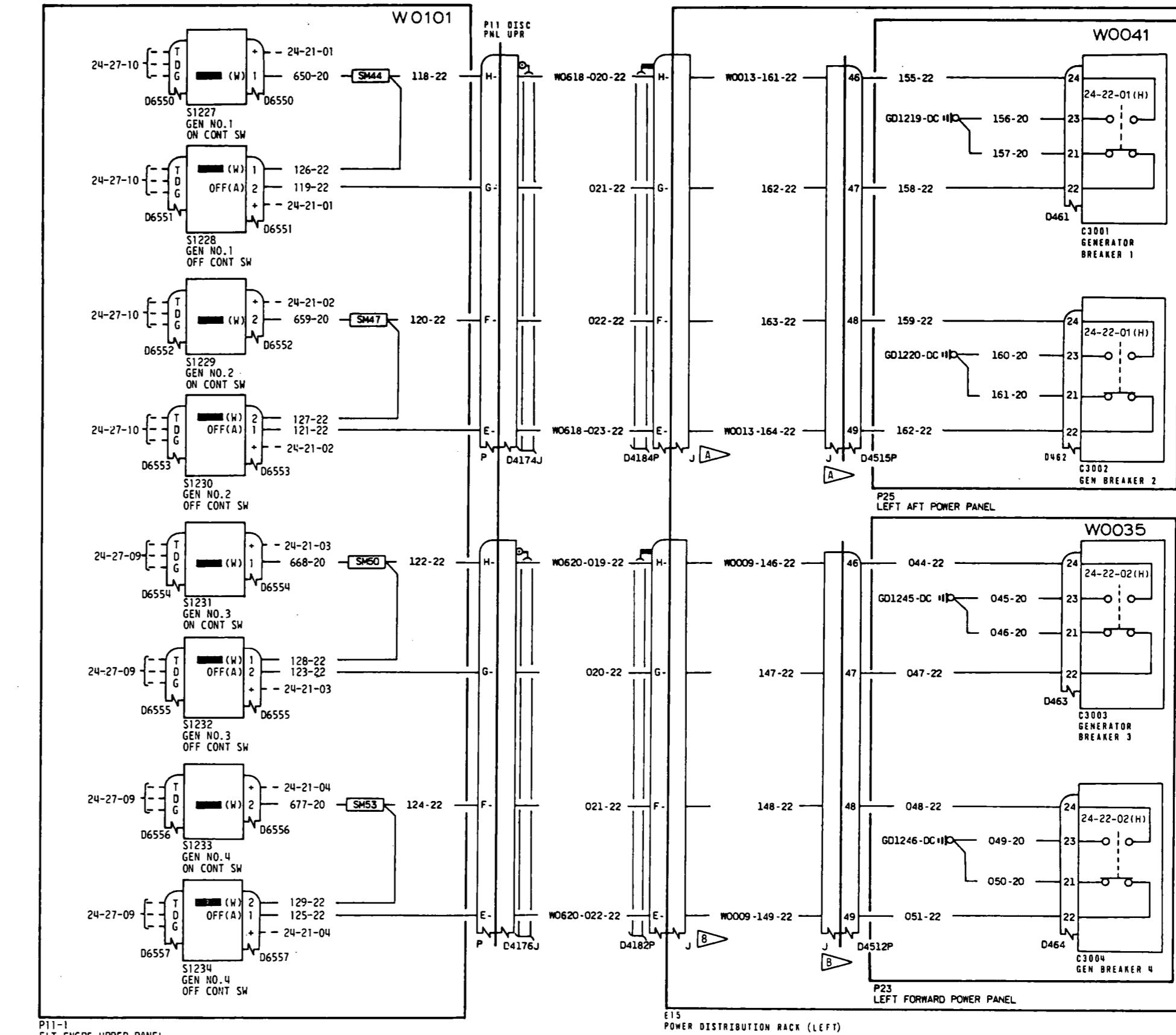
DRAFT: 25 Dec 92
TYPE: 107
CHECK: 107

DATE DEC 15/89

CHANGE:

E16 POWER DISTRIBUTION RACK

EFFECTIVITY		TITLE CONSTANT SPEED DRIVE NO. 1 THRU NO. 8, EXTERNAL APU POWER, EMERGENCY POWER AND MAINTENANCE ANNUNCIATION BLOCK		
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	A	E-3 A	81205	11-24-27-B2-01

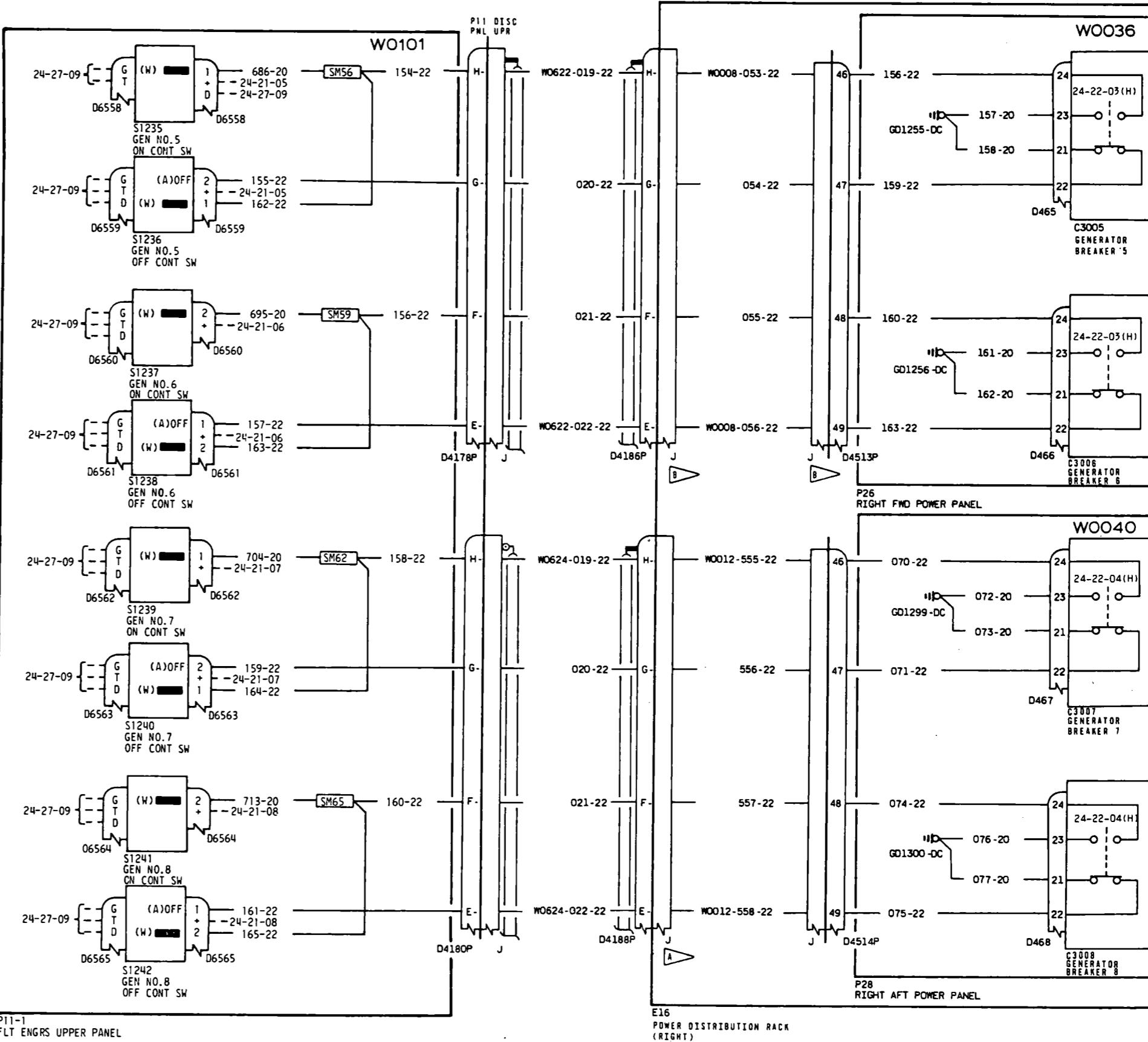


EFFECTIVITY	TITLE
ALL	GENERATOR CIRCUIT BREAKER NO. 1, NO. 2, NO. 3, AND NO. 4 ANNUNCIATOR
DWG NO	MODEL
572-05305	E-3 A

REVISION

CODE IDENT PAGE

81205 11-24-27-01-01



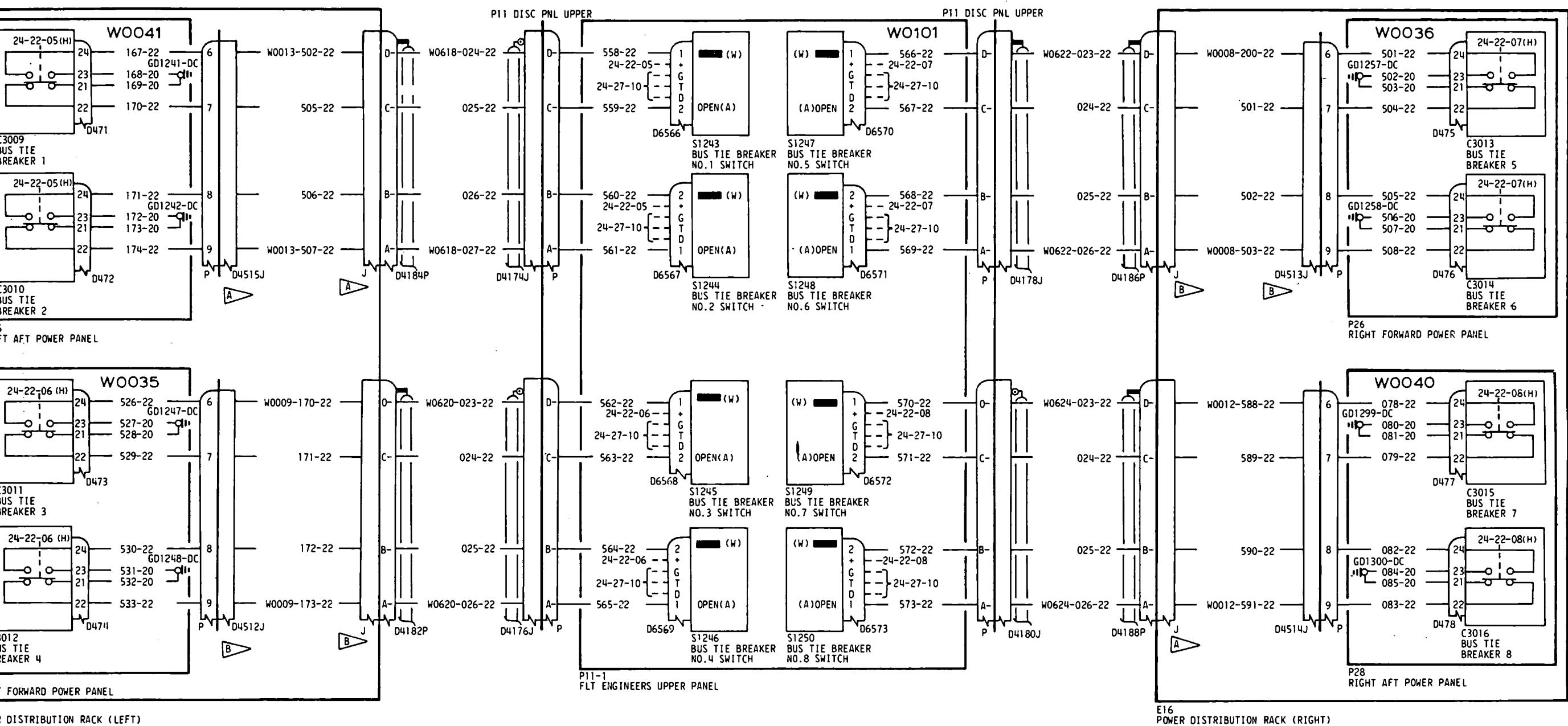
P11-1

FLT ENGRS UPPER PANEL

DRAFT: *Initial Configuration 3.11 v.5, DDC-27-02-07*
 TYPE: *CHECK* *A* *B*
 NOTES:
A ON AFT DISC PNL
B ON OUTBO DISC PNL
 DATE:

CHANGE:

EFFECTIVITY	TITLE			
ALL	GENERATOR CIRCUIT			
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	A	E-3A	81205	11-24-27-02-01

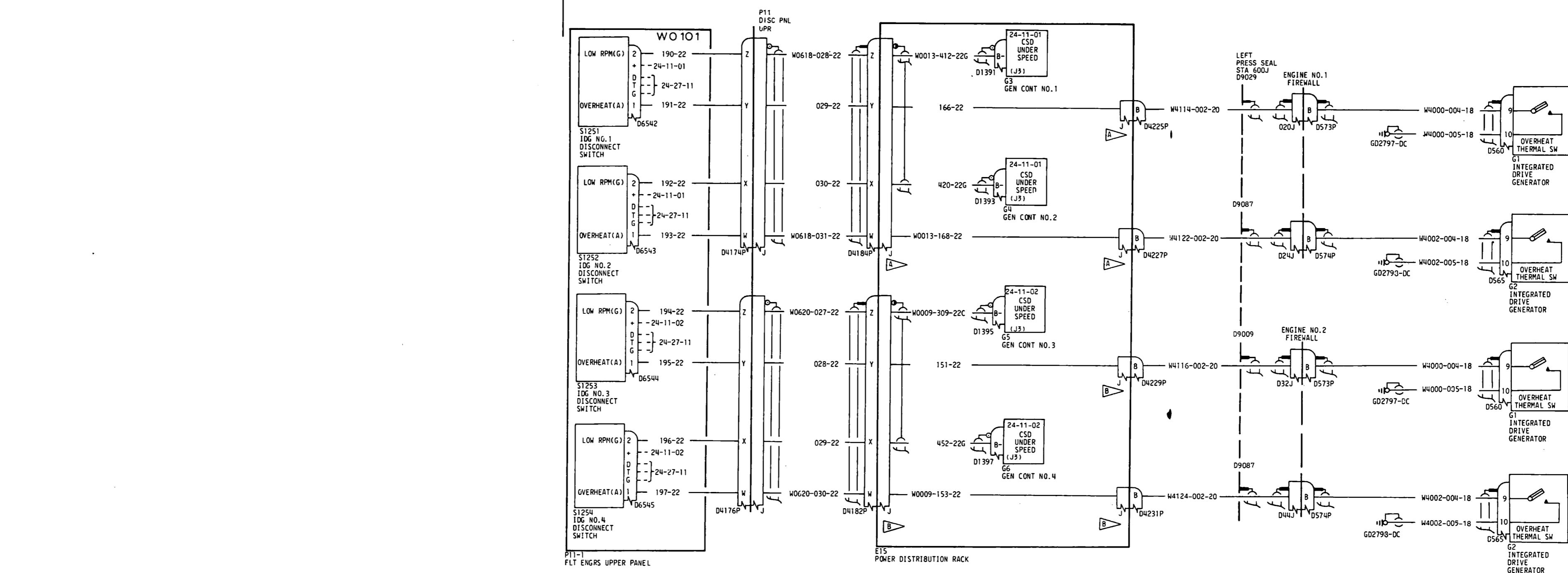
DRAFT: SHARON T. / 3 / 3 / 83 202-109-11
TYPE: CHECK: *[initials]*

- NOTES:
 A ON AFT DISC PNL
 B ON OUTBO DISC PNL

DATE: DEC 15/89

CHANGE:

EFFECTIVITY		TITLE	
ALL		BUS TIE BREAKER ANNUNCIATION	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E - 3 A	81205
			11-24-27-03-01



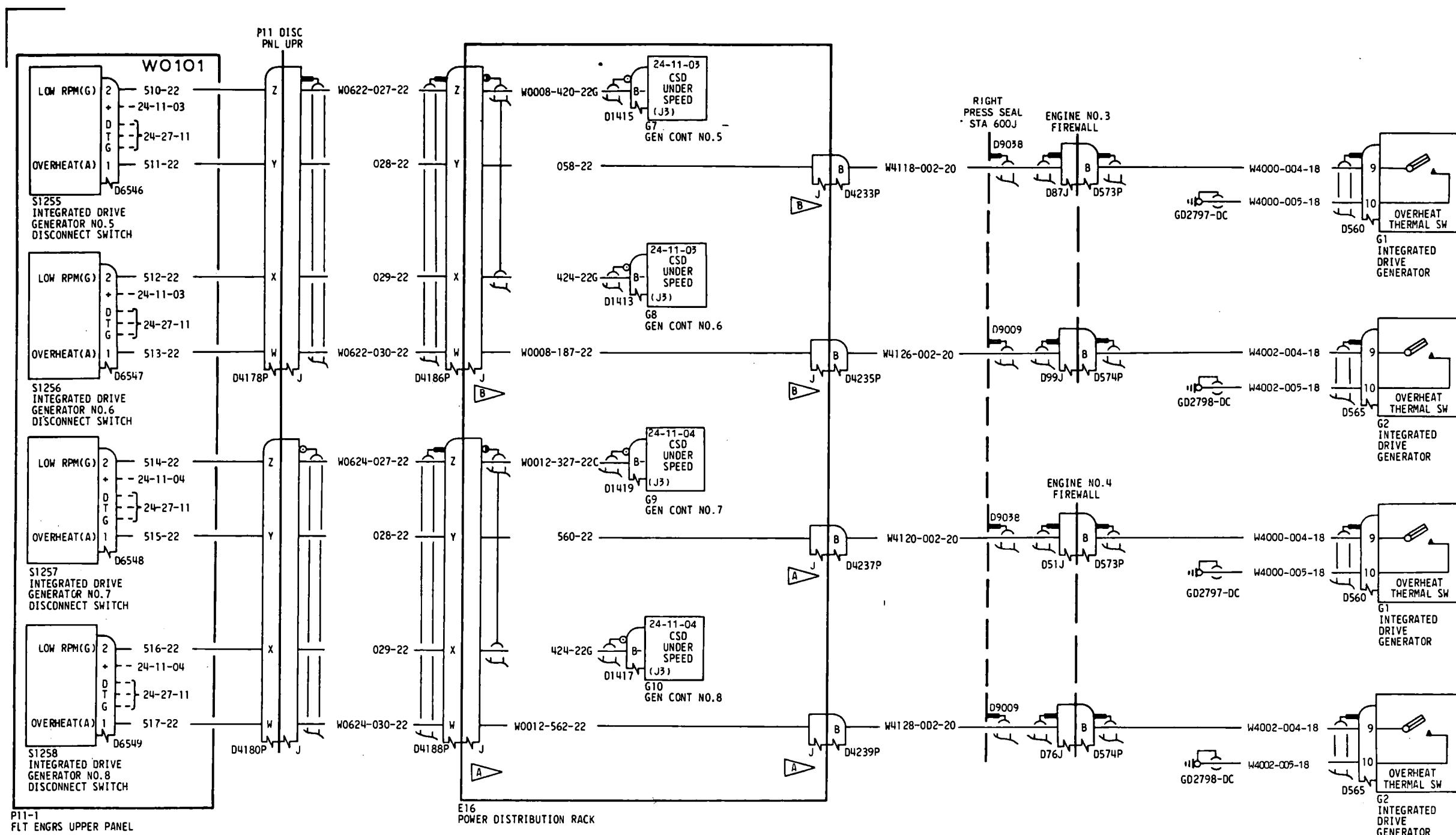
CHECK: ✓ ✓

GTES:
A > ON AFT DISC PNL
B > ON OUTBD DISC PNL

DATE: DEC 15/89

CHANGE:

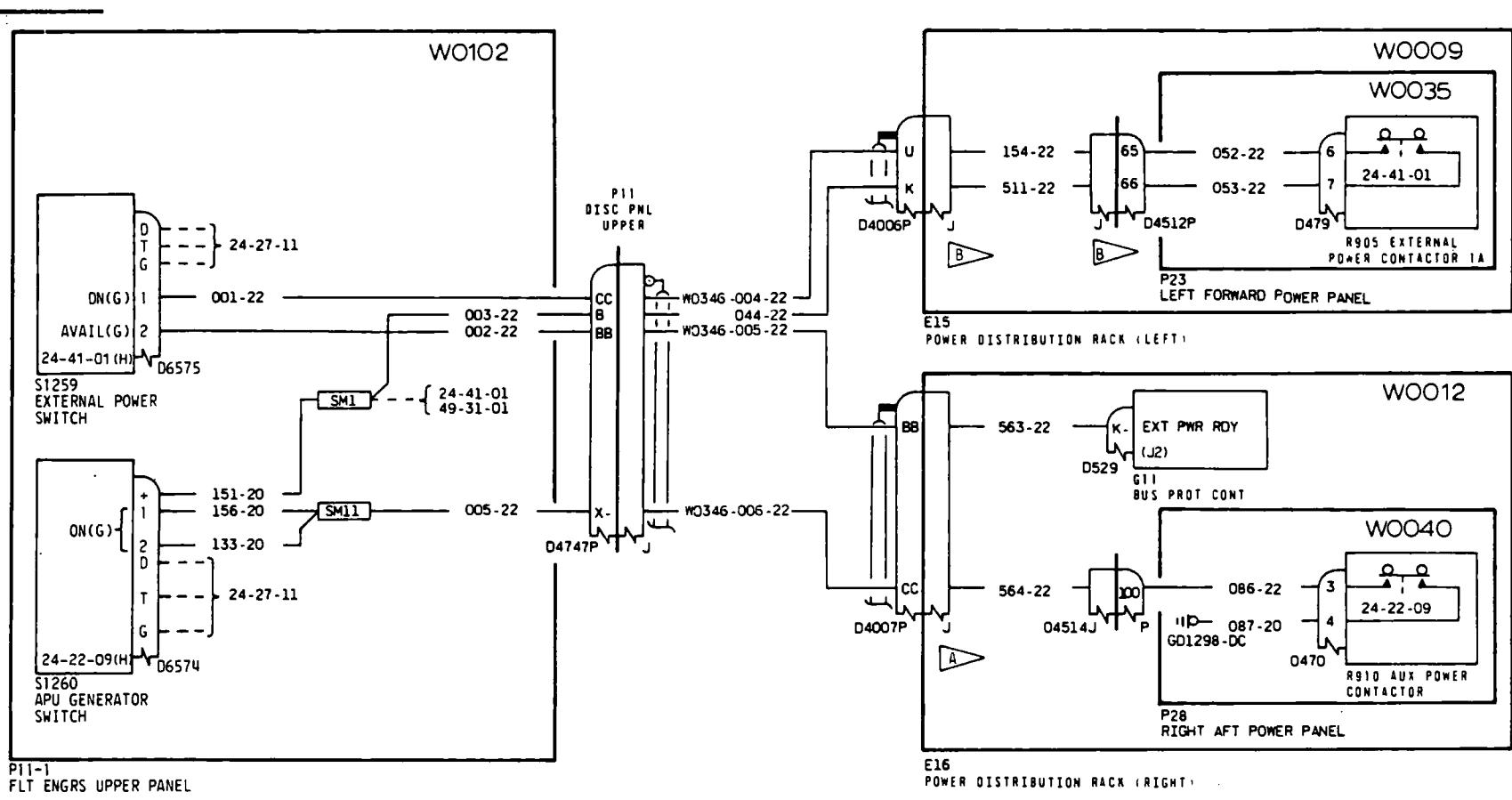
EFFECTIVITY ALL		TITLE CONSTANT SPEED DRIVE NO. 1, NO. 2, NO. 3 AND NO. 4 ANNUNCIATION		
DWG NO 572-05305	REVISION A	MODEL E - 3 A	CODE IDENT 81205	PAGE 11-24-27-04-01



DRAFT: 12/15/89
TYPE: CHECKED BY: DATE: DEC 15/89
NOTES:
A ON AFT DISC PNL
B ON OUTBO DISC PNL

CHANGE:

EFFECTIVITY		TITLE	
ALL		CONSTANT SPEED DRIVE NO 5, NO 6, NO 7 AND NO 8 ANNUNCIATION	
DWG NO	REVISION	MODEL	CODE IDENT PAGE
572-05305	A	E-3 A	81205 11-24-27-05-01



- NOTES:
- [A] ON AFT DISC PNL
 - [B] ON OUTBO DISC PNL

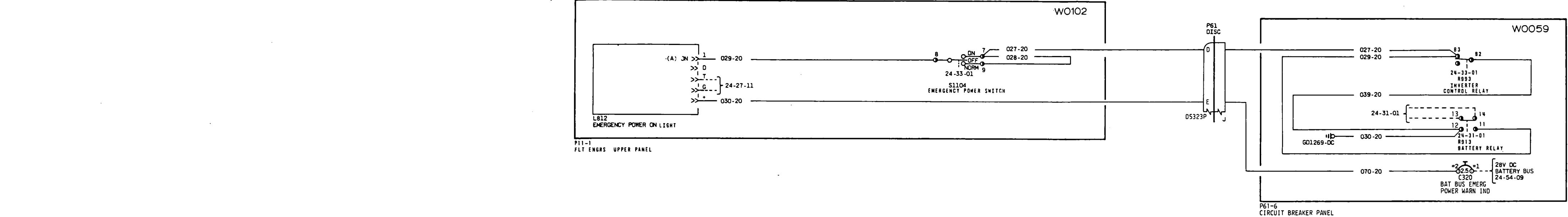
DRAFT: 11-24-89
TYPE: CHECKED
DATE: DEC 15/89

DATE DEC 15/89

CHANGE

EFFECTIVITY		TITLE	
ALL		EXTERNAL APU POWER ANNUNCIATION	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205

11-24-89 ORIG. 1-73



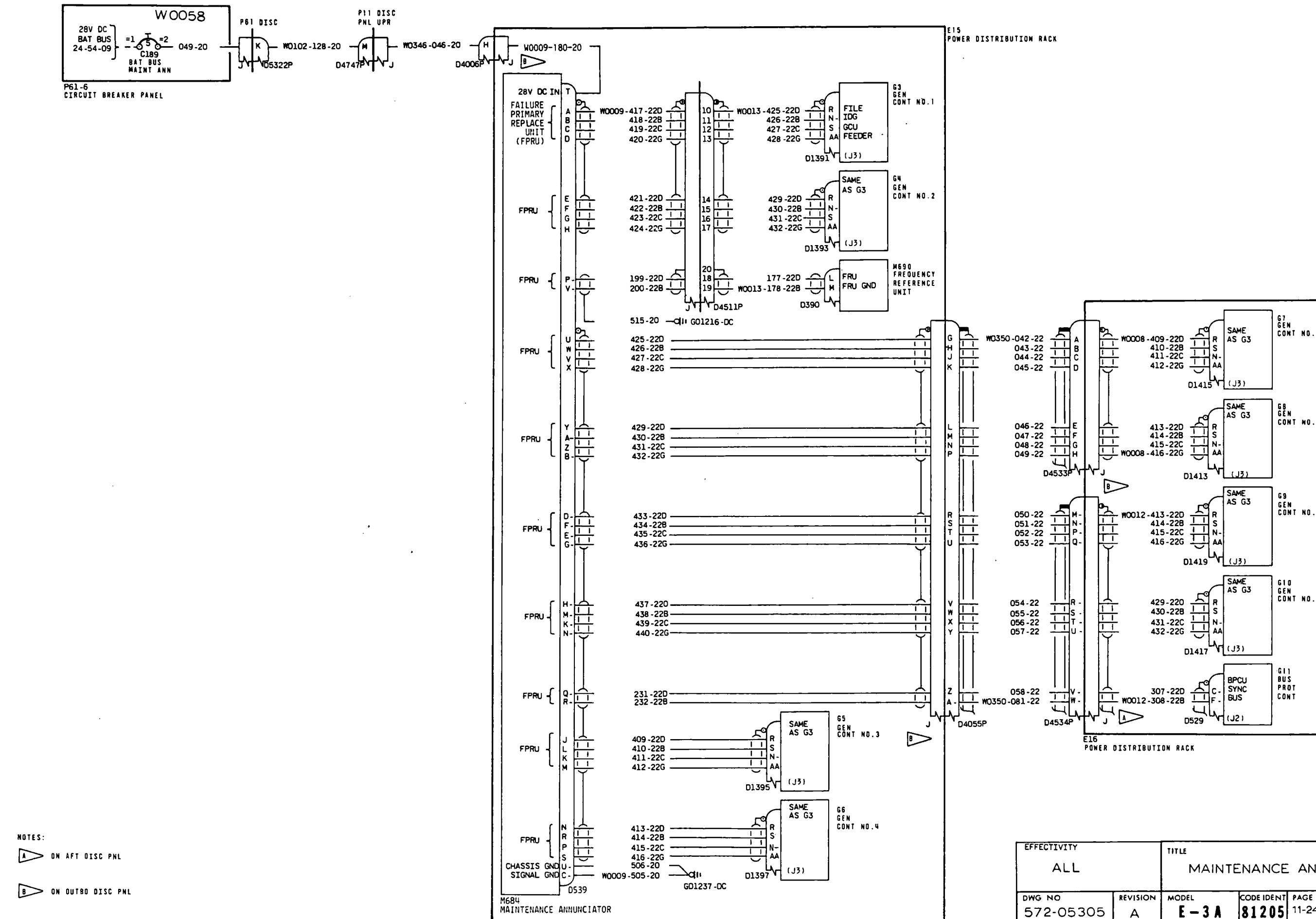
DRAFT: G. HENRY
TYPE: CHECK 7-27-89

DATE: DEC 15/89

CHANGE

EFFECTIVITY		TITLE	
ALL		EMERGENCY POWER ANNUNCIATION	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205

N-20103 ORIG. 1-72

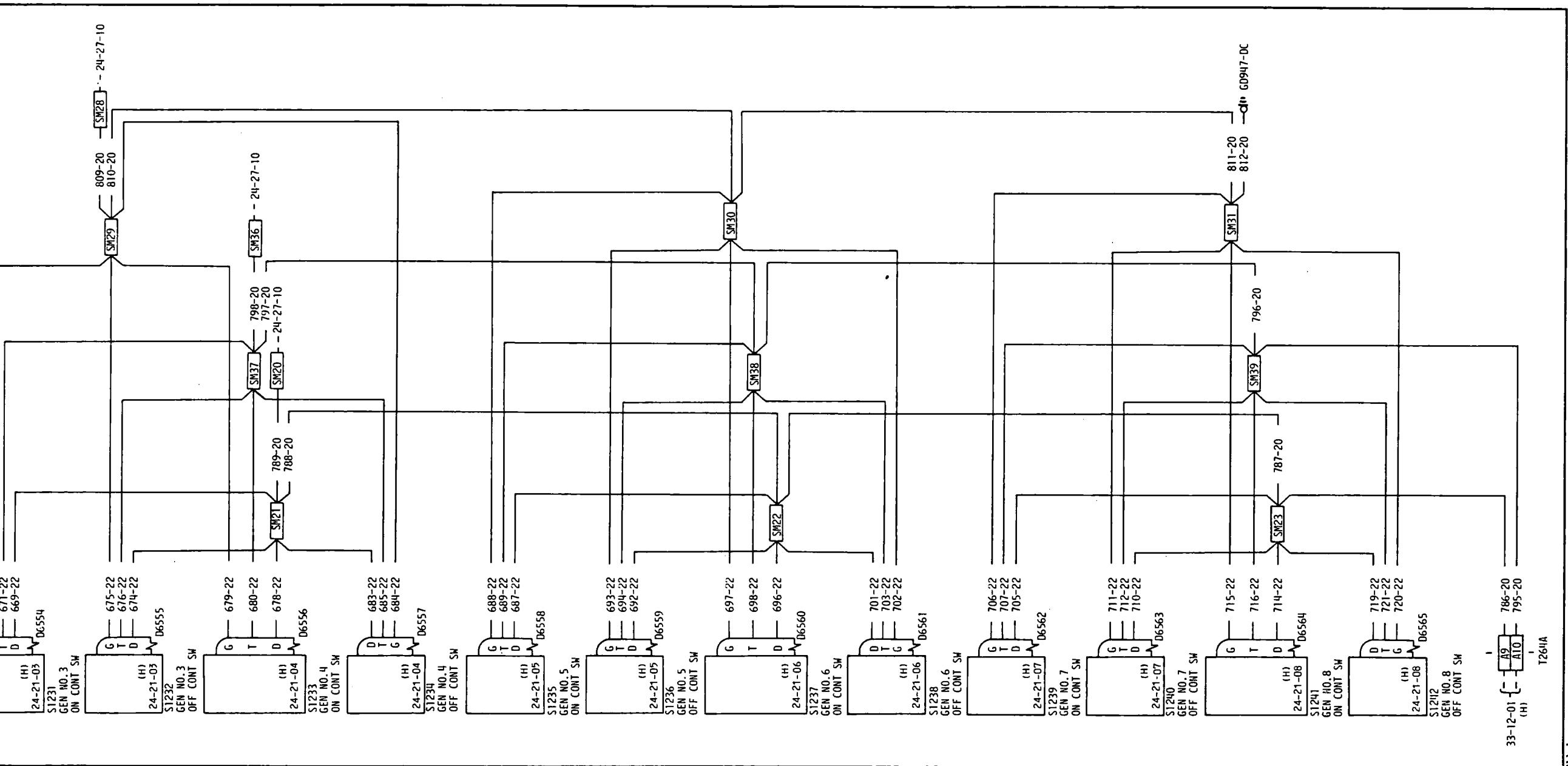


N

B > ON OUTBO DISC PNL

DEC 15/89

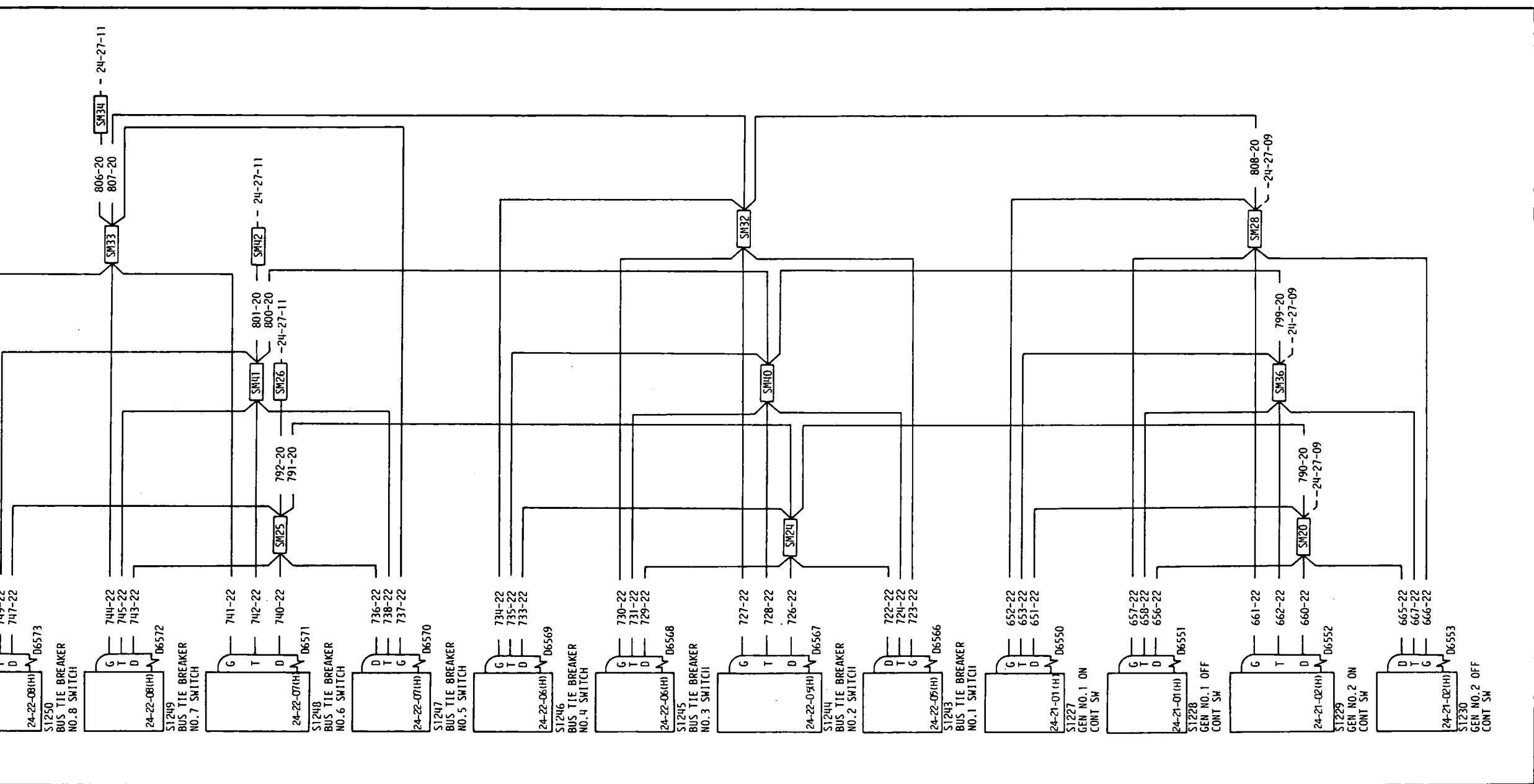
CHANGE

P11-1
FLT ENGRS UPPER PANEL

DRAFT: 10/10/89
TYPE: CHECKED
DATE: DEC 15/89

CHANGE

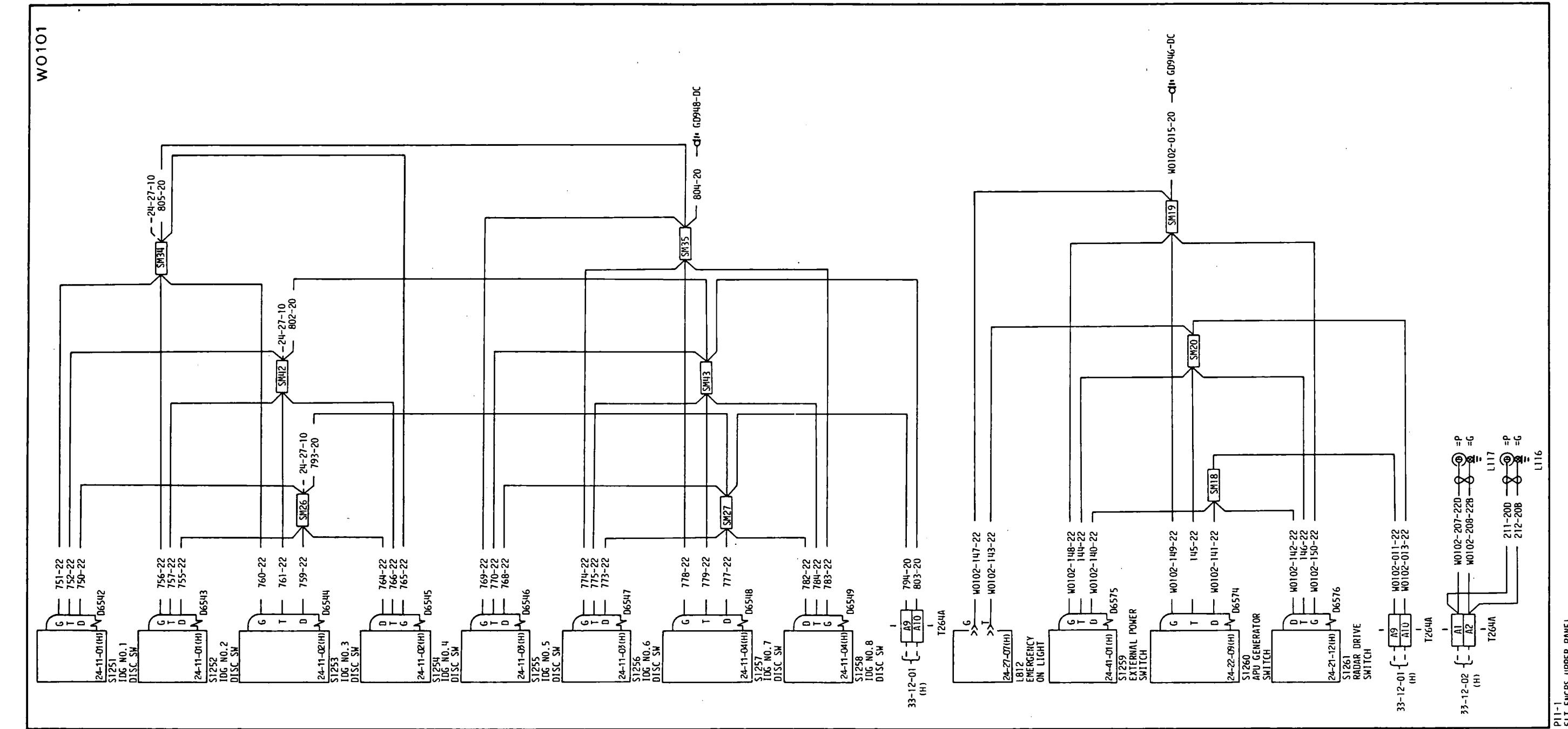
EFFECTIVITY		TITLE	
ALL		P11 POWER SYSTEM SWITCH LIGHTING	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205
			PAGE 11-24-27-09-01

P11-
PLT ENGRS UPPER PANEL

DRAFT: 10-24-89 DATE: 5-24-09
 TYPE: CHECK: 11-19-89
 DATE DEC 15/89

CHANGE

EFFECTIVITY	TITLE	
ALL		P11 POWER SYSTEM SWITCH LIGHTING
DWG NO	REVISION	MCDEL
572-05305	A	E-3 A
		CODE IDENT PAGE 81205 11-24-27-10-01

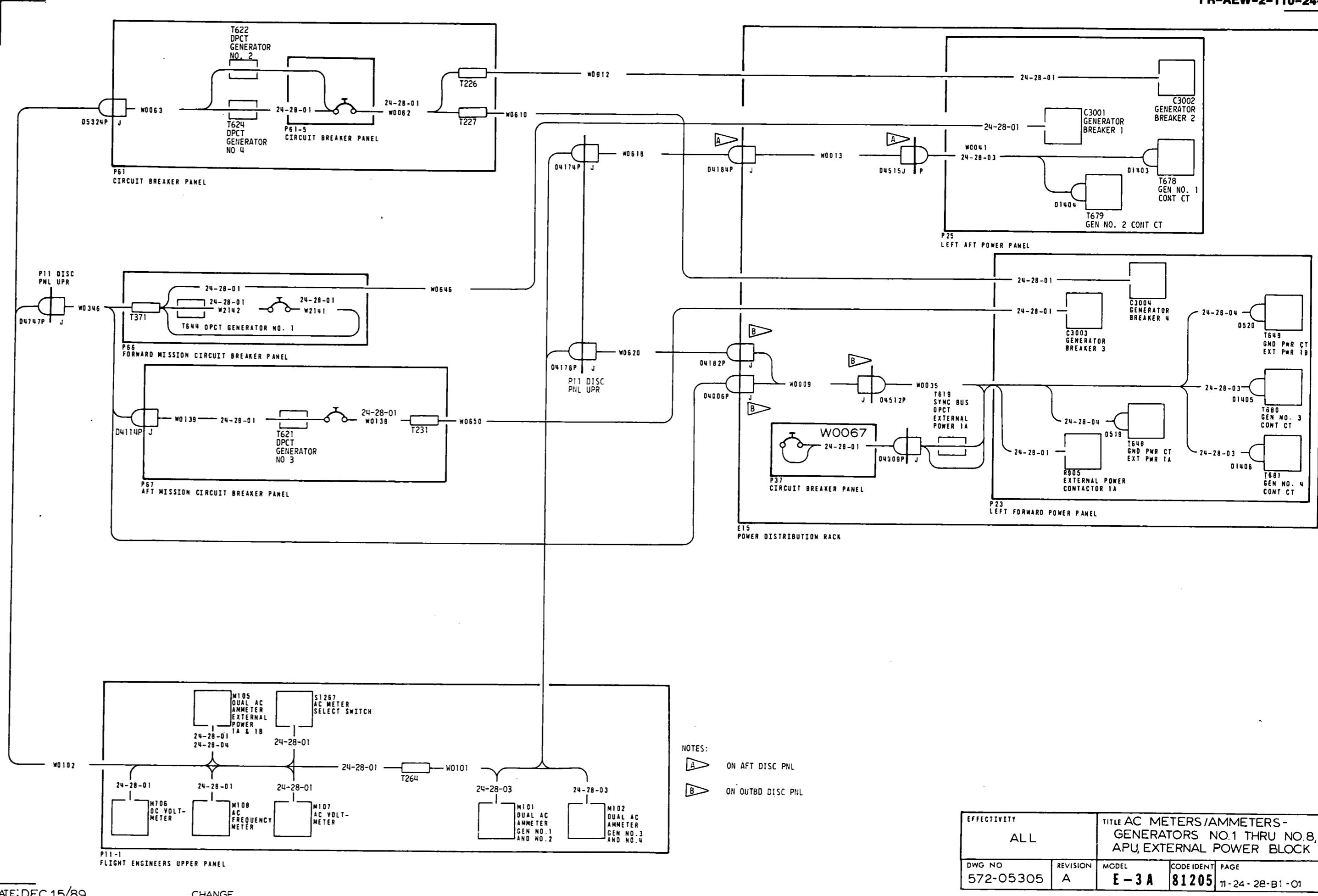


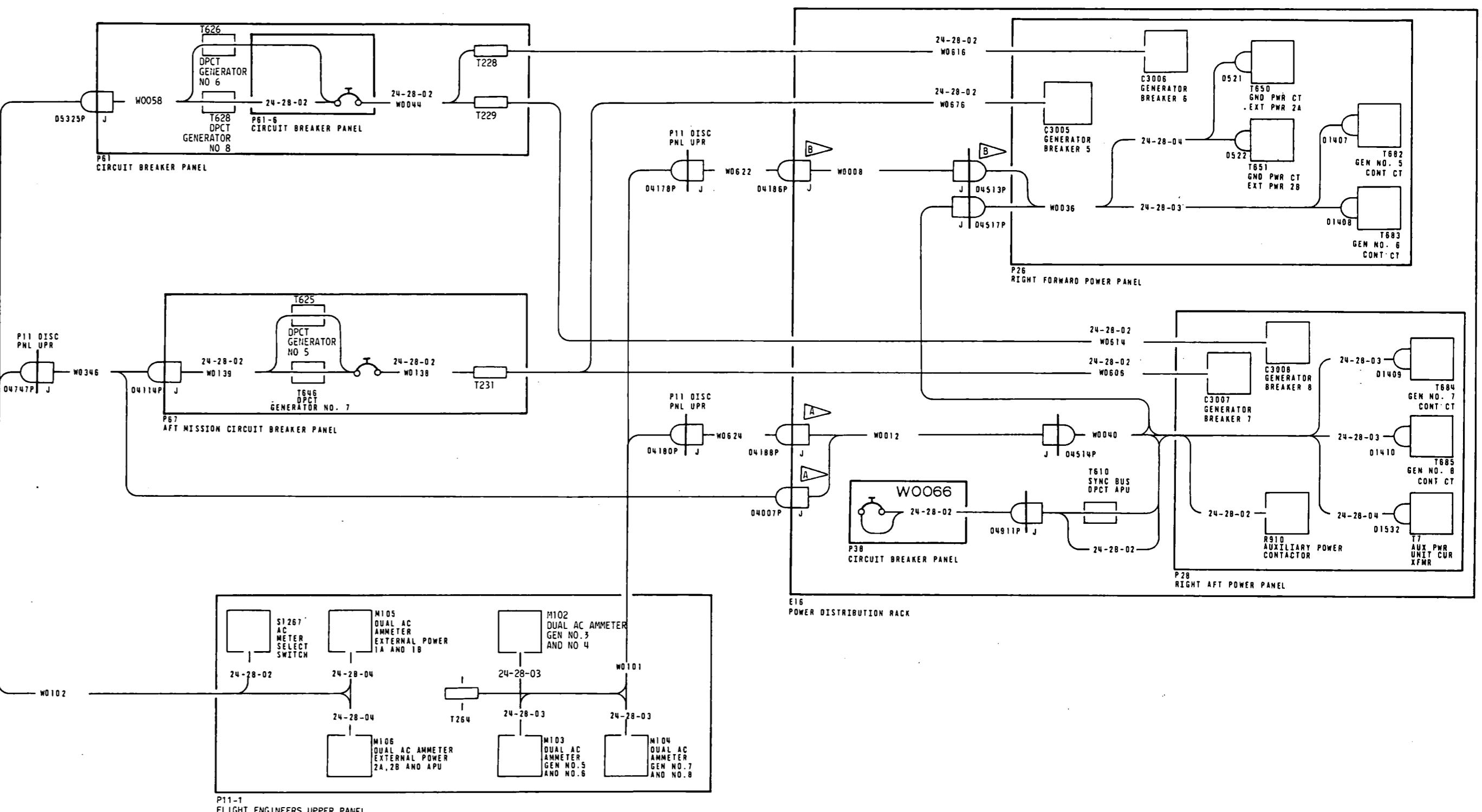
OECD, 2007, 5/10, 10/10

DATE DEC 15/89

CHANG

EFFECTIVITY ALL		TITLE P11 POWER SYSTEM SWITCH LIGHTING		
DWG NO 572-05305	REVISION A	MODEL E - 3 A	CODE IDENT 81205	PAGE 11-24-27-11-01





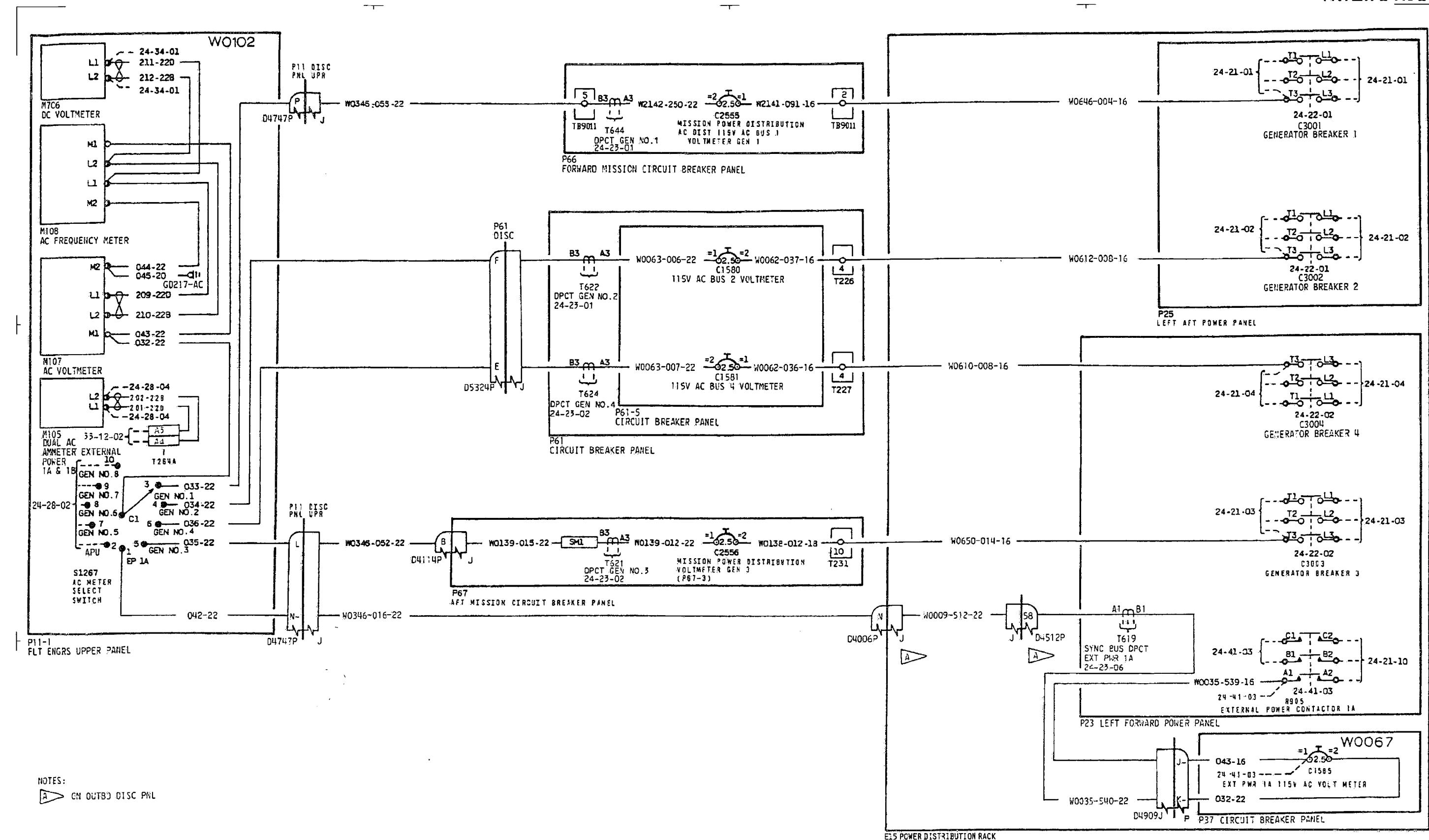
ON AFT DISC PNL

ON OUTBD DISC PNL

: DEC 15/89

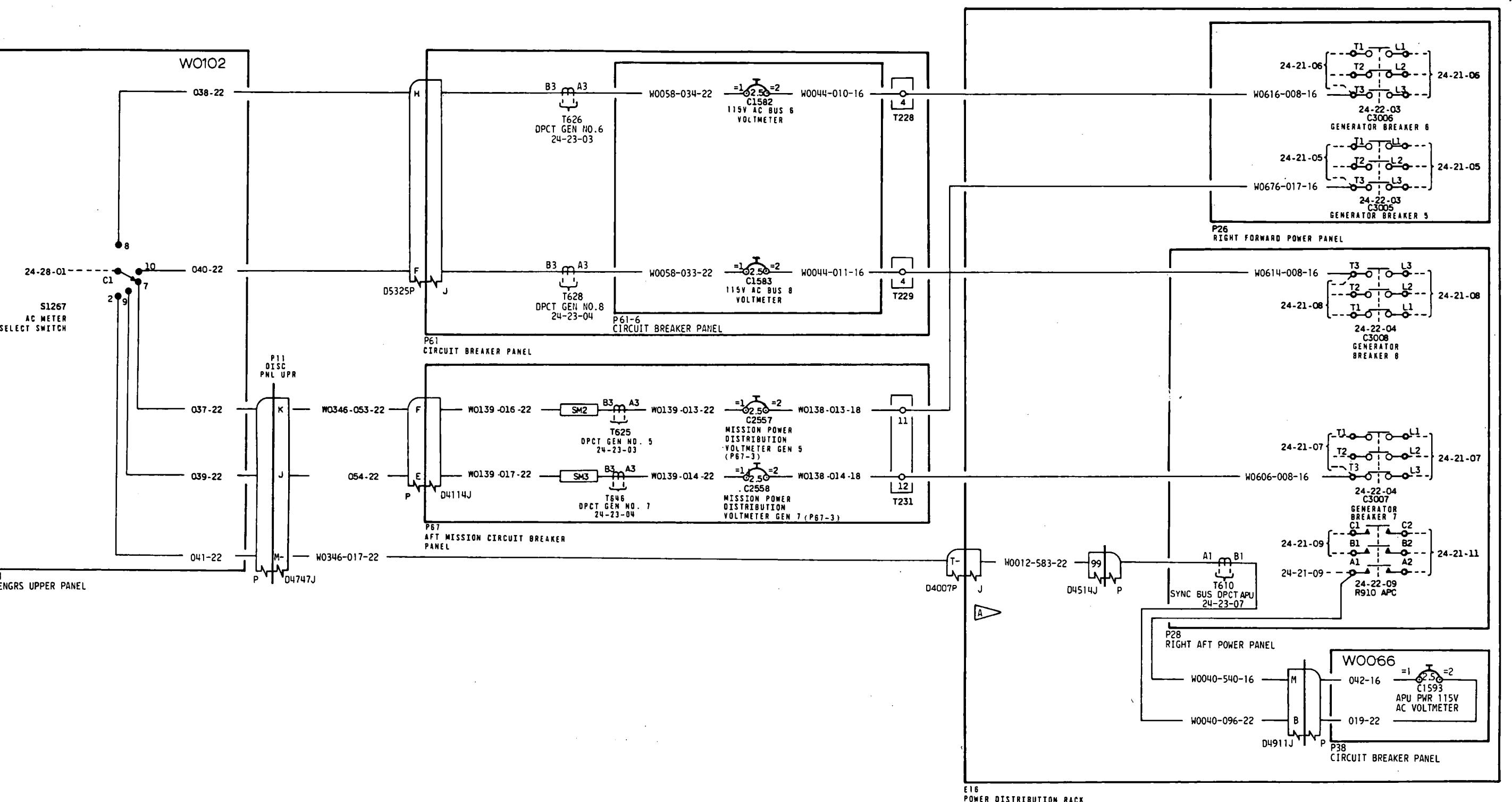
ANGE

EFFECTIVITY ALL		TITLE AC METERS/AMMETERS- GENERATORS NO.1 THRU NO.8, APU, EXTERNAL POWER BLOCK		
DWG NO 572-05305	REVISION A	MODEL E-3 A	CODE IDENT 81205	PAGE 11-24-28-B2-01

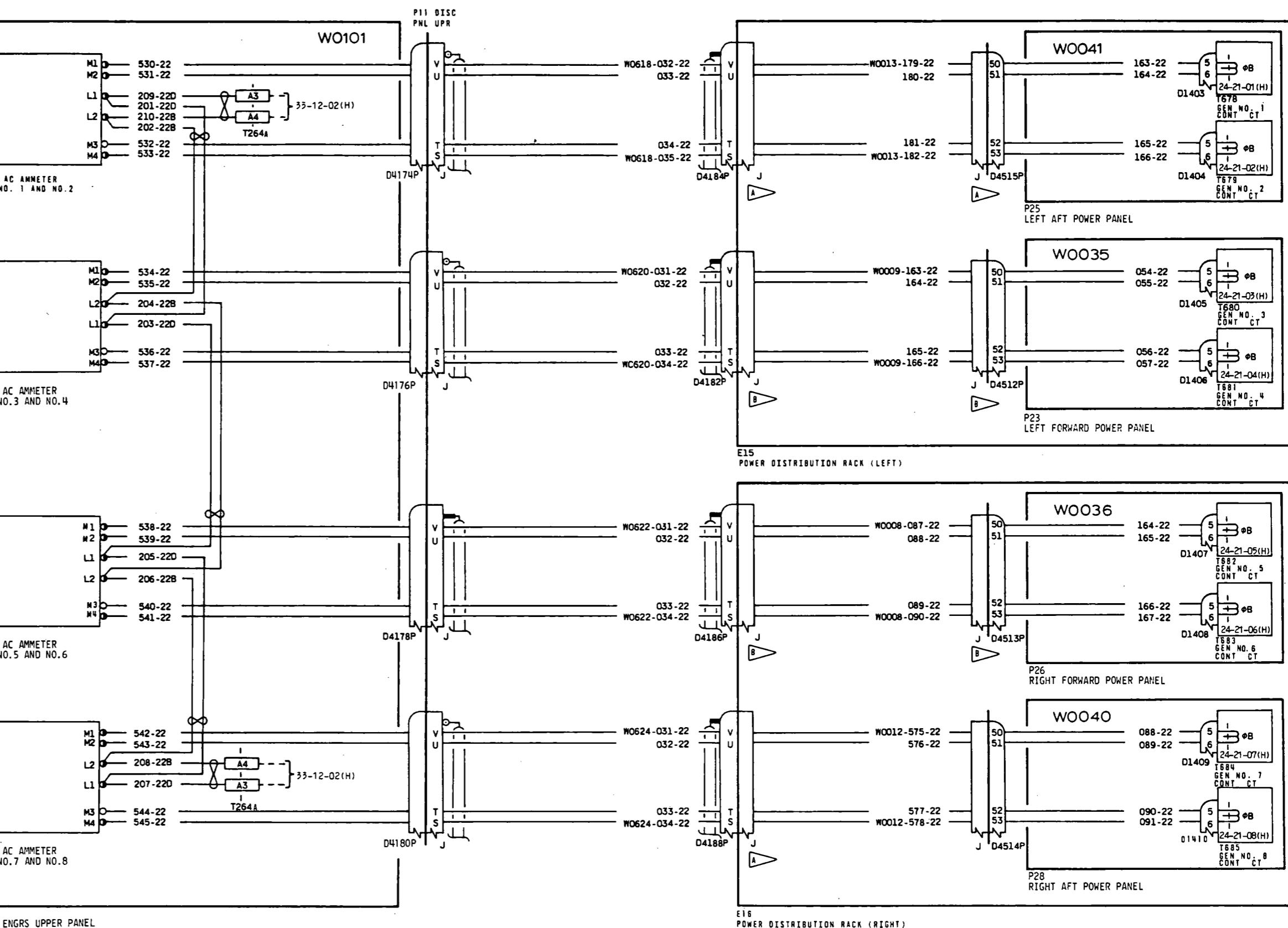


MODIFICATIONS ARE LOCATED IN SHADED AREAS			

EFFECTIVITY:		TITLE		
ALL	IN SHADED AREAS	AC METERS-EXTERNAL POWER AND GENERATOR N.1,N.2,N.3, AND N.4	MODEL	CODE IDENT PAGE
DWG NO 572-05305	REVISION W	MODEL E-3F	CODE IDENT F3033	PAGE 11-24-28-01-01



EFFECTIVITY		TITLE	
ALL		AC METERS - APU AND GENERATOR NO. 5 NO. 6, NO. 7 AND NO. 8	
DWG NO	REVISION	MODEL	CODE IDENT PAGE
572-05305	A	E-3 A	81205 11-24-28-02-01

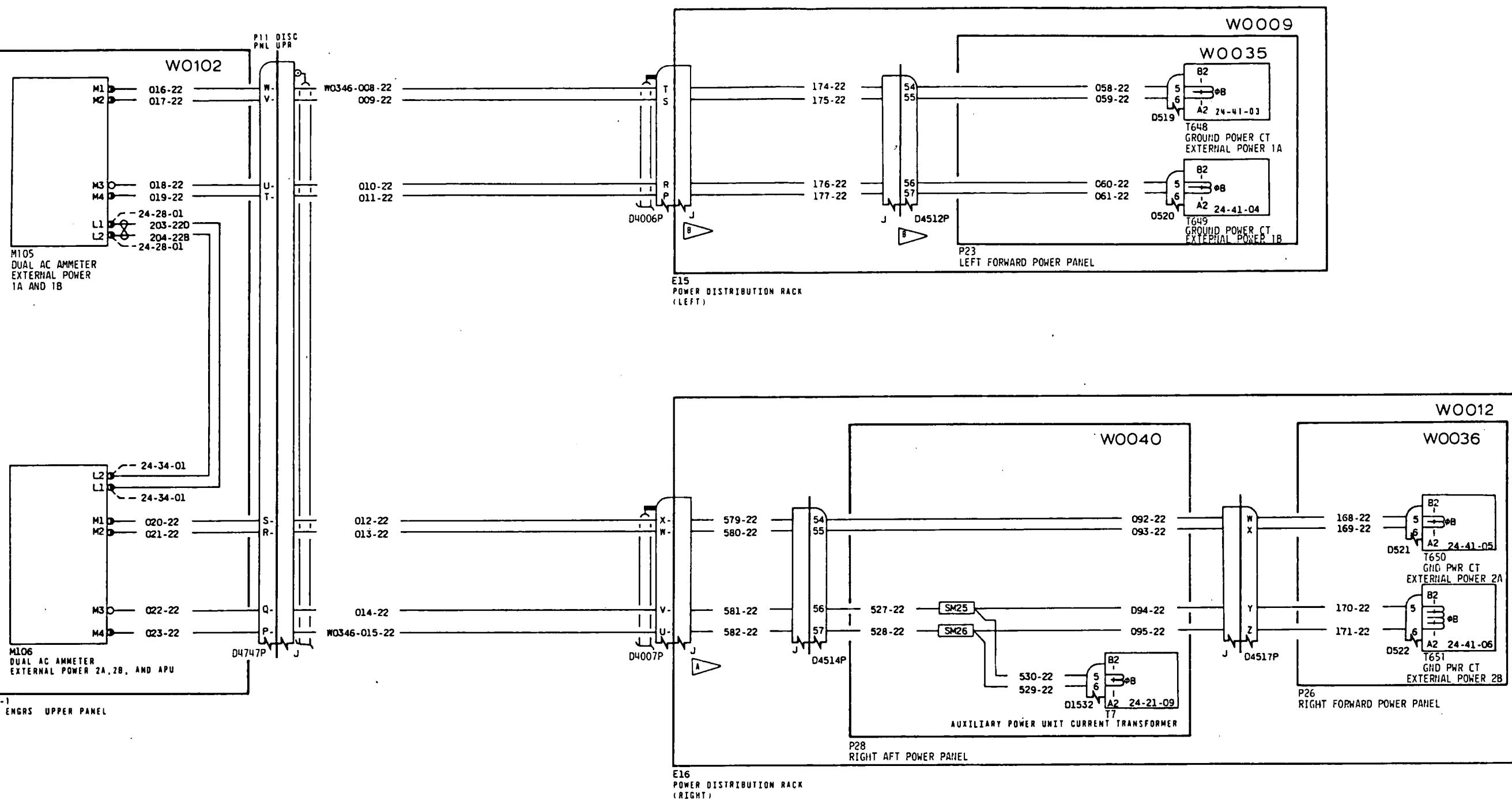


DRAFT: K. McGOWAN 18-73 DATE: 5/29/87, REV: 1000
TYPE: S-1 CHECK: 5/17/89

DATE: DEC 15/89

CHANGE

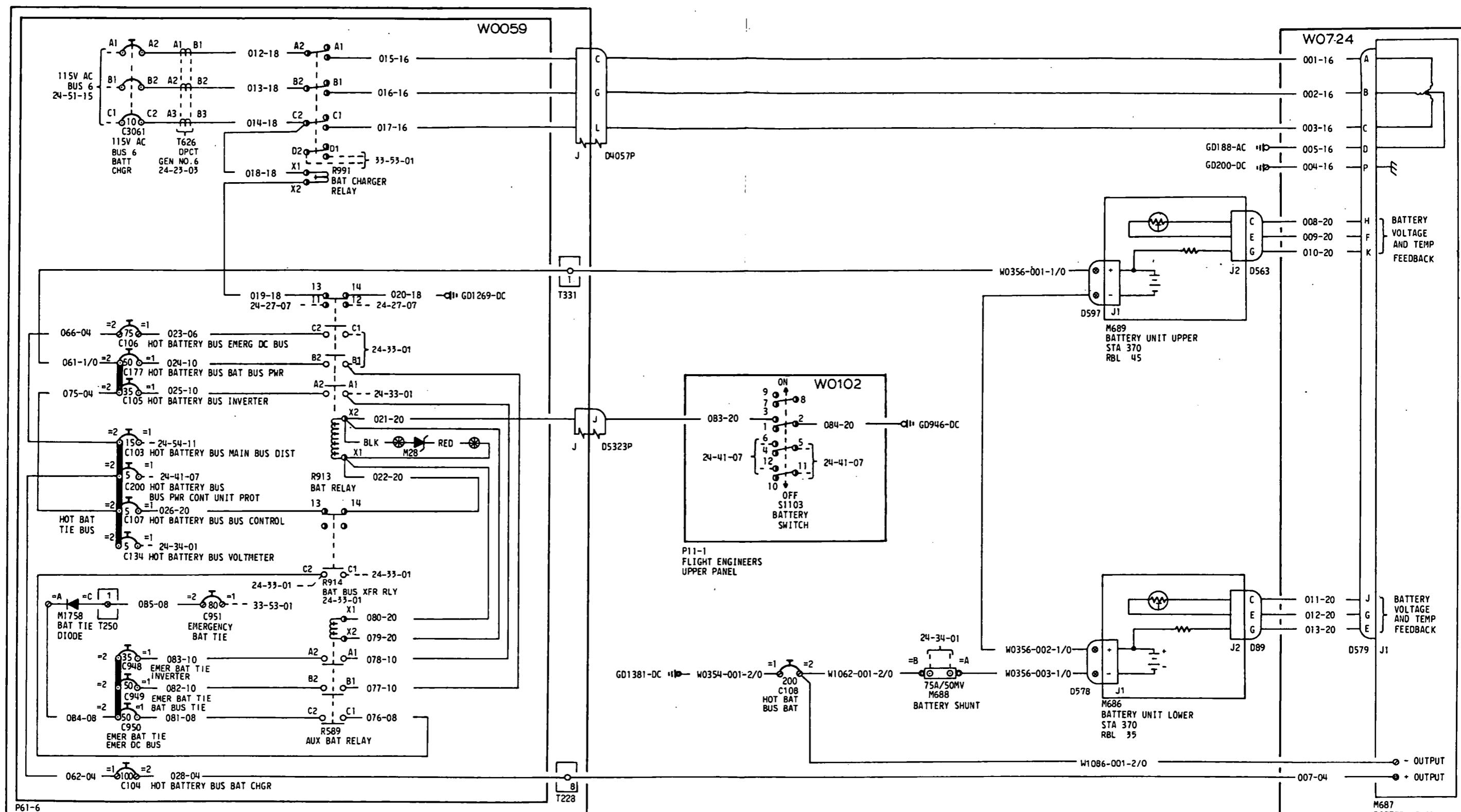
EFFECTIVITY	TITLE	
ALL	AC AMMETERS	
GENERATORS NO.1 THRU NO.8		
DWG NO	REVISION	MODEL
572-05305	A	E-3A
CODE IDENT		81205
PAGE		11-24-28-03-01



NOTES:

ON AFT DISC PNL

EFFECTIVITY ALL		TITLE AC AMMETERS EXTERNAL POWER AND APU			
WG NO 572-05305	REVISION C	MODEL E-3	CODE IDENT 81205	PAGE 11-24-28-04-01	



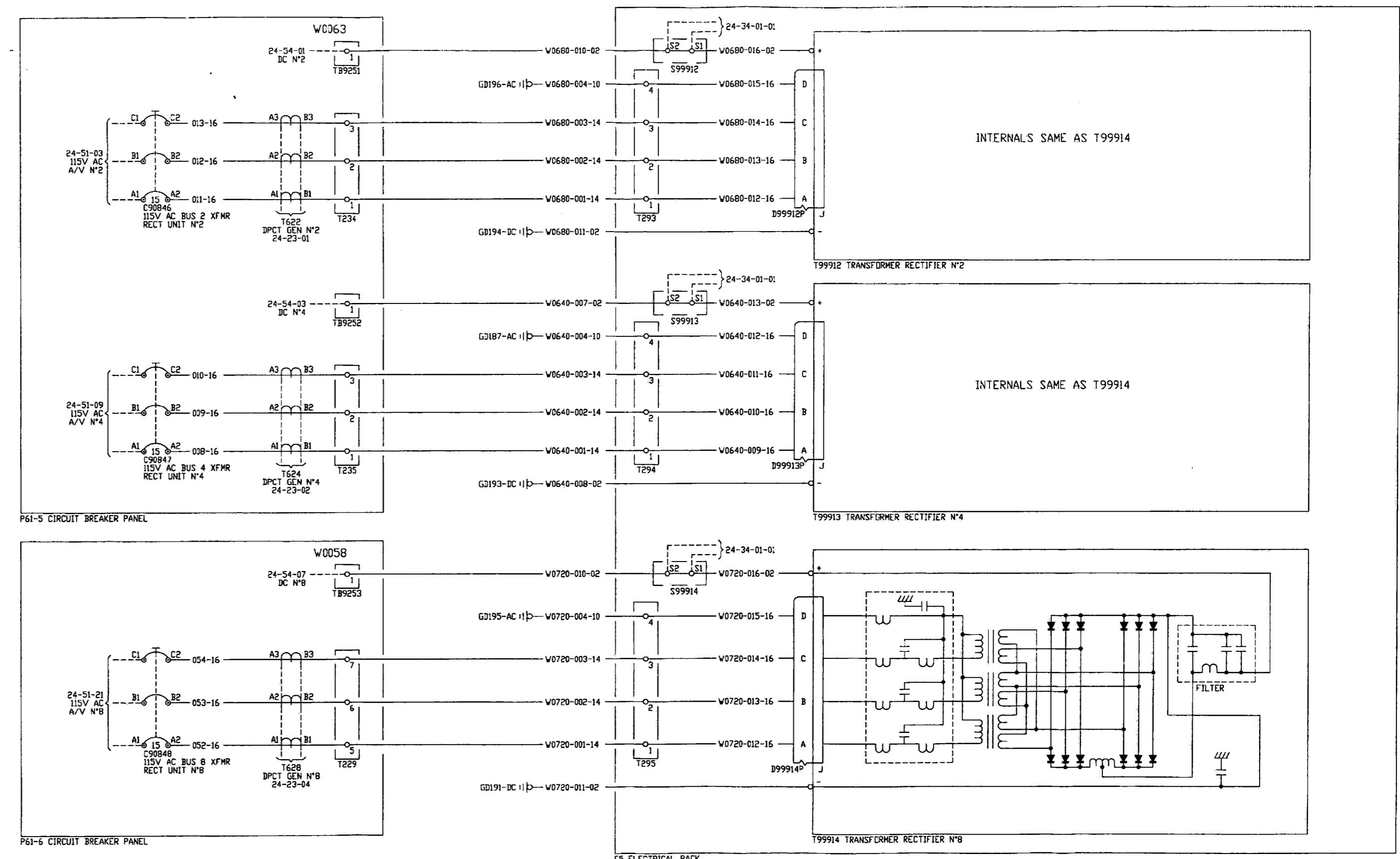
DRAFT: 12/5/85
TYPE: B
CHECK: 7/7/87

P61
CIRCUIT BREAKER PANEL

CHANGE:

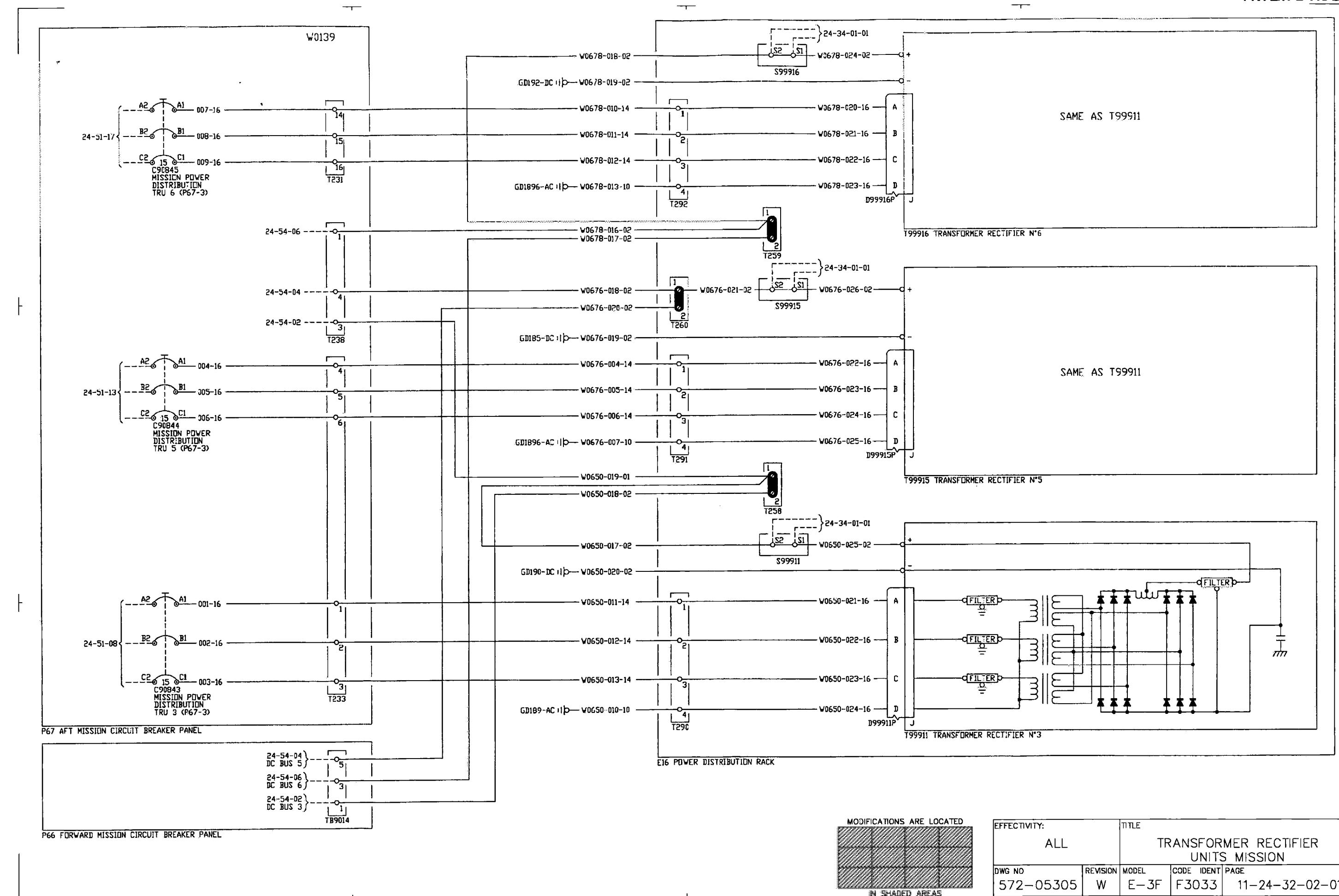
DATE: DEC 15/89

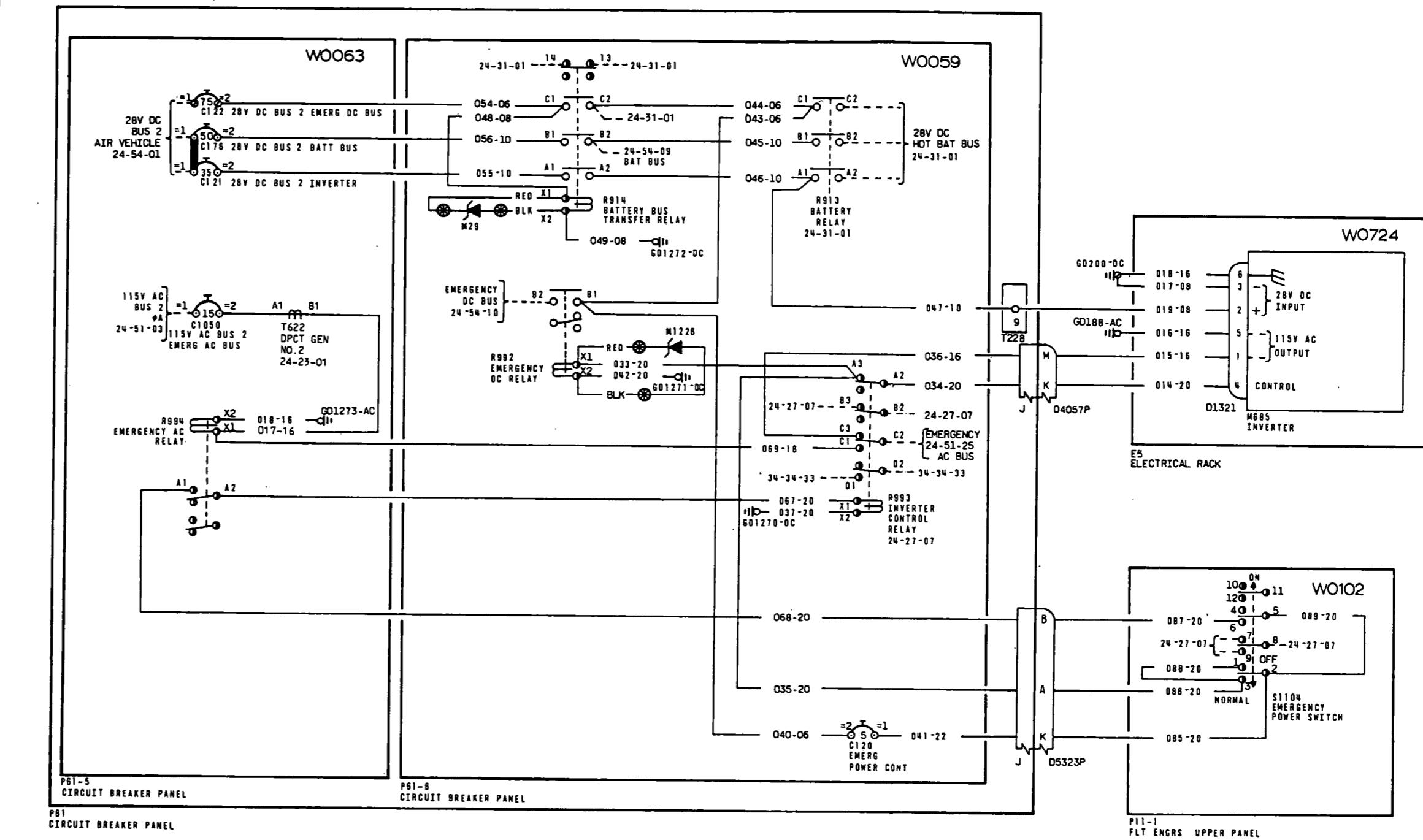
EFFECTIVITY:		TITLE	
ALL		BATTERY MAIN	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3A	81205
			11-24-31-01-01



MODIFICATIONS ARE LOCATED
IN SHADDED AREAS

EFFECTIVITY:		TITLE		
ALL		TRANSFORMER RECTIFIER UNITS AIR VEHICLE		
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	W	E-3F	F3033	11-24-32-01-01



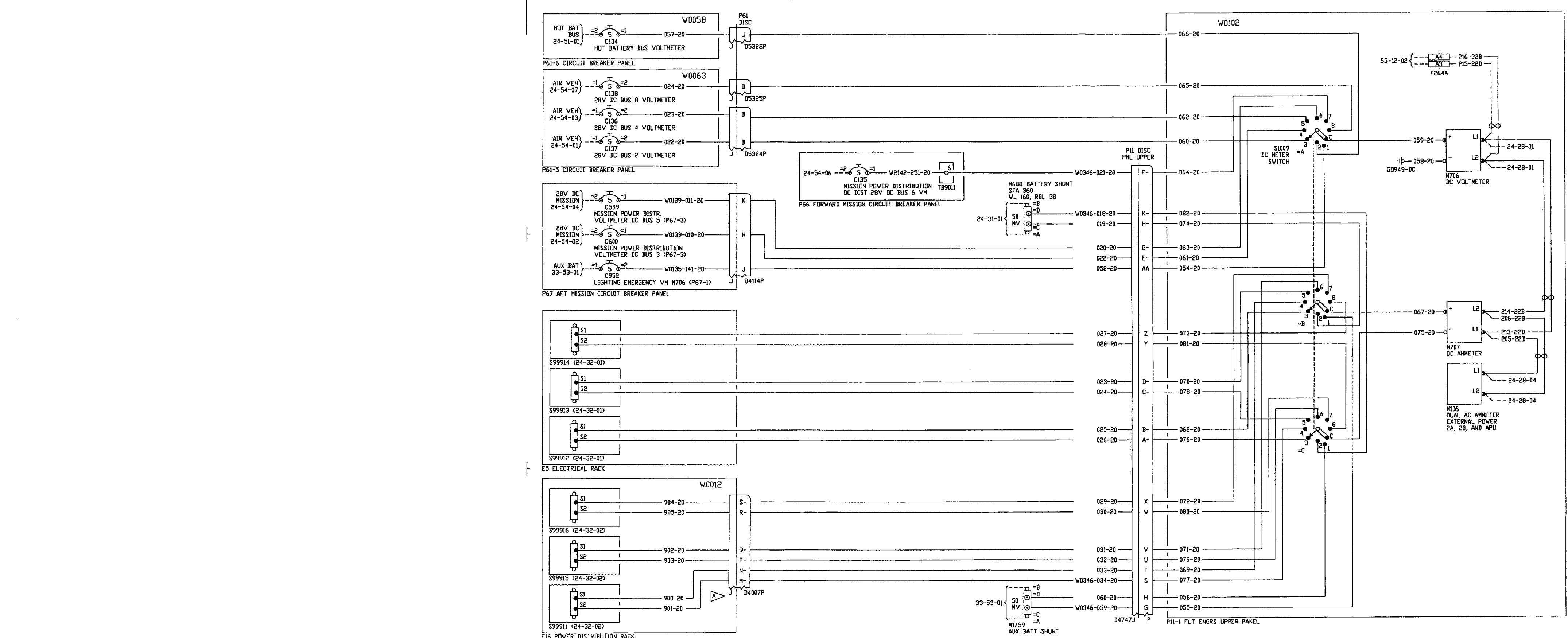


CHECK: 17-1175

DATE: DEC 15/89

CHANGE

EFFECTIVITY ALL		TITLE EMERGENCY POWER		
DWG NO 572-05305	REVISION A	MODEL E-3 A	CODE IDENT 81205	PAGE 11-24-33-01-01

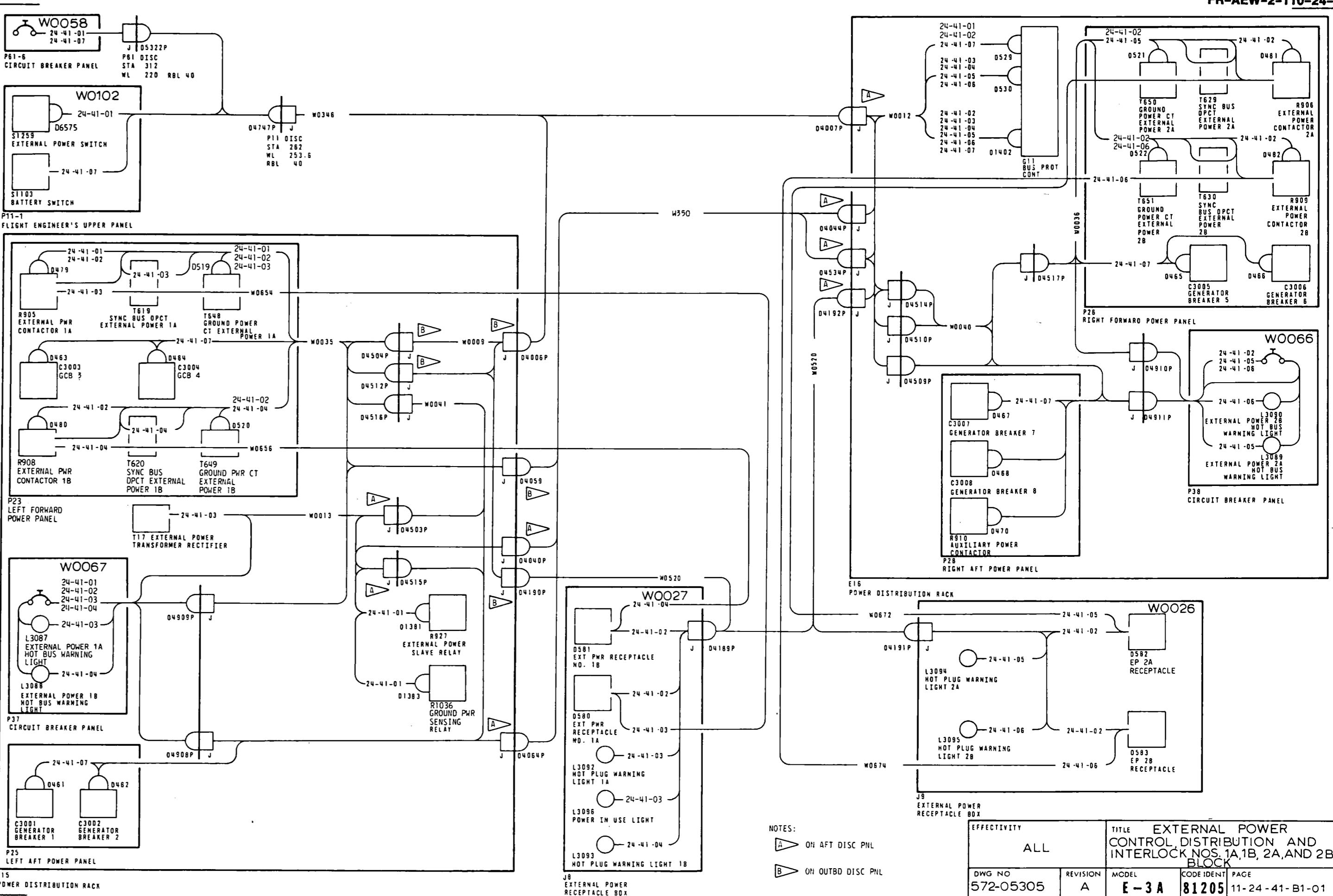


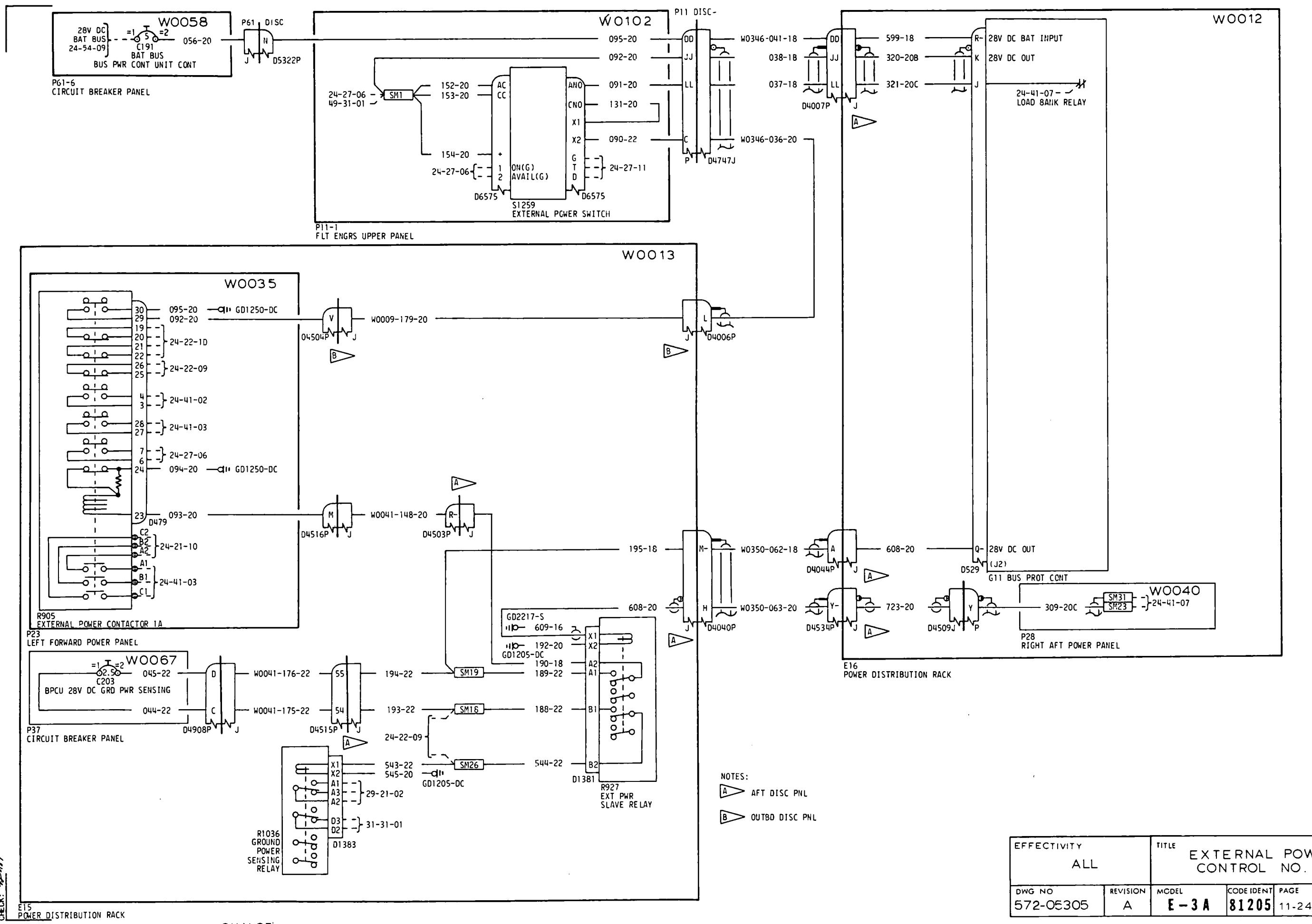
UNITES:

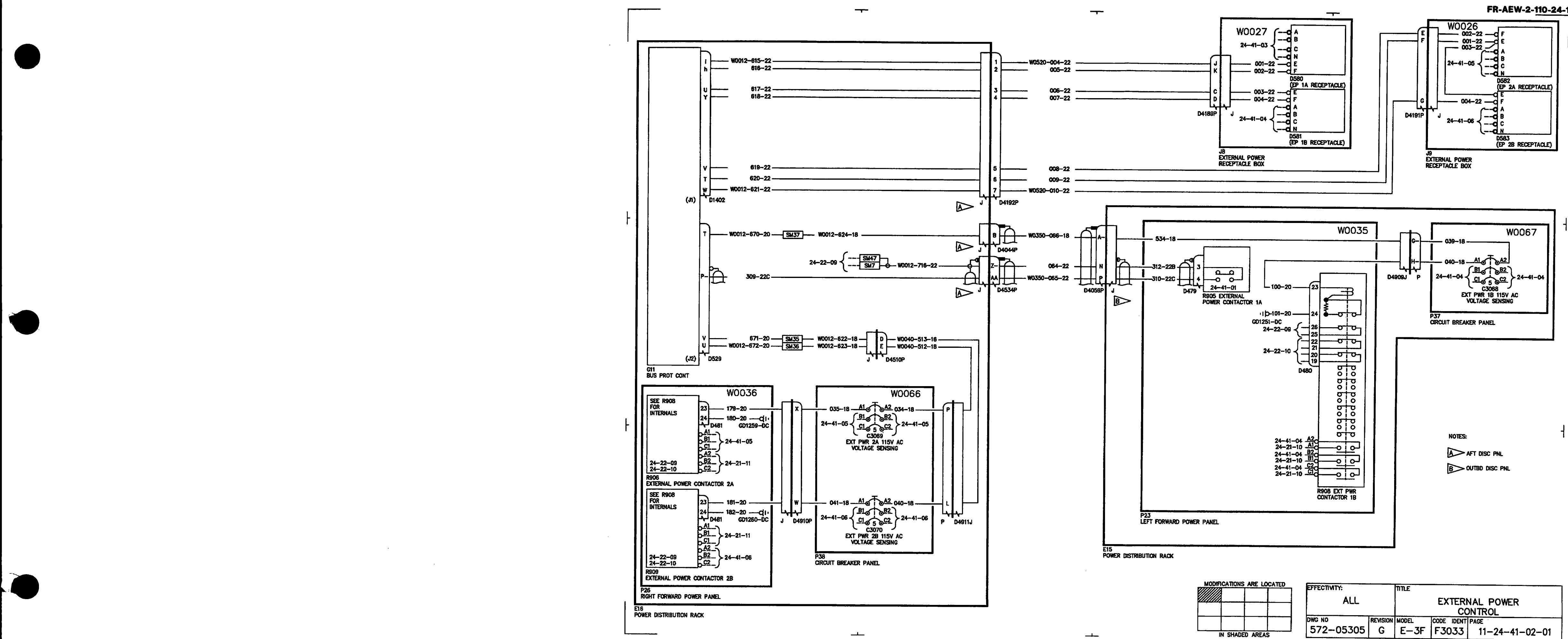
> ON AFT DISC PNL

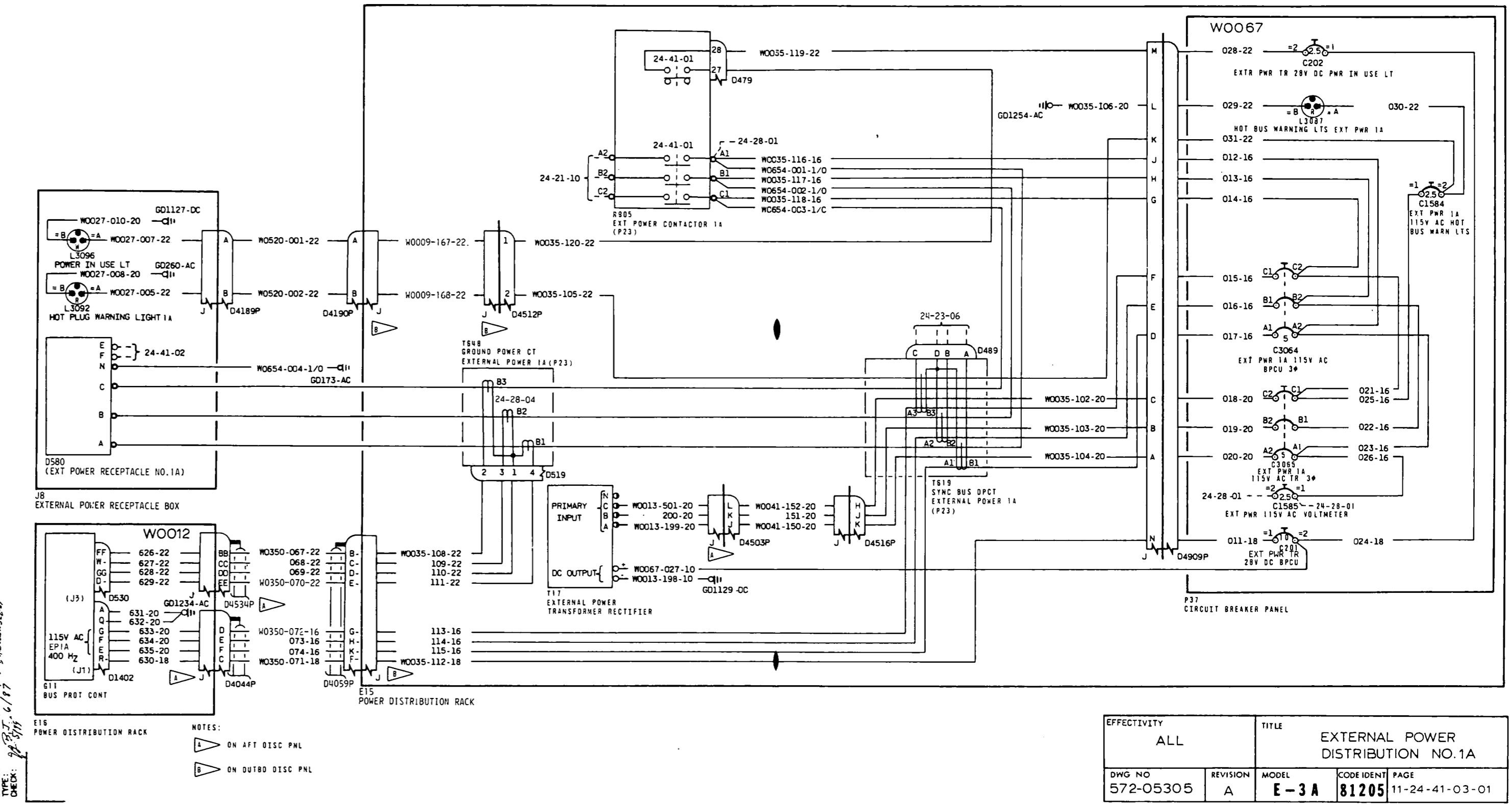
IN SHADEd AREAS

ACTIVITY: ALL		TITLE DC METERS AIR VEHICLE AND MISSION			
NO	REVISION	MODEL	CODE	IDENT	PAGE
2-05305	W	E-3F	F3033		11-24-34-01-01





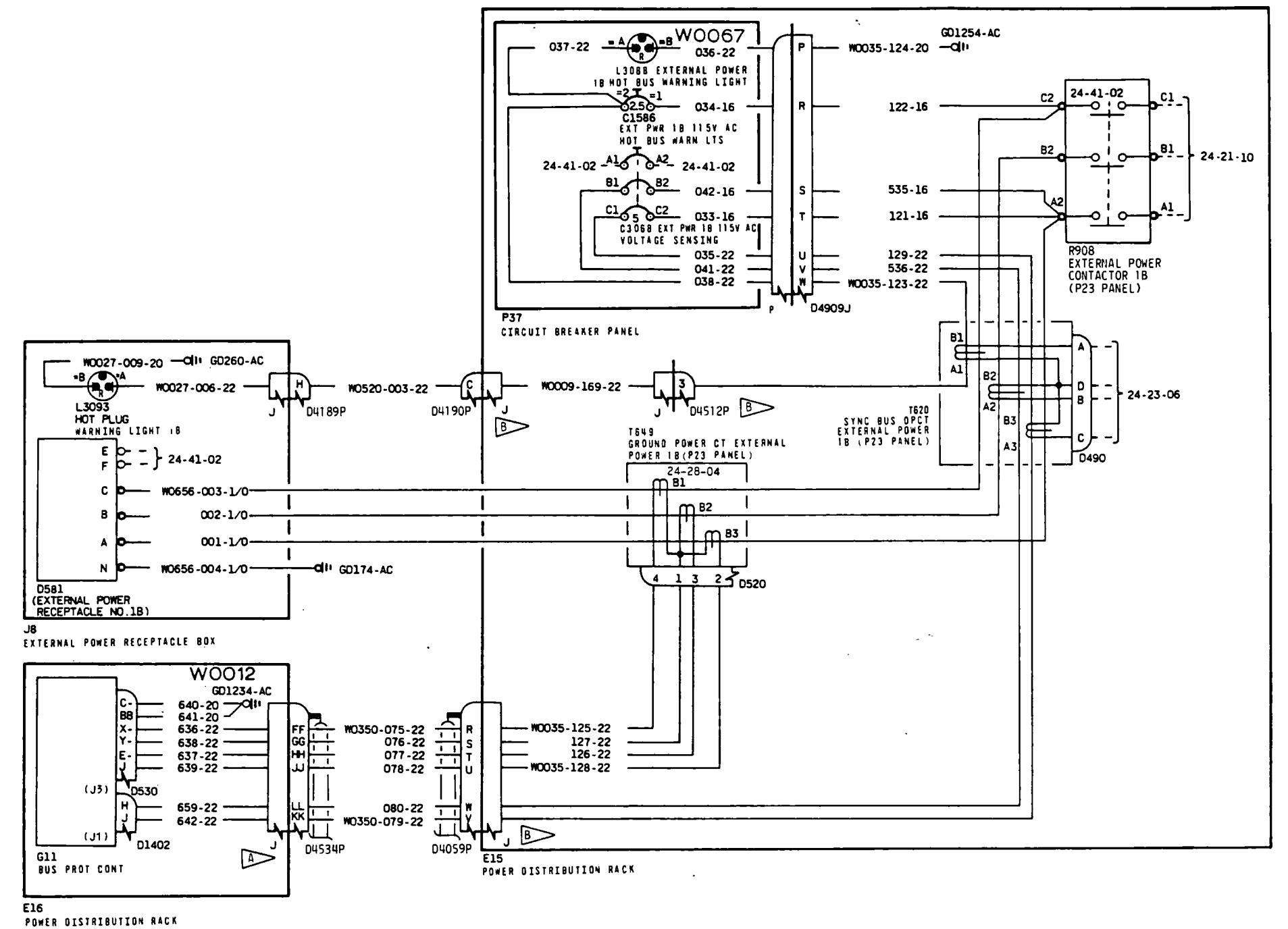




DATE: DEC 15/89

CHANGE:

DRAFT: 12/23/87
TYPE: 12/23/87
CHECK: 12/23/87

DRAFT: Dec 15/89
TYPE: F-1173
CHECK: 2-773

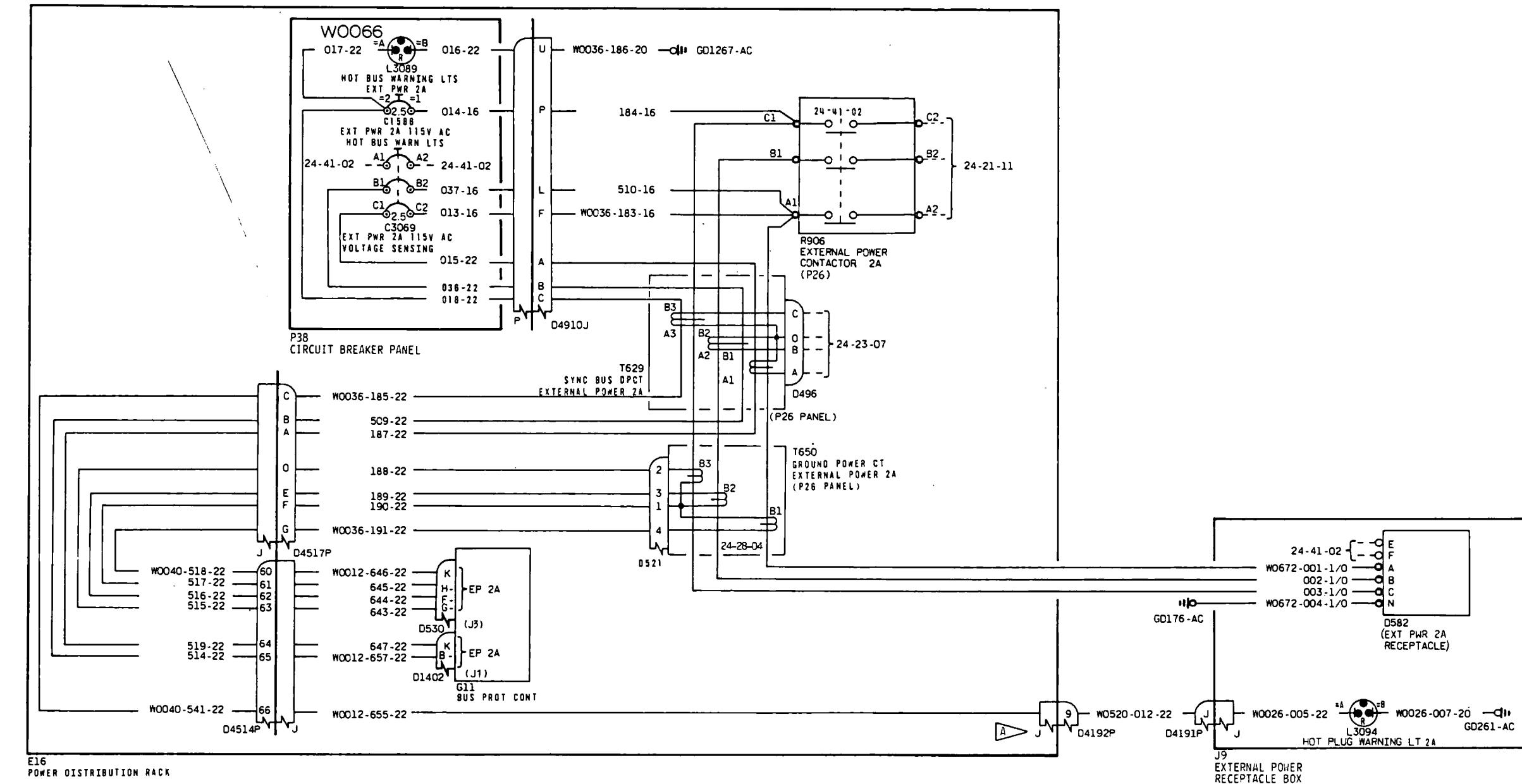
NOTES:

- [A] ON AFT DISC PNL
- [B] ON OUTBD DISC PNL

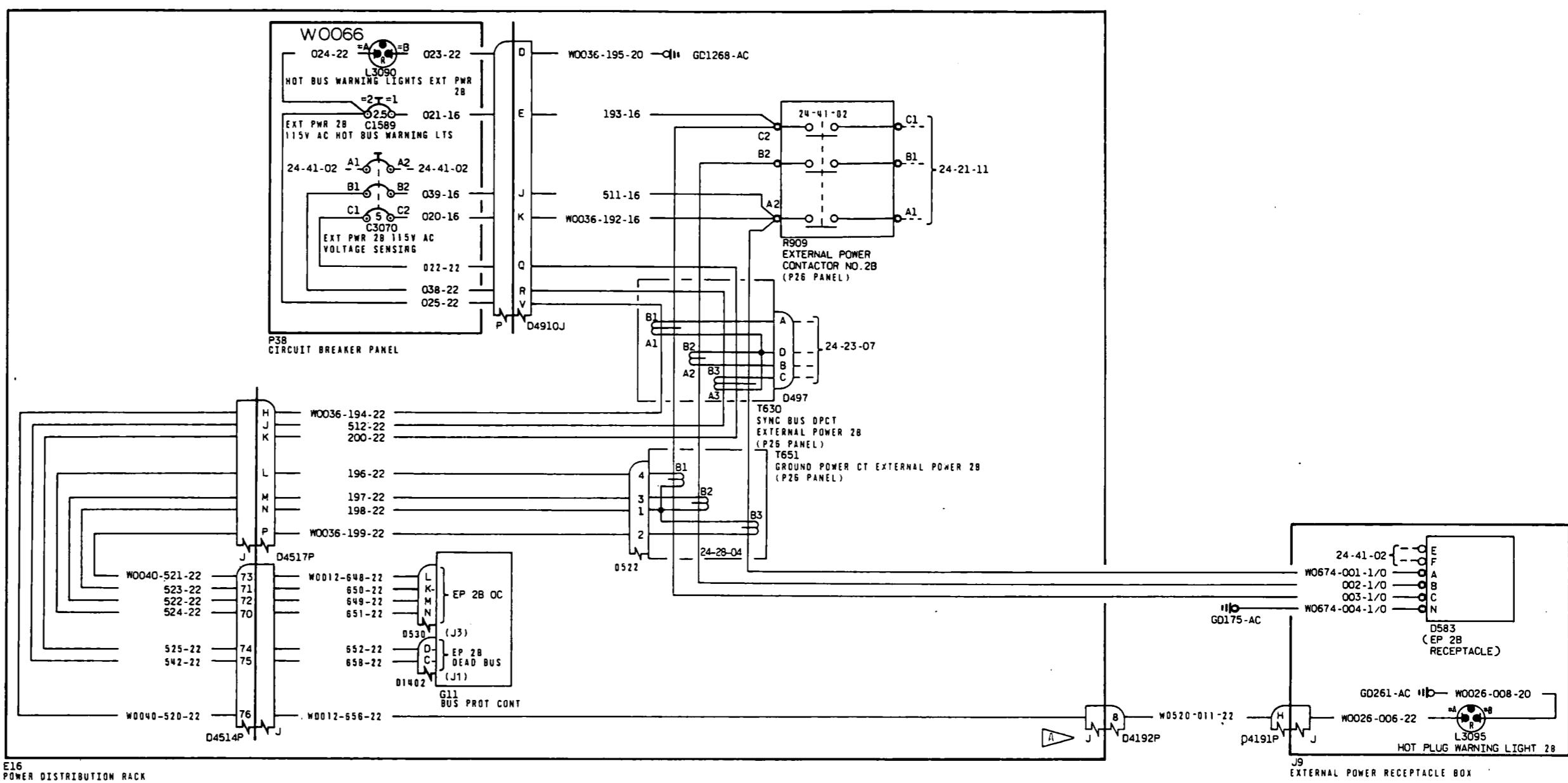
DATE DEC 15/89

CHANGE

EFFECTIVITY		TITLE	
ALL		EXTERNAL POWER DISTRIBUTION NO.1B	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205



EFFECTIVITY		TITLE	
ALL		EXTERNAL POWER DISTRIBUTION NO.2A	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205
			11-24-41-05-01



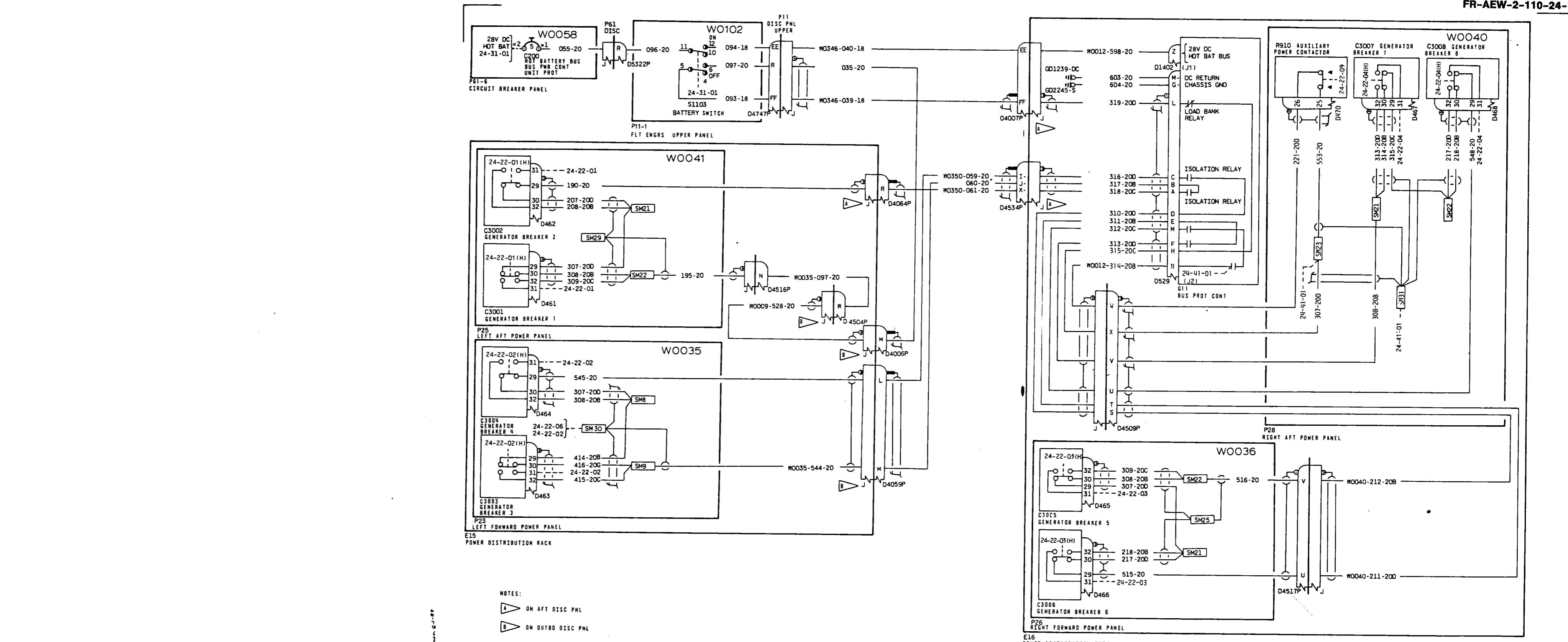
DRAFT - TYPE CHECK - CHECKED - APPROVED

NOTES:
A ON AFT DISC PNL

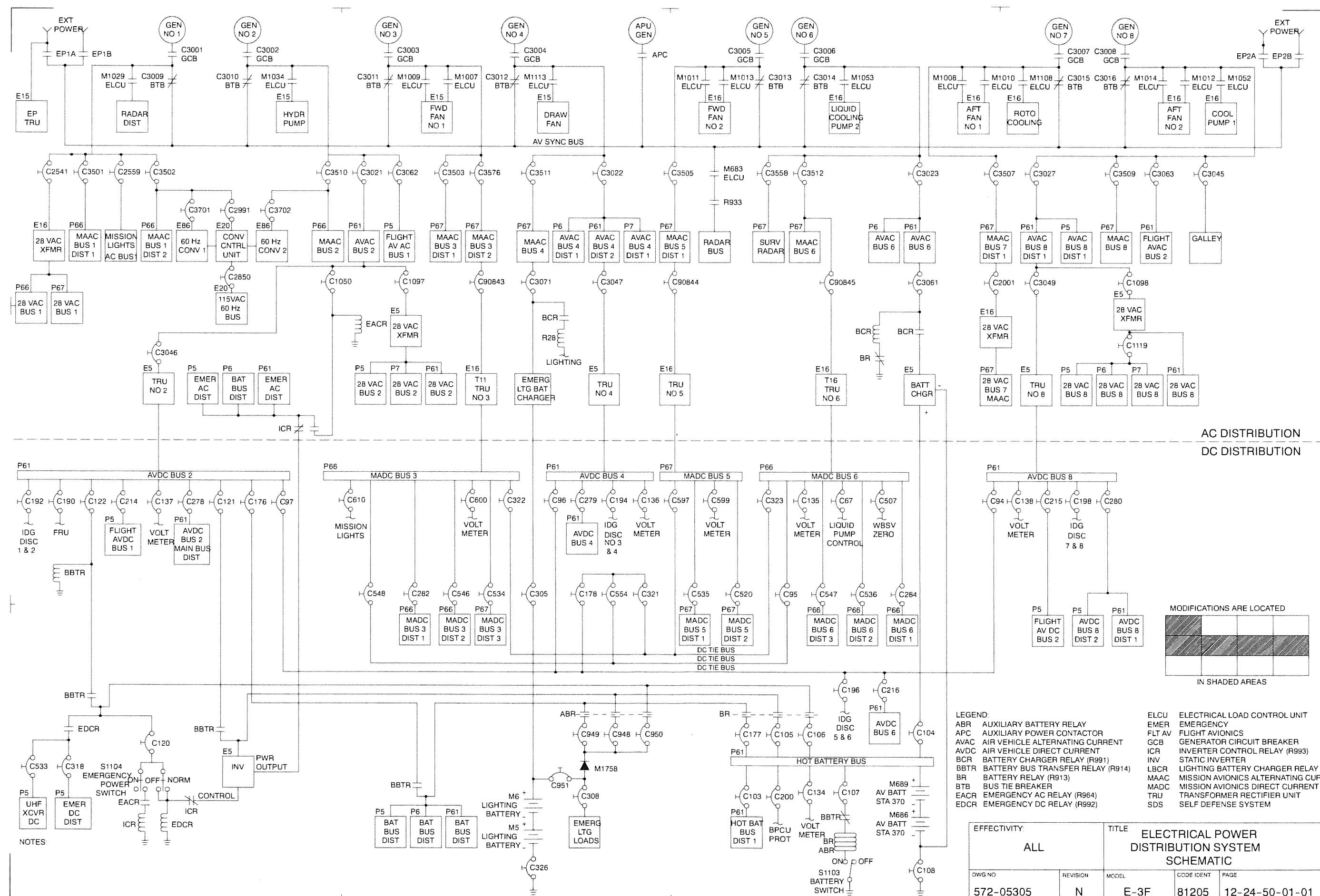
DATE DEC 15/89

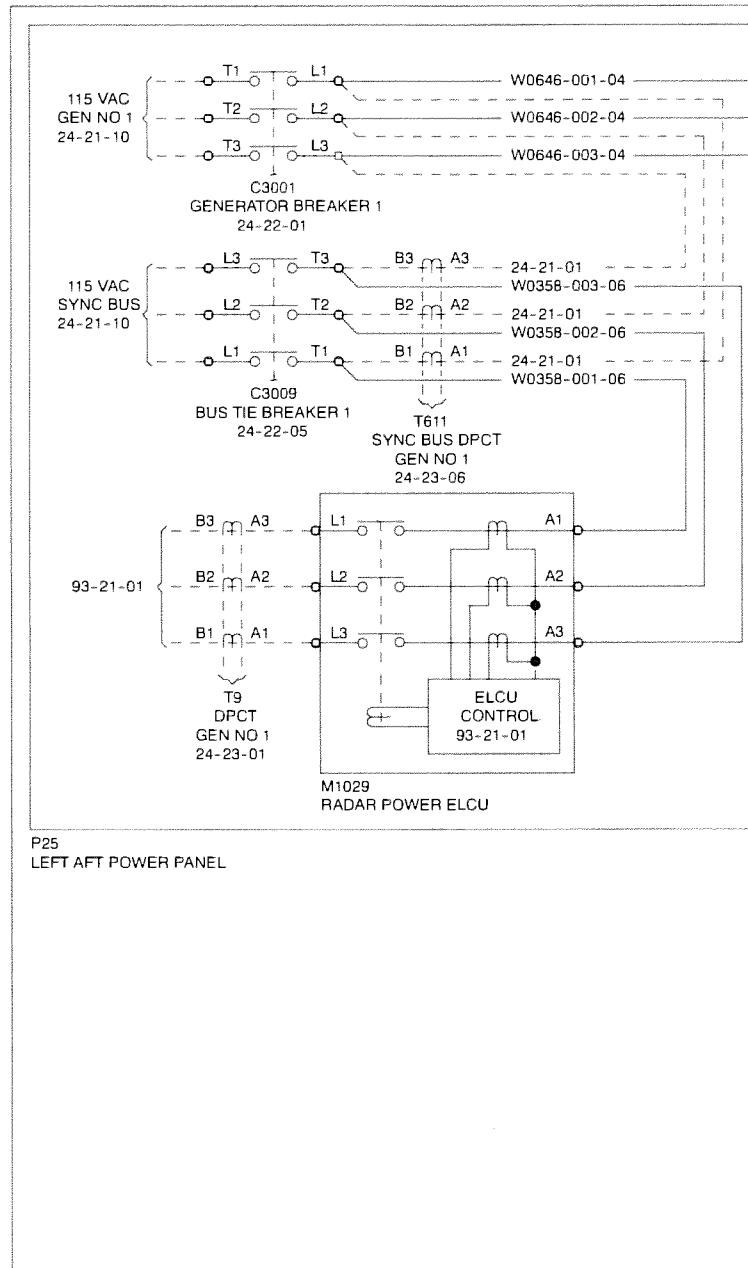
CHANGE:

EFFECTIVITY		TITLE	
ALL		EXTERNAL POWER DISTRIBUTION NO. 2B	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205 11-24-41-06-01

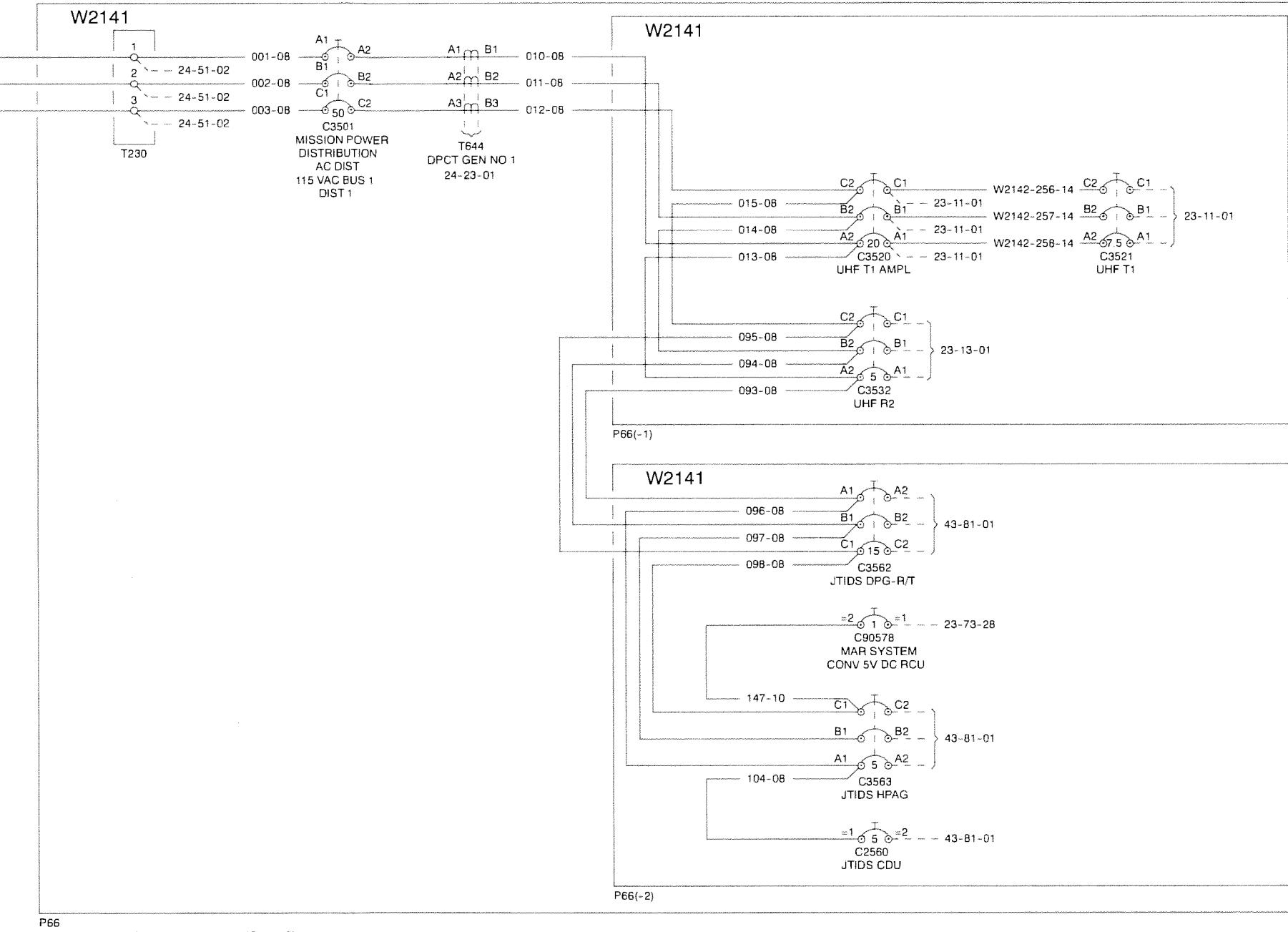


EFFECTIVITY ALL		TITLE EXTERNAL POWER INTERLOCK		
ITEM NO 72-05305	REVISION A	MODEL E - 3 A	CODE IDENT 81205	PAGE 11-24-41-07-01



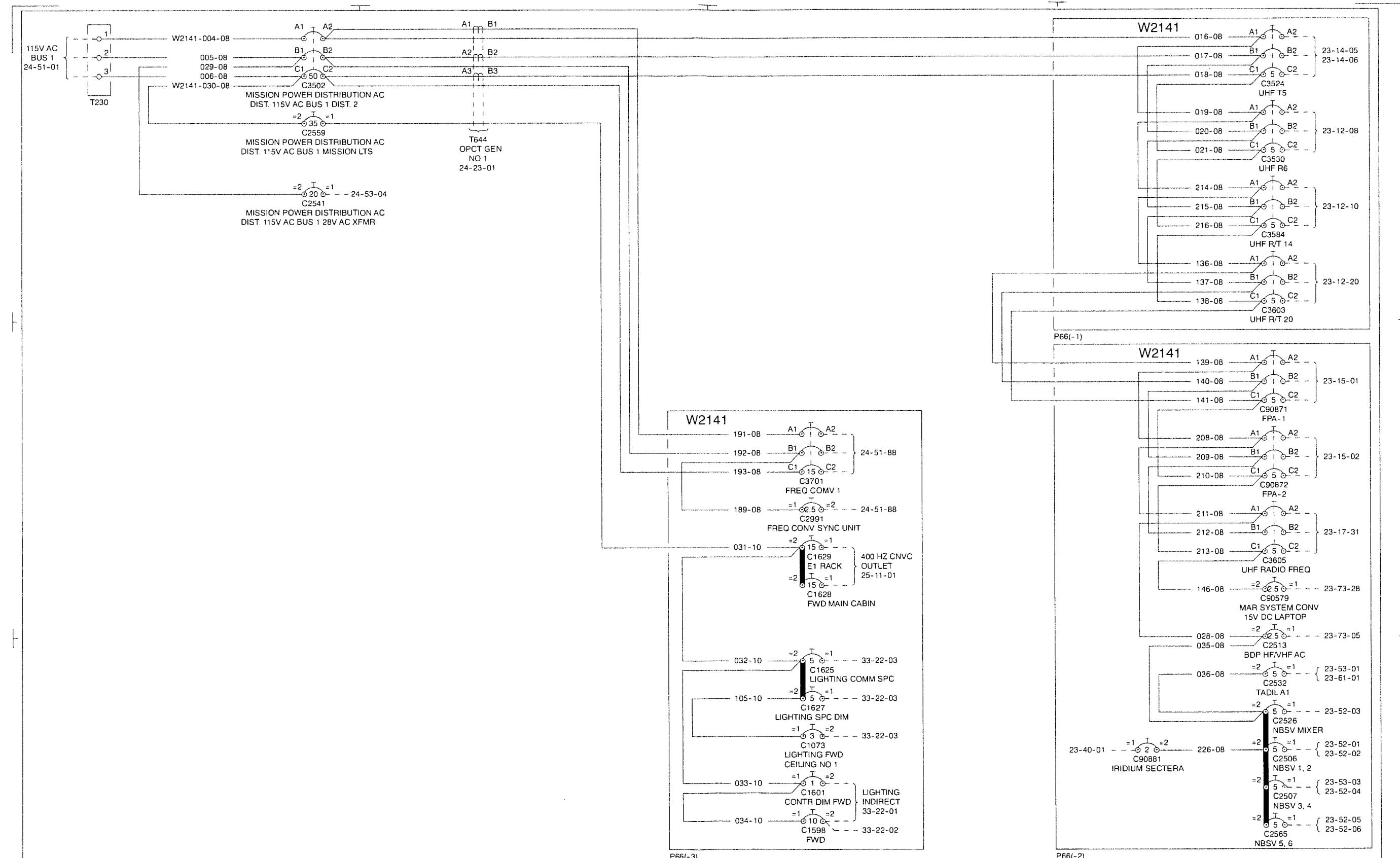
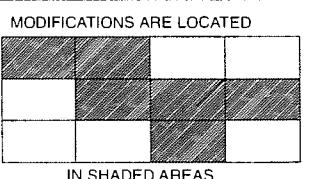


E15 POWER DISTRIBUTION RACK

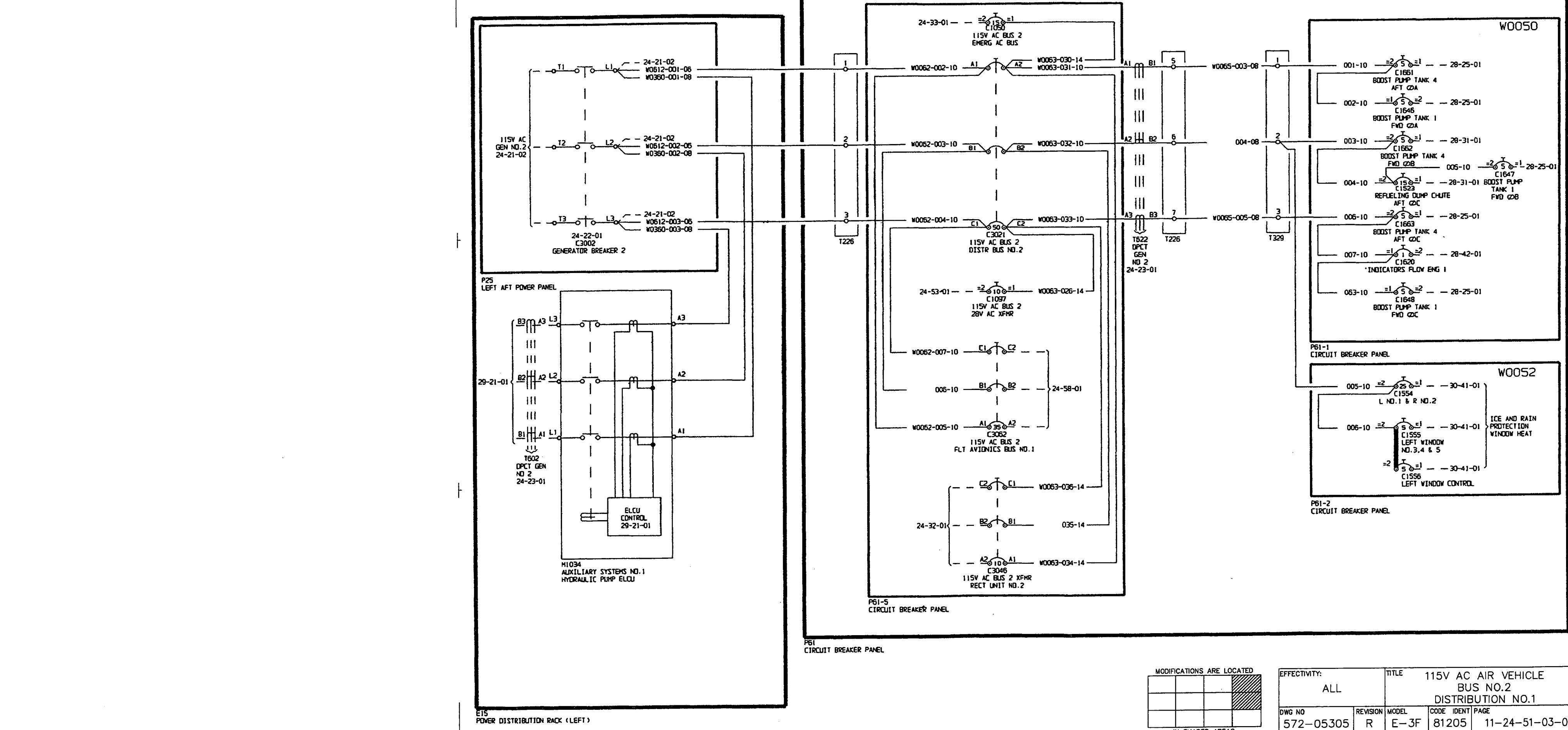


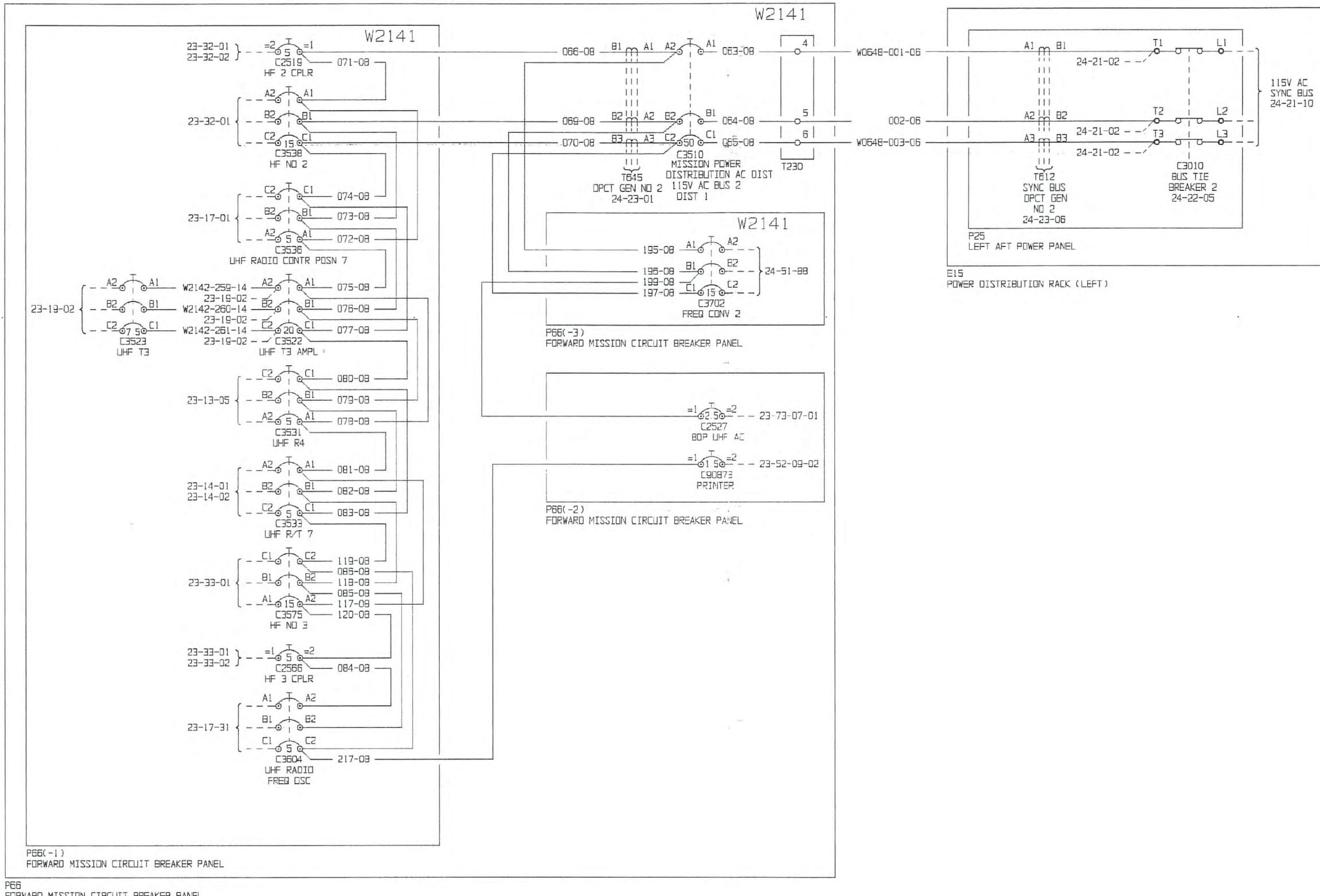
MODIFICATIONS ARE LOCATED IN SHADeD AREAS			

EFFECTIVITY:		TITLE	
ALL		115 VAC MISSION BUS NO 1 DISTRIBUTION NO 1 AND NO 2	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	R	E-3F	81205
			11-24-51-01-01

P66
FORWARD MISSION CIRCUIT BREAKER PANEL

EFFECTIVITY:		TITLE	
ALL		115V AC MISSION BUS NO 1 DISTRIBUTION NO 2	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	Z	E-3F	81205
			11-24-51-02-01

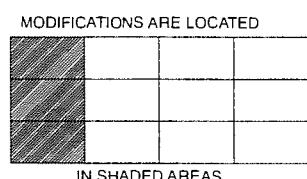
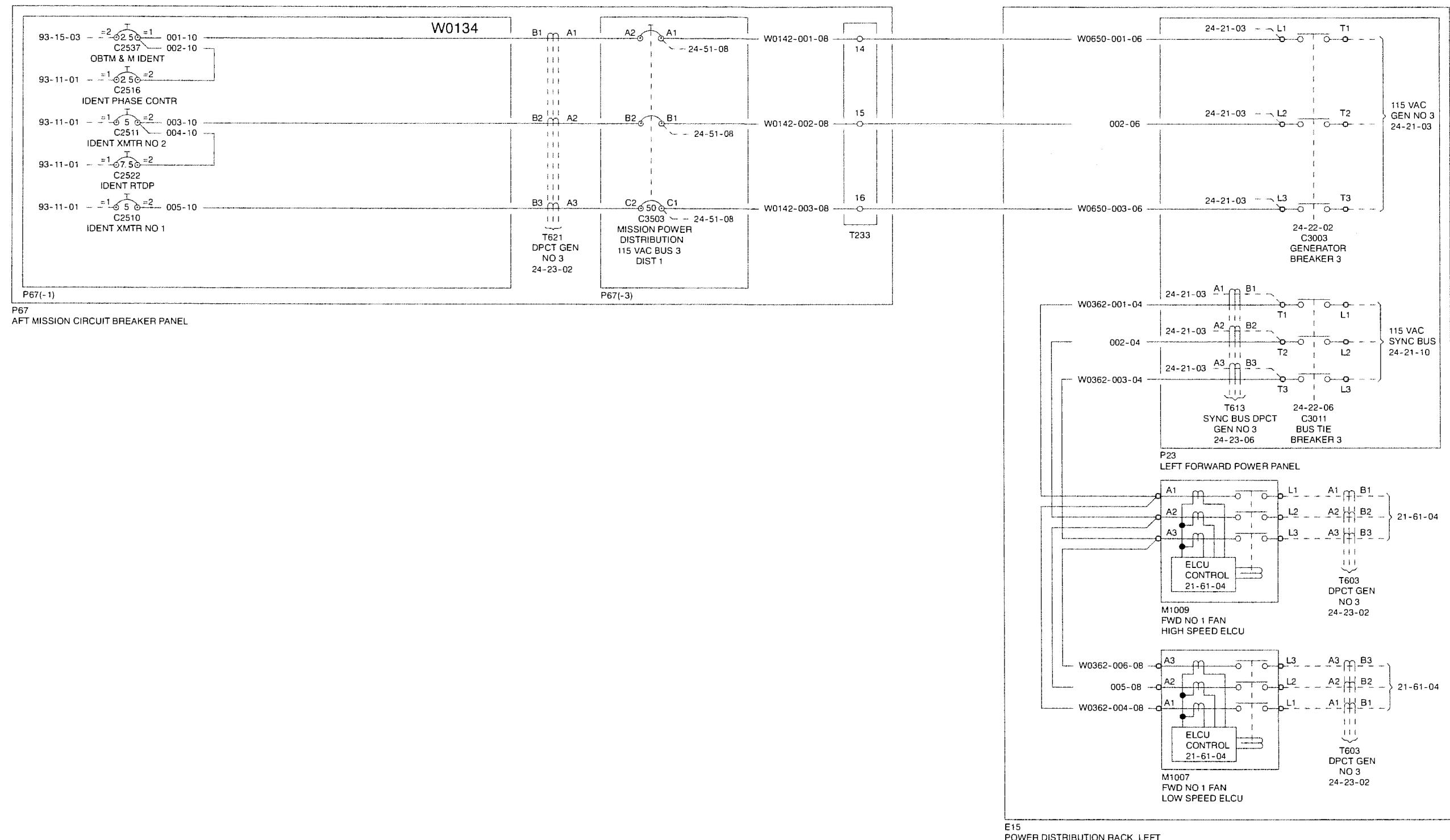




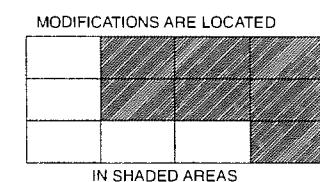
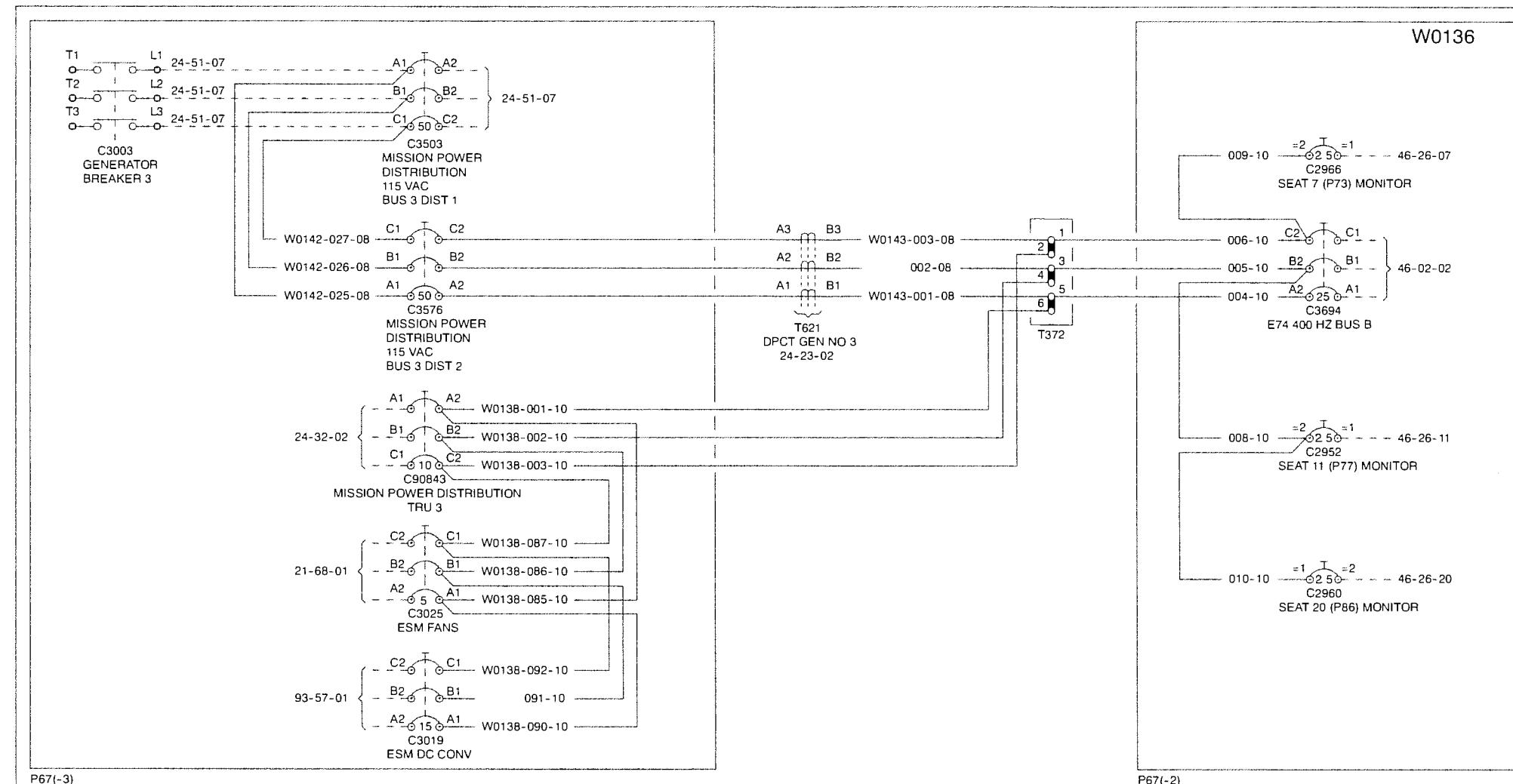
MODIFICATIONS ARE LOCATED			

* SHADDED AREAS

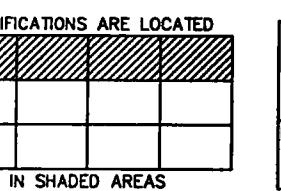
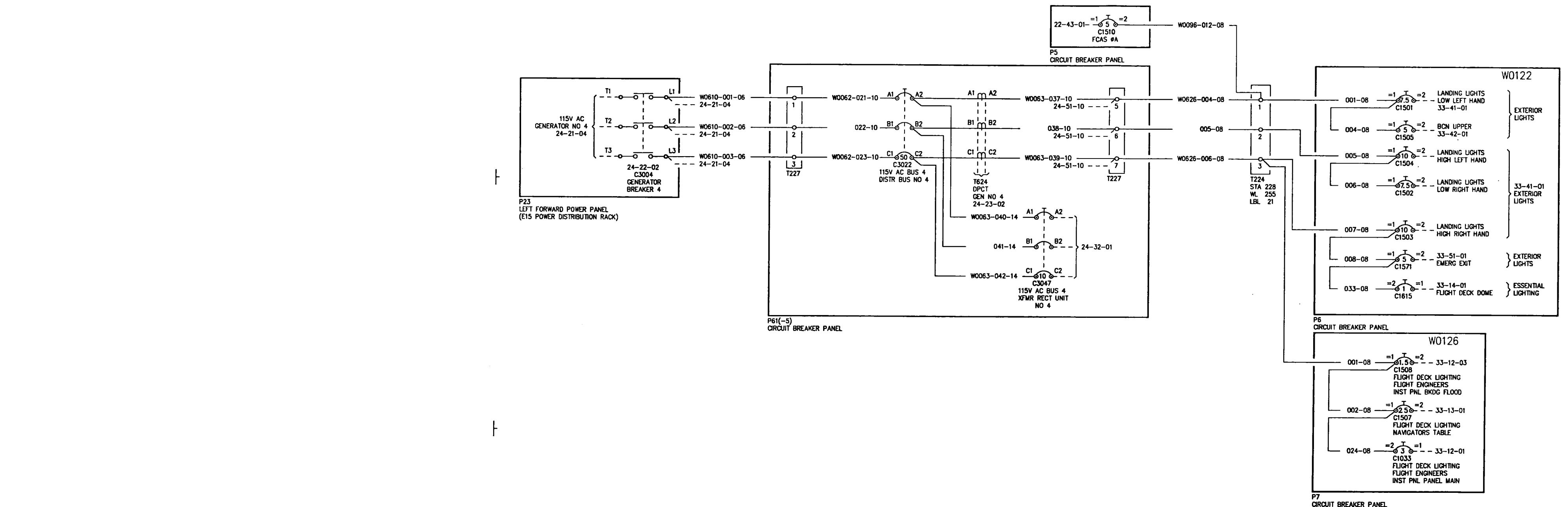
EFFECTIVITY:		TITLE		
ALL		SATCOM DAMA ATO ACTIVATION 115V AC MISSION BUS N°2		
DWG N°	REVISION	MODEL	CODE IDENT	PAGE
572-05305	Y	E-3F	F3033	11-24-51-05-01



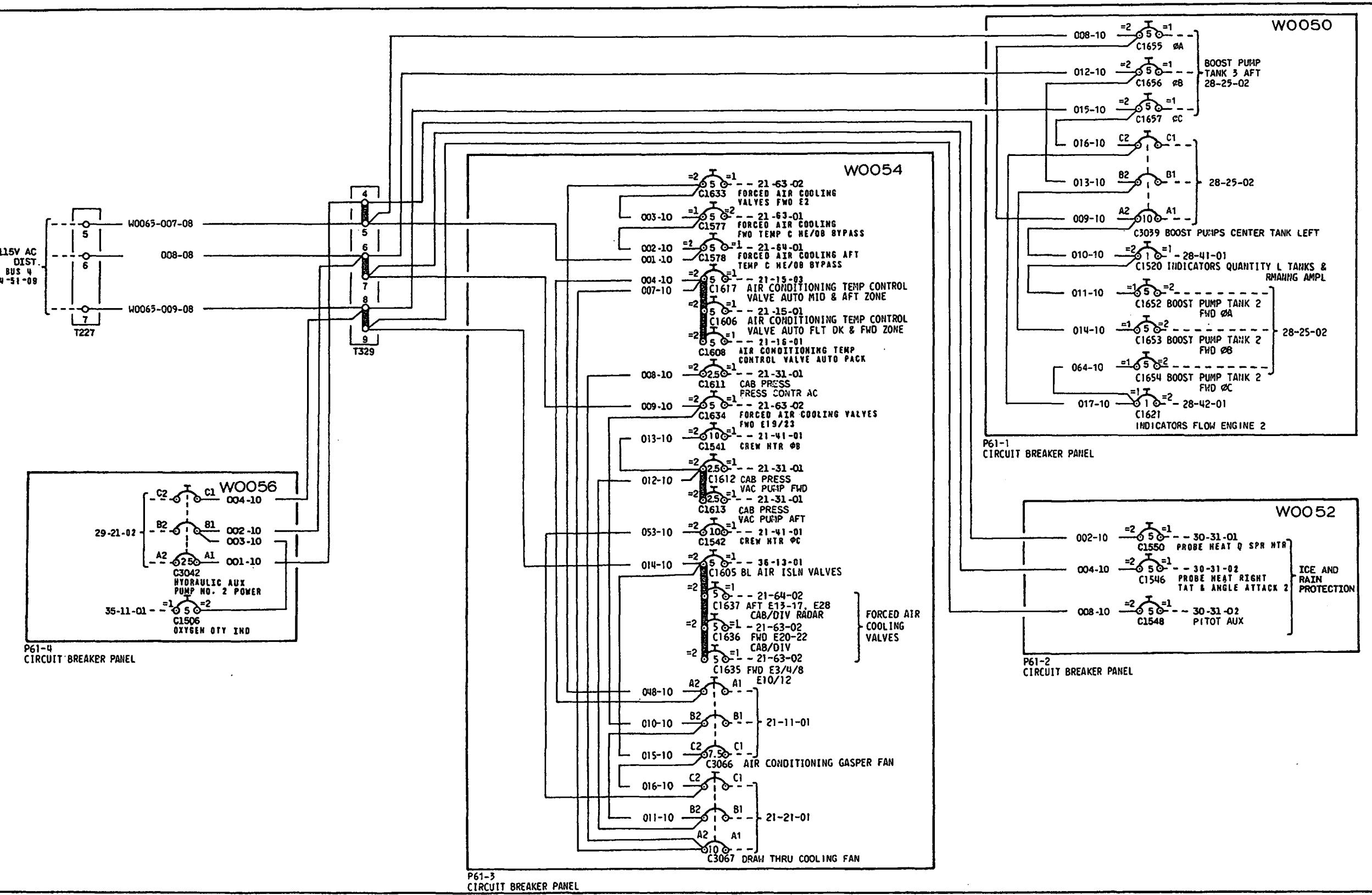
EFFECTIVITY:		TITLE 115 VAC MISSION BUS NO 3 DISTRIBUTION NO 1		
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	B	E-3F	81205	11-24-51-07-01



EFFECTIVITY:		TITLE	
ALL		115 VAC MISSION BUS NO 3 DISTRIBUTION NO 2	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	U	E-3F	81205
			11-24-51-08-01



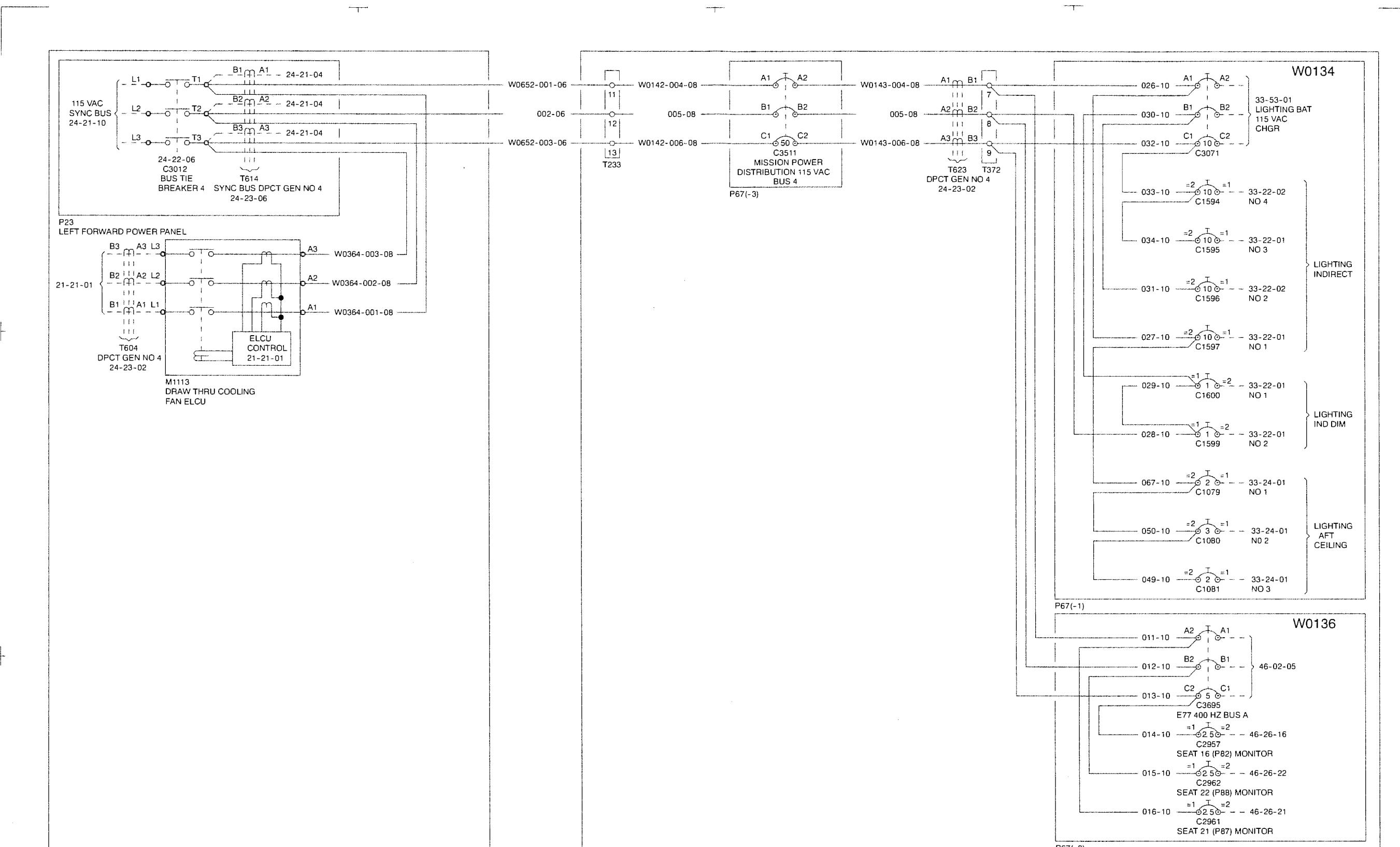
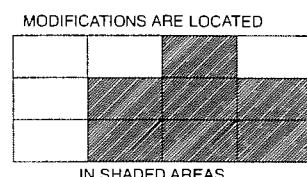
EFFECTIVITY:		TITLE 115V AC AIR VEHICLE	
		BUS NO 4	
		DISTRIBUTION NO 1	
DWG NO	REVISION	MODEL	CODE IDENT PAGE
572-05305	M	E-3F	F3033 11-24-51-09-01

P61
CIRCUIT BREAKER PANEL

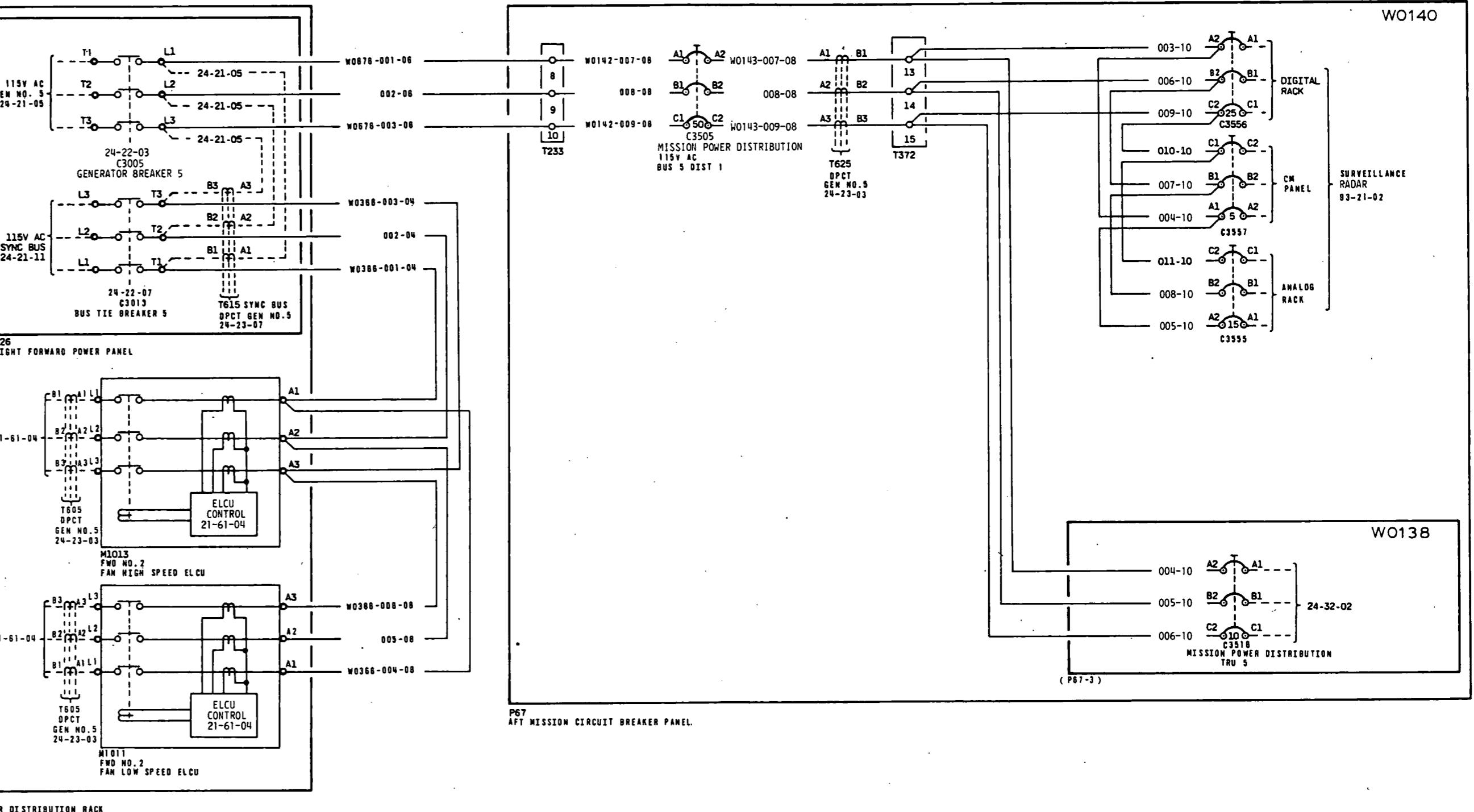
MODIFICATIONS ARE LOCATED			
			█

IN SHADED AREAS

EFFECTIVITY:	ALL	TITLE	115V AC AIR VEHICLE
		BUS NO.4	
DWG NO	REVISION	MODEL	CODE IDENT PAGE
572-05305	U	E-3F	81205 11-24-51-10-01

E15
POWER DISTRIBUTION RACKP67
AFT MISSION CIRCUIT BREAKER PANEL

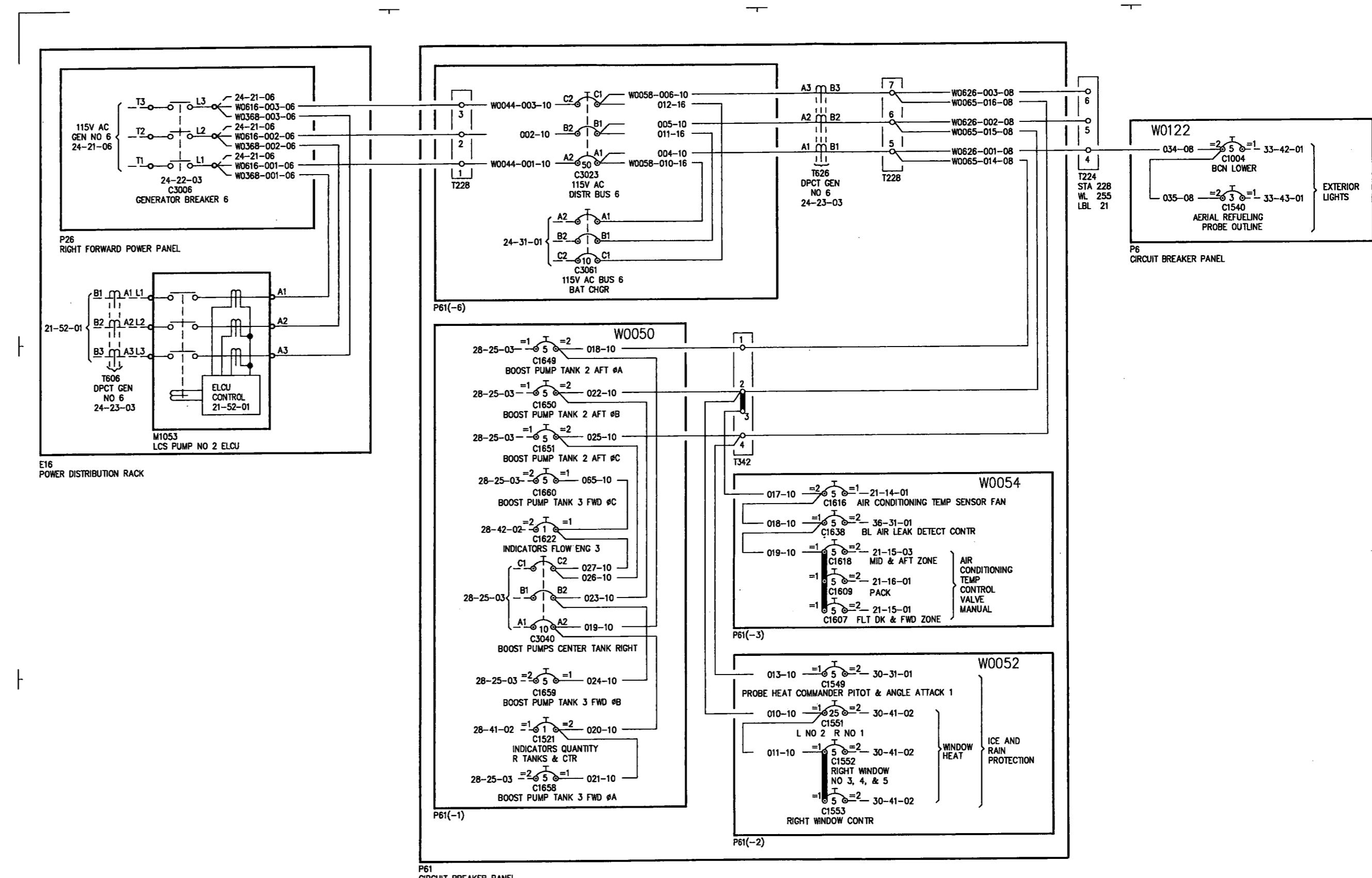
EFFECTIVITY:		TITLE		
ALL		115 VAC MISSION BUS NO 4		
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	B	E-3F	81205	11-24-51-11-01



5/89

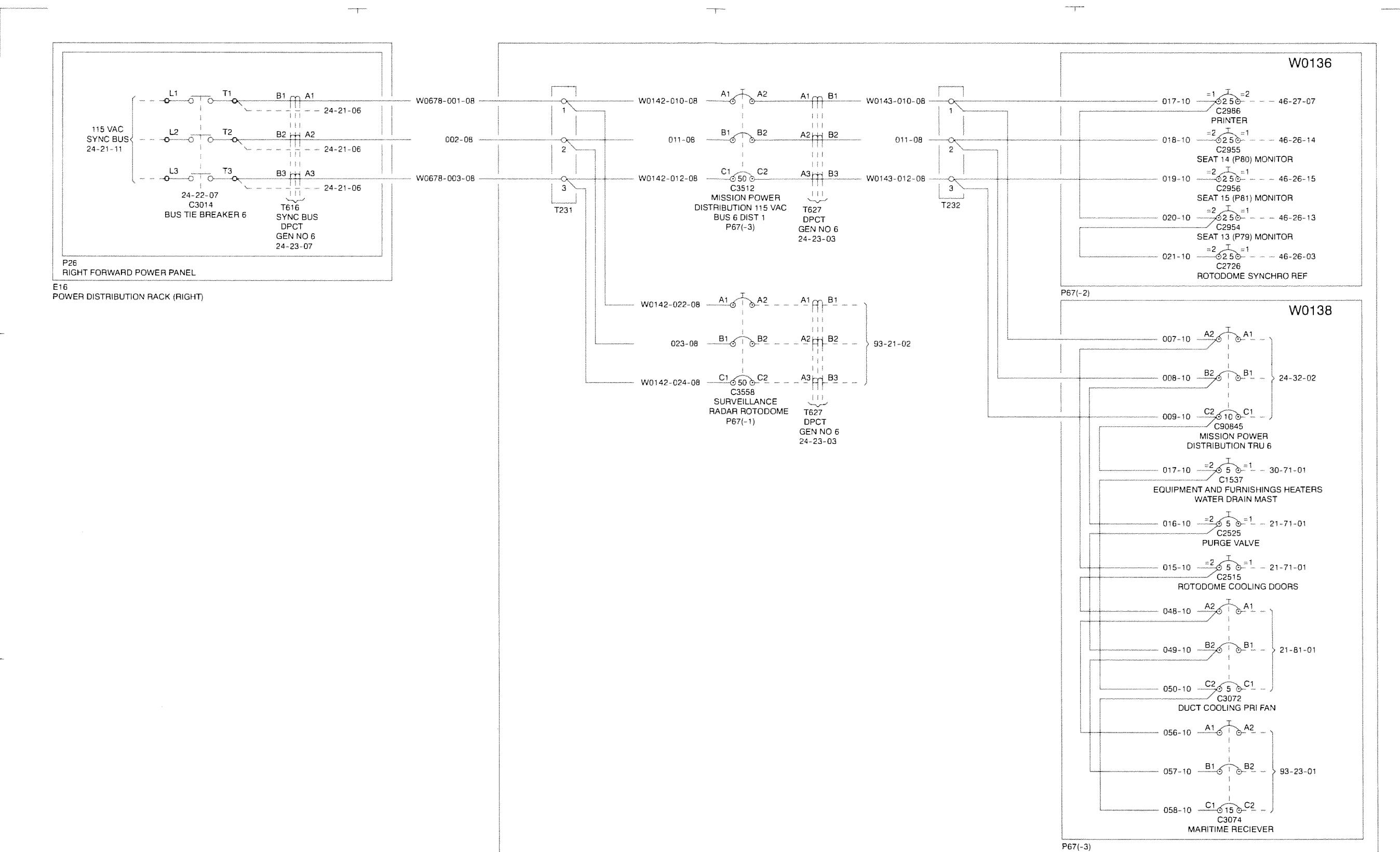
E:

EFFECTIVITY ALL		TITLE 115V AC MISSION BUS NO 5 DISTRIBUTION NO 1			
ED NO 72-05305	REVISION A	MODEL E - 3 A	CODE IDENT 81205	PAGE 11-24-51-13-01	

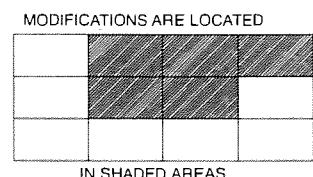


MODIFICATIONS ARE LOCATED IN SHADED AREAS			

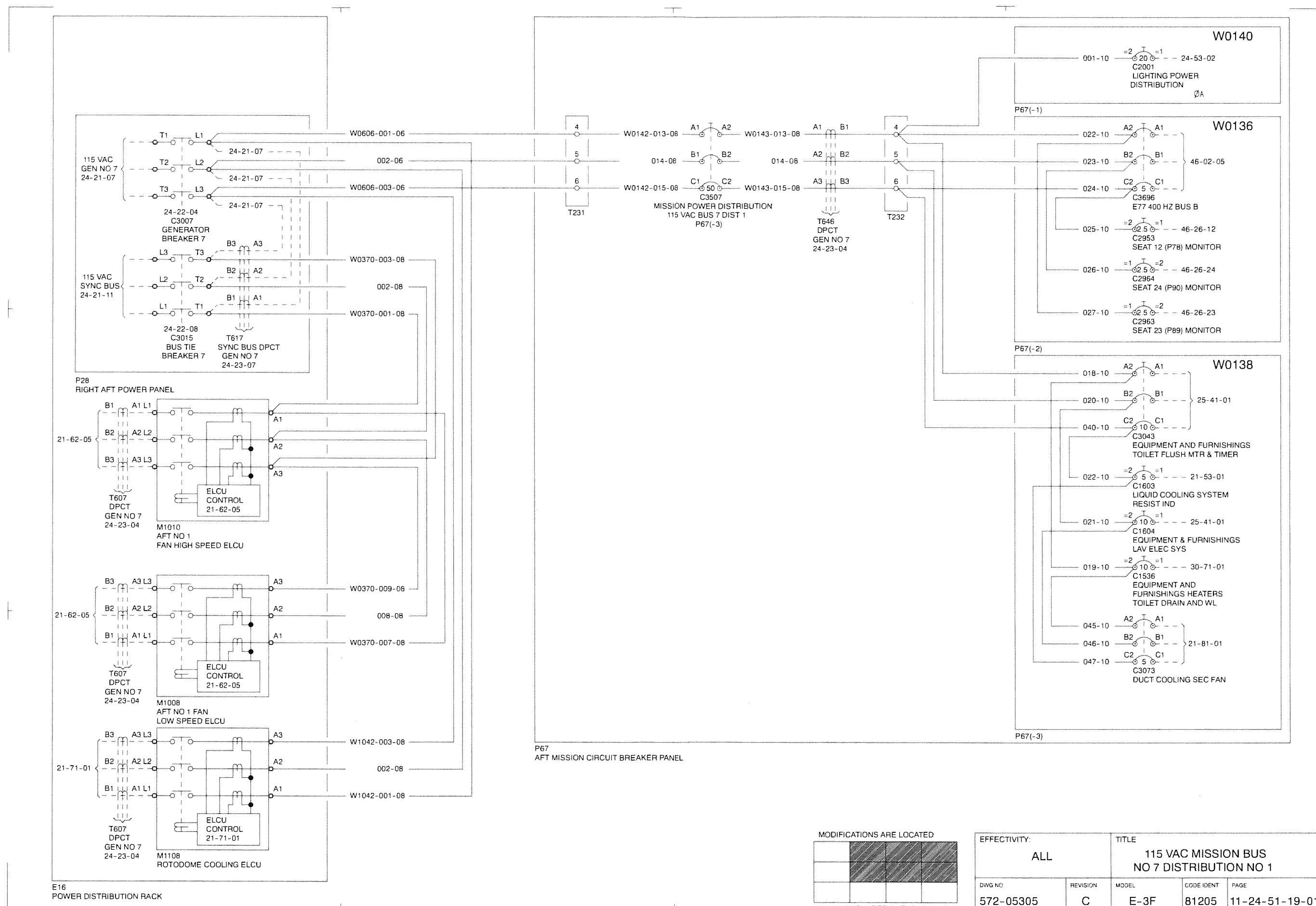
EFFECTIVITY:		TITLE 115V AC AIR VEHICLE BUS NO 6 DISTRIBUTION NO 1	
DWG NO 572-05305	REVISION U	MODEL E-3F	CODE IDENT F3033 PAGE 11-24-51-15-01

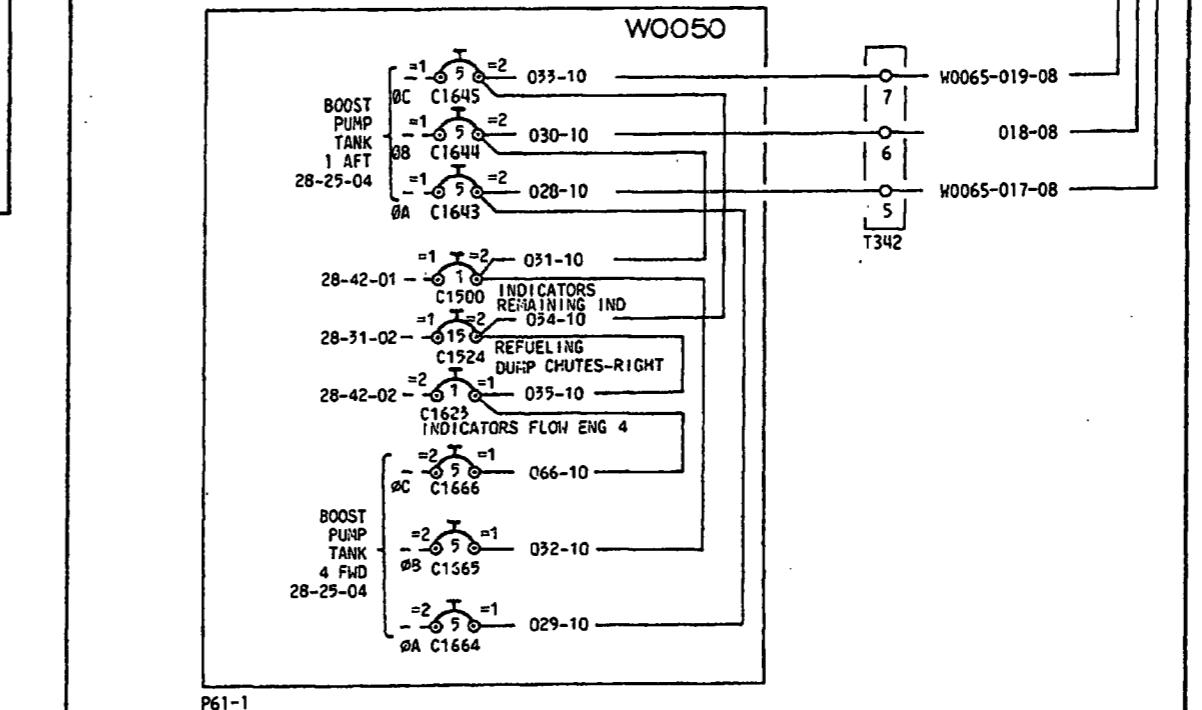
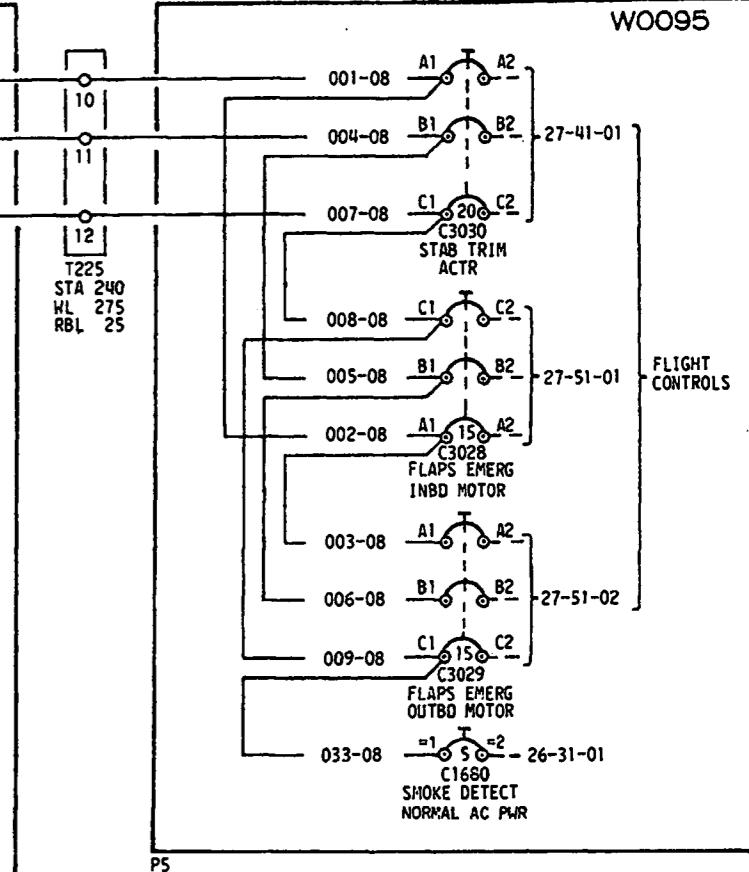
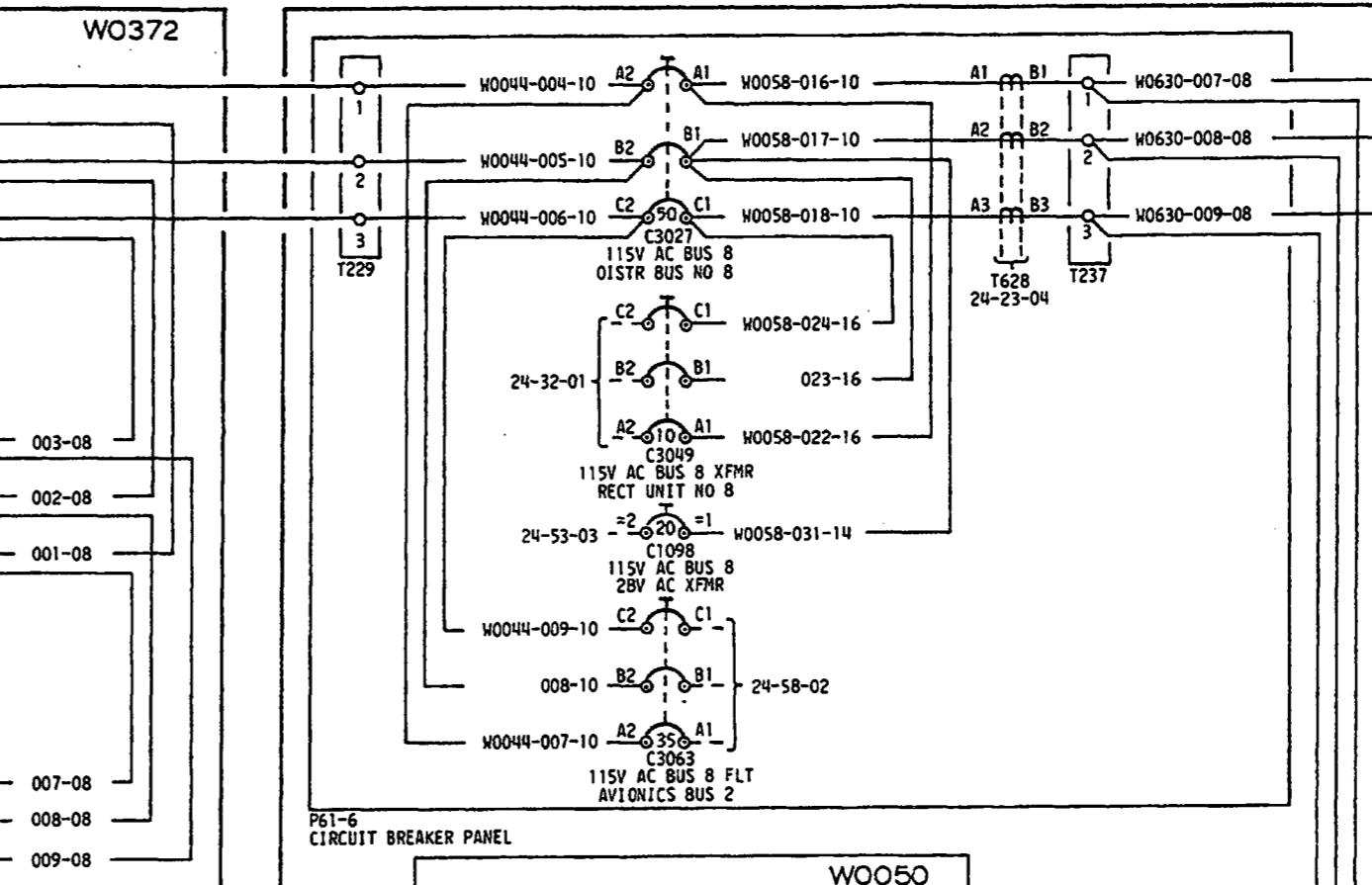
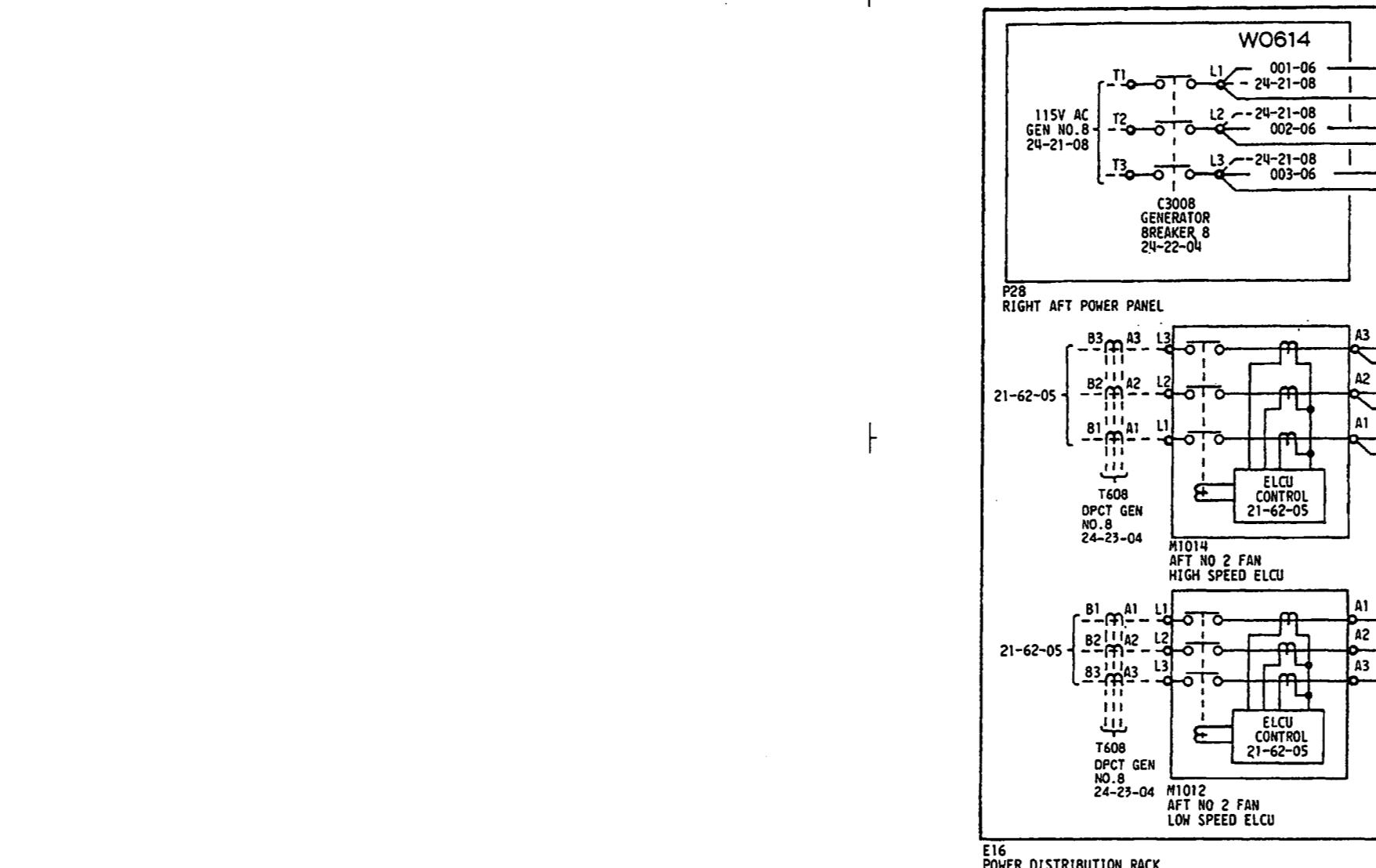


P67
AFT MISSION CIRCUIT BREAKER PANEL

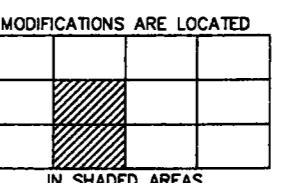


EFFECTIVITY:		TITLE		
ALL		115 VAC MISSION BUS NO 6 DISTRIBUTION NO 1		
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	Q	E-3F	81205	11-24-51-17-01

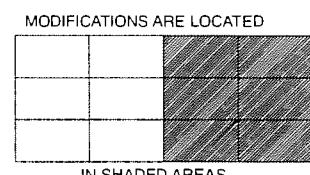
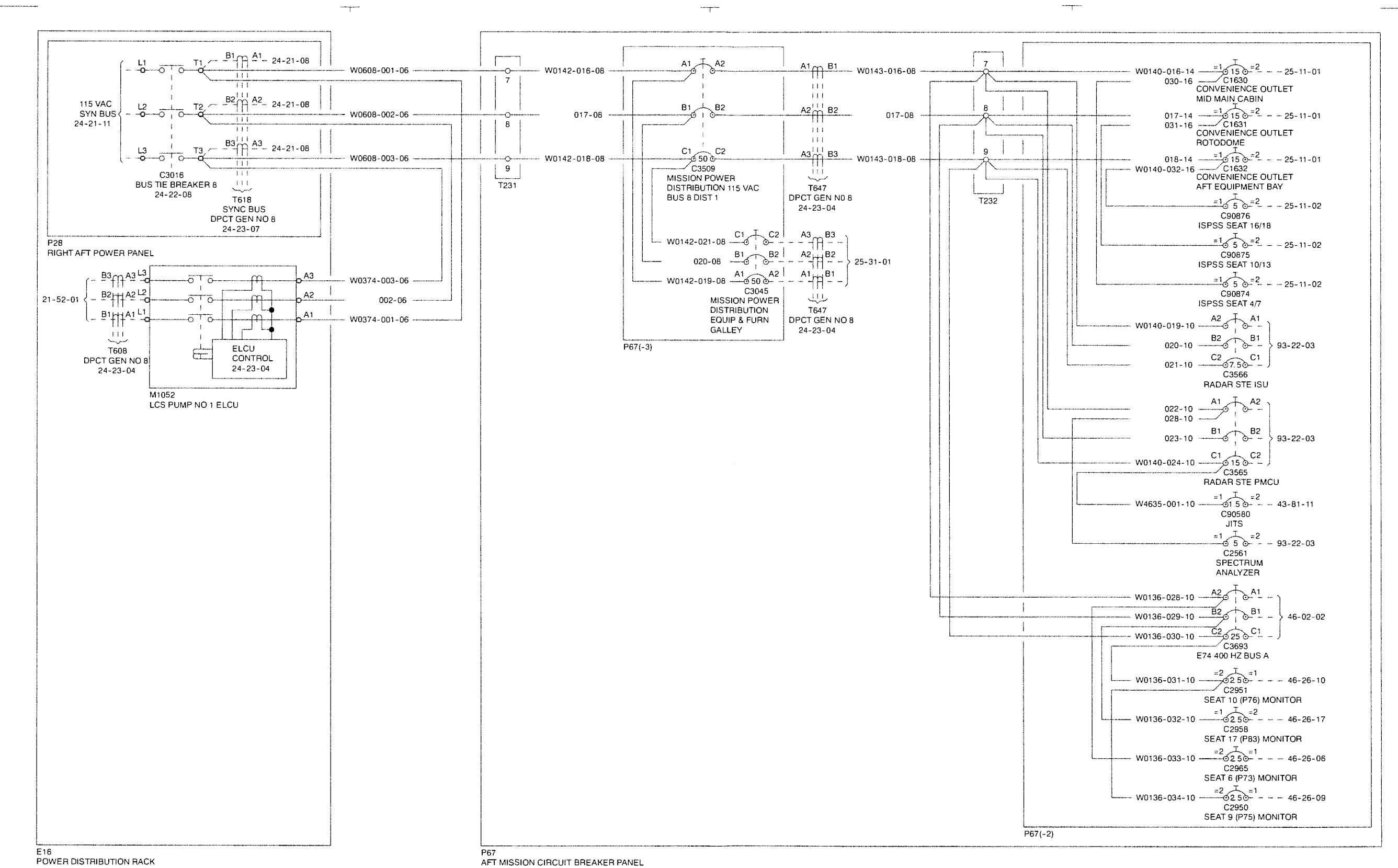




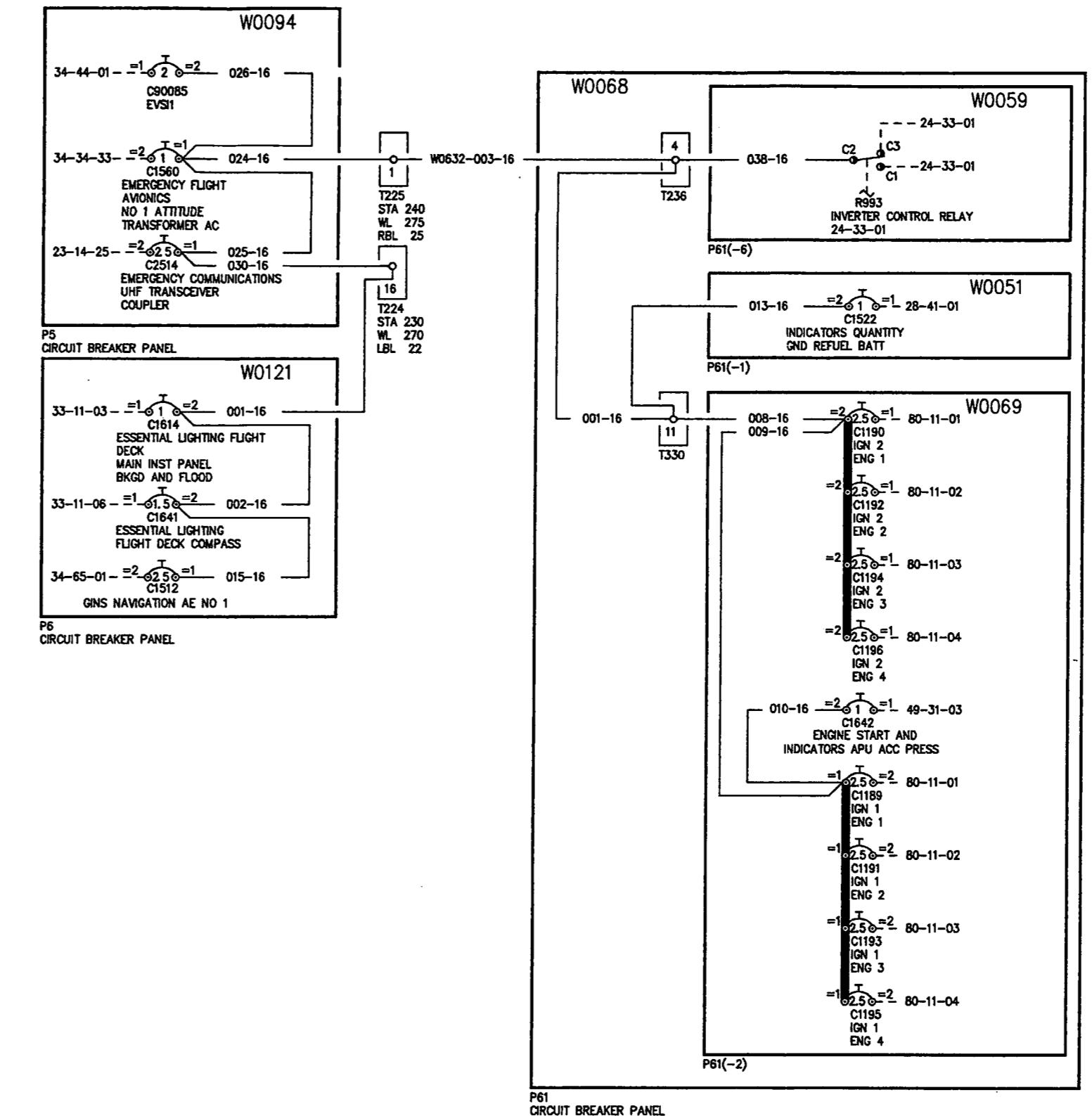
P61 CIRCUIT BREAKER PANEL



EFFECTIVITY:	TITLE		115V AC AIR VEHICLE BUS NO.8 DISTRIBUTION NO.1		
ALL					
DWG NO	REVISION	MODEL	CODE IDENT	PAGE	11-24-51-21-01
572-05305	R	E-3F	81205		

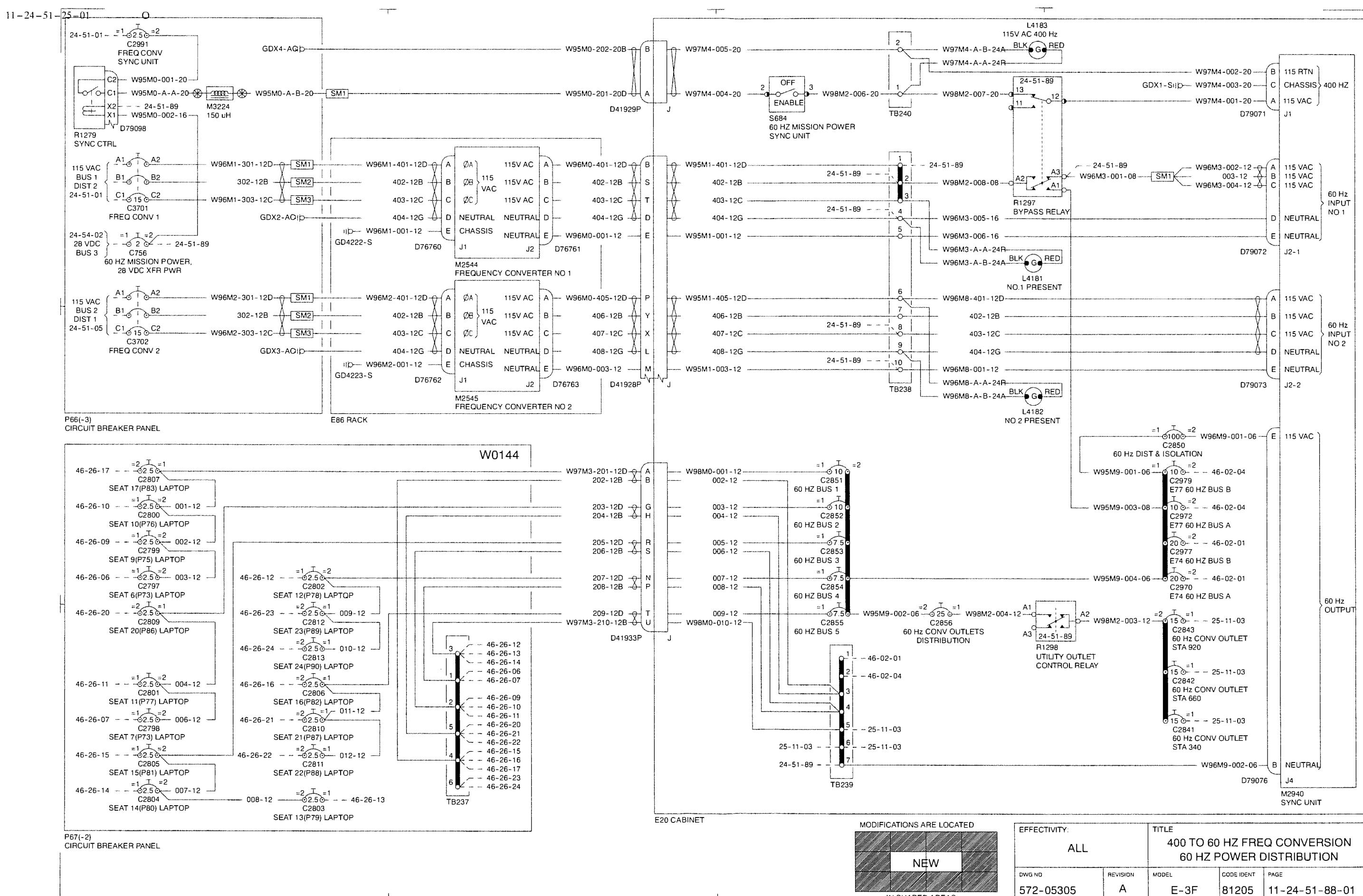


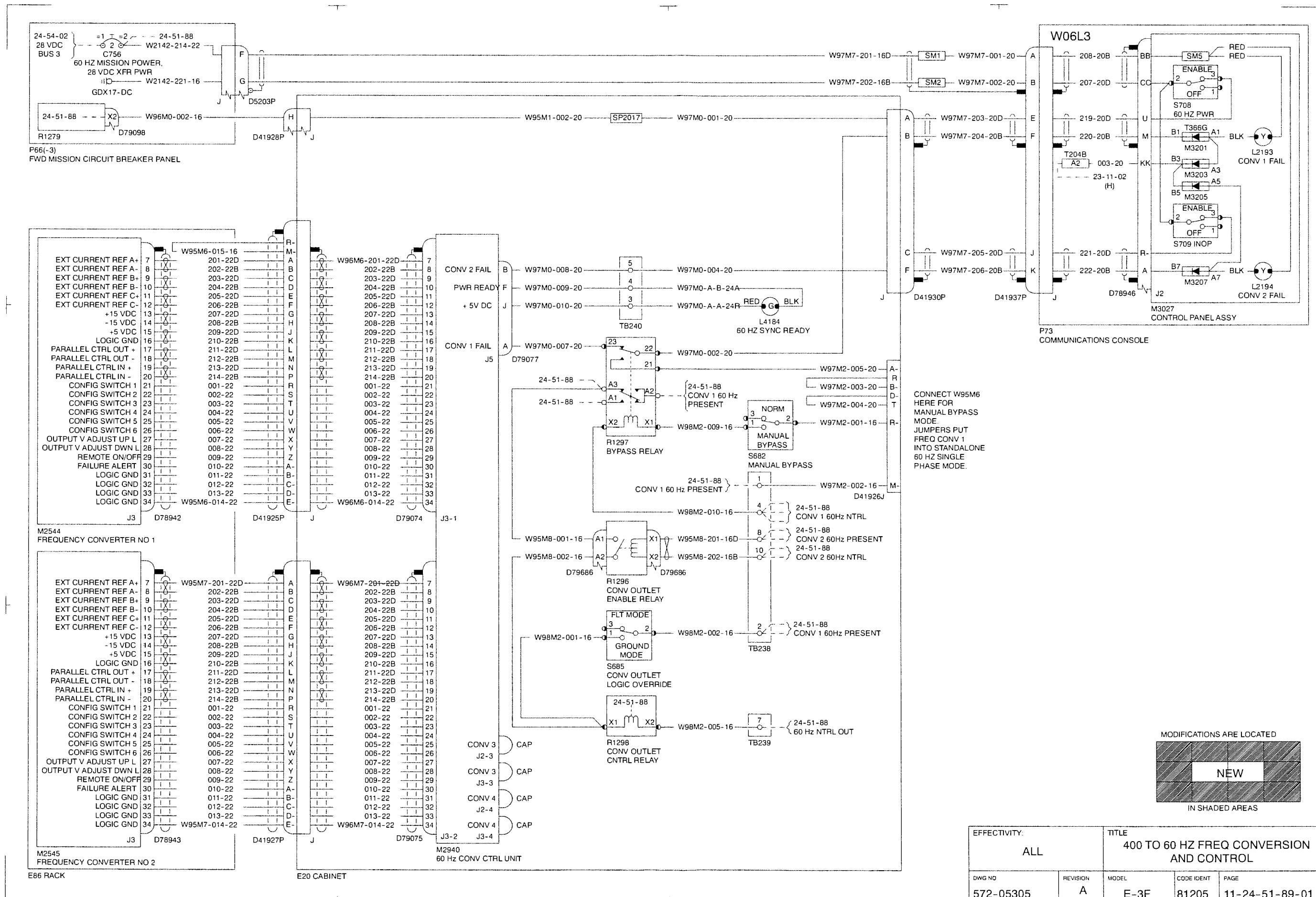
EFFECTIVITY:		TITLE		
ALL		115 VAC MISSION BUS NO 8 DISTRIBUTION NO 1		
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	X	E-3F	81205	11-24-51-23-01

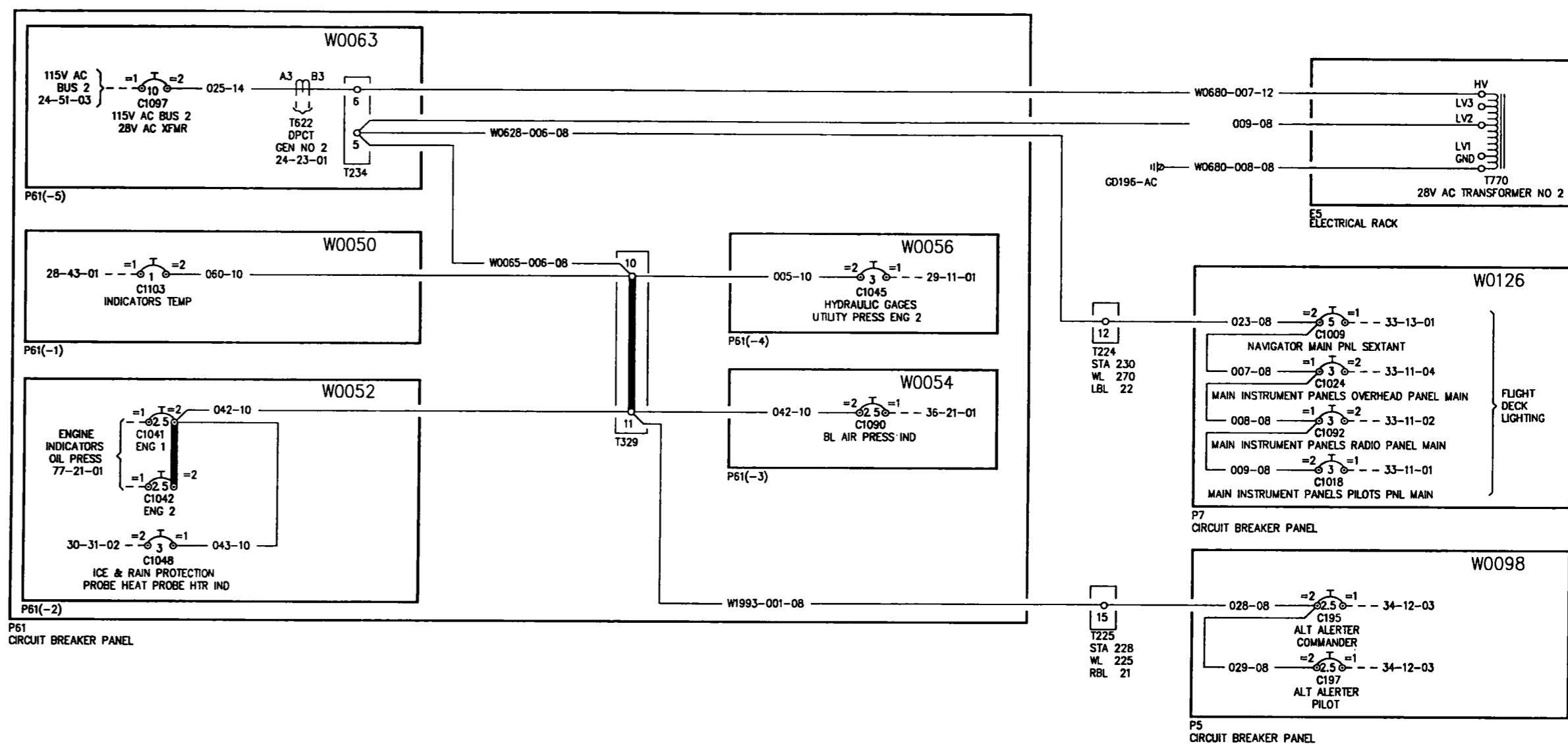


MODIFICATIONS ARE LOCATED
IN SHADED AREAS

EFFECTIVITY:		TITLE	
		115V AC EMERGENCY BUS	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	O	E-3F	F3033
			11-24-51-25-01

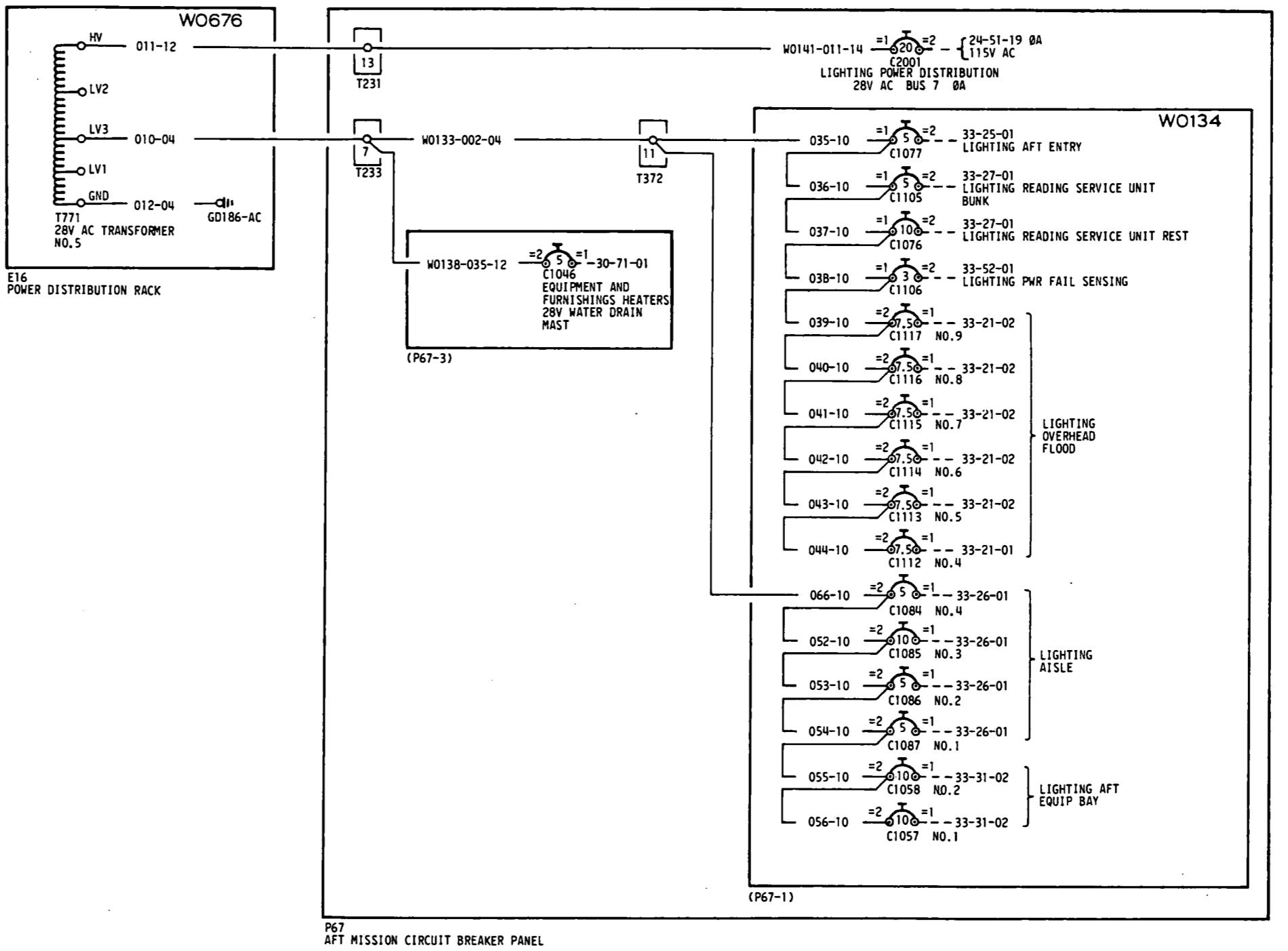






MODIFICATIONS ARE LOCATED
IN SHADeD AREAS

EFFECTIVITY:		TITLE	
		28V AC AIR VEHICLE BUS NO 2	
DWG NO	REVISION	MODEL	CODE IDENT PAGE
572-05305	M	E-3F	F3033 11-24-53-01-01

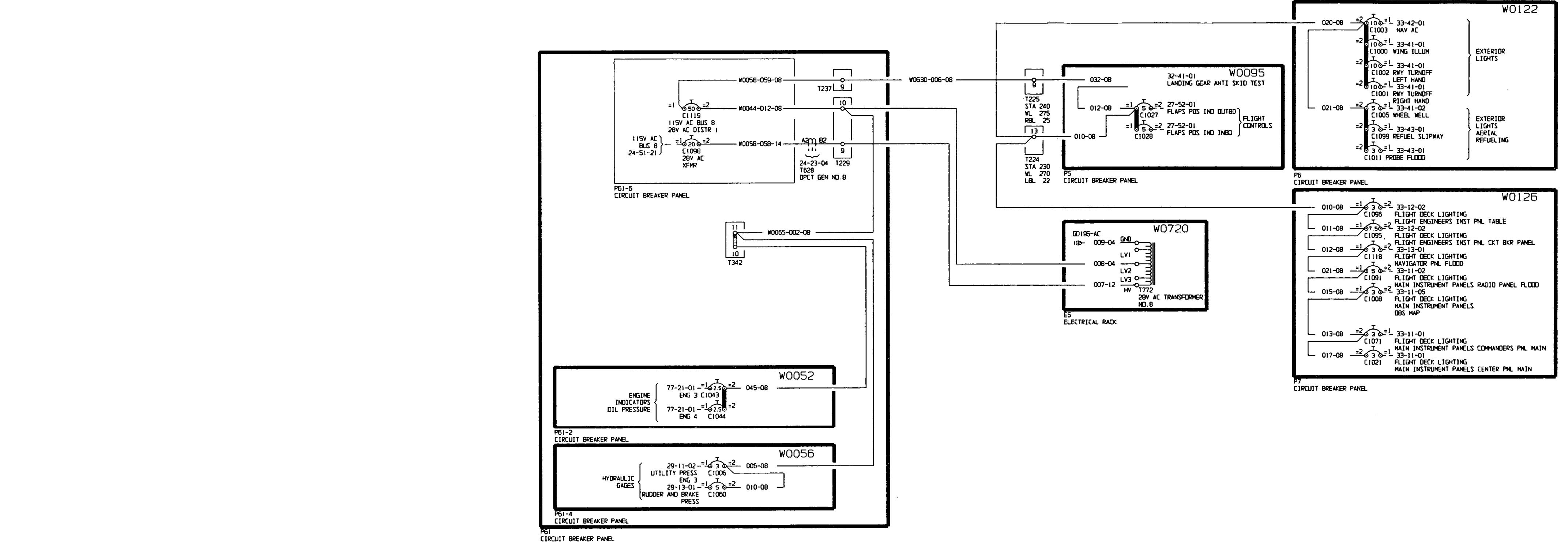
DRAFT: BIMOLEY 10-37-82, 2/20/89
TYPE: P67
CHECK: 22-5771

DATE: DEC 15/89

CHANGE:

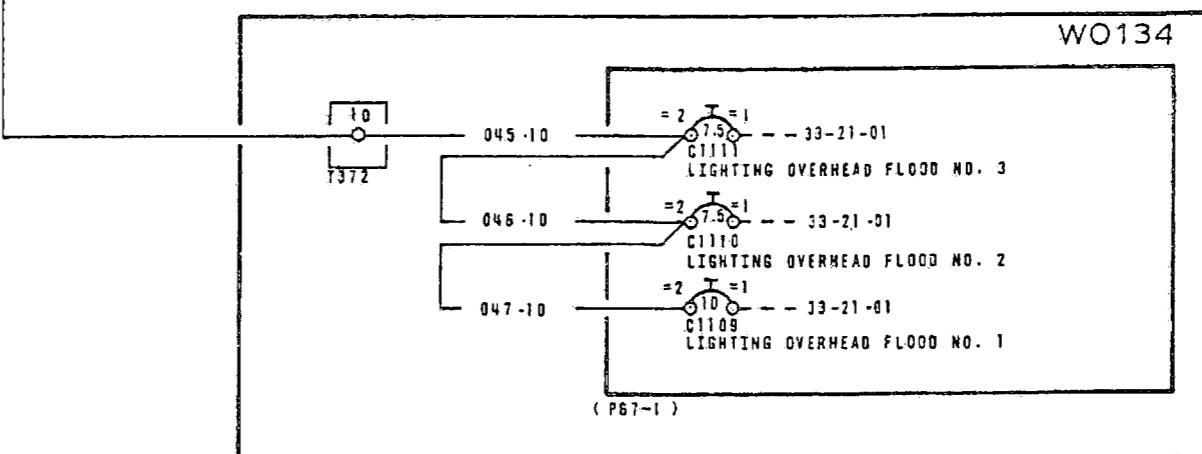
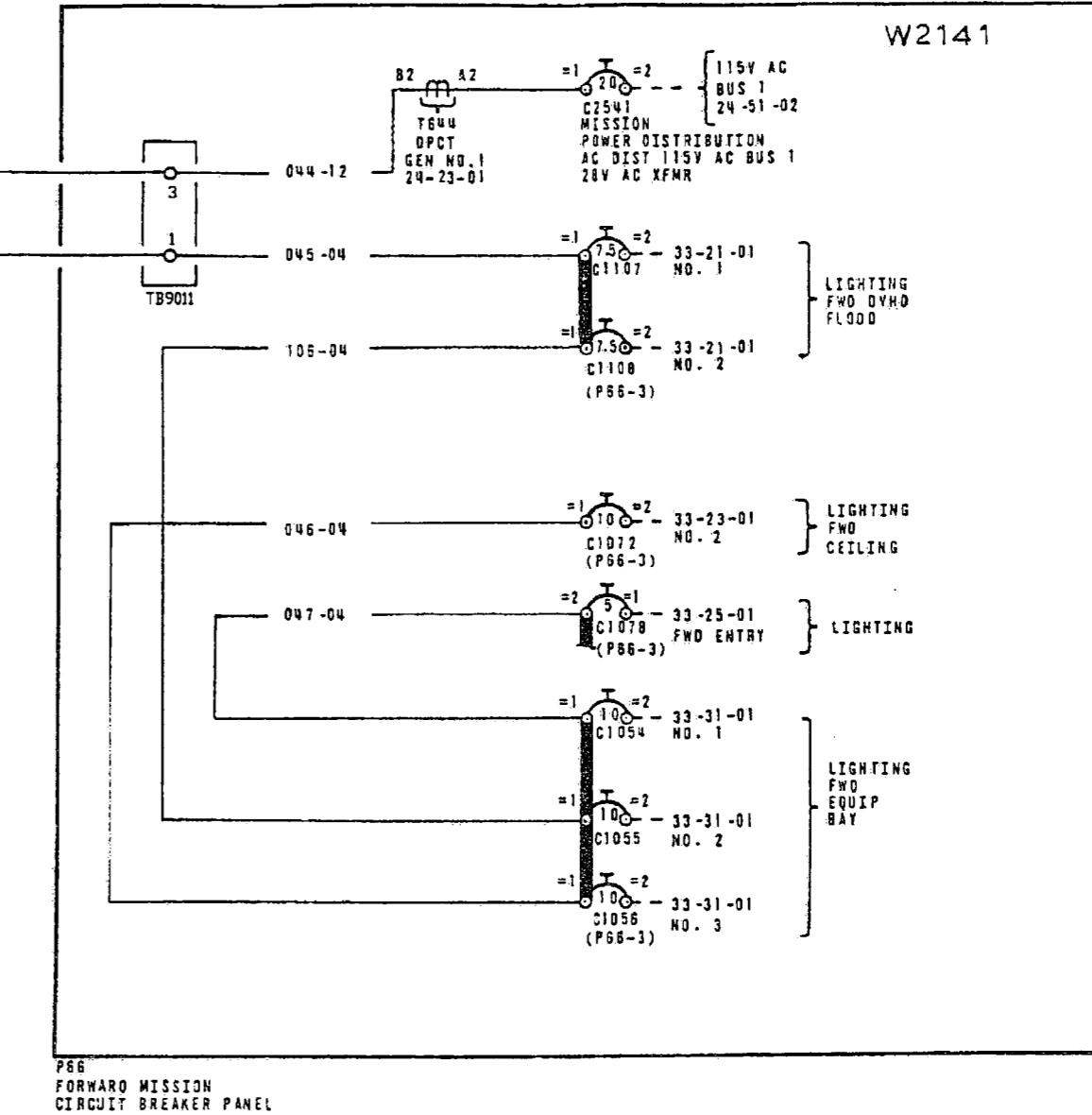
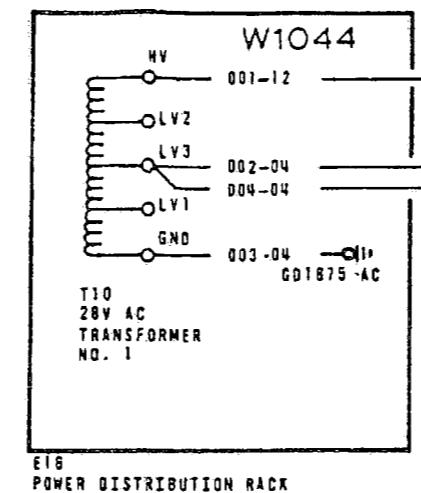
EFFECTIVITY		TITLE	
ALL		28V AC MISSION BUS NO.7	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205 11-24-53-02-01

X-203008IG 3/73



L 15/93

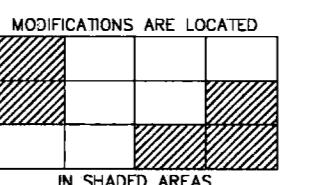
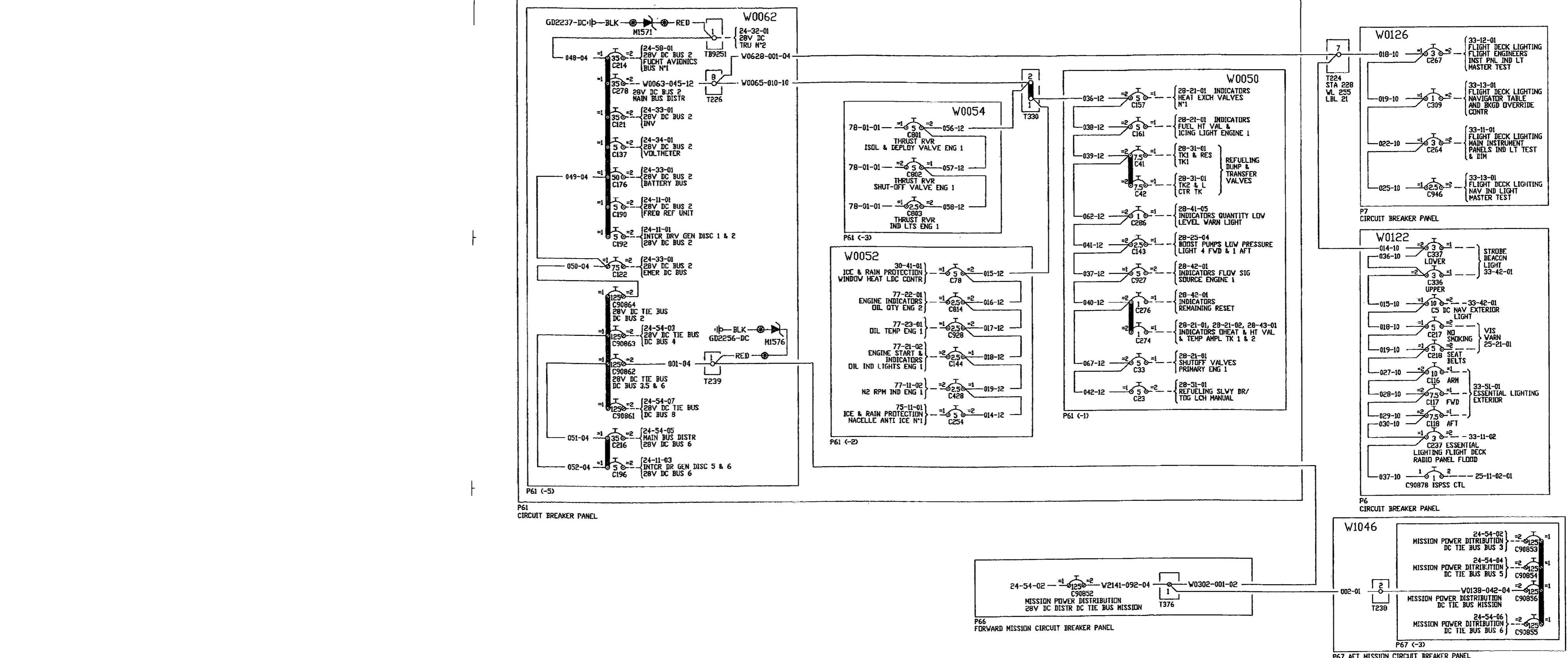
EFFECTIVITY ALL		TITLE 28V AC AIR VEHICLE BUS NO.8		
DRG NO 572-05305	REVISION E	MODEL E-3A	CODE IDENT 81205	PAGE 11-24-53-03-01



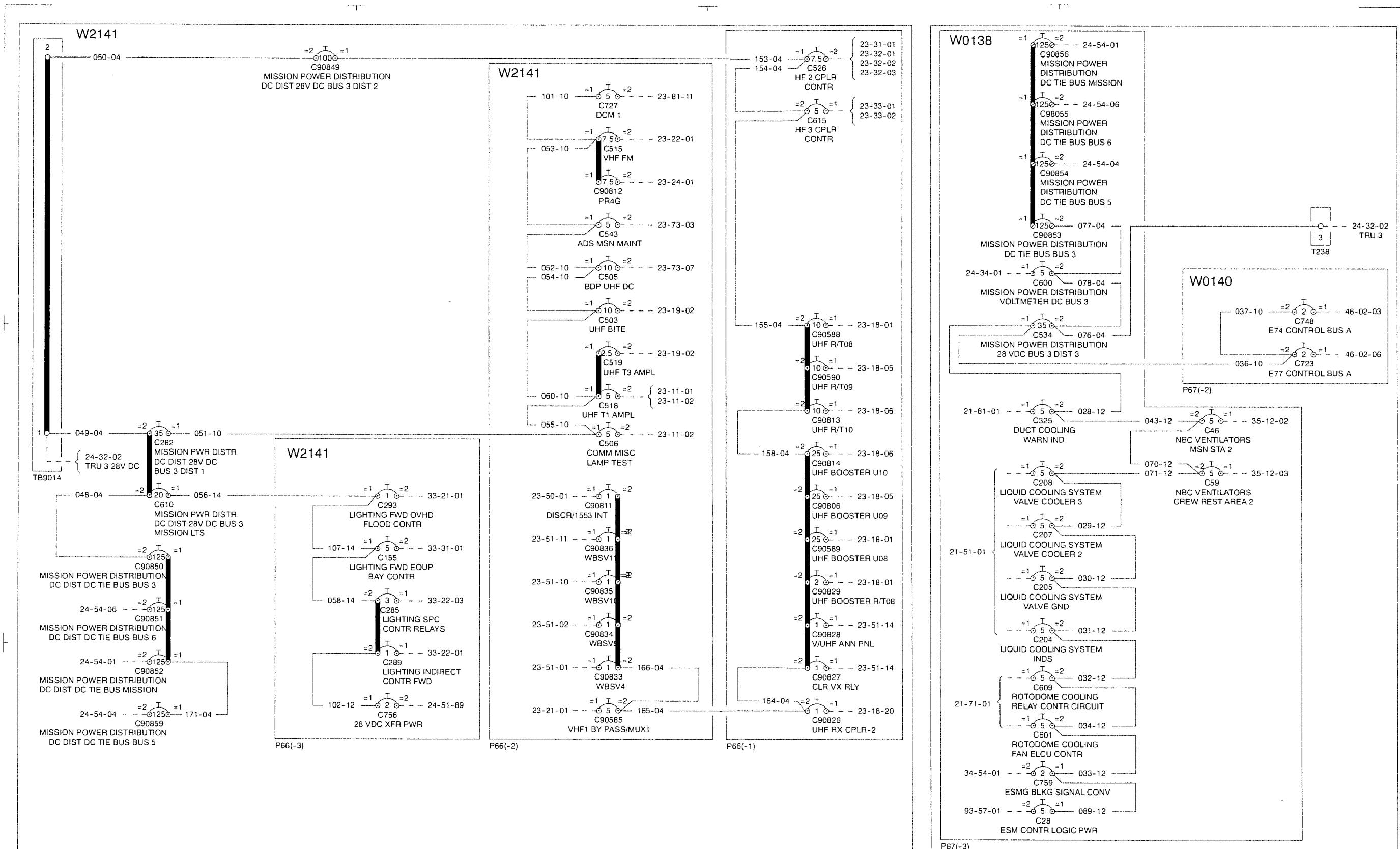
MODIFICATIONS ARE LOCATED			

IN SHADED AREAS

EFFECTIVITY:		TITLE		
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	W	E-3F	F3033	11-24-53-04-01



EFFECTIVITY:	TITLE			
ALL	28V DC AIR VEHICLE BUS N° 2			
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	W	E-3F	F3033	11-24-54-01-01

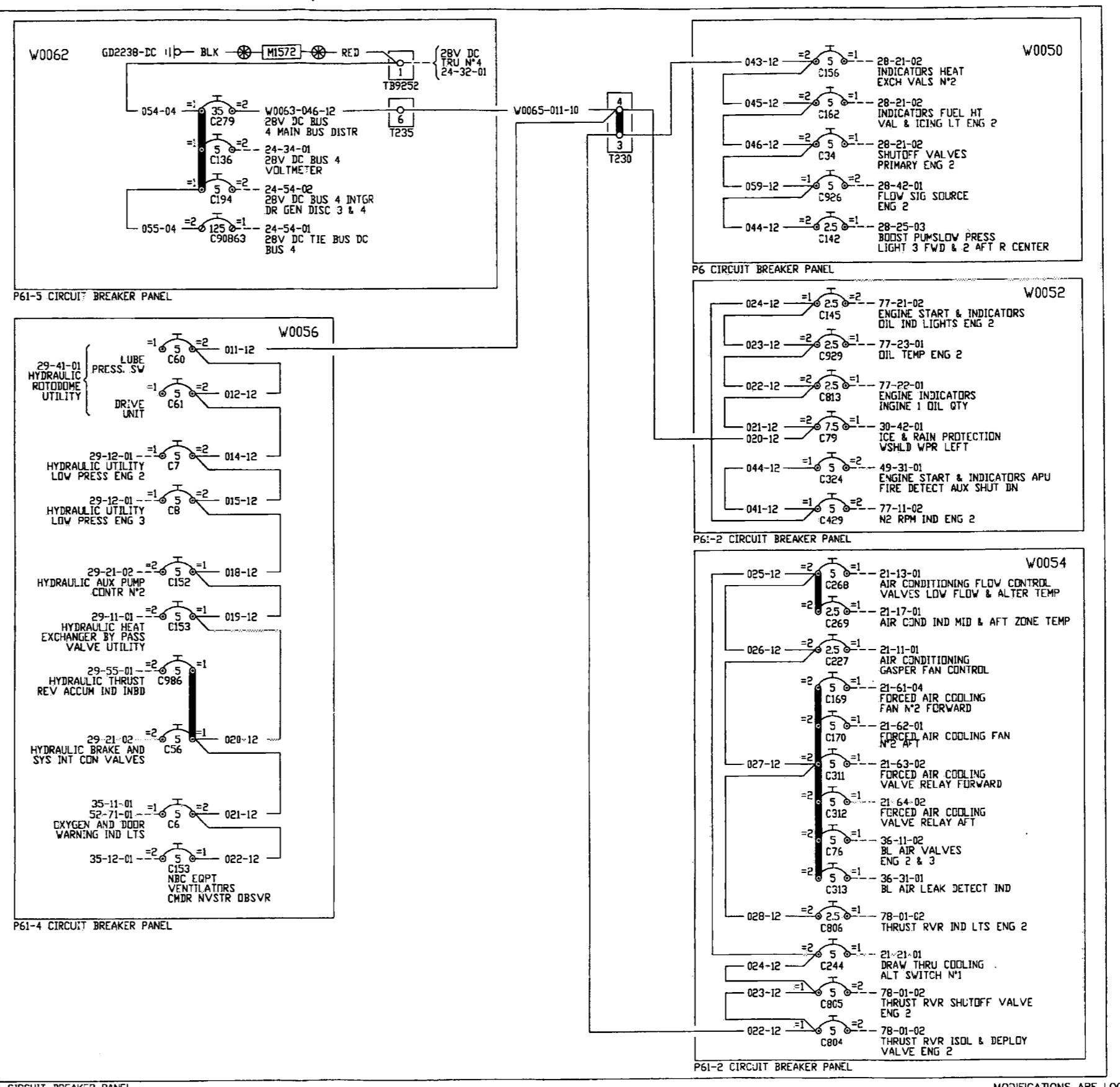


P66
FORWARD MISSION CIRCUIT BREAKER PANEL

AFT MISSION CIRCLE
MODIFICATIONS ARE LOCATED

IN SHADED AREAS

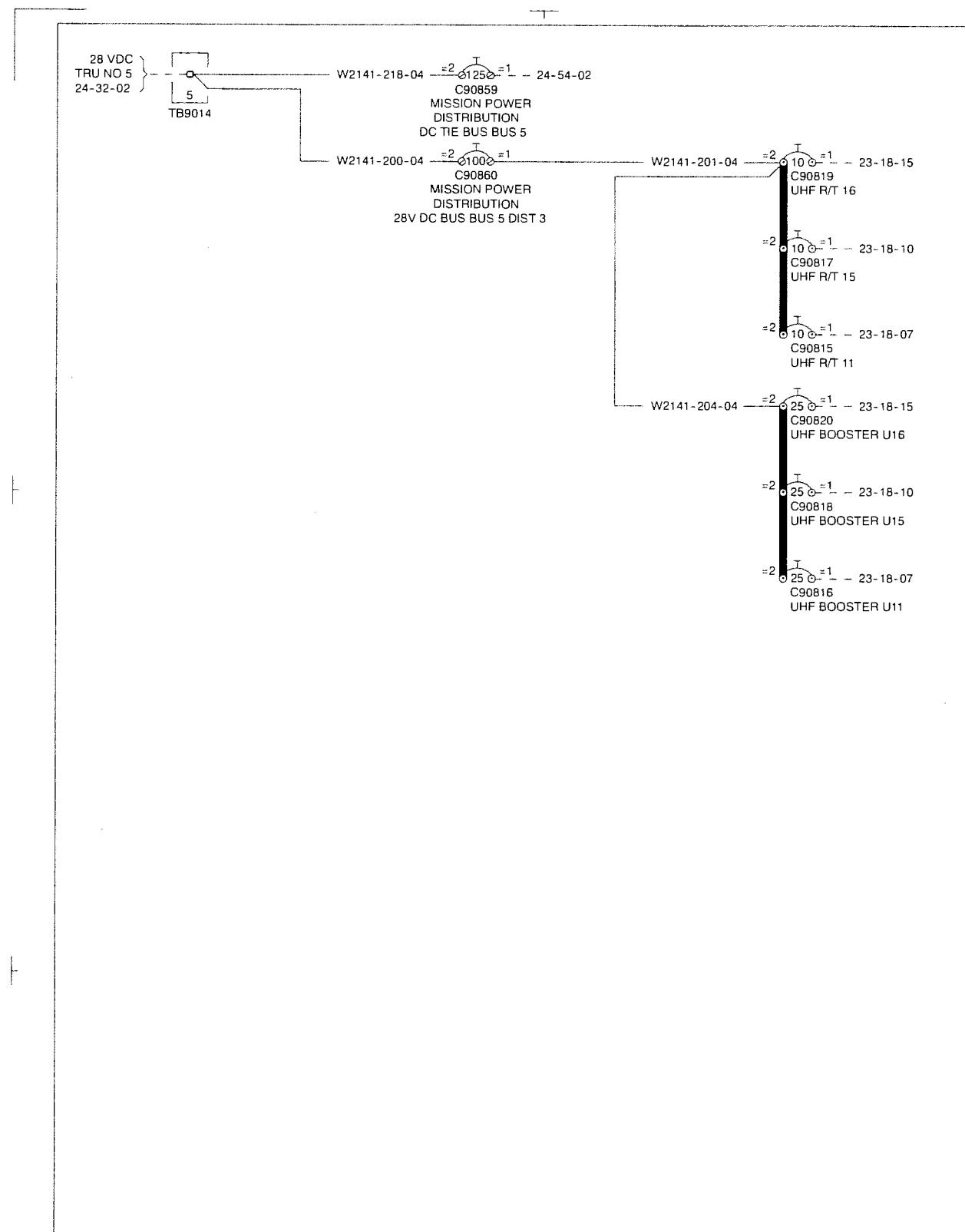
EFFECTIVITY: ALL		TITLE 28 VDC MISSION BUS NO 3		
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	X	E-3F	81205	11-24-54-02-01



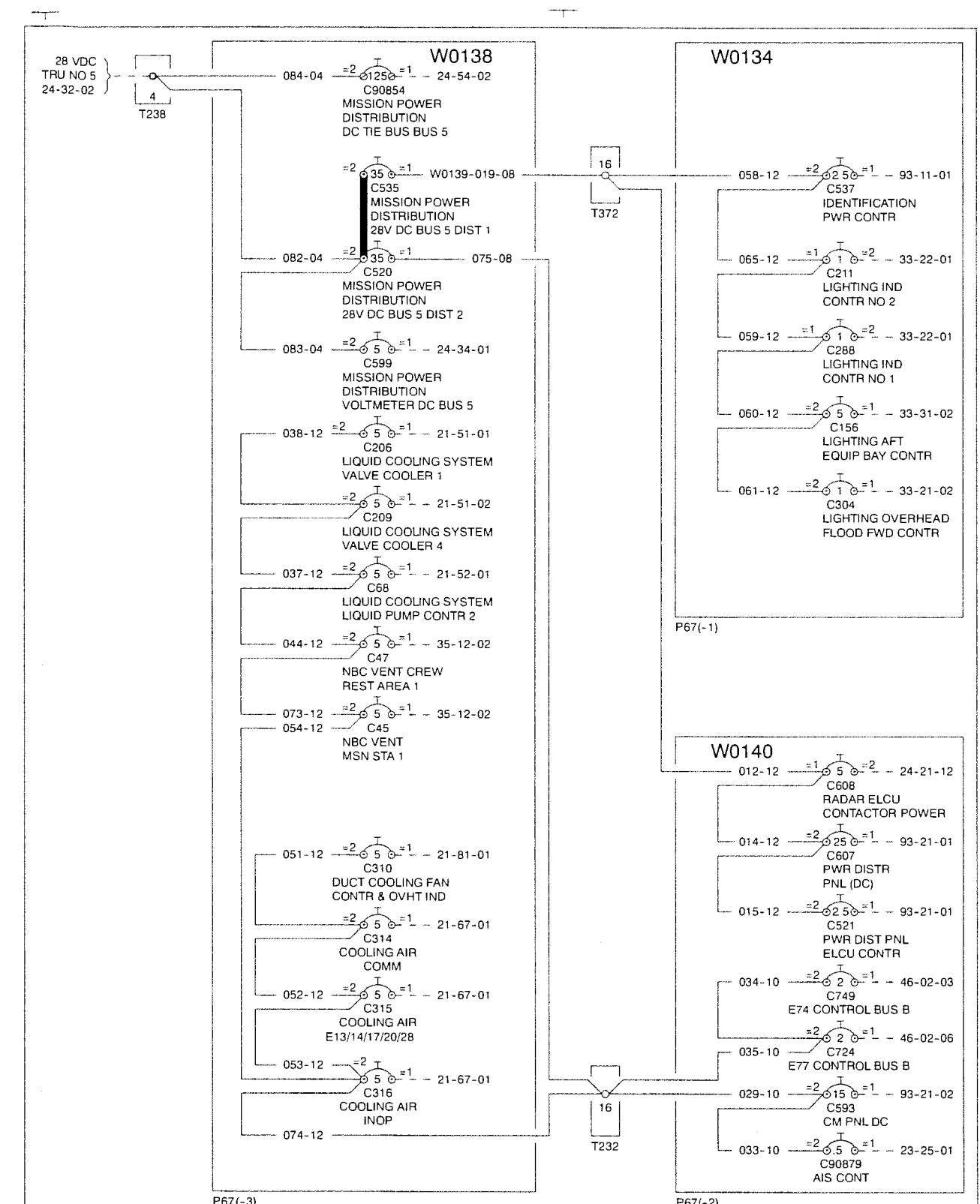
MODIFICATIONS ARE LOCATED

IN SHADDED AREAS	

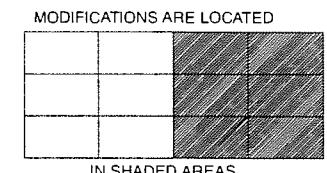
EFFECTIVITY:		TITLE		
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	W	E-3F	F3033	11-24-54-03-01



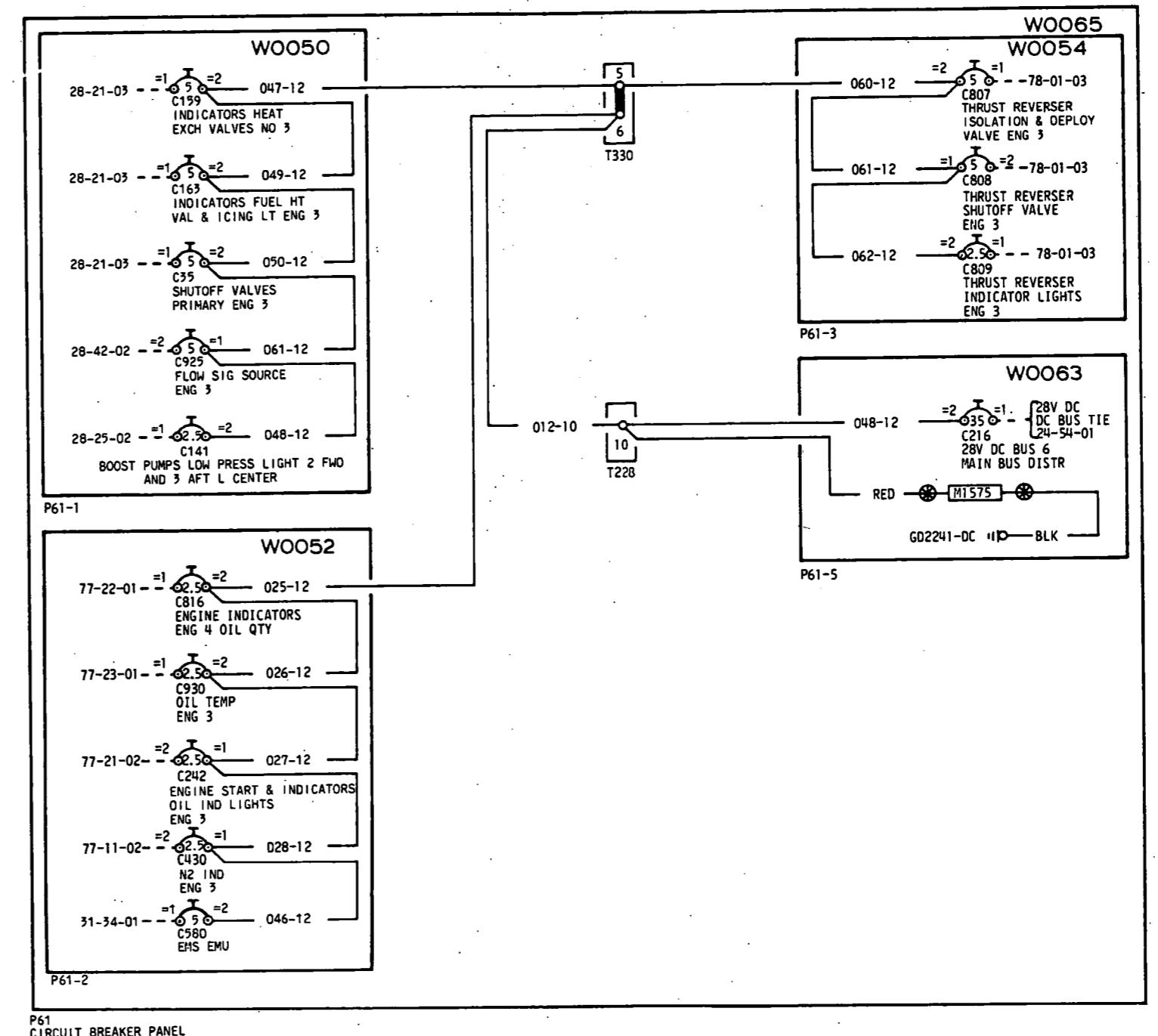
P66(-1)
FORWARD MISSION CIRCUIT BREAKER PANEL



P67
AFT MISSION CIRCUIT BREAKER PANEL



EFFECTIVITY:		TITLE		
ALL		28 VDC MISSION BUS NO 5		
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	X	E-3F	81205	11-24-54-04-01



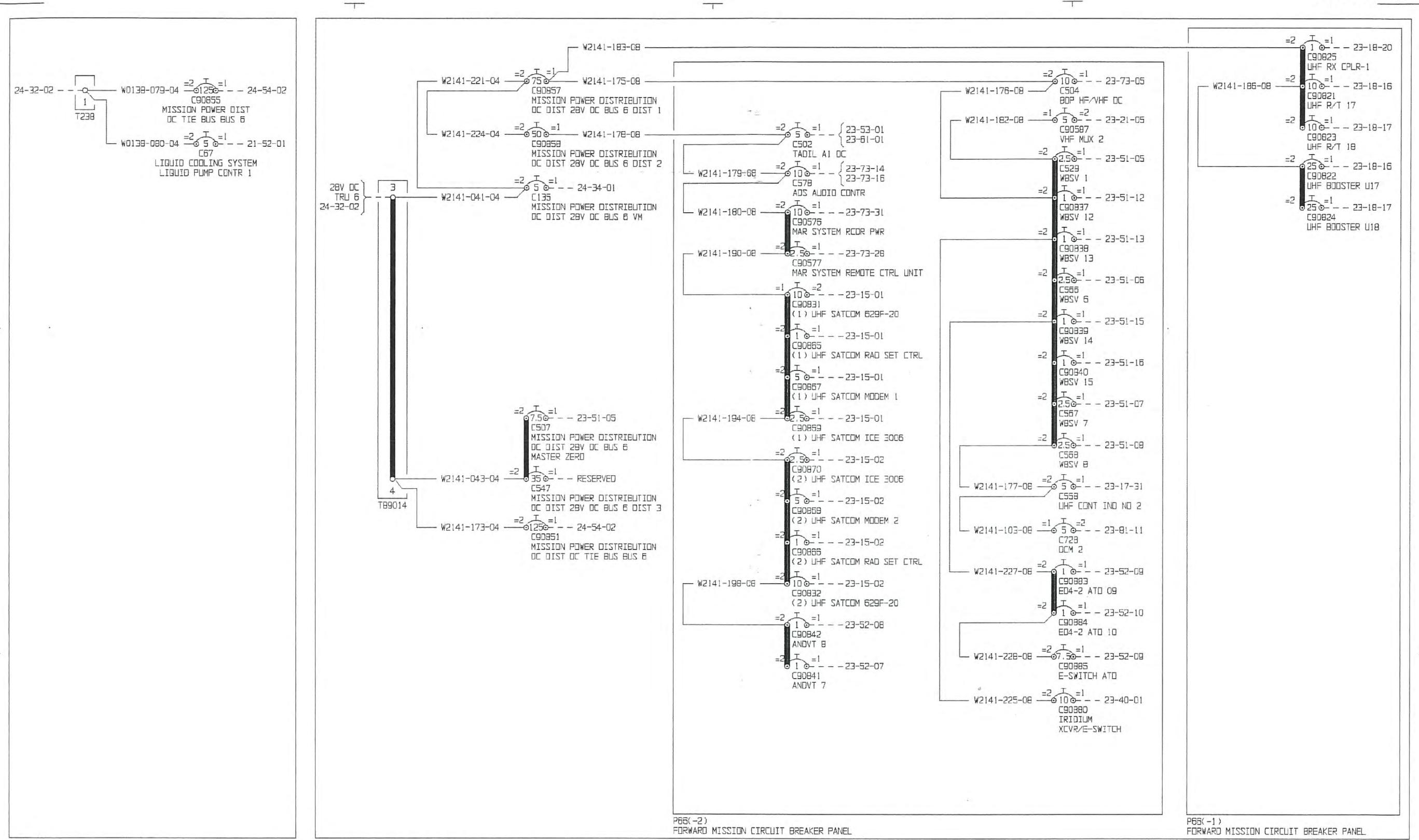
DRAFT: 10/10/87
TYPE: 10/10/87
CHECK: 10/10/87

DATE: AUG 15/90

CHANGE: ADCN 22

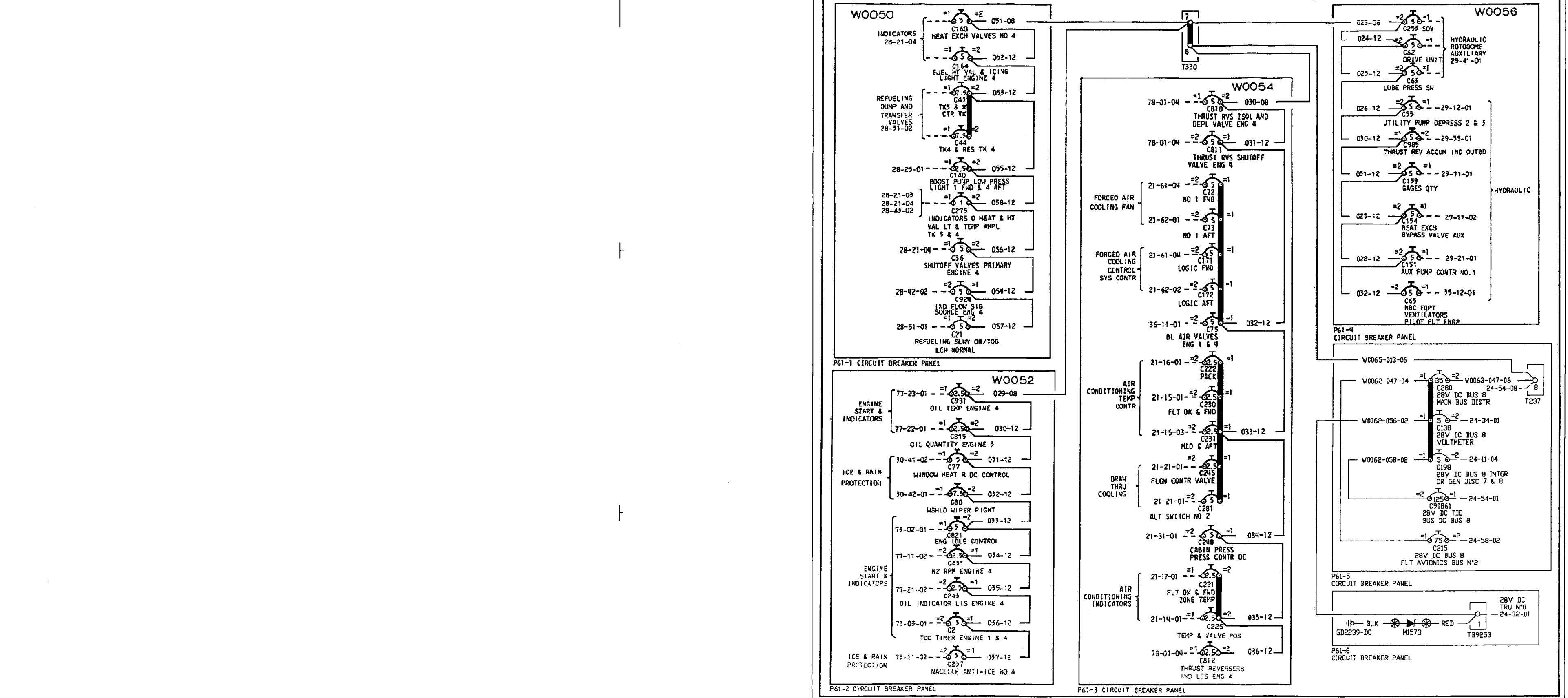
EFFECTIVITY:		TITLE	
ALL		28V DC AIR VEHICLE BUS NO 6	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	B	E-3	81205

PAGE
11 - 24 - 54 - 05 - 01



MODIFICATIONS ARE LOCATED		
IN SHADDED AREAS		

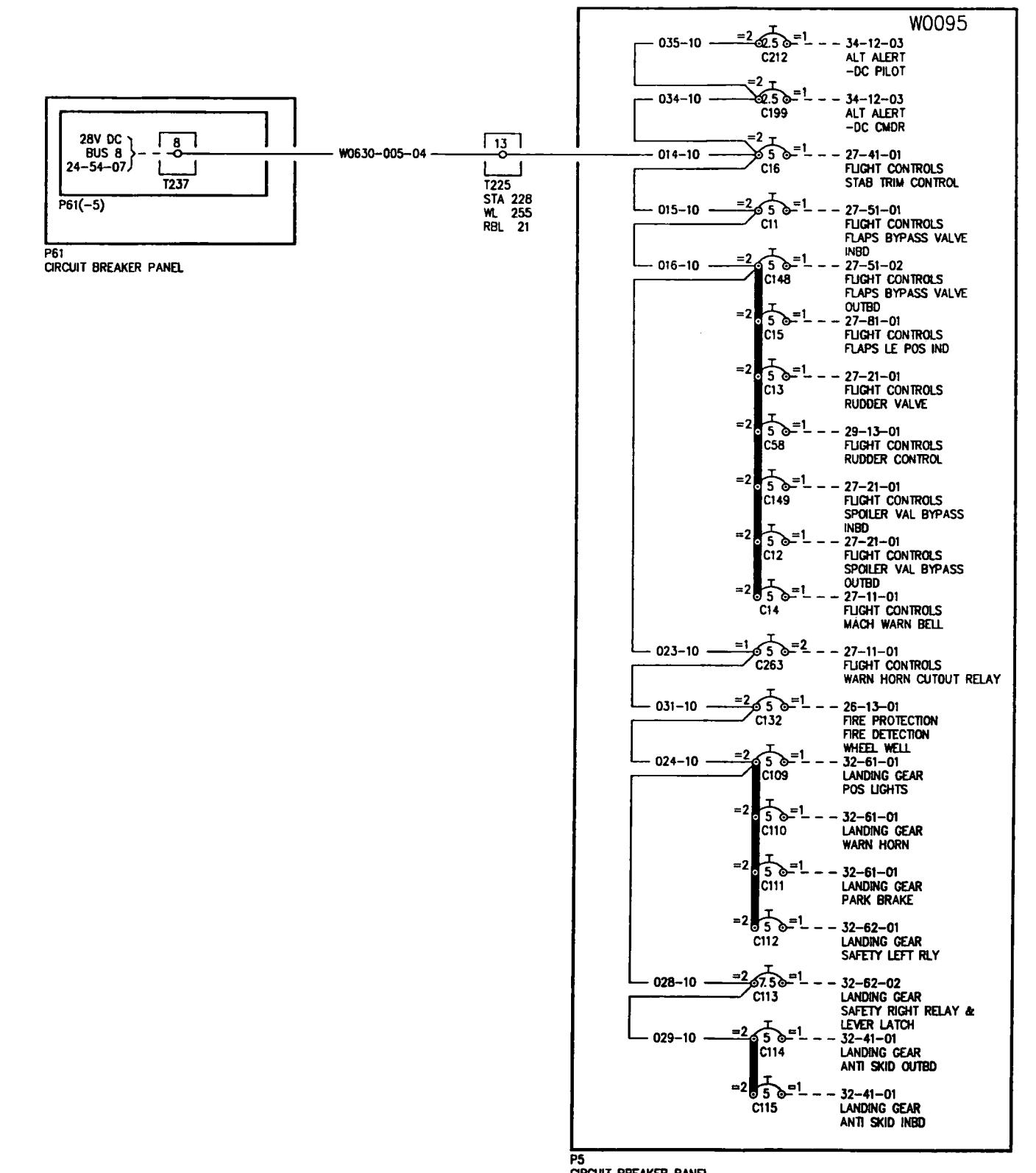
EFFECTIVITY		TITLE	
ALL		SATCOM DAMA ATO 28V DC MISSION BUS N°6	
DWG N°	REVISION	MODEL	CODE IDENT
572-05305	AA	E-3F	F3033
			11-24-54-06-01



MODIFICATIONS ARE LOCATED			
		Hatched Area	
		Hatched Area	

IN SHADeD AREAS

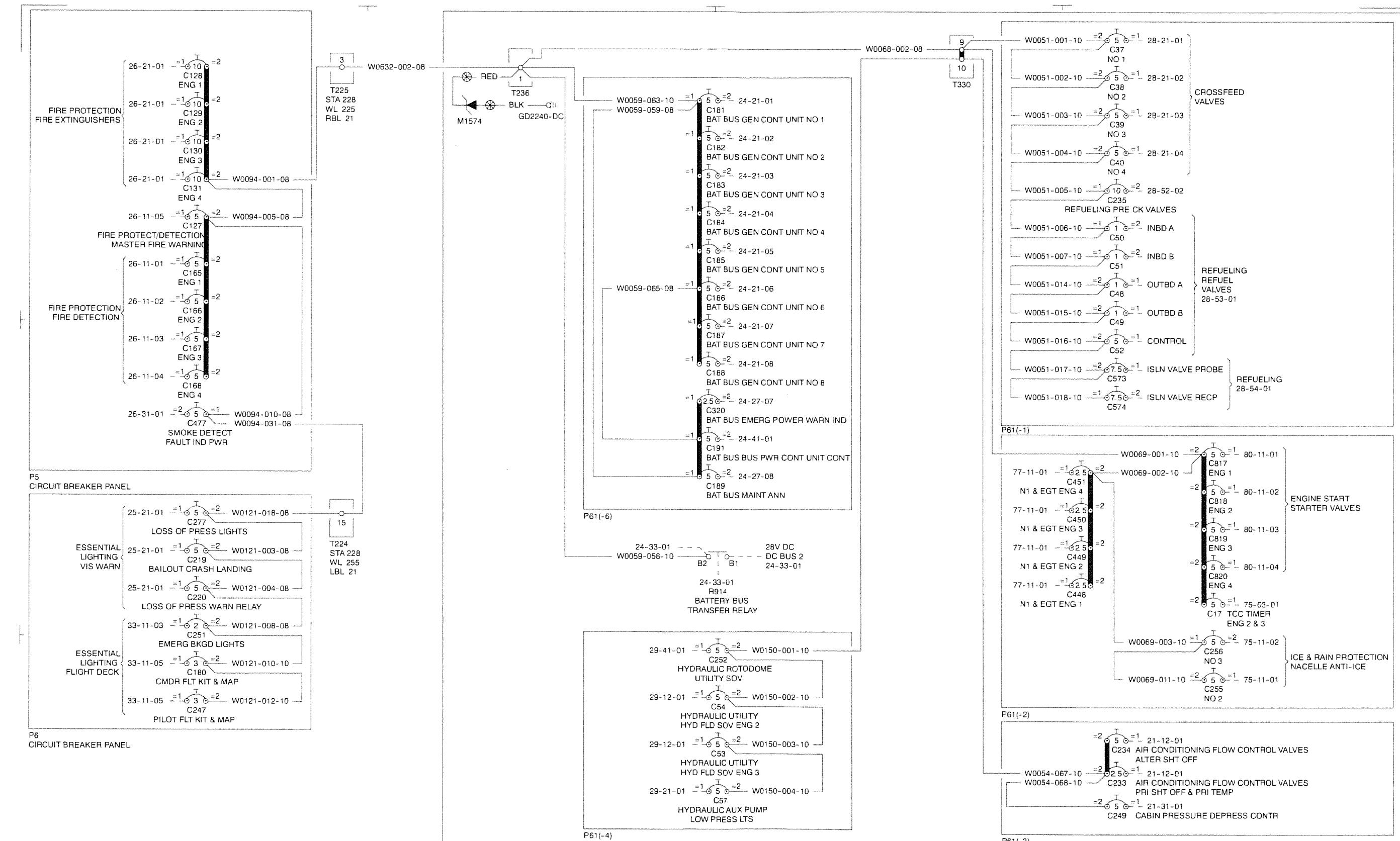
ACTIVITY: ALL		TITLE 28V DC AIR VEHICLE BUS N°8 DISTRIBUTON N°1			
NO 2-05305	REVISION W	MODEL E-3F	CODE IDENT F3033	PAGE 11-24-54-07-01	



MODIFICATIONS ARE LOCATED	

IN SHADeD AREAS

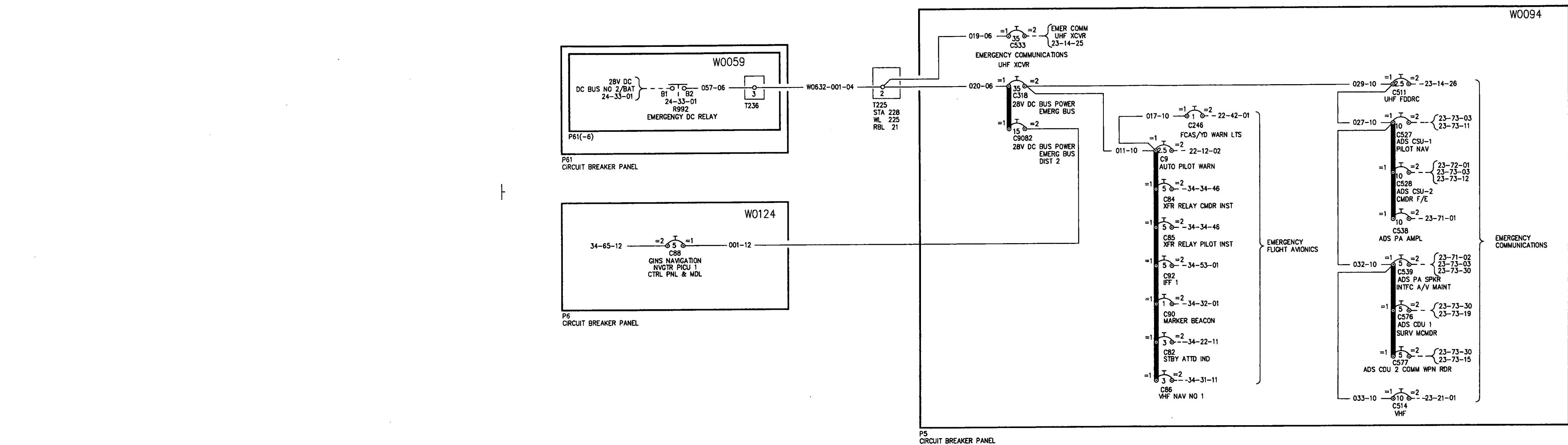
EFFECTIVITY:	TITLE	28V DC AIR VEHICLE BUS NO 8 DISTRIBUTION NO 2		
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	M	E-3F	F3033	11-24-54-08-01



P61

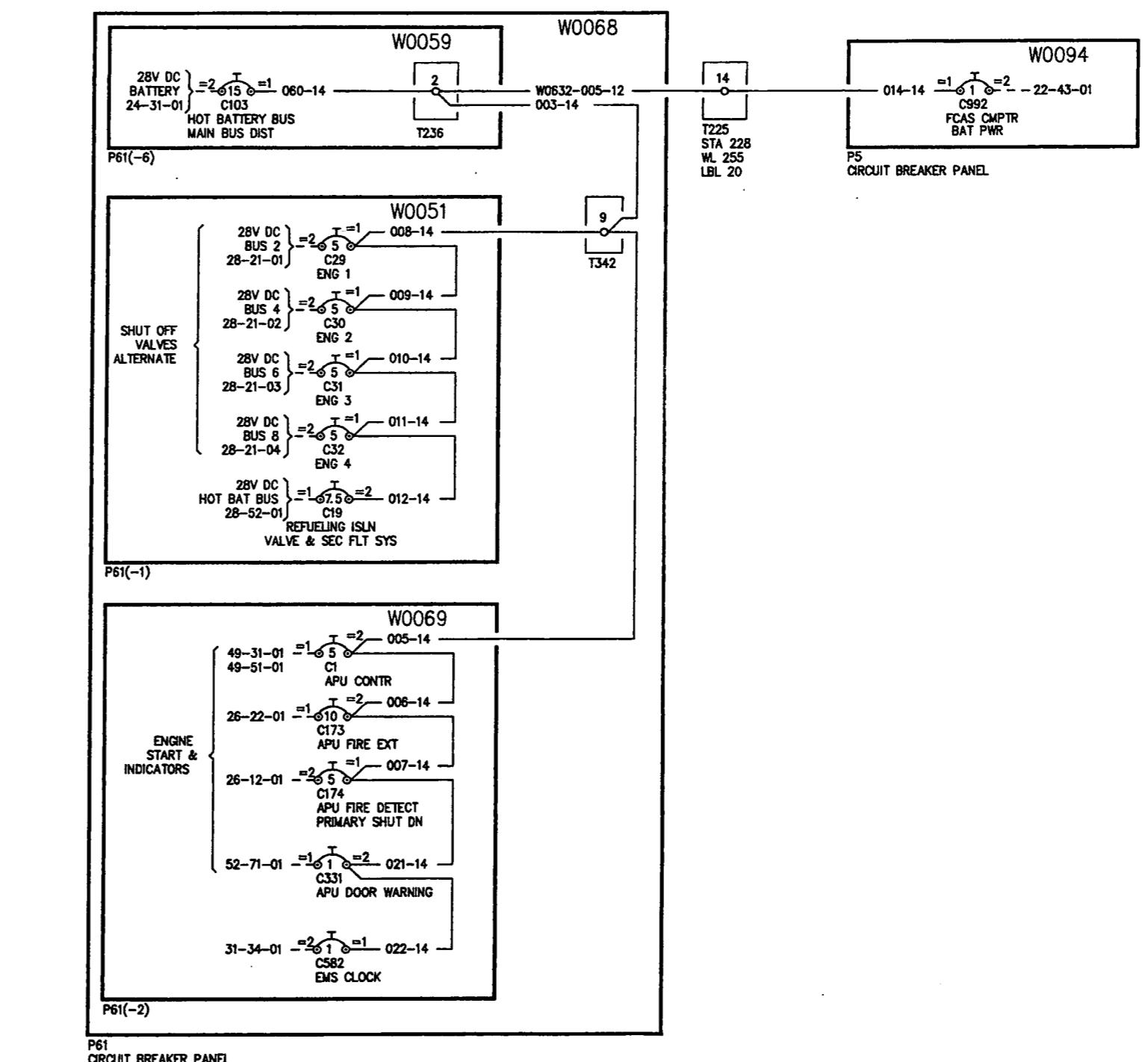
MODIFICATIONS ARE LOCATED

EFFECTIVITY: ALL	TITLE 28 VDC BATTERY BUS
DWG NO 572-05305	REVISION C



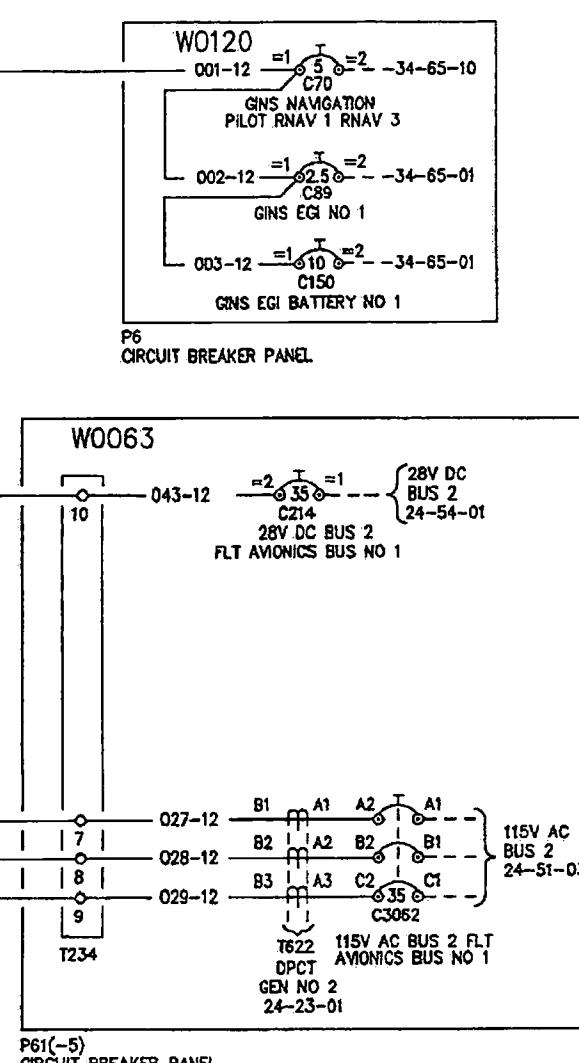
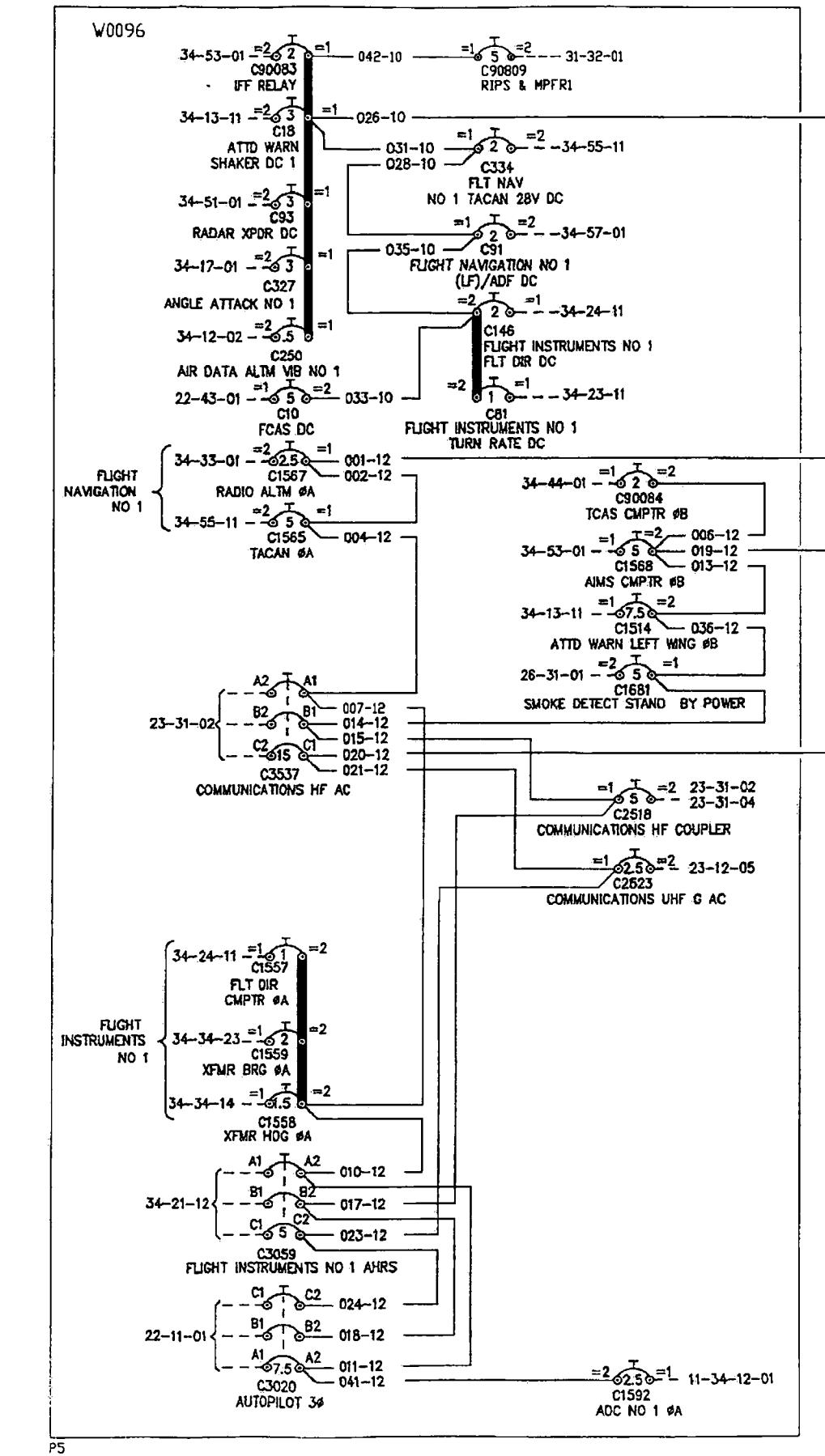
MODIFICATIONS ARE LOCATED IN SHADeD AREAS			

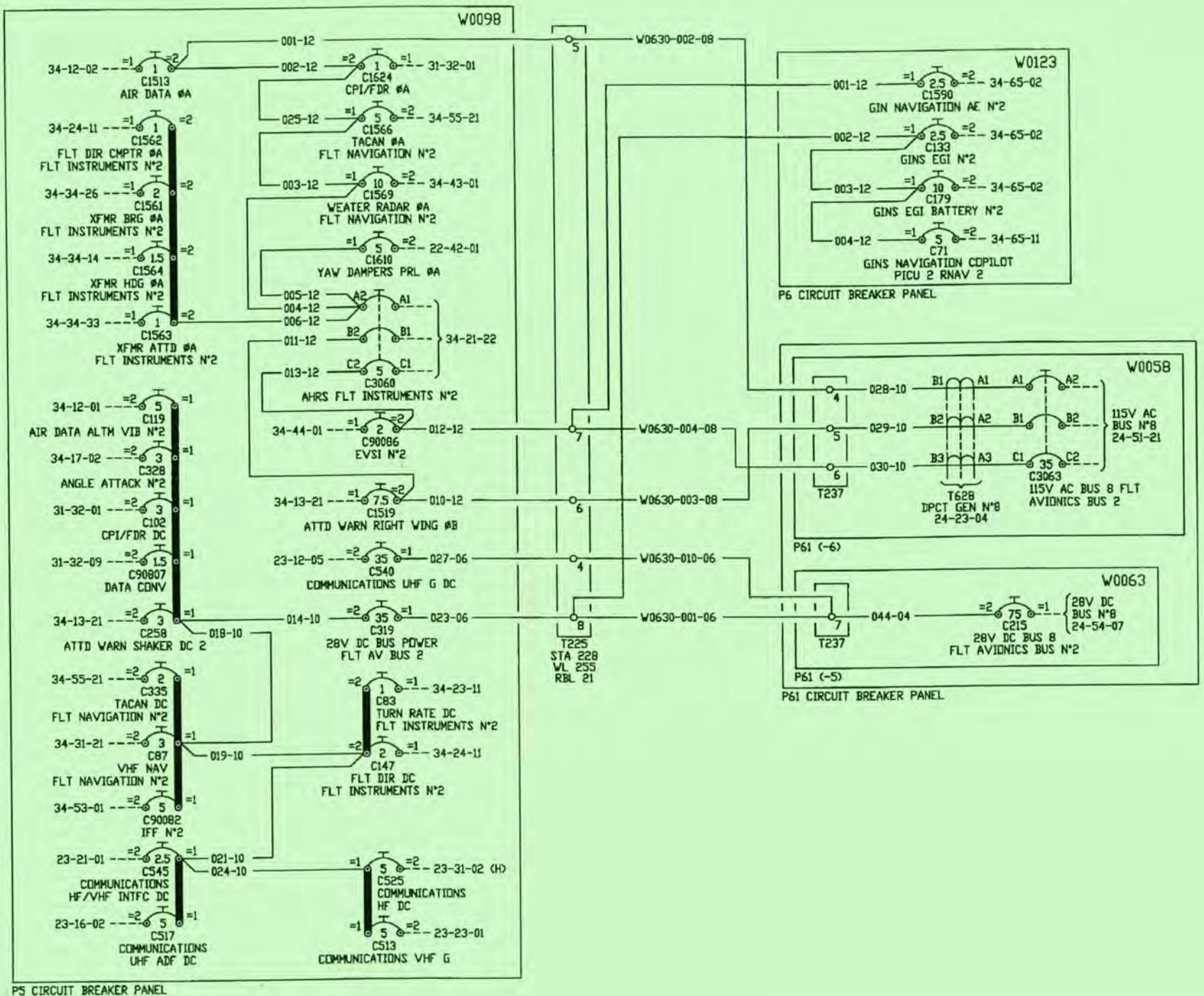
EFFECTIVITY:	ALL	TITLE	
DWG NO.	REVISION	MODEL	CODE IDENT
572-05305	S	E-3F	F3033
			11-24-54-10-01



MODIFICATIONS ARE LOCATED IN SHADED AREAS			
		■	

EFFECTIVITY:		TITLE		
DWG NO	REVISION	MODEL	CODE IDENT	PAGE
572-05305	N	E-3F	F3033	11-24-54-11-01

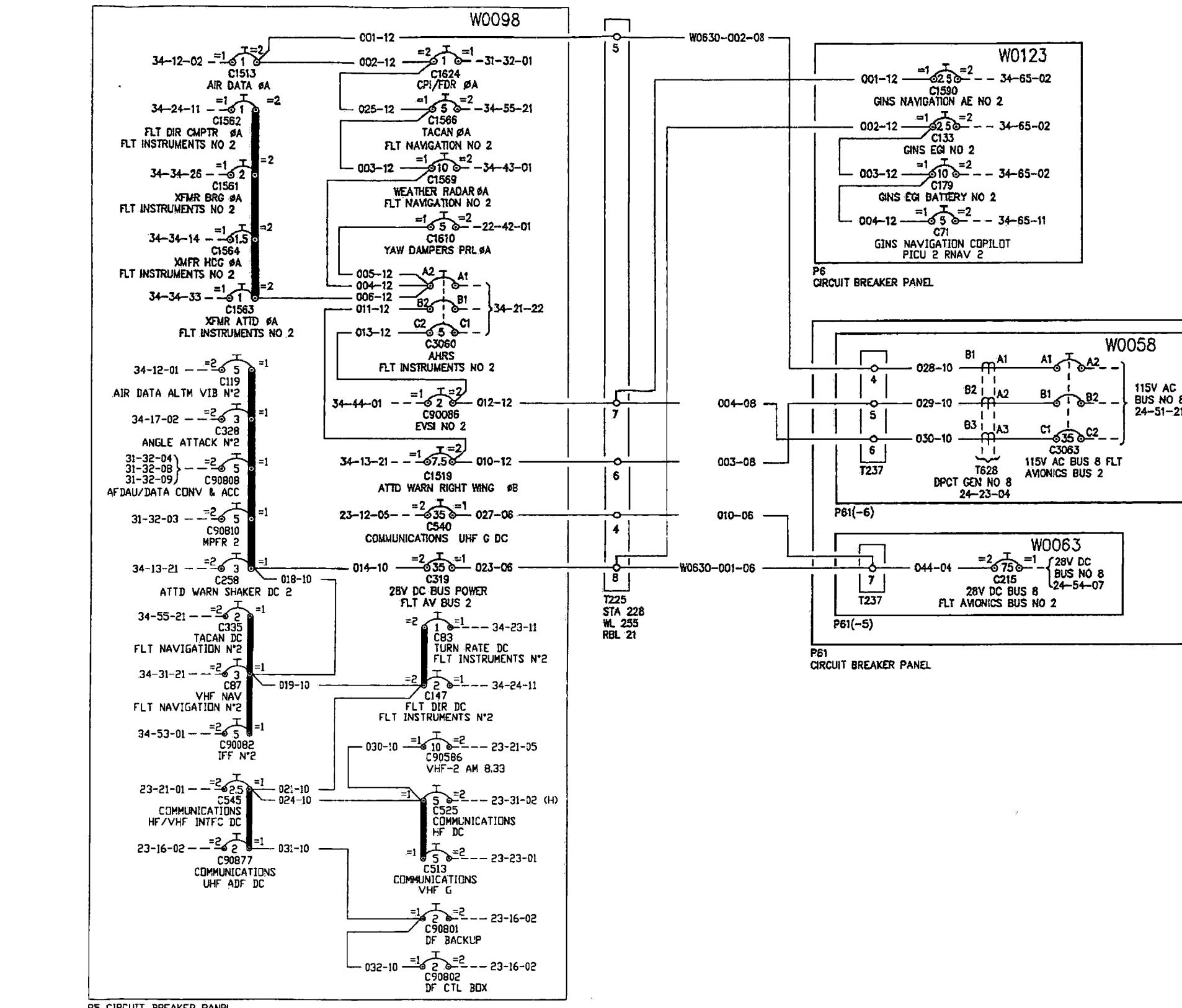




LAW OFFICES ARE LOCATED

MODIFICATIONS ARE LOCATED			
			

EFFECTIVITY: ALL		TITLE 115V AC AND 28V DC AIR VEHICLE FLIGHT AVIONICS BUS N°2		
DWG N° 572-05305	REVISION O	MODEL E-3F	CODE IDENT F3033	PAGE 11-24-58-02-01



P5 CIRCUIT BREAKER

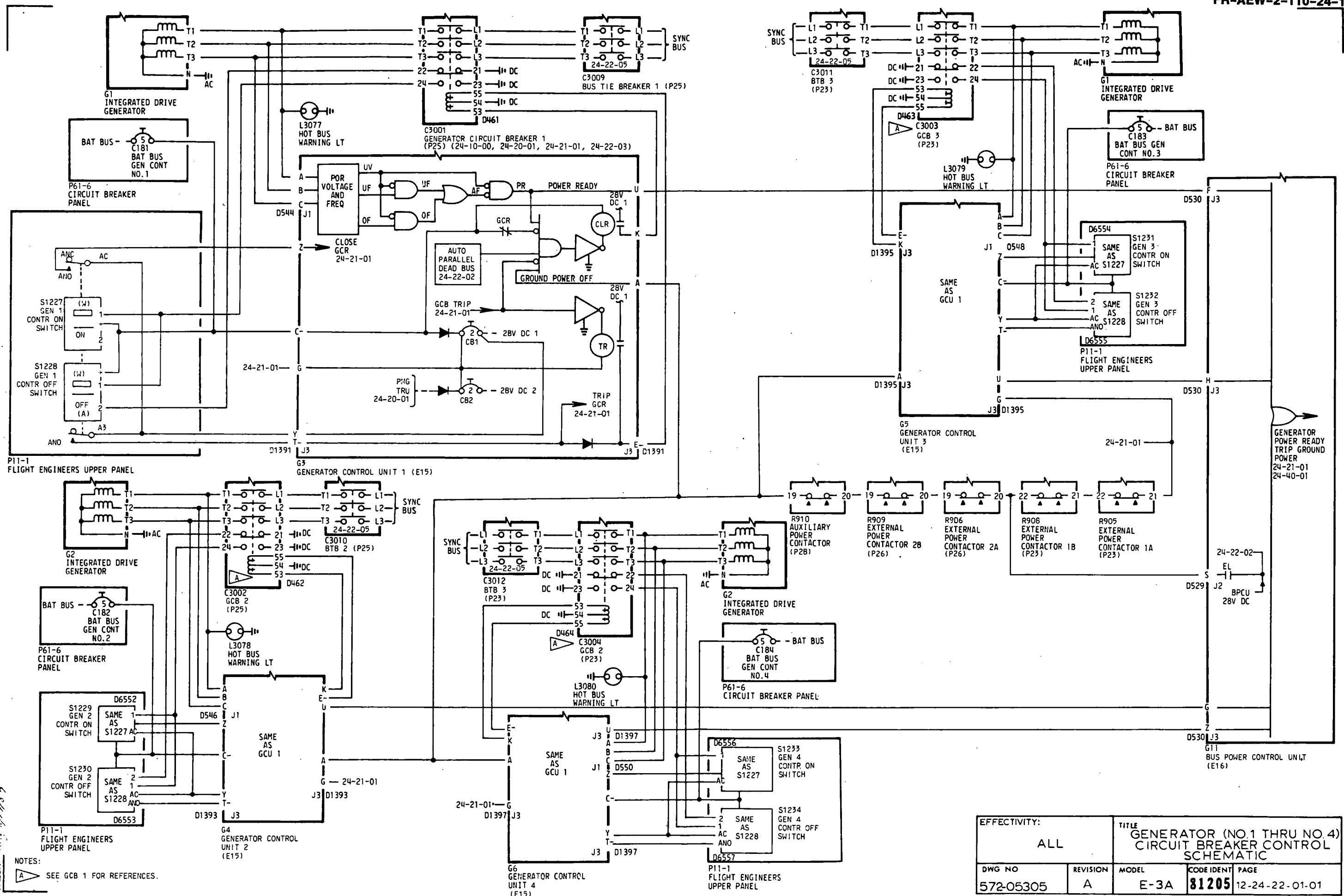
MODIFICATIONS ARE LOCATED
IN SHADeD AREAS

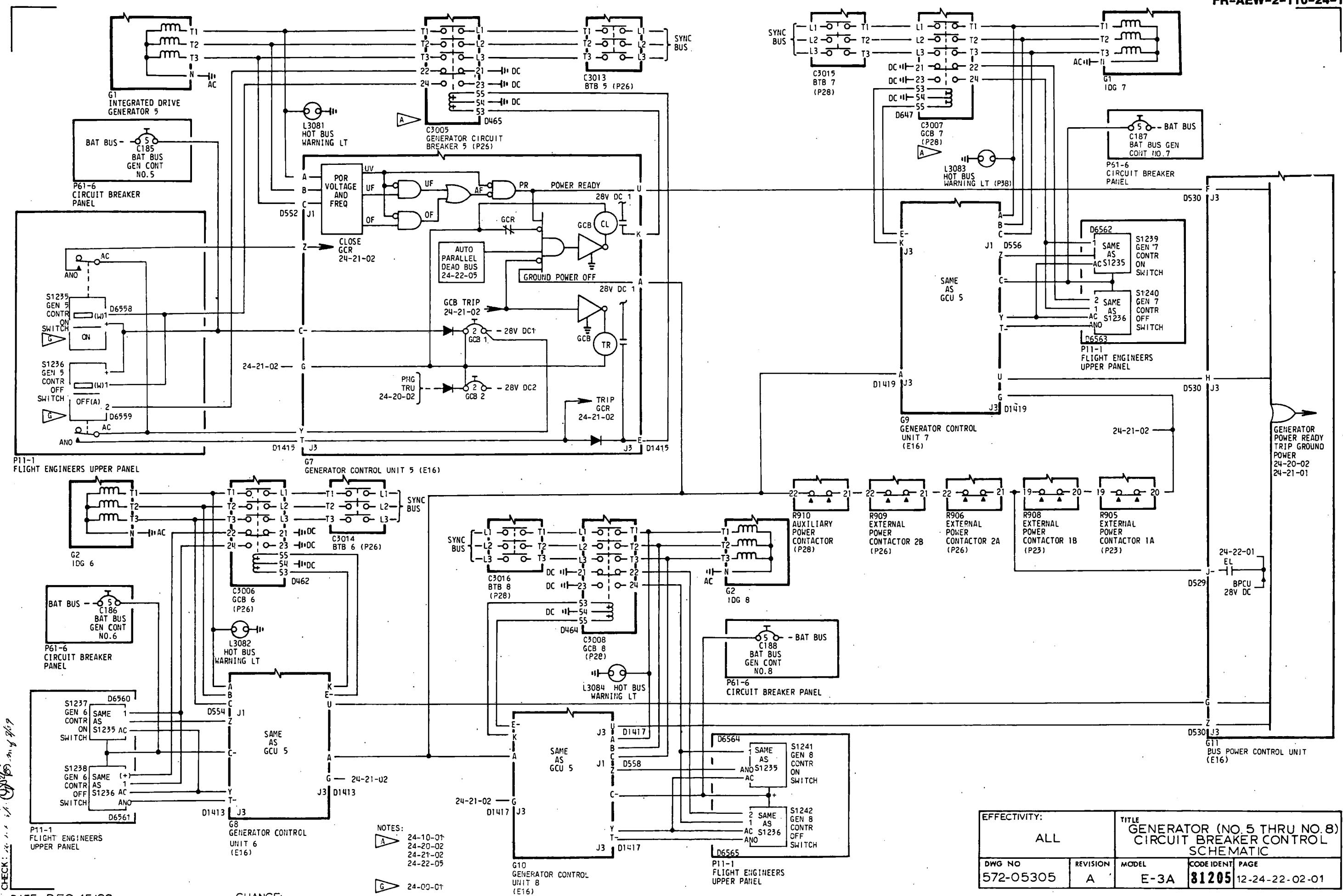
MODIFICATIONS ARE LOCATED		
	Hatched	
	Hatched	
	Hatched	

IN SHADeD AREAS

IN SHADeD AREAS

EFFECTIVITY: ALL		TITLE 115V AC AND 28V DC AIR VEHICLE FLIGHT AVIONICS BUS N° 2			
DWG NO 572-05305	REVISION W	MODEL E-3F	CODE IDENT F3033	PAGE	11-24-58-02-01

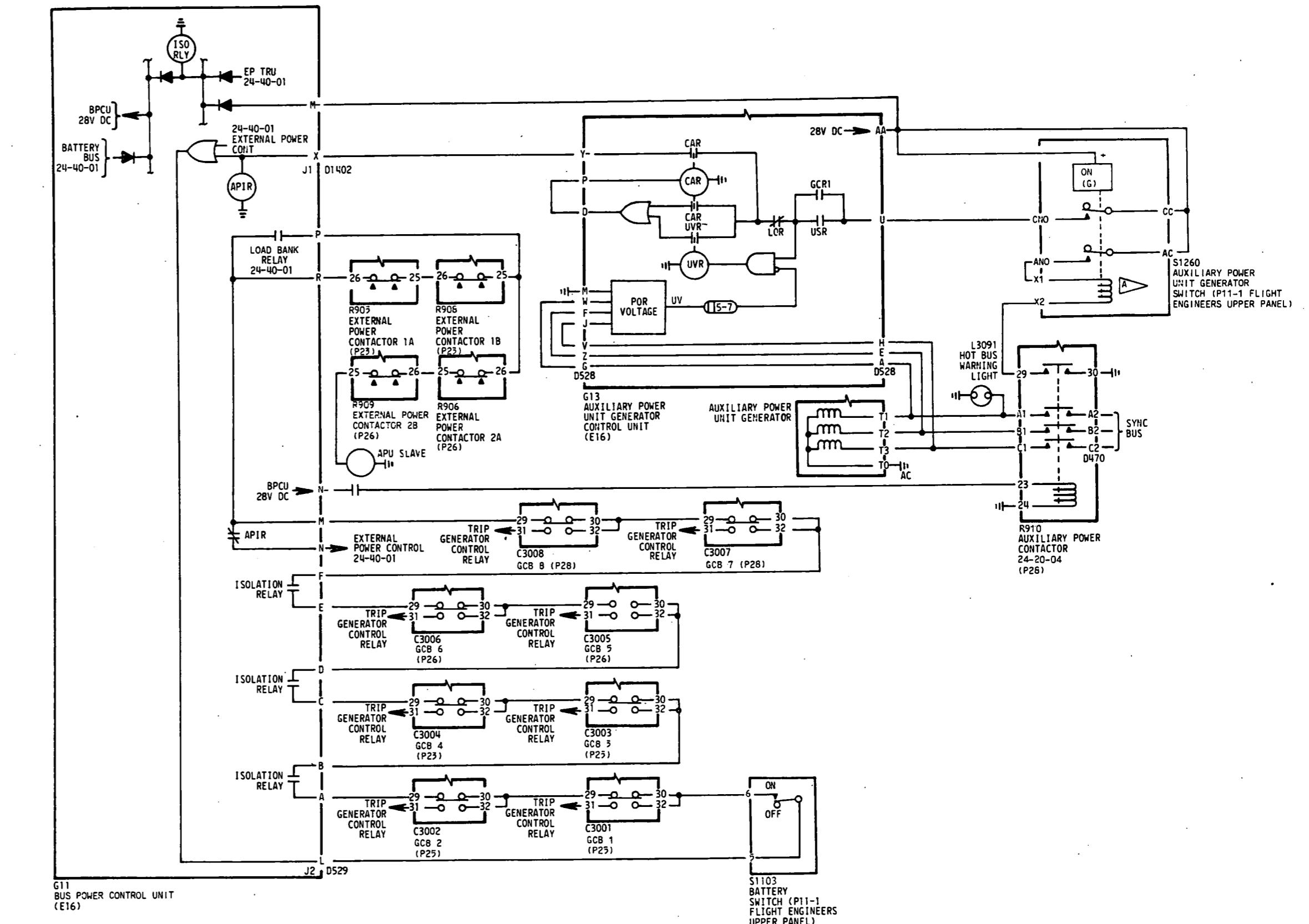


DRAFT D.T. 12/02, P.C. 12/02, P.C. 12/02
TYPE: 8.5 x 11
CHECK: 12/02, 12/02, 12/02

DATE: DEC 15/89

CHANGE:

NOTES:
A 24-10-01
24-20-02
24-21-02
24-22-05
G 24-00-01G10 GENERATOR CONTROL UNIT 8 (E16)
P11-1 FLIGHT ENGINEERS UPPER PANEL



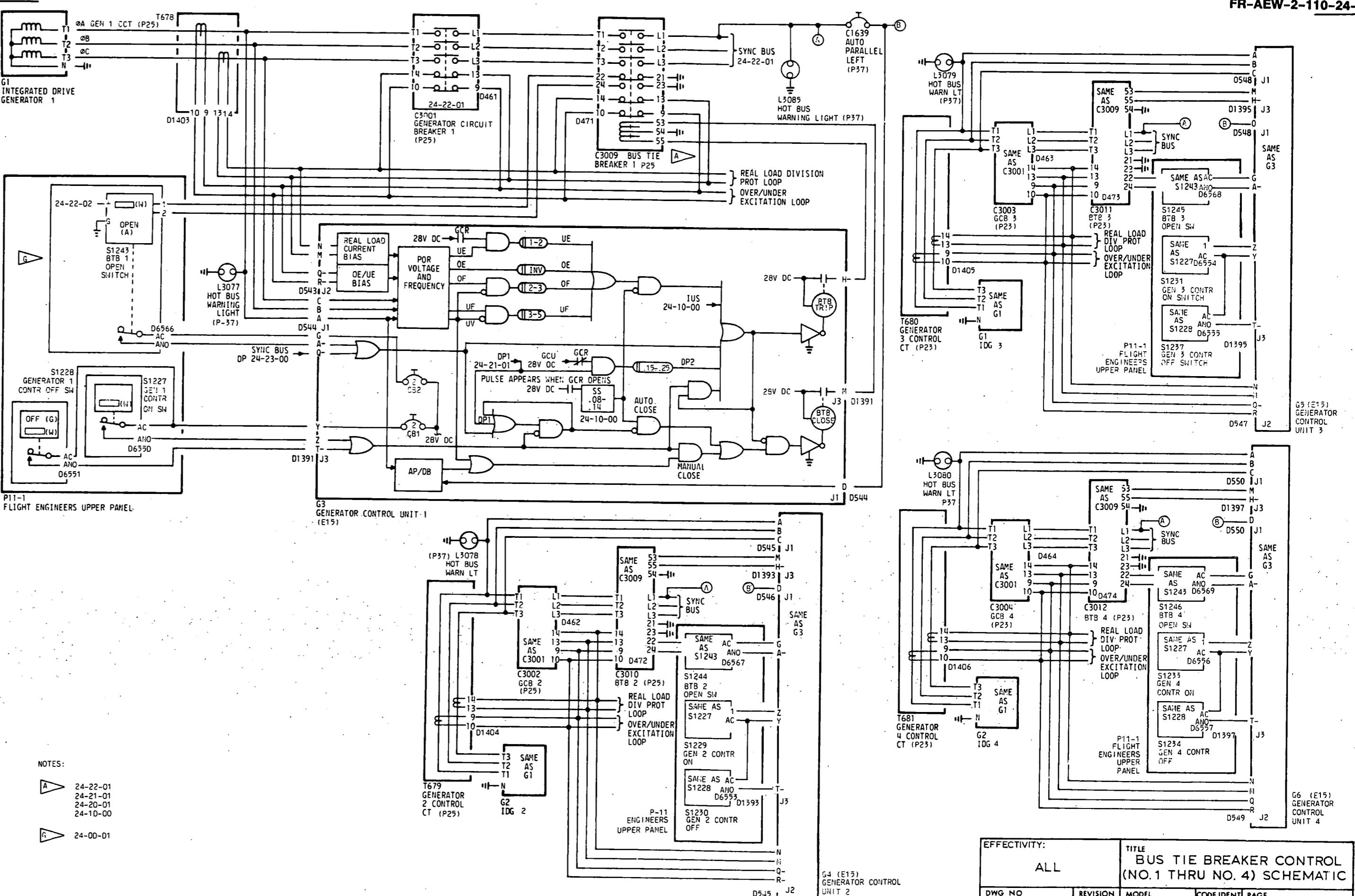
DRAFT ST 10/14/82, RELEASED 10/10/89
TYPE: 3 J-10/89
CHECK: 10/10/89 - 2/89 - 2/89 - 2/89

NOTES: ALL TIME DELAYS ARE IN SECONDS.
A MAGNETICALLY HELD UNTIL SWITCH PRESSED AGAIN OR UNTIL COIL CIRCUIT BROKEN.

DATE: DEC 15/89

CHANGE:

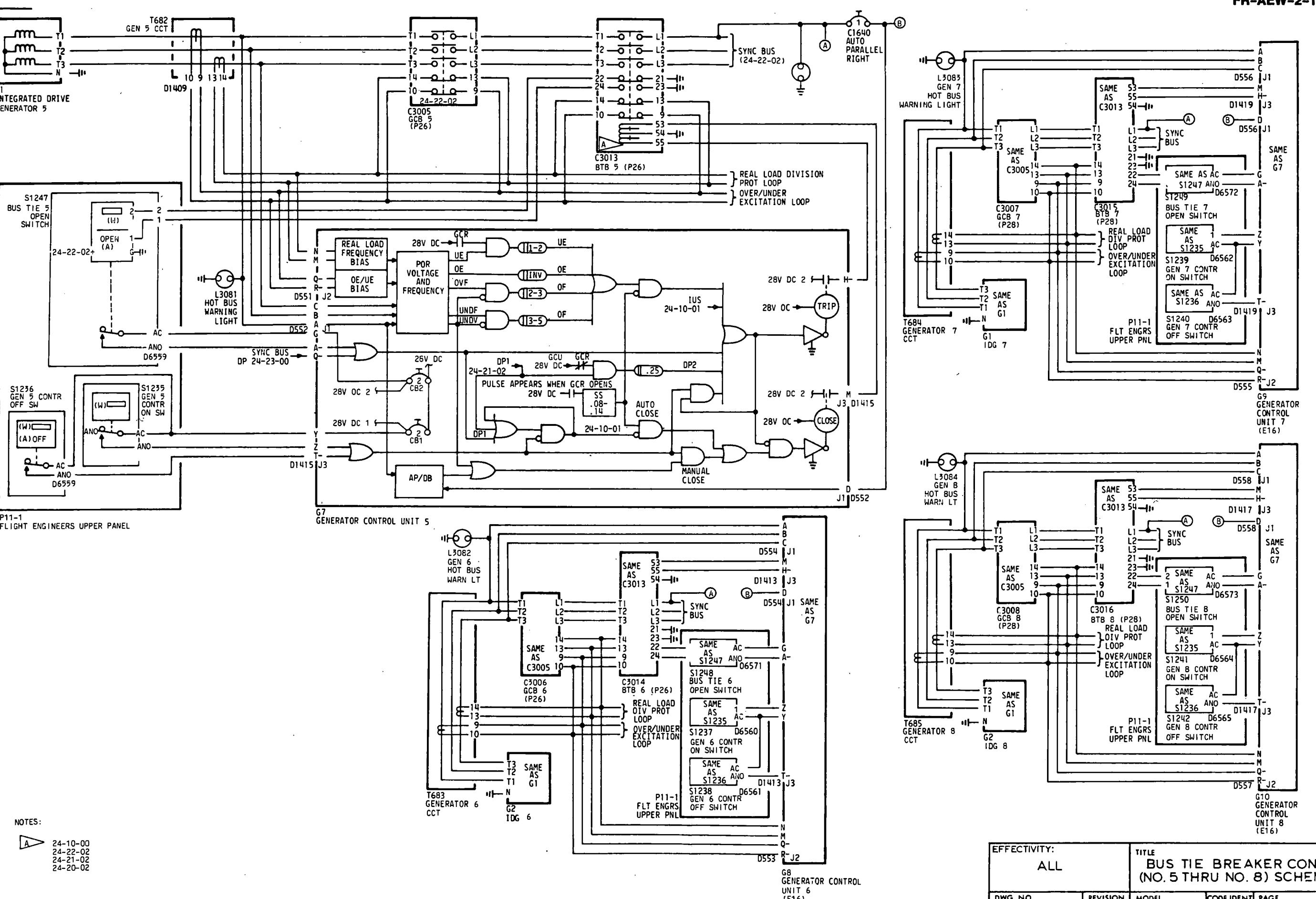
EFFECTIVITY		TITLE APU BREAKER CONTROL SCHEMATIC		
ALL		DWG NO	REVISION	MODEL
572-05305	A	E-3 A	81205	12-24-22-03-01



DRAFT D.T. 12/1/89
TYPE: 10/24/89
CHECK: 10/24/89
DATE: DEC 15/89

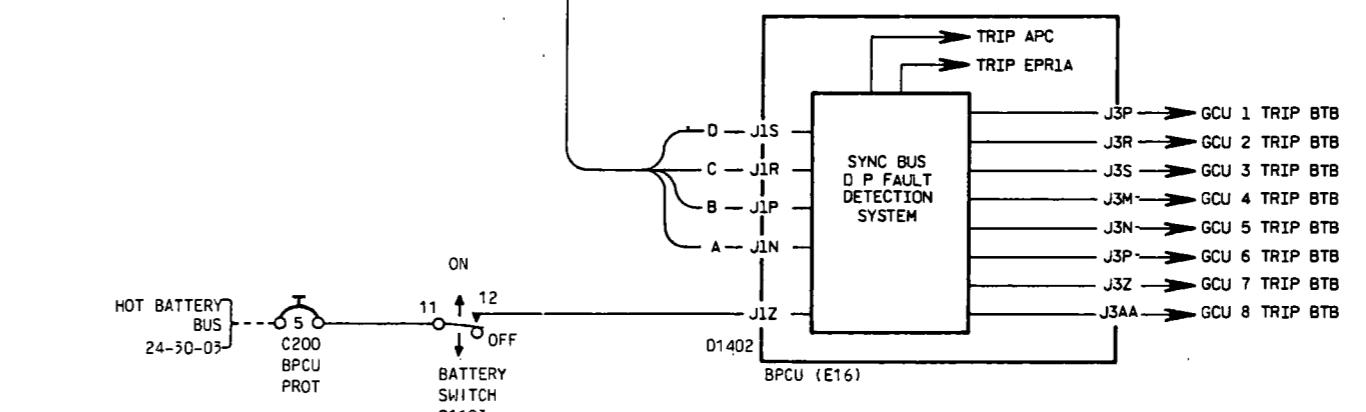
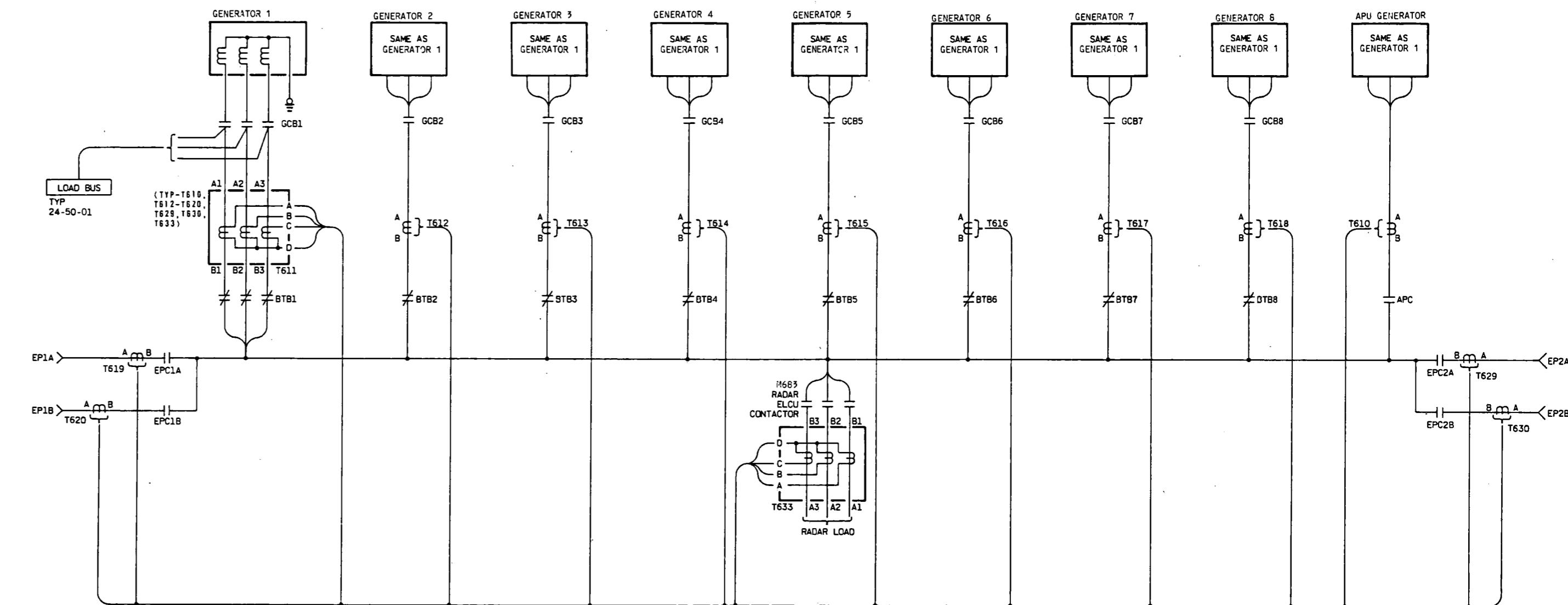
DATE: DEC 15/89

CHANGE:

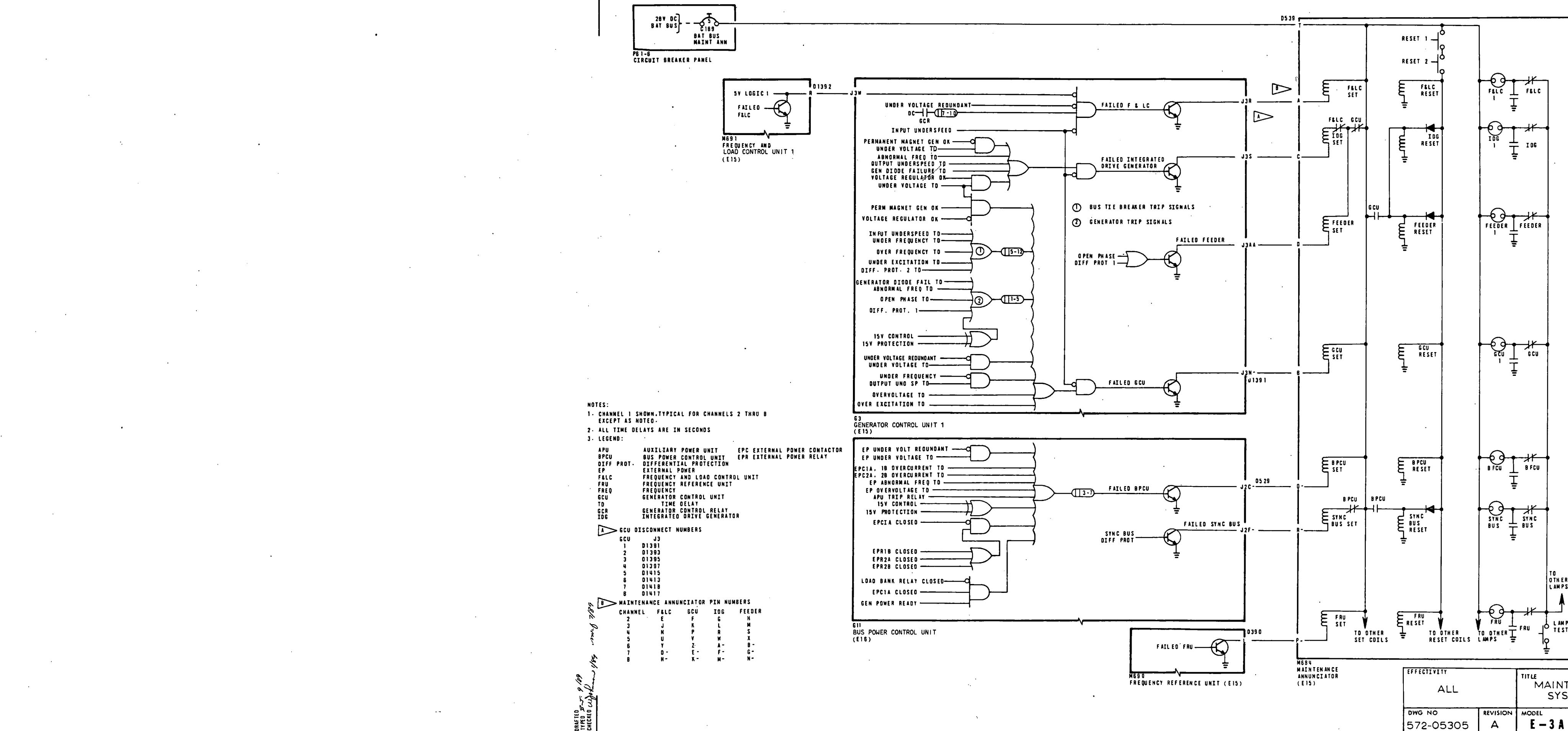


EFFECTIVITY:		TITLE	
ALL		BUS TIE BREAKER CONTROL (NO. 5 THRU NO. 8) SCHEMATIC	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3A	31205

12-24-22-05-01



EFFECTIVITY		TITLE SYNC BUS DIFFERENTIAL PROTECTION SYSTEM SIMPLIFIED SCHEMATIC	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205



DRAFTED BY: [Signature]

TYPED BY: [Signature]

CHECKED BY: [Signature]

REVIEWED BY: [Signature]

APPROVED BY: [Signature]

DATE: DEC 15/89

PAGE: 2/2

CHANGE: 1

DWG NO: 572-05305

REVISION: A

MODEL: E-3A

CODE IDENT: 81205

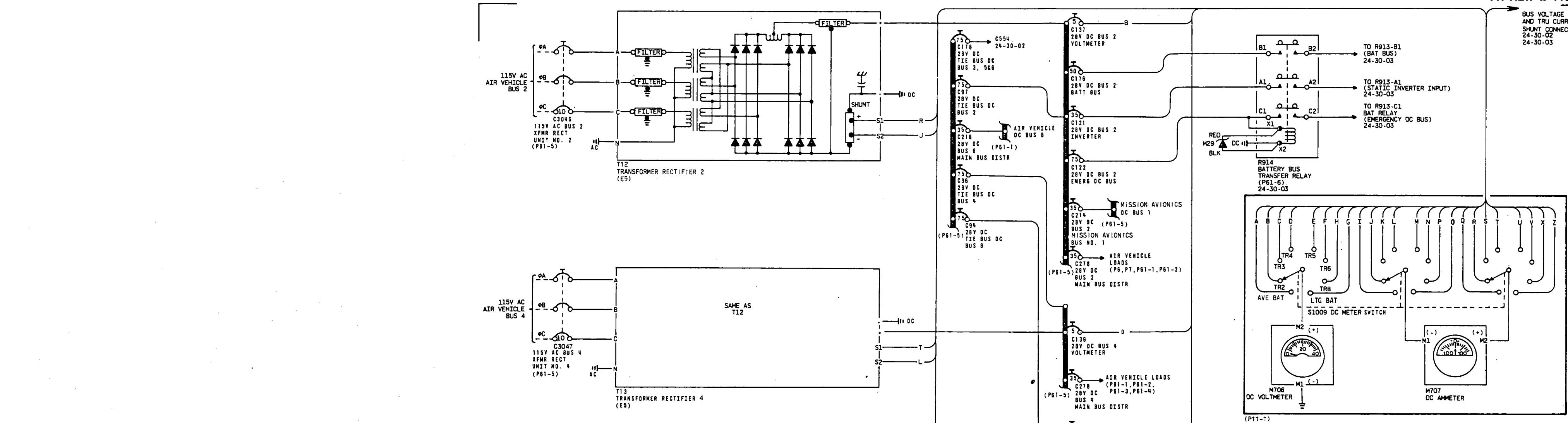
PAGE: 12-24-27-00-01

Z-20M2 ORIG. 2/73

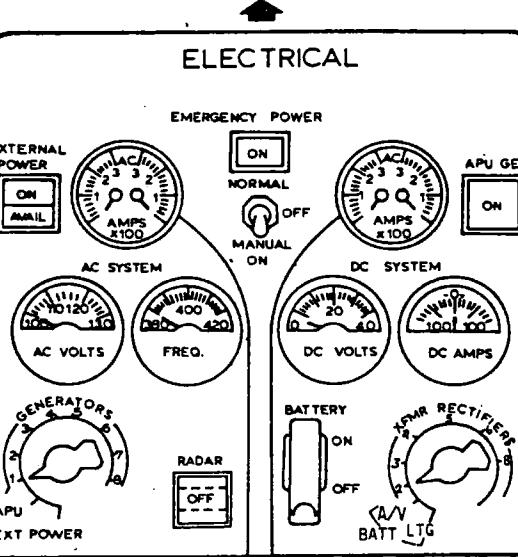
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TITLE: MAINTENANCE ANNUNCIATOR SYSTEM SCHEMATIC

BUS VOLTAGE
AND TRU CURRENT
SHUNT CONNECTIONS
24-30-02
24-30-03



ENGINEERS UPPER PANEL

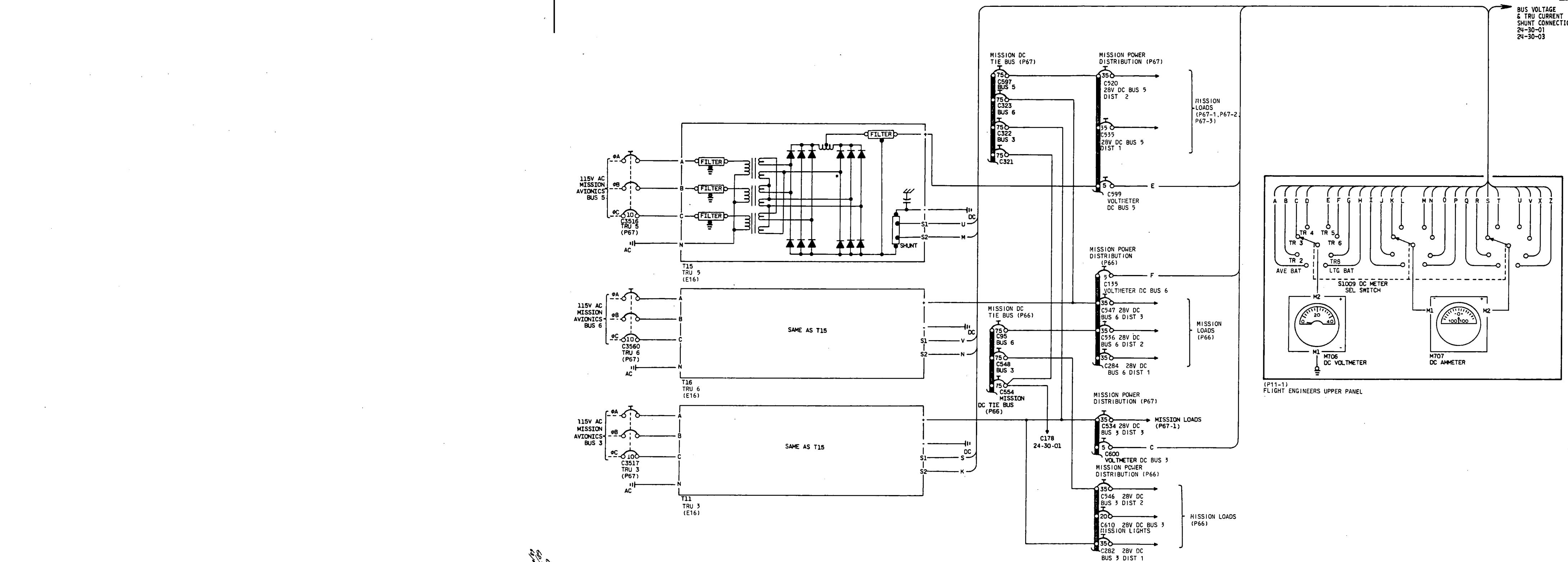


FACE OF P11 FLIGHT ENGINEERS PANEL

EFFECTIVITY ALL		TITLE TRANSFORMER RECTIFIER UNITS AND DISTRIBUTION SCHEMATIC			
DWG NO 572-05305	REVISION A	MODEL E - 3 A	CODE IDENT 81205	PAGE 12-24-30-01-01	

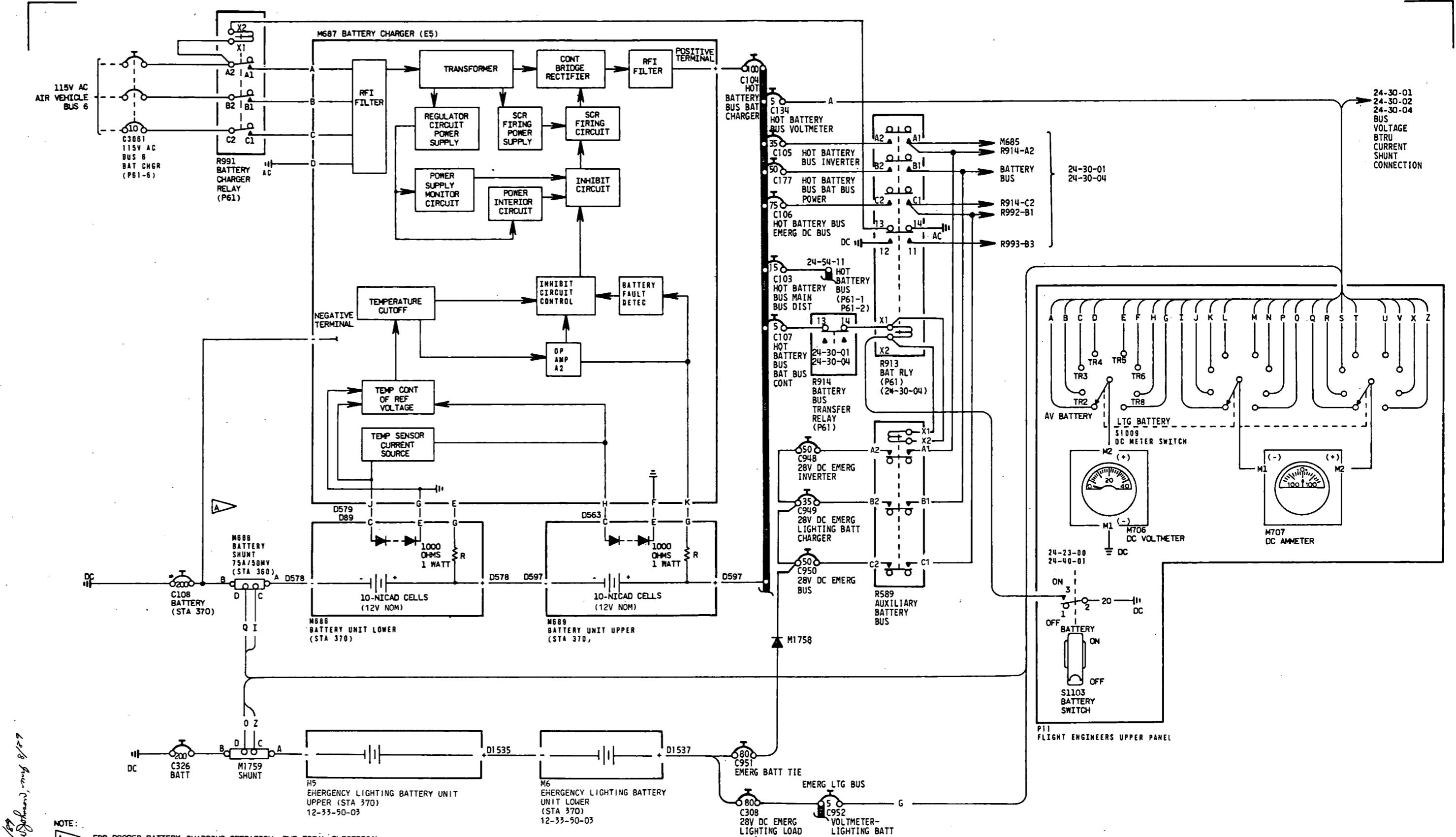
UFHAT 15/2/82, KOBAN 1000, 1000/37
TYPE: P.T. 14/1
CHECK # 1000: W. Johnson 1/83

BUS VOLTAGE
& TRU CURRENT
SHUNT CONNECTIONS
24-30-01
24-30-03

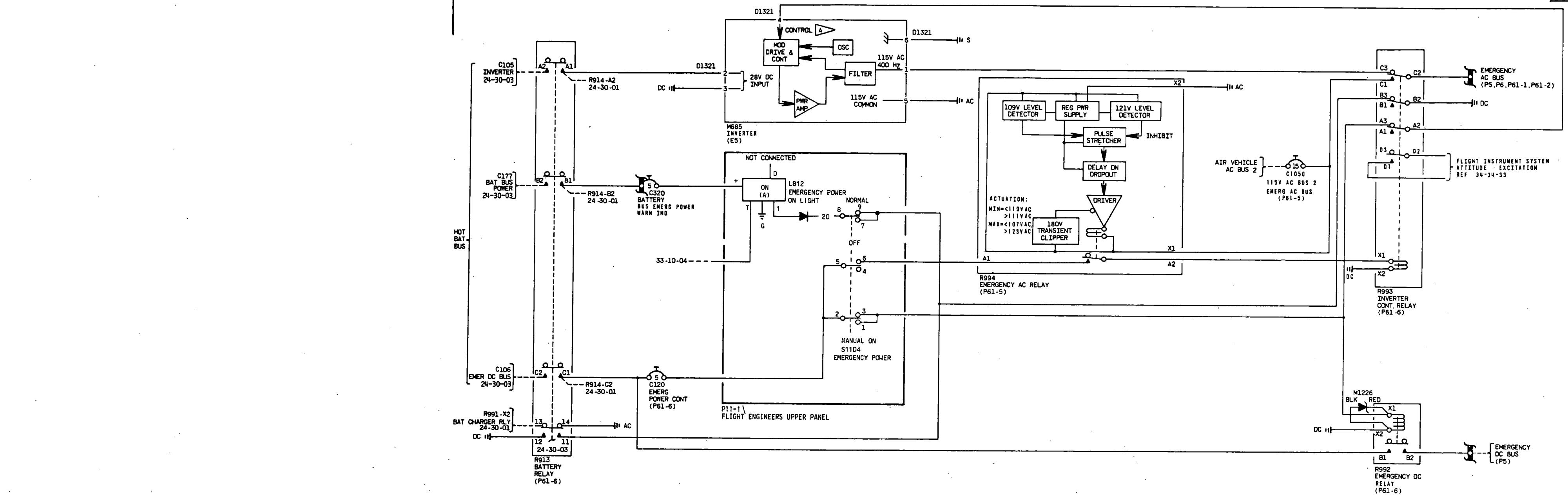


EFFECTIVITY		TITLE TRANSFORMER RECTIFIER UNITS AND DISTRIBUTION SCHEMATIC	
ALL			
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	A	E-3 A	81205

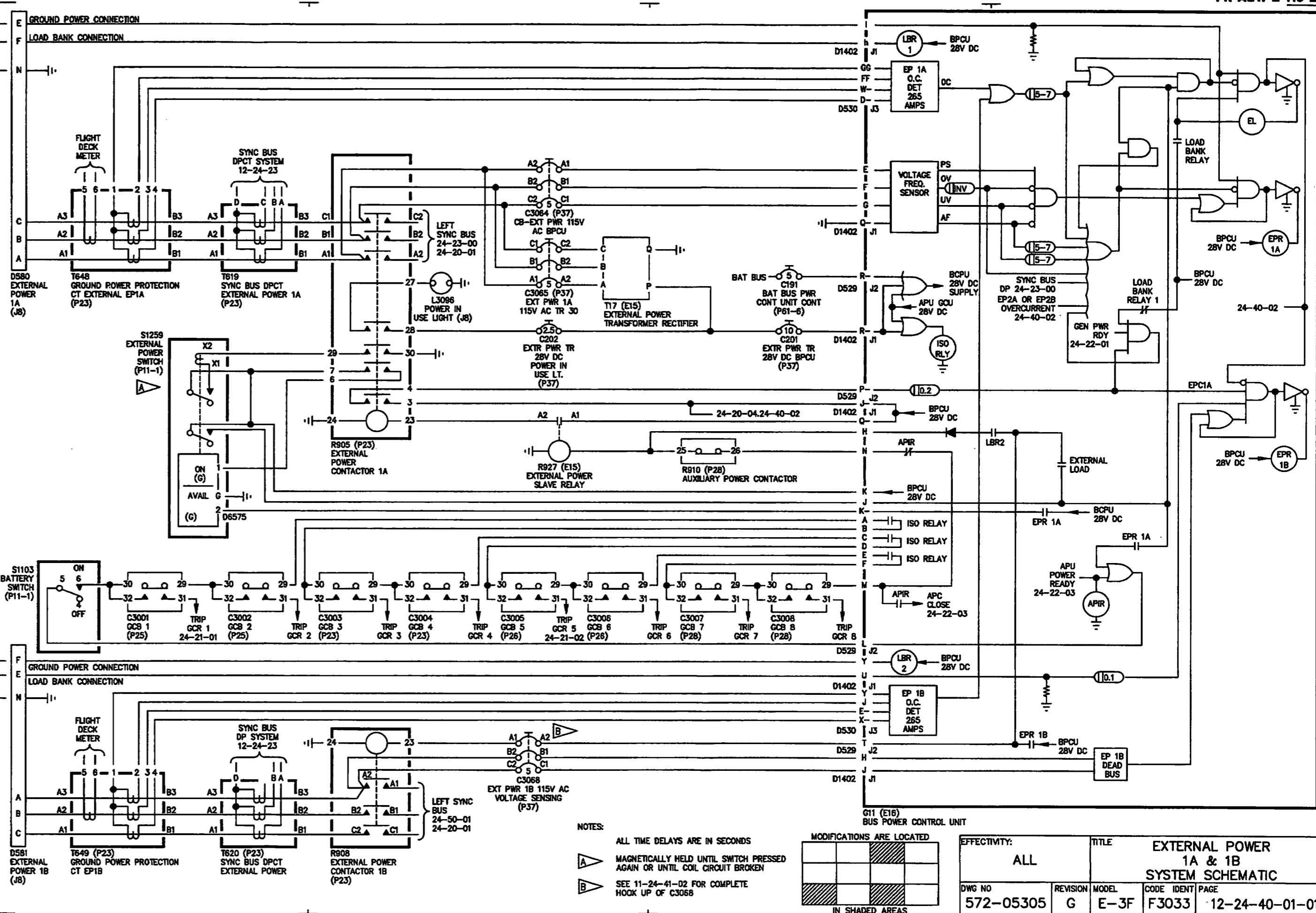
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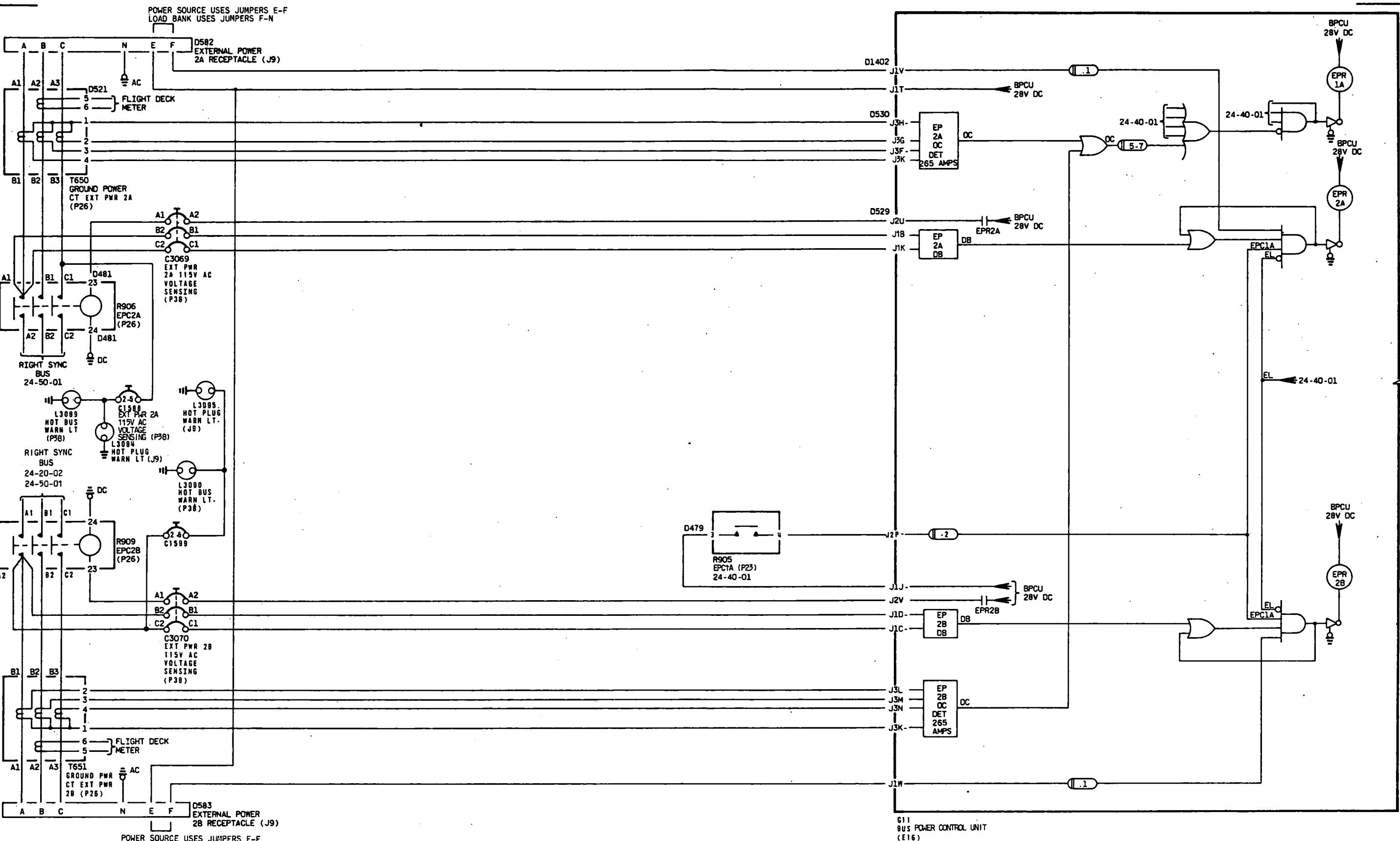
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ALL	BATTERY / CHARGER DISTRIBUTION SCHEMATIC
DWG NO	REVISION
572-05305	A
CODE IDENT	PAGE
E-3 A	81205
12-24-30-03-01	



EFFECTIVITY	TITLE		
ALL	INVERTER/EMERGENCY AC DISTRIBUTION SCHEMATIC		
DWG NO	REVISION	MODEL	CODE IDENT PAGE
572-05305	A	E-3 A	81205 12-24-30-04-01



EFFECTIVITY:		TITLE	
ALL		EXTERNAL POWER 1A & 1B SYSTEM SCHEMATIC	
DWG NO	REVISION	MODEL	CODE IDENT
572-05305	G	E-3F	F3033
			PAGE 12-24-40-01-01



DRAFT: 1/89
TYPE: 3/89
CHECK: 2/89
REV: 2/89
PAGE: 2/89

LEGEND:

- EPC EXTERNAL POWER CONTACTOR
- EP EXTERNAL POWER
- OC OVERCURRENT
- DB DEAD BUS
- EL EXTERNAL LOAD
- EPR EXTERNAL POWER RELAY

NOTES: ALL TIME DELAYS ARE IN SECONDS.

EFFECTIVITY		TITLE	
ALL		EXTERNAL POWER 2A & 2B SYSTEM SCHEMATIC	
DWG NO	REVISION	MODEL	CODE IDENT PAGE
572-05305	A	E-3A	81205 12-24-40-02-01