

CHAPTER

32

LANDING GEAR

CHAPTER 32
LANDING GEAR

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			2	Mar 09/2006				2	Jan 21/2005
		107.1	1	Mar 09/2006			107.1	1	Jan 21/2005
			2	Mar 09/2006				2	Jan 21/2005
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			2	Mar 09/2006			101	1	Sep 04/2008
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			2	Mar 09/2006				3	Jan 21/2005
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			2	Jan 21/2005	32-42-00				
		102	1	Jan 21/2005			101		Jan 21/2005
			2	Jan 21/2005	32-42-01				
		102.1	1	Jan 21/2005			101	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		103.1	1	Jan 21/2005				3	Jan 21/2005
			2	Jan 21/2005			102.1	1	Jan 21/2005
		104.1	1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
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			2	Jan 21/2005			103.1	1	Jan 21/2005
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		102		Jan 21/2005			103.2	1	Jan 21/2005
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			3	Jan 21/2005					
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<u>LANDING GEAR MULTIPLE USE SYSTEMS/COMPONENTS</u>						
PROXIMITY SWITCH ELECTRONICS UNIT (PSEU)	32-09-01	101.1		1	Jan 21/2005	050-051
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			103.2	1	Mar 09/2006	153-154
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			104.1	1	Mar 09/2006	155-156
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			106.1	1	Mar 09/2006	162-166
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			107.1	1	Mar 09/2006	275
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			104.1	1	Jan 21/2005	157 167
				2	Jan 21/2005	157 167
			105.1	1	Jan 21/2005	275-276
				2	Jan 21/2005	275-276
			106	1	Jan 21/2005	277-278
				2	Jan 21/2005	277-278
			107.1	1	Jan 21/2005	280
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<u>EXTENSION AND RETRACTION</u>						
LANDING GEAR EXTENSION AND RETRACTION	32-30-01		101	1	Sep 04/2008	ALL
				2	Jan 21/2005	ALL
				3	Jan 21/2005	ALL
				4	Jan 21/2005	ALL
<u>HYDRAULIC BRAKE SYSTEM</u>						
BRAKES	32-41-01		101	1	Jan 21/2005	ALL
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ANTISKID/AUTOBRAKE- SIMPLIFIED	32-42-00		101		Jan 21/2005	ALL	
ANTISKID- LEFT	32-42-01				Jan 21/2005	050-099	
				2	Jan 21/2005	050-099	
				3	Jan 21/2005	050-099	
				102.1	1	Jan 21/2005	150-152
				2	Jan 21/2005	150-152	
				3	Jan 21/2005	150-152	
				103	1	Jan 21/2005	153-199 277-299
				2	Jan 21/2005	153-199 277-299	
				3	Jan 21/2005	153-199 277-299	
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				3	Jan 21/2005	275-276	
ANTISKID- RIGHT	32-42-02		101	1	Jan 21/2005	ALL	
				2	Jan 21/2005	ALL	
AUTOBRAKE	32-42-03		101	1	Jan 21/2005	ALL	
				2	Jan 21/2005	ALL	
ANTISKID/AUTOBRAKE- BITE	32-42-04		101	1	Jan 21/2005	ALL	
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<u>TIRES AND WHEELS</u>							
TIRE PRESSURE INDICATION SYSTEM	32-45-01		101		Jan 21/2005	050-099 155-199	
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<u>BRAKE TEMPERATURE MONITORING SYSTEM</u>						
BRAKE TEMPERATURE MONITOR	32-46-01		101		Jan 21/2005	150-199 275-299
<u>NOSE WHEEL STEERING SYSTEM</u>						
NOSEWHEEL STEERING	32-51-01		101	1	Jan 21/2005	050-099 150-199
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			102	1	Jan 21/2005	275-299
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<u>LANDING GEAR POSITION INDICATING AND WARNING SYSTEM</u>						
LANDING GEAR POSITION INDICATION	32-61-01		101.1A	1	Jan 21/2005	050-051 155-156 162-166
				2	Jan 21/2005	050-051 155-156 162-166
				3	Jan 21/2005	050-051 155-156 162-166
				4	Jan 21/2005	050-051 155-156 162-166
			102.1A	1	Jan 21/2005	150-152 275-276
				2	Jan 21/2005	150-152 275-276
				3	Jan 21/2005	150-152 275-276
				4	Jan 21/2005	150-152 275-276
			103.1	1	Jan 21/2005	153-154
				2	Jan 21/2005	153-154
				3	Jan 21/2005	153-154
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				4	Jan 21/2005	153-154
			104	1	Jan 21/2005	157 167-199
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			105	1	Jan 21/2005	277-299
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<u>TAIL SKID SYSTEM</u>						
TAIL SKID CONTROL AND INDICATION	32-71-01		101		Jan 21/2005	150-199 275-299

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32-42-01	ANTISKID- LEFT
32-42-02	ANTISKID- RIGHT
32-42-04	ANTISKID/AUTOBRAKE- BITE
32-42-00	ANTISKID/AUTOBRAKE- SIMPLIFIED
32-42-03	AUTOBRAKE
32-46-01	BRAKE TEMPERATURE MONITOR
32-41-01	BRAKES
32-30-01	LANDING GEAR EXTENSION AND RETRACTION
32-61-01	LANDING GEAR POSITION INDICATION
32-51-01	NOSEWHEEL STEERING
32-09-01	PROXIMITY SWITCH ELECTRONICS UNIT (PSEU)
32-71-01	TAIL SKID CONTROL AND INDICATION
32-45-01	TIRE PRESSURE INDICATION SYSTEM

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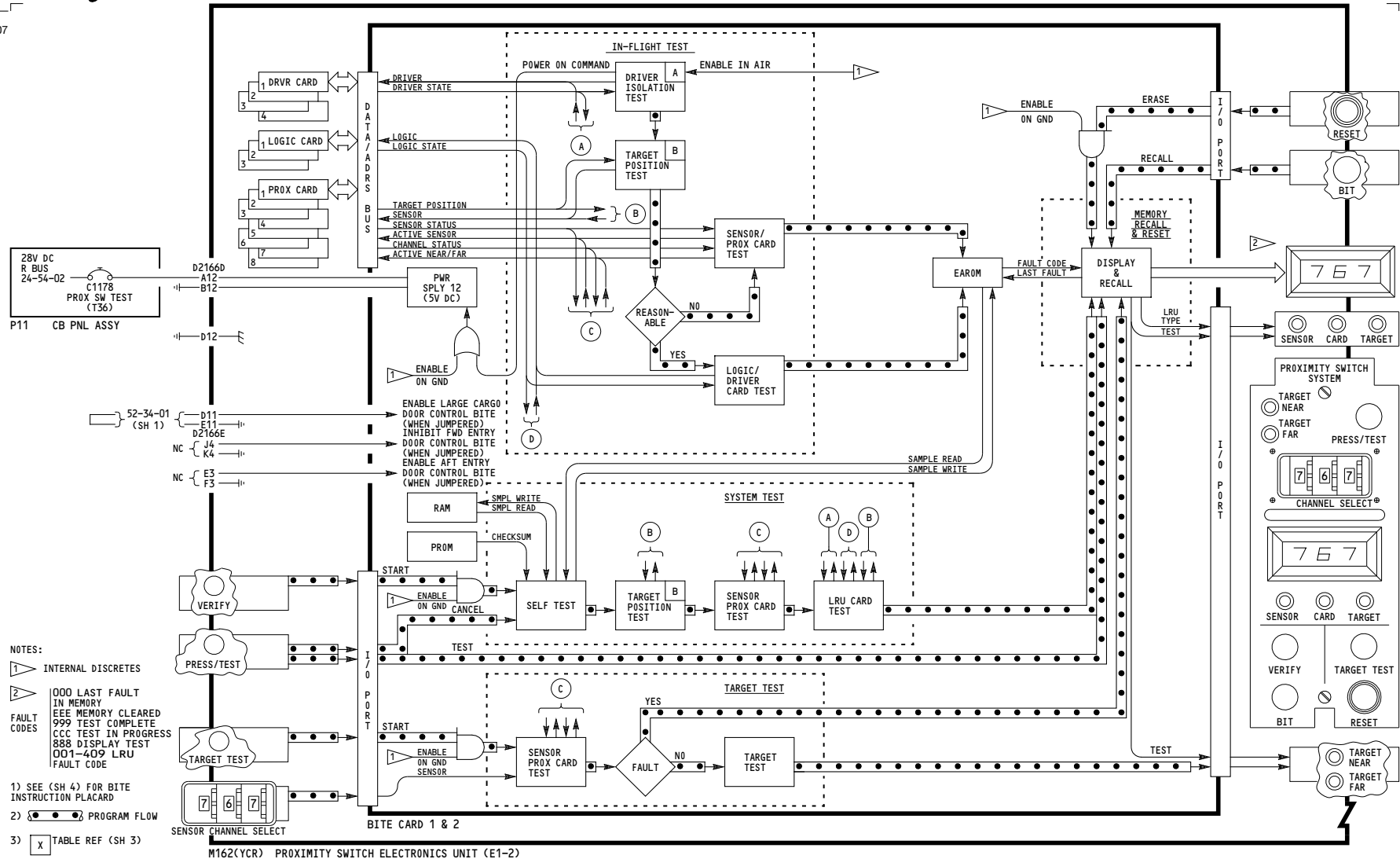
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M162(YCR) PROXIMITY SWITCH ELECTRONICS UNIT (E1-2)

BITE

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**PROXIMITY SWITCH
ELECTRONICS UNIT (PSEU)**

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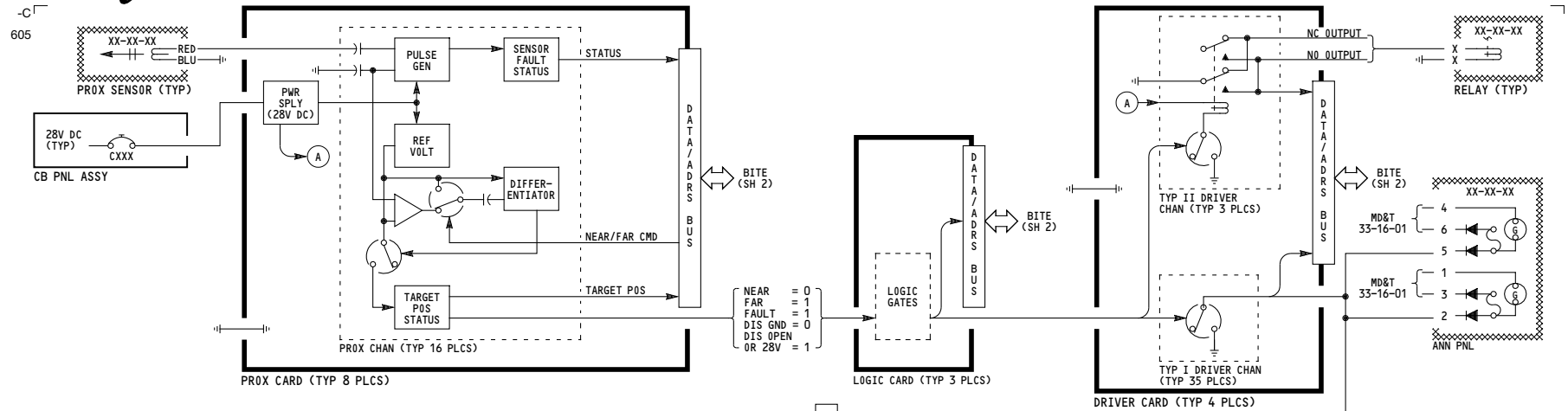


TABLE A IN-FLIGHT TEST INITIATION

FUNCTION	CONDITIONS	DLY (SEC)
THRUST REVERSER IN TRANSIT	NONE	5.0
THRUST REVERSER AUTO RESTOW	NONE	0.2
ANY DOOR OR HATCH UNSAFE	NONE	0.2
SLATS ASYMMETRY	ALT SLAT SYS NOT ARMED	4.0
	ALT SLAT SYS ARMED	10.0
ANY GEAR OR DOOR NOT IN SEL POS	NONE	25.0
EITHER GEAR NOT TILTED	NONE	5.0
TAIL SKID IN DISAGREEMENT	NONE	0.2
NOSE GEAR COMPRESSED	NONE	5.0

TYPICAL CHANNEL

NOTES:

1 FUNCTION ONLY AVAILABLE ON PSEUS P/N -21 AND ON

TABLE B TARGET POSITIONS

SYSTEM/MODE	SENSORS WITH TARGET		BITE	
	NEAR	FAR	IN-FLT	ON GND
THRUST REVERSER/STOWED	S1604, S165, S170, S171	S166, S1605, S172, S173	✓	✓
THRUST REVERSER/AUTO RESTOW	S1607, S1610 S180, S181		✓	
DOORS/CLOSED	S194, S195 S200, S201, S211 S214, S215 S890 THRU S894 S900, S901	NONE	✓	
LANDING GEAR/EXTENDED	S232, S233 S236 THRU S238 S240 THRU S242 S254, S255 S258 THRU S260 S262 THRU S264	NONE	✓	✓
LANDING GEAR/RETRACTED	S233 THRU S235 S238, S242 S255 THRU S257 S260, S264	S232, S236, S237, S240, S241, S254, S258, S259, S262, S263	✓	
LEADING EDGE SLATS/RETRACTED	S276 THRU S287 S294 THRU S305	NONE	✓	✓
LEADING EDGE SLATS/PARTIAL EXTEND	S282 THRU S287 S300 THRU S305	S276 THRU S281 S294 THRU S299	✓	✓
LEADING EDGE SLATS/FULL EXTEND	S276 THRU S281 S294 THRU S299	S282 THRU S287 S300 THRU S305	✓	✓
TILT SENSORS/AIR	S245, S246, S267, S268	NONE	✓	
TILT SENSORS/GND	NONE	S245, S246, S267, S268		✓

SYSTEM/MODE	SENSORS WITH TARGET		BITE	
	NEAR	FAR	IN-FLT	ON GND
NOSE GEAR COMPRESSED	S244, S266	NONE	✓	
GEAR TILT	S245, S246 S267, S268	NONE	✓	
GEAR TILT	NONE	S245, S246 S267, S268		✓
TAIL SKID/RETRACTED	S233, S236, S235 S238, S242, S248	S232, S236, S237 S240, S241, S247	✓	
TAIL SKID/EXTENDED	S232, S233, S236 S237, S240, S241 S247	S248	✓	✓

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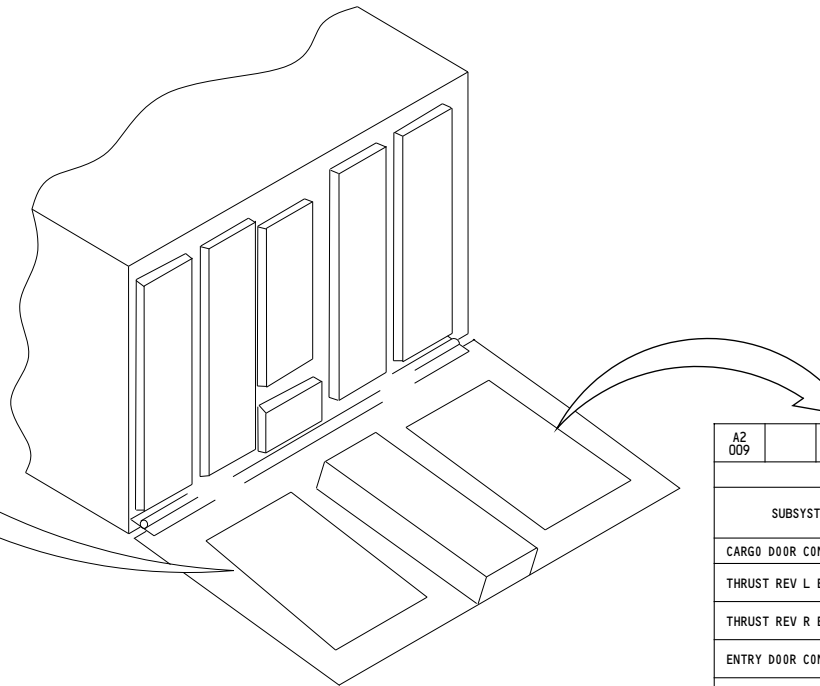
PROXIMITY SWITCH ELECTRONICS UNIT (PSEU)

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607	A4 001	A4 002	A4 003	A4 004	A3 005		A5 006		A5 007
	CARD TYPE AND SLOT (001-007)								
	SUBSYSTEM				CARD SLOT				
					PROXIMITY			LOGIC	DRIVER
	CARGO DOOR CONT				1 (S150-S154, S157-S161)			11	7
	THRUST REV L ENG				13 (S176-S177) 16 (S164-S168)			11	10
	THRUST REV R ENG				2 (S180-S181) 3 (S170-S173)			5	6
	ENTRY DOOR CONT				16 (S184-S187, S189-S191, S220)			11	10, 12
	DOOR SYSTEM				3 (S174, S188, S192-S197, S212-S215, S219) 4 (S198-S211, S216-S218)			5	6, 7, 12
	LDG GEAR SYS 1				15 (S232-S238, S240-S242, S244-S247)			11	10, 12
LDG GEAR SYS 2				2 (S254-S260, S262-S264, S266-S268)			5	6, 7	
L E SLATS				13 (S276-S287, S294-S295) 14 (S296-S305)			9	7, 10	
CARD TYPE CODES									
A1	LOGIC 1				A4	PROXIMITY			
A2	LOGIC 2				A5	DRIVER			
A3	LOGIC 3				A6	AUXILIARY DRIVER			



A2 009	A5 010		A1 011	A6 012	A4 013	A4 014	A4 015	A4 016
CARD TYPE AND SLOT (009-016)								
SUBSYSTEM			CARD SLOT					
			PROXIMITY			LOGIC	DRIVER	
CARGO DOOR CONT			1 (S150-S154, S157-S161)			11	7	
THRUST REV L ENG			13 (S176-S177) 16 (S164-S168)			11	10	
THRUST REV R ENG			2 (S180-S181) 3 (S170-S173)			5	6	
ENTRY DOOR CONT			16 (S184-S187, S189-S191, S220)			11	10, 12	
DOOR SYSTEM			3 (S174, S188, S192-S197, S212-S215, S219) 4 (S198-S211, S216-S218)			5	6, 7, 12	
LDG GEAR SYS 1			15 (S232-S238, S240-S242, S244-S247)			11	10, 12	
LDG GEAR SYS 2			2 (S254-S260, S262-S264, S266-S268)			5	6, 7	
L E SLATS			13 (S276-S287, S294-S295) 14 (S296-S305)			9	7, 10	
CARD TYPE CODES								
A1	LOGIC 1			A4	PROXIMITY			
A2	LOGIC 2			A5	DRIVER			
A3	LOGIC 3			A6	AUXILIARY DRIVER			

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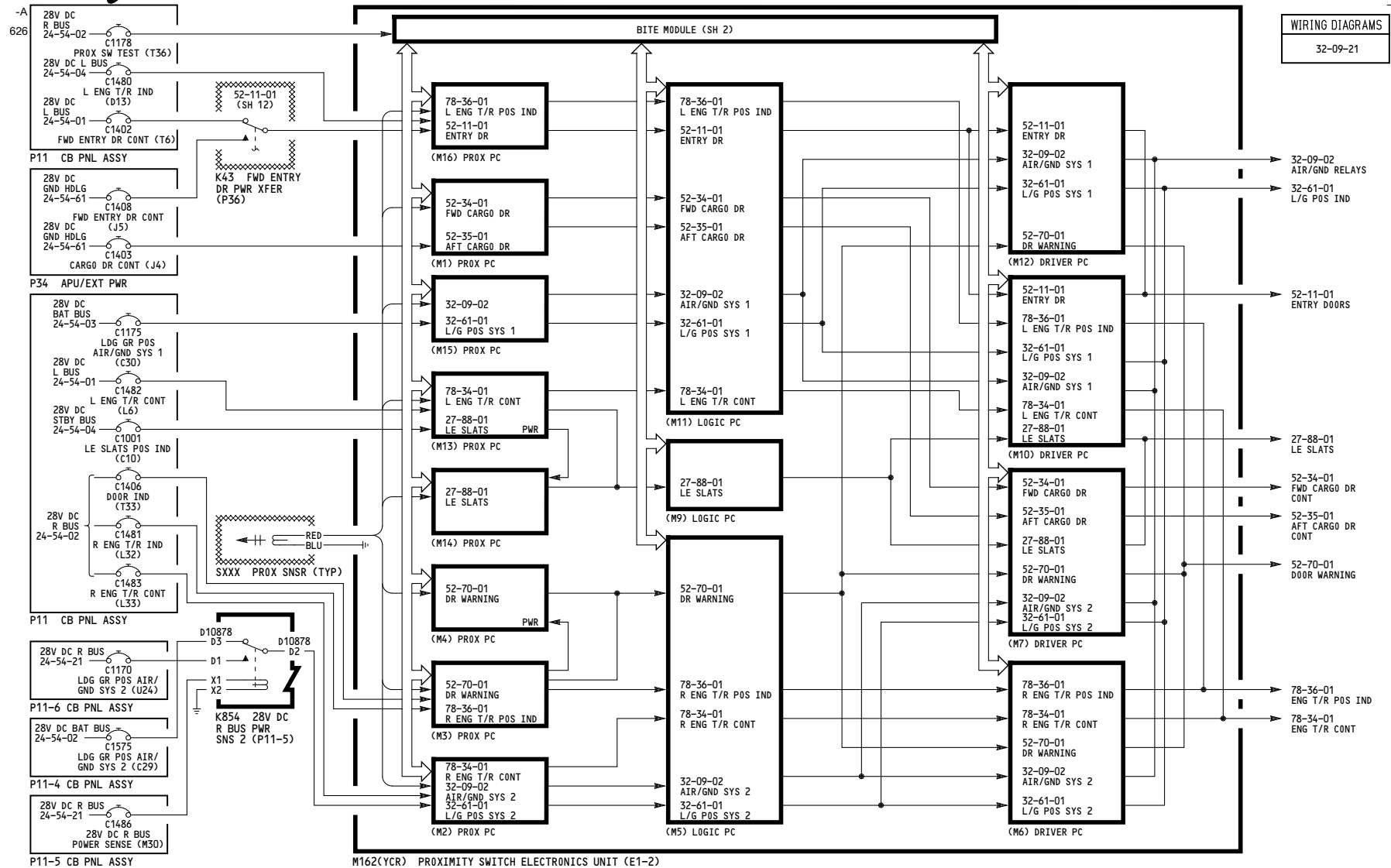
**PROXIMITY SWITCH
ELECTRONICS UNIT (PSEU)**

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PROXIMITY SWITCH ELECTRONICS UNIT (PSEU)

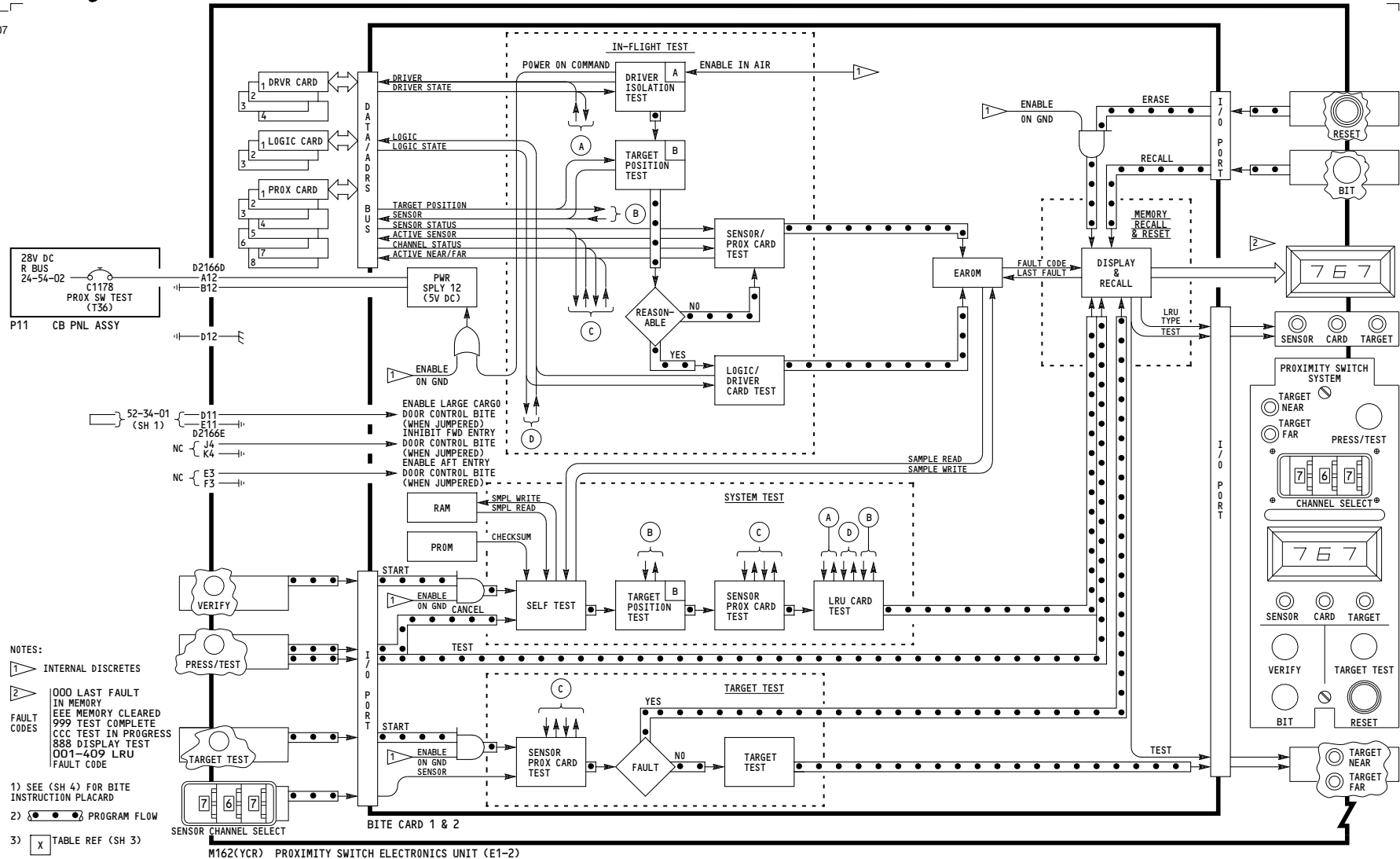
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PROXIMITY SWITCH ELECTRONICS UNIT (PSEU)

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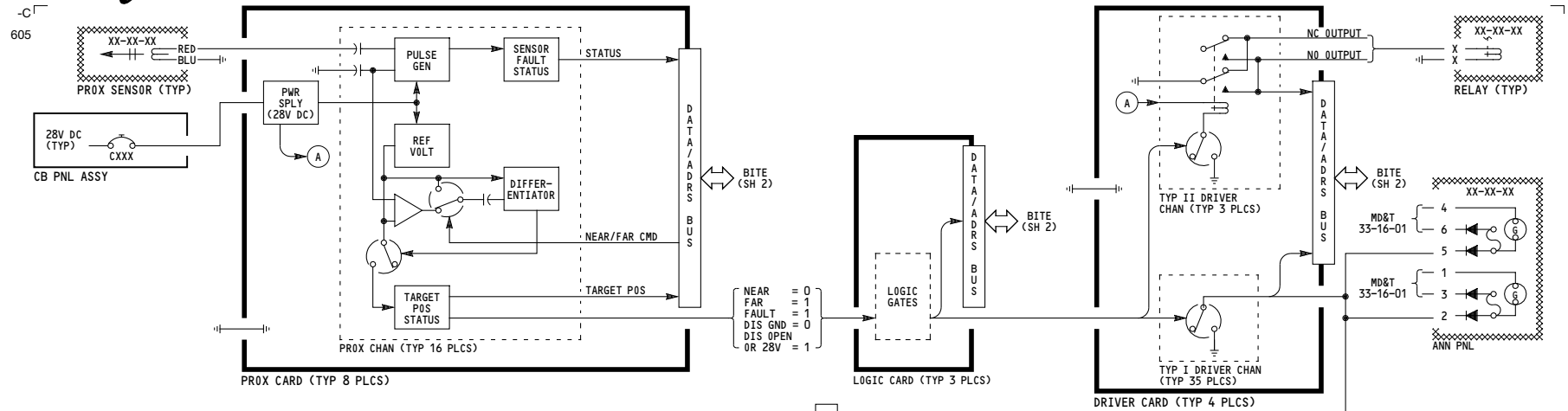


TABLE A IN-FLIGHT TEST INITIATION

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THRUST REVERSER AUTO RESTOW	NONE	0.2
ANY DOOR OR HATCH UNSAFE	NONE	0.2
SLATS ASYMMETRY	ALT SLAT SYS NOT ARMED	4.0
	ALT SLAT SYS ARMED	10.0
ANY GEAR OR DOOR NOT IN SEL POS	NONE	25.0
EITHER GEAR NOT TILTED	NONE	5.0
TAIL SKID IN DISAGREEMENT	NONE	0.2
NOSE GEAR COMPRESSED	NONE	5.0

TYPICAL CHANNEL

NOTES:

1 FUNCTION ONLY AVAILABLE ON PSEUS P/N -21 AND ON

TABLE B TARGET POSITIONS

SYSTEM/MODE	SENSORS WITH TARGET		BITE	
	NEAR	FAR	IN-FLT	ON GND
THRUST REVERSER/STOWED	S1604, S165, S170, S171	S166, S1605, S172, S173	✓	✓
THRUST REVERSER/AUTO RESTOW	S1607, S1610 S180, S181		✓	
DOORS/CLOSED	S194, S195 S200, S201, S211 S214, S215 S890 THRU S894 S900, S901	NONE	✓	
LANDING GEAR/EXTENDED	S232, S233 S236 THRU S238 S240 THRU S242 S254, S255 S258 THRU S260 S262 THRU S264	NONE	✓	✓
LANDING GEAR/RETRACTED	S233 THRU S235 S238, S242 S255 THRU S257 S260, S264	S232, S236, S237, S240, S241, S254, S258, S259, S262, S263	✓	
LEADING EDGE SLATS/RETRACTED	S276 THRU S287 S294 THRU S305	NONE	✓	✓
LEADING EDGE SLATS/PARTIAL EXTEND	S282 THRU S287 S300 THRU S305	S276 THRU S281 S294 THRU S299	✓	✓
LEADING EDGE SLATS/FULL EXTEND	S276 THRU S281 S294 THRU S299	S282 THRU S287 S300 THRU S305	✓	✓
TILT SENSORS/AIR	S245, S246, S267, S268	NONE	✓	
TILT SENSORS/GND	NONE	S245, S246, S267, S268		✓

SYSTEM/MODE	SENSORS WITH TARGET		BITE	
	NEAR	FAR	IN-FLT	ON GND
NOSE GEAR COMPRESSED	S244, S266	NONE	✓	
GEAR TILT	S245, S246 S267, S268	NONE	✓	
GEAR TILT	NONE	S245, S246 S267, S268		✓
TAIL SKID/RETRACTED	S233, S236, S235 S238, S242, S248	S232, S236, S237 S240, S241, S247	✓	
TAIL SKID/EXTENDED	S232, S233, S236 S237, S240, S241 S247	S248	✓	✓

150-156, 162-166, 275-276

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-B BITE INSTRUCTIONS (AIRCRAFT MUST BE ON GROUND)

607 NOTE: IF NO BITE RESPONSE, PRESS PRESS/TEST & TARGET TEST SWITCHES SIMULTANEOUSLY TO RESET

A. MEMORY RECALL AND RESET

PRESS BIT SWITCH TO DISPLAY FAILED LRU
PRESS BIT SWITCH AGAIN FOR NEXT LRU
PRESS RESET SWITCH TO CLEAR MEMORY

NOTE: LRUS ARE DISPLAYED ON A LAST IN-FIRST OUT BASIS

B. SYSTEM TEST

SELECT TEST CODE WITH CHANNEL SELECT:

CODE 500	CARGO DOOR CONTROL	CODE 504	LG SYSTEM 1
CODE 501	ALL T/R SYSTEMS	CODE 505	LG SYSTEM 2
CODE 502	ENTRY DOOR CONTROL	CODE 506	LE SLATS
CODE 503	DOOR SYSTEM	CODE 507	ALL SYSTEMS

ALL OTHER CODES = ALL SYSTEMS PLUS MEMORY TEST

PRESS VERIFY SWITCH. FAILED LRU IS DISPLAYED AT END OF TEST
PRESS VERIFY SWITCH AGAIN FOR NEXT LRU

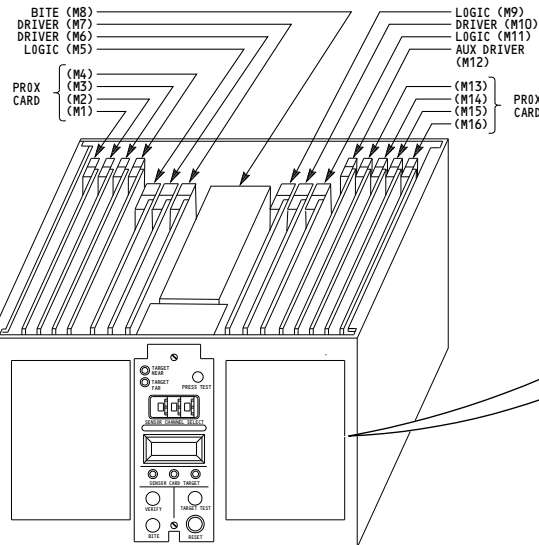
C. TARGET TEST (DISPLAY DELAYED APPROX. 5 SECONDS)

SELECT SENSOR CHANNEL WITH CHANNEL SELECT SWITCH
PRESS TARGET TEST SWITCH TO DISPLAY POSITION OF TARGET

DISPLAY

CODE 000	MEMORY RECALL (BIT) COMPLETE
CODE 001-016	FAILED CARD WITH CARD LIGHT. CODE INDICATES CARD SLOT NUMBER (001-007 LEFT SIDE, 008 BITE MODULE, 009-016 RIGHT SIDE). SEE NOTE BELOW FOR CARD 001-004 OR 013-016 FAILURE.
CODE 150-305	FAILED SENSOR WITH SENSOR LIGHT OR FAILED TARGET WITH TARGET LIGHT. CODE INDICATES SENSOR ITEM NUMBER EXCEPT FOR RIGHT THRUST REVERSER.
CODE 400-409	SUBSYSTEM INPUT POWER FAILURE
CODE 421-428	DISCRETE INPUT FAILURE
CODE 888	LAMP TEST (PRESS/TEST)
CODE 999	SYSTEM TEST (VERIFY) COMPLETE
CODE AAA	AIRCRAFT IN AIR MODE
CODE CCC	SYSTEM TEST (VERIFY) IN PROGRESS (FLASHING)
CODE EEE	MEMORY CLEARED (RESET)

NOTE: PROXIMITY CARD FAULT (CODES 001-004 OR 013-016) DURING VERIFY TEST OR TARGET TEST MAY BE CAUSED BY DAMAGED SENSOR OR TARGET BEING LESS THAN .03 INCHES FROM RECTANGULAR SENSOR. INTERCHANGE CARD WITH GOOD CARD. REPLACE CARD IF FAULT FOLLOWS. IF SAME SLOT IS FAULTED AGAIN, PERFORM TARGET TEST ON EACH SENSOR FOR THAT CARD SLOT (SEE INSIDE TABLE). THE CARD FAULT LIGHT WILL ILLUMINATE WHEN THE MISRIGGED OR DAMAGED SENSOR IS TESTED.



CODE	SENSOR (TARGET)	CODE	SENSOR (TARGET)	CODE	SENSOR (TARGET)
CARGO DOOR CONTROL		DOOR SYSTEM		LEADING EDGE SLATS	
150	FWD LIFT RANGE OR (FWD UNLATCHED)*	192	L (FWD) WING CLOSED	276	L SLAT 1 OUTBD
151	FWD DOOR OPEN	193	R (FWD) WING CLOSED	277	L SLAT 2 OUTBD
152	FWD DR DOWN 1 OR (FWD LATCH RANGE)*	194	L FWD ENTRY CLOSED	278	L SLAT 3 OUTBD
153	FWD DR DOWN 2 OR (FWD HDL UNLOCKED)*	195	R FWD ENTRY LOCKED	279	L SLAT 4 OUTBD
154	FWD DOOR LATCHED	196	R FWD ENTRY CLOSED	280	L SLAT 5 OUTBD
157	AFT DR LIFT RANGE	197	R FWD ENTRY LOCKED	281	L SLAT 6 INBD
158	AFT DOOR OPEN	198	L WING SLIDE LOCKED	282	L SLAT 1 INBD
159	AFT DOOR DOWN 1	199	R WING SLIDE LOCKED	283	L SLAT 2 INBD
160	AFT DOOR DOWN 2	200	FWD ACC HATCH CL	284	L SLAT 3 INBD
161	AFT DOOR LATCHED	201	ELEC ACC HATCH CL	285	L SLAT 4 INBD
* ()	LARGE CARGO DOOR	202	L FWD GIRT BAR	286	L SLAT 5 INBD
THRUST REVERSER L ENGINE		203	R FWD GIRT BAR	287	L SLAT 6 OUTBD
S1604	L ACTUATOR LOCKED	204	L AFT ENTRY CLOSED	294	R SLAT 12 OUTBD
165	R ACTUATOR LOCKED	205	L AFT ENTRY LOCKED	295	R SLAT 11 OUTBD
166	L DEPLOYED	206	R AFT ENTRY CLOSED	296	R SLAT 10 OUTBD
S1605	R DEPLOYED	207	R AFT ENTRY LOCKED	297	R SLAT 9 OUTBD
168	SPARE	208	AFT CARGO LOCKED	298	R SLAT 8 OUTBD
S1607	L AUTO RESTOW	209	AFT CARGO CLOSED	299	R SLAT 7 INBD
S1610	R AUTO RESTOW	211	BULK CARGO LATCHED	300	R SLAT 12 INBD
THRUST REVERSER R ENGINE		212	L AFT GIRT BAR	301	R SLAT 11 INBD
170	L ACTR LOCKED (S164)	213	R AFT GIRT BAR	302	R SLAT 10 INBD
171	R ACTR LOCKED (S165)	214	FWD CARGO LOCKED	303	R SLAT 9 INBD
172	L DEPLOYED (S166)	215	FWD CARGO CLOSED	304	R SLAT 8 INBD
173	R DEPLOYED (S167)	216	L AFT WING CLOSED *	305	R SLAT 7 OUTBD
174	SPARE	217	R AFT WING CLOSED *	28V DC INPUT POWER	
180	L AUTO RESTOW (S176)	218	L WING SLIDE CLOSED	400	CARGO DOOR CONTROL
181	R AUTO RESTOW (S177)	219	R WING SLIDE CLOSED	401	T/R IND LEFT
ENTRY DOOR CONTROL		220	SEE ENTRY DR CONT *OPTIONAL	402	T/R IND RIGHT
184	FWD DOOR HANDLE UP	LDG GEAR SYSTEM 1		403	T/R AUTO RESTOW L
185	FWD DOOR UP	232	NOSE GEAR DOWN	404	T/R AUTO RESTOW R
186	FWD DOOR DOWN	233	NOSE GEAR LOCKED	405	ENTRY DOOR CONTROL
187	FWD DOOR UP LATCH REL	234	R NOSE DOOR CLOSED	406	DOOR SYSTEM
189	AFT DOOR HANDLE UP *	235	R NOSE DOOR CLOSED	407	LG SYSTEM 1
190	AFT DOOR UP *	236	L SIDE BRACE DOWN	408	LG SYSTEM 2
191	AFT DOOR DOWN *	237	L DRAG BRACE DOWN	409	LE SLATS
220	AFT DOOR UP LATCH REL *	238	L LATCH LOCKED	DISCRETE INPUT	
OPTIONAL		240	R SIDE BRACE DOWN	421	LDG GR LVR DOWN 1
		241	R DRAG BRACE DOWN	422	LDG GR LVR DOWN 2
		242	R LATCH LOCKED	423	SLAT CMD TO RET 1 *
		244	NOSE NOT COMPRESSED	424	SLAT CMD TO RET 2 *
		245	L GEAR TILTED	425	SLAT CMD TO T/O 1 *
		246	R GEAR TILTED	426	SLAT CMD TO T/O 2 *
		247	TAIL SKID EXTENDED	427	SLAT CMD TO LDG 1 *
		248	TAIL SKID RETRACTED	428	SLAT CMD TO LDG 2 *
		LDG GEAR SYSTEM 2		*FROM FSEU M545	
		254	NOSE GEAR DOWN		
		255	NOSE GEAR LOCKED		
		256	L NOSE DR CLOSED		
		257	R NOSE DR CLOSED		
		258	L SIDE BRACE DOWN		
		259	R SIDE BRACE DOWN		
		260	L LATCH LOCKED		
		262	R SIDE BRACE DOWN		
		263	R DRAG BRACE DOWN		
		264	R LATCH LOCKED		
		266	NOSE NOT COMPRESSED		
		267	L GEAR TILTED		
		268	R GEAR TILTED		

NOTE:

FAULT CODES 401 THROUGH 404 ARE ONLY APPLICABLE TO AIRPLANES POWERED BY P&W AND GE CF6-80A SERIES ENGINES.

SEE SHEET 5

150-156, 162-166, 275-276

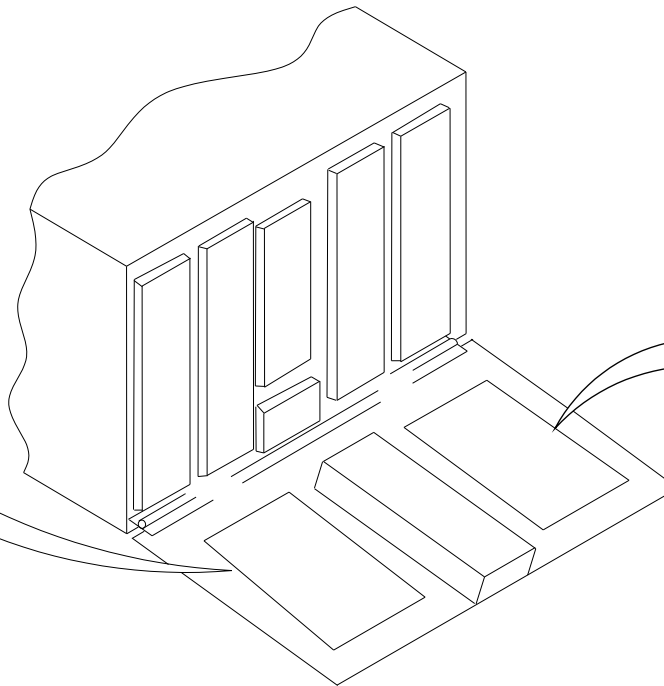
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606	A4 001	A4 002	A4 003	A4 004	A3 005	A5 006	A5 007	
	CARD TYPE AND SLOT NUMBER (001-007)							
	SUBSYSTEM	CARD SLOT NUMBER						
		PROXIMITY				LOGIC	DRIVER	
	CARGO DOOR CONT	1	(S150-S154,S157-S161)				11	7
	THRUST REV L ENG	13 16	(S176-S177) (S164-S168)				11	10
	THRUST REV R ENG	2 3	(S180-S181) (S170-S174)				5	6
	ENTRY DOOR CONT	16	(S184-S187,S189-S191, S220)				11	10, 12
	DOOR SYSTEM	3 4	(S192-S197,S212-S215, S219) (S198-S211,S216-S218)				5	6, 7, 12
	LDG GEAR SYS #1	15	(S232-S238,S240-S242, S244-S248)				11	10, 12
	LDG GEAR SYS #2	2	(S254-S260,S262-S264, S266-S268)				5	6, 7
	L. E. SLATS	13 14	(S276-S287,S294-S295) (S296-S305)				9	7, 10
	CARD TYPE CODES							
A1	LOGIC #1			A4	PROXIMITY			
A2	LOGIC #2			A5	DRIVER			
A3	LOGIC #3			A6	AUXILIARY DRIVER			



A2 009	A5 010	A1 011	A6 012	A4 013	A4 014	A4 015	A4 016
CARD TYPE AND SLOT NUMBER (009-016)							
SUBSYSTEM		CARD SLOT NUMBER					
		PROXIMITY			LOGIC	DRIVER	
CARGO DOOR CONT		1 (S150-S154,S157-S161)			11	7	
THRUST REV L ENG		13 (S176-S177) 16 (S164-S168)			11	10	
THRUST REV R ENG		2 (S180-S181) 3 (S170-S174)			5	6	
ENTRY DOOR CONT		16 (S184-S187,S189-S191, S220)			11	10, 12	
DOOR SYSTEM		3 (S192-S197,S212-S215, S219) 4 (S198-S211,S216-S218)			5	6, 7, 12	
LDG GEAR SYS #1		15 (S232-S238,S240-S242, S244-S248)			11	10, 12	
LDG GEAR SYS #2		2 (S254-S260,S262-S264, S266-S268)			5	6, 7	
L. E. SLATS		13 (S276-S287,S294-S295) 14 (S296-S305)			9	7, 10	
CARD TYPE CODES							
A1	LOGIC #1			A4	PROXIMITY		
A2	LOGIC #2			A5	DRIVER		
A3	LOGIC #3			A6	AUXILIARY DRIVER		

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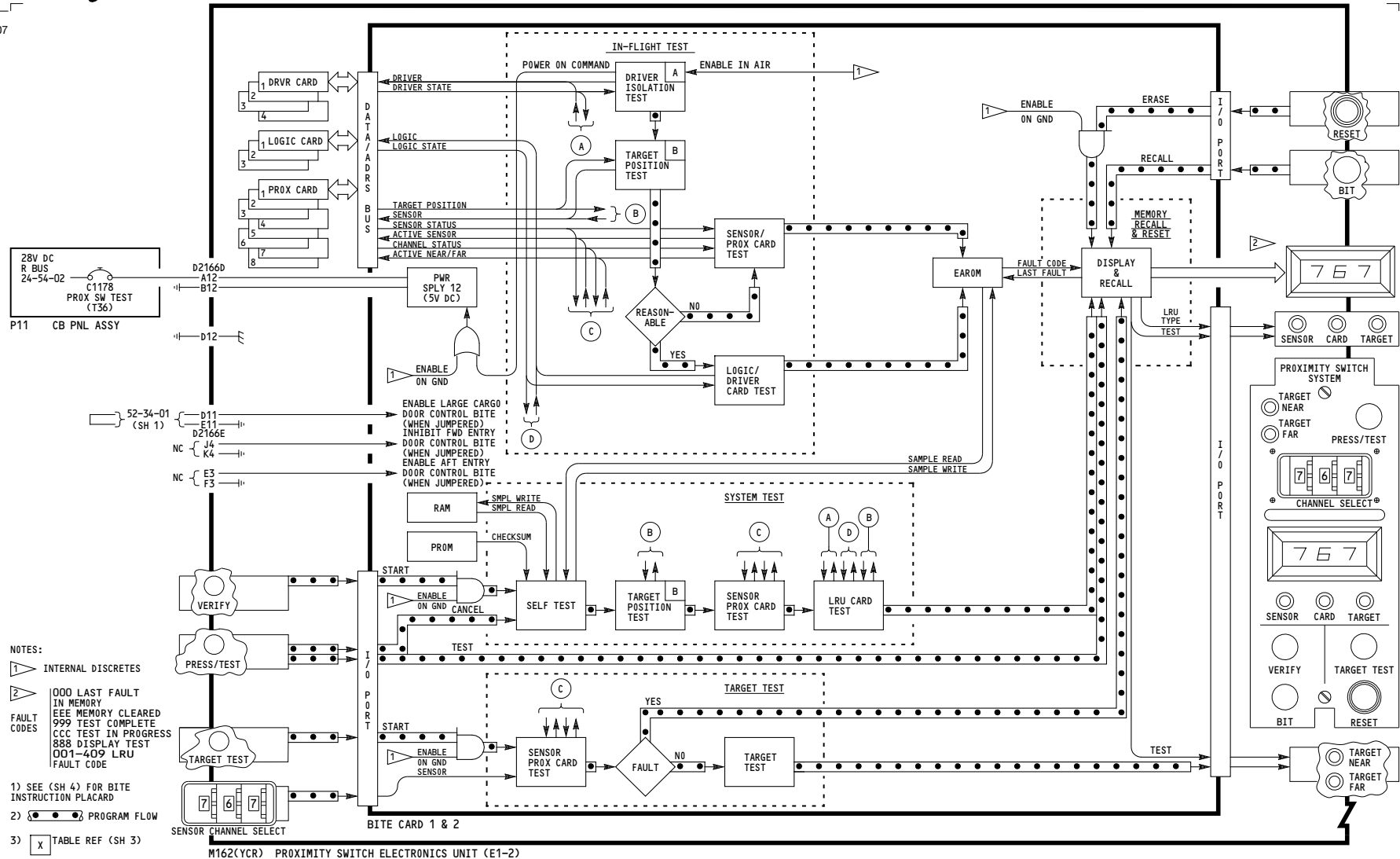
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M162(YCR) PROXIMITY SWITCH ELECTRONICS UNIT (E1-2)

BITE

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**PROXIMITY SWITCH
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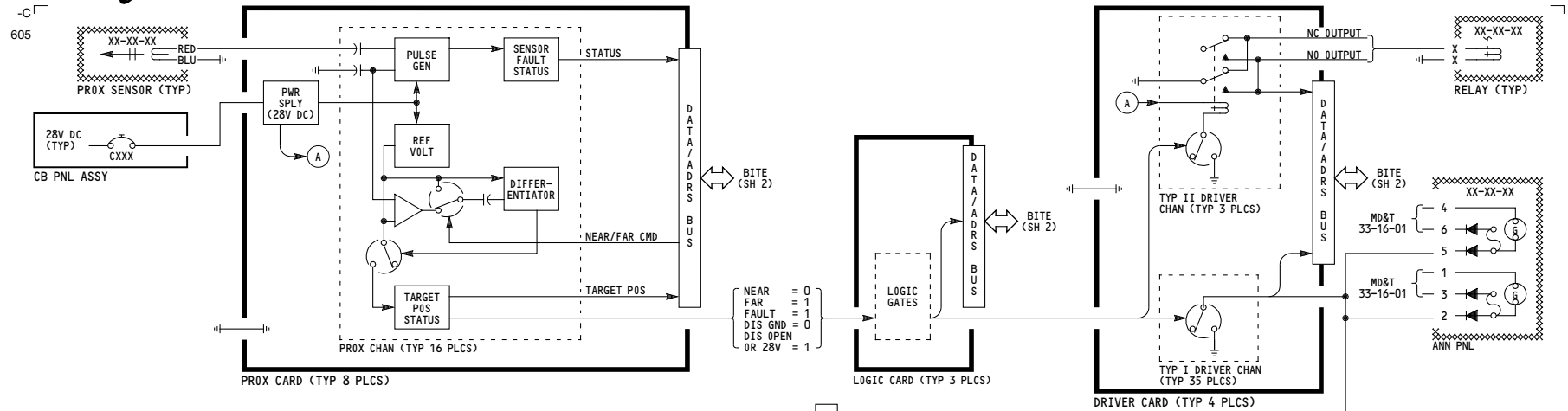


TABLE A IN-FLIGHT TEST INITIATION

FUNCTION	CONDITIONS	DLY (SEC)
THRUST REVERSER IN TRANSIT	NONE	5.0
THRUST REVERSER AUTO RESTOW	NONE	0.2
ANY DOOR OR HATCH UNSAFE	NONE	0.2
SLATS ASYMMETRY	ALT SLAT SYS NOT ARMED	4.0
	ALT SLAT SYS ARMED	10.0
ANY GEAR OR DOOR NOT IN SEL POS	NONE	25.0
EITHER GEAR NOT TILTED	NONE	5.0
TAIL SKID IN DISAGREEMENT	NONE	0.2
NOSE GEAR COMPRESSED	NONE	5.0

TYPICAL CHANNEL

NOTES:

1 FUNCTION ONLY AVAILABLE ON PSEUS P/N -21 AND ON

TABLE B TARGET POSITIONS

SYSTEM/MODE	SENSORS WITH TARGET		BITE	
	NEAR	FAR	IN-FLT	ON GND
THRUST REVERSER/STOWED	S1604, S165, S170, S171	S166, S1605, S172, S173	✓	✓
THRUST REVERSER/AUTO RESTOW	S1607, S1610, S180, S181		✓	
DOORS/CLOSED	S194, S195, S200, S201, S211, S214, S215, S890 THRU S894, S900, S901	NONE	✓	
LANDING GEAR/EXTENDED	S232, S233, S236 THRU S238, S240 THRU S242, S254, S255, S258 THRU S260, S262 THRU S264	NONE	✓	✓
LANDING GEAR/RETRACTED	S233 THRU S235, S238, S242, S255 THRU S257, S260, S264	S232, S236, S237, S240, S241, S254, S258, S259, S262, S263	✓	
LEADING EDGE SLATS/RETRACTED	S276 THRU S287, S294 THRU S305	NONE	✓	✓
LEADING EDGE SLATS/PARTIAL EXTEND	S282 THRU S287, S300 THRU S305	S276 THRU S281, S294 THRU S299	✓	✓
LEADING EDGE SLATS/FULL EXTEND	S276 THRU S281, S294 THRU S299	S282 THRU S287, S300 THRU S305	✓	✓
TILT SENSORS/AIR	S245, S246, S267, S268	NONE	✓	
TILT SENSORS/GND	NONE	S245, S246, S267, S268		✓

SYSTEM/MODE	SENSORS WITH TARGET		BITE	
	NEAR	FAR	IN-FLT	ON GND
NOSE GEAR COMPRESSED	S244, S266	NONE	✓	
GEAR TILT	S245, S246, S267, S268	NONE	✓	
GEAR TILT	NONE	S245, S246, S267, S268		✓
TAIL SKID/RETRACTED	S233, S236, S235, S238, S242, S248	S232, S236, S237, S240, S241, S247	✓	
TAIL SKID/EXTENDED	S232, S233, S236, S237, S240, S241, S247	S248	✓	✓

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-B BITE INSTRUCTIONS (AIRCRAFT MUST BE ON GROUND)

607 **NOTE:** IF NO BITE RESPONSE, PRESS PRESS/TEST & TARGET TEST SWITCHES SIMULTANEOUSLY TO RESET

A. MEMORY RECALL AND RESET

PRESS BIT SWITCH TO DISPLAY FAILED LRU
PRESS BIT SWITCH AGAIN FOR NEXT LRU
PRESS RESET SWITCH TO CLEAR MEMORY

NOTE: LRUS ARE DISPLAYED ON A LAST IN-FIRST OUT BASIS

B. SYSTEM TEST

SELECT TEST CODE WITH CHANNEL SELECT:

CODE 500	CARGO DOOR CONTROL	CODE 504	LG SYSTEM 1
CODE 501	ALL T/R SYSTEMS	CODE 505	LG SYSTEM 2
CODE 502	ENTRY DOOR CONTROL	CODE 506	LE SLATS
CODE 503	DOOR SYSTEM	CODE 507	ALL SYSTEMS

ALL OTHER CODES = ALL SYSTEMS PLUS MEMORY TEST

PRESS VERIFY SWITCH. FAILED LRU IS DISPLAYED AT END OF TEST
PRESS VERIFY SWITCH AGAIN FOR NEXT LRU

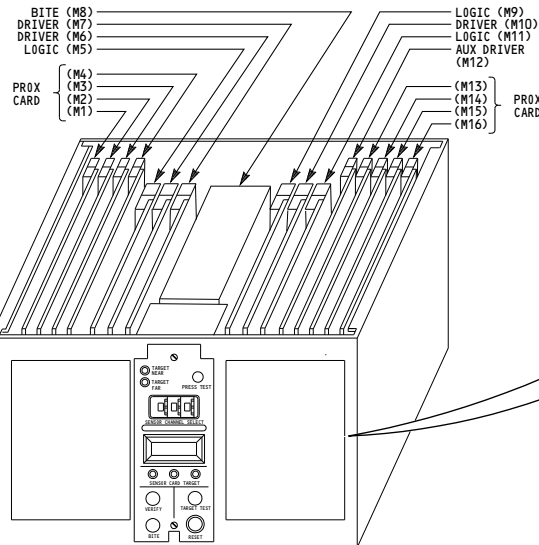
C. TARGET TEST (DISPLAY DELAYED APPROX. 5 SECONDS)

SELECT SENSOR CHANNEL WITH CHANNEL SELECT SWITCH
PRESS TARGET TEST SWITCH TO DISPLAY POSITION OF TARGET

DISPLAY

CODE 000	MEMORY RECALL (BIT) COMPLETE
CODE 001-016	FAILED CARD WITH CARD LIGHT. CODE INDICATES CARD SLOT NUMBER (001-007 LEFT SIDE, 008 BITE MODULE, 009-016 RIGHT SIDE). SEE NOTE BELOW FOR CARD 001-004 OR 013-016 FAILURE.
CODE 150-305	FAILED SENSOR WITH SENSOR LIGHT OR FAILED TARGET WITH TARGET LIGHT. CODE INDICATES SENSOR ITEM NUMBER EXCEPT FOR RIGHT THRUST REVERSER.
CODE 400-409	SUBSYSTEM INPUT POWER FAILURE
CODE 421-428	DISCRETE INPUT FAILURE
CODE 888	LAMP TEST (PRESS/TEST)
CODE 999	SYSTEM TEST (VERIFY) COMPLETE
CODE AAA	AIRCRAFT IN AIR MODE
CODE CCC	SYSTEM TEST (VERIFY) IN PROGRESS (FLASHING)
CODE EEE	MEMORY CLEARED (RESET)

NOTE: PROXIMITY CARD FAULT (CODES 001-004 OR 013-016) DURING VERIFY TEST OR TARGET TEST MAY BE CAUSED BY DAMAGED SENSOR OR TARGET BEING LESS THAN .03 INCHES FROM RECTANGULAR SENSOR. INTERCHANGE CARD WITH GOOD CARD. REPLACE CARD IF FAULT FOLLOWS. IF SAME SLOT IS FAULTED AGAIN, PERFORM TARGET TEST ON EACH SENSOR FOR THAT CARD SLOT (SEE INSIDE TABLE). THE CARD FAULT LIGHT WILL ILLUMINATE WHEN THE MISRIGGED OR DAMAGED SENSOR IS TESTED.



CODE	SENSOR (TARGET)	CODE	SENSOR (TARGET)	CODE	SENSOR (TARGET)
CARGO DOOR CONTROL		DOOR SYSTEM		LEADING EDGE SLATS	
150	FWD LIFT RANGE OR (FWD UNLATCHED)*	192	L (FWD) WING CLOSED	276	L SLAT 1 OUTBD
151	FWD DOOR OPEN	193	R (FWD) WING CLOSED	277	L SLAT 2 OUTBD
152	FWD DR DOWN 1 OR (FWD LATCH RANGE)*	194	L FWD ENTRY CLOSED	278	L SLAT 3 OUTBD
153	FWD DR DOWN 2 OR (FWD HDL UNLOCKED)*	195	R FWD ENTRY LOCKED	279	L SLAT 4 OUTBD
154	FWD DOOR LATCHED	196	R FWD ENTRY CLOSED	280	L SLAT 5 OUTBD
157	AFT DR LIFT RANGE	197	R FWD ENTRY LOCKED	281	L SLAT 6 INBD
158	AFT DOOR OPEN	198	L WING SLIDE LOCKED	282	L SLAT 1 INBD
159	AFT DOOR DOWN 1	199	R WING SLIDE LOCKED	283	L SLAT 2 INBD
160	AFT DOOR DOWN 2	200	FWD ACC HATCH CL	284	L SLAT 3 INBD
161	AFT DOOR LATCHED	201	ELEC ACC HATCH CL	285	L SLAT 4 INBD
* ()	LARGE CARGO DOOR	202	L FWD GIRT BAR	286	L SLAT 5 INBD
THRUST REVERSER L ENGINE		203	R FWD GIRT BAR	287	L SLAT 6 OUTBD
S1604	L ACTUATOR LOCKED	204	L AFT ENTRY CLOSED	294	R SLAT 12 OUTBD
165	R ACTUATOR LOCKED	205	L AFT ENTRY LOCKED	295	R SLAT 11 OUTBD
166	L DEPLOYED	206	R AFT ENTRY CLOSED	296	R SLAT 10 OUTBD
S1605	R DEPLOYED	207	R AFT ENTRY LOCKED	297	R SLAT 9 OUTBD
168	SPARE	208	AFT CARGO LOCKED	298	R SLAT 8 OUTBD
S1607	L AUTO RESTOW	209	AFT CARGO CLOSED	299	R SLAT 7 INBD
S1610	R AUTO RESTOW	211	BULK CARGO LATCHED	300	R SLAT 12 INBD
THRUST REVERSER R ENGINE		212	L AFT GIRT BAR	301	R SLAT 11 INBD
170	L ACTR LOCKED (S164)	213	R AFT GIRT BAR	302	R SLAT 10 INBD
171	R ACTR LOCKED (S165)	214	FWD CARGO LOCKED	303	R SLAT 9 INBD
172	L DEPLOYED (S166)	215	FWD CARGO CLOSED	304	R SLAT 8 INBD
173	R DEPLOYED (S167)	216	L AFT WING CLOSED *	305	R SLAT 7 OUTBD
174	SPARE	217	R AFT WING CLOSED *	28V DC INPUT POWER	
180	L AUTO RESTOW (S176)	218	L WING SLIDE CLOSED	400	CARGO DOOR CONTROL
181	R AUTO RESTOW (S177)	219	R WING SLIDE CLOSED	401	T/R IND LEFT
ENTRY DOOR CONTROL		220	SEE ENTRY DR CONT *OPTIONAL	402	T/R IND RIGHT
184	FWD DOOR HANDLE UP	LDG GEAR SYSTEM 1		403	T/R AUTO RESTOW L
185	FWD DOOR UP	232	NOSE GEAR DOWN	404	T/R AUTO RESTOW R
186	FWD DOOR DOWN	233	NOSE GEAR LOCKED	405	ENTRY DOOR CONTROL
187	FWD DOOR UP LATCH REL	234	R NOSE DOOR CLOSED	406	DOOR SYSTEM
189	AFT DOOR HANDLE UP *	235	R NOSE DOOR CLOSED	407	LG SYSTEM 1
190	AFT DOOR UP *	236	L SIDE BRACE DOWN	408	LG SYSTEM 2
191	AFT DOOR DOWN *	237	L DRAG BRACE DOWN	409	LE SLATS
220	AFT DOOR UP LATCH REL *	238	L LATCH LOCKED	DISCRETE INPUT	
OPTIONAL		240	R SIDE BRACE DOWN	421	LDG GR LVR DOWN 1
		241	R DRAG BRACE DOWN	422	LDG GR LVR DOWN 2
		242	R LATCH LOCKED	423	SLAT CMD TO RET 1 *
		244	NOSE NOT COMPRESSED	424	SLAT CMD TO RET 2 *
		245	L GEAR TILTED	425	SLAT CMD TO T/O 1 *
		246	R GEAR TILTED	426	SLAT CMD TO T/O 2 *
		247	TAIL SKID EXTENDED	427	SLAT CMD TO LDG 1 *
		248	TAIL SKID RETRACTED	428	SLAT CMD TO LDG 2 *
		LDG GEAR SYSTEM 2		*FROM FSEU M545	
		254	NOSE GEAR DOWN		
		255	NOSE GEAR LOCKED		
		256	L NOSE DR CLOSED		
		257	R NOSE DR CLOSED		
		258	L SIDE BRACE DOWN		
		259	R SIDE BRACE DOWN		
		260	L LATCH LOCKED		
		262	R SIDE BRACE DOWN		
		263	R DRAG BRACE DOWN		
		264	R LATCH LOCKED		
		266	NOSE NOT COMPRESSED		
		267	L GEAR TILTED		
		268	R GEAR TILTED		

NOTE:

FAULT CODES 401 THROUGH 404 ARE ONLY APPLICABLE TO AIRPLANES POWERED BY P&W AND GE CF6-80A SERIES ENGINES.

SEE SHEET 5

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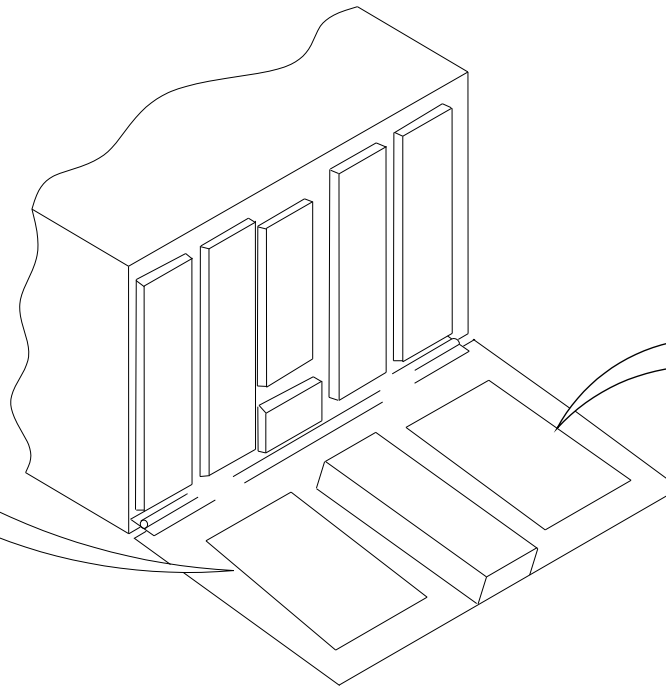
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606	A4 001	A4 002	A4 003	A4 004	A3 005	A5 006	A5 007	
	CARD TYPE AND SLOT NUMBER (001-007)							
	SUBSYSTEM	CARD SLOT NUMBER						
		PROXIMITY				LOGIC	DRIVER	
	CARGO DOOR CONT	1	(S150-S154, S157-S161)				11	7
	THRUST REV L ENG	13 16	(S176-S177) (S164-S168)				11	10
	THRUST REV R ENG	2 3	(S180-S181) (S170-S174)				5	6
	ENTRY DOOR CONT	16	(S184-S187, S189-S191, S220)				11	10, 12
	DOOR SYSTEM	3 4	(S192-S197, S212-S215, S219) (S198-S211, S216-S218)				5	6, 7, 12
	LDG GEAR SYS #1	15	(S232-S238, S240-S242, S244-S248)				11	10, 12
	LDG GEAR SYS #2	2	(S254-S260, S262-S264, S266-S268)				5	6, 7
	L. E. SLATS	13 14	(S276-S287, S294-S295) (S296-S305)				9	7, 10
	CARD TYPE CODES							
A1	LOGIC #1			A4	PROXIMITY			
A2	LOGIC #2			A5	DRIVER			
A3	LOGIC #3			A6	AUXILIARY DRIVER			



A2 009	A5 010	A1 011	A6 012	A4 013	A4 014	A4 015	A4 016
CARD TYPE AND SLOT NUMBER (009-016)							
SUBSYSTEM		CARD SLOT NUMBER					
		PROXIMITY			LOGIC	DRIVER	
CARGO DOOR CONT		1 (S150-S154,S157-S161)			11	7	
THRUST REV L ENG		13 (S176-S177) 16 (S164-S168)			11	10	
THRUST REV R ENG		2 (S180-S181) 3 (S170-S174)			5	6	
ENTRY DOOR CONT		16 (S184-S187,S189-S191, S220)			11	10, 12	
DOOR SYSTEM		3 (S192-S197,S212-S215, S219) 4 (S198-S211,S216-S218)			5	6, 7, 12	
LDG GEAR SYS #1		15 (S232-S238,S240-S242, S244-S248)			11	10, 12	
LDG GEAR SYS #2		2 (S254-S260,S262-S264, S266-S268)			5	6, 7	
L. E. SLATS		13 (S276-S287,S294-S295) 14 (S296-S305)			9	7, 10	
CARD TYPE CODES							
A1	LOGIC #1			A4	PROXIMITY		
A2	LOGIC #2			A5	DRIVER		
A3	LOGIC #3			A6	AUXILIARY DRIVER		

167-199, 278-299

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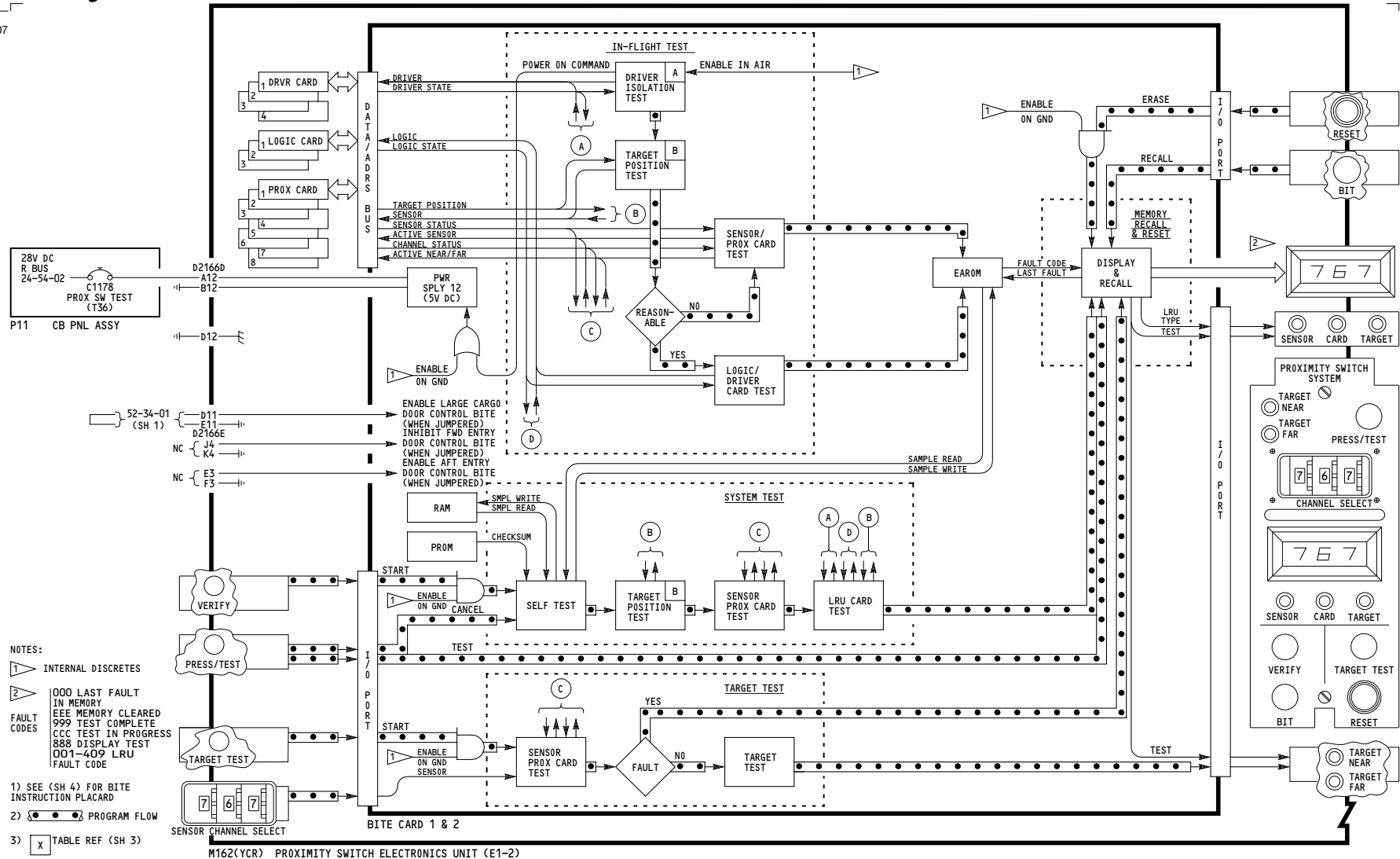
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BITE

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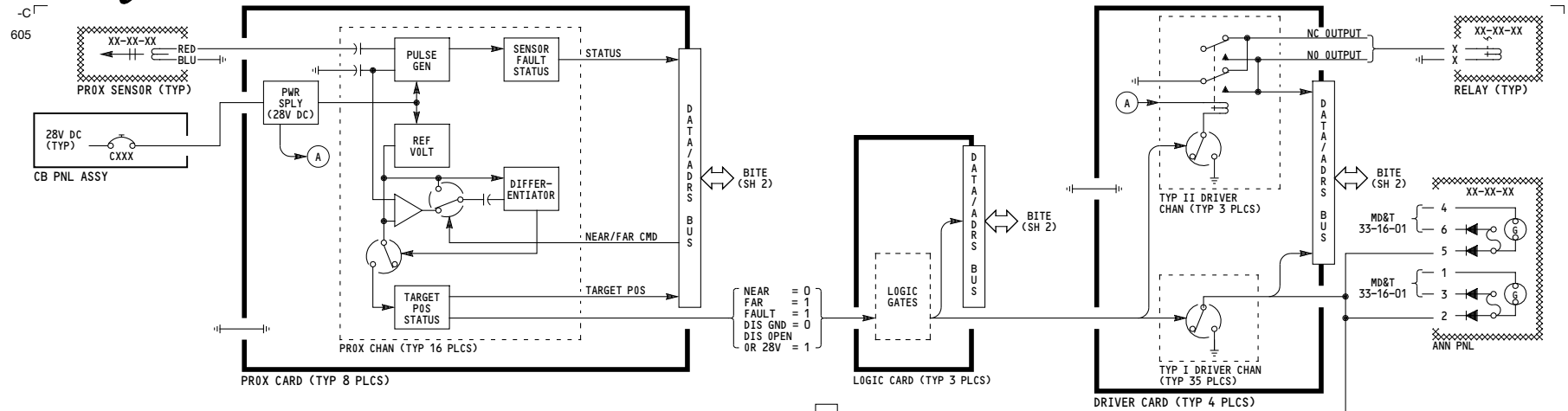


TABLE A IN-FLIGHT TEST INITIATION

FUNCTION	CONDITIONS	DLY (SEC)
THRUST REVERSER IN TRANSIT	NONE	5.0
THRUST REVERSER AUTO RESTOW	NONE	0.2
ANY DOOR OR HATCH UNSAFE	NONE	0.2
SLATS ASYMMETRY	ALT SLAT SYS NOT ARMED	4.0
	ALT SLAT SYS ARMED	10.0
ANY GEAR OR DOOR NOT IN SEL POS	NONE	25.0
EITHER GEAR NOT TILTED	NONE	5.0
TAIL SKID IN DISAGREEMENT	NONE	0.2
NOSE GEAR COMPRESSED	NONE	5.0

TYPICAL CHANNEL

NOTES:

1 FUNCTION ONLY AVAILABLE ON PSEUS P/N -21 AND ON

TABLE B TARGET POSITIONS

SYSTEM/MODE	SENSORS WITH TARGET		BITE	
	NEAR	FAR	IN-FLT	ON GND
THRUST REVERSER/STOWED	S1604, S165, S170, S171	S166, S1605, S172, S173	✓	✓
THRUST REVERSER/AUTO RESTOW	S1607, S1610 S180, S181		✓	
DOORS/CLOSED	S194, S195 S200, S201, S211 S214, S215 S890 THRU S894 S900, S901	NONE	✓	
LANDING GEAR/EXTENDED	S232, S233 S236 THRU S238 S240 THRU S242 S254, S255 S258 THRU S260 S262 THRU S264	NONE	✓	✓
LANDING GEAR/RETRACTED	S233 THRU S235 S238, S242 S255 THRU S257 S260, S264	S232, S236, S237, S240, S241, S254, S258, S259, S262, S263	✓	
LEADING EDGE SLATS/RETRACTED	S276 THRU S287 S294 THRU S305	NONE	✓	✓
LEADING EDGE SLATS/PARTIAL EXTEND	S282 THRU S287 S300 THRU S305	S276 THRU S281 S294 THRU S299	✓	✓
LEADING EDGE SLATS/FULL EXTEND	S276 THRU S281 S294 THRU S299	S282 THRU S287 S300 THRU S305	✓	✓
TILT SENSORS/AIR	S245, S246, S267, S268	NONE	✓	
TILT SENSORS/GND	NONE	S245, S246, S267, S268		✓

SYSTEM/MODE	SENSORS WITH TARGET		BITE	
	NEAR	FAR	IN-FLT	ON GND
NOSE GEAR COMPRESSED	S244, S266	NONE	✓	
GEAR TILT	S245, S246 S267, S268	NONE	✓	
GEAR TILT	NONE	S245, S246 S267, S268		✓
TAIL SKID/RETRACTED	S233, S234, S235 S238, S242, S248	S232, S236, S237 S240, S241, S247	✓	
TAIL SKID/EXTENDED	S232, S233, S236 S237, S240, S241 S247	S248	✓	✓

-B BITE INSTRUCTIONS (AIRCRAFT MUST BE ON GROUND)

607 **NOTE:** IF NO BITE RESPONSE, PRESS PRESS/TEST & TARGET TEST SWITCHES SIMULTANEOUSLY TO RESET

A. MEMORY RECALL AND RESET

PRESS BIT SWITCH TO DISPLAY FAILED LRU
PRESS BIT SWITCH AGAIN FOR NEXT LRU
PRESS RESET SWITCH TO CLEAR MEMORY

NOTE: LRUS ARE DISPLAYED ON A LAST IN-FIRST OUT BASIS

B. SYSTEM TEST

SELECT TEST CODE WITH CHANNEL SELECT:

CODE 500	CARGO DOOR CONTROL	CODE 504	LG SYSTEM 1
CODE 501	ALL T/R SYSTEMS	CODE 505	LG SYSTEM 2
CODE 502	ENTRY DOOR CONTROL	CODE 506	LE SLATS
CODE 503	DOOR SYSTEM	CODE 507	ALL SYSTEMS

ALL OTHER CODES = ALL SYSTEMS PLUS MEMORY TEST

PRESS VERIFY SWITCH. FAILED LRU IS DISPLAYED AT END OF TEST
PRESS VERIFY SWITCH AGAIN FOR NEXT LRU

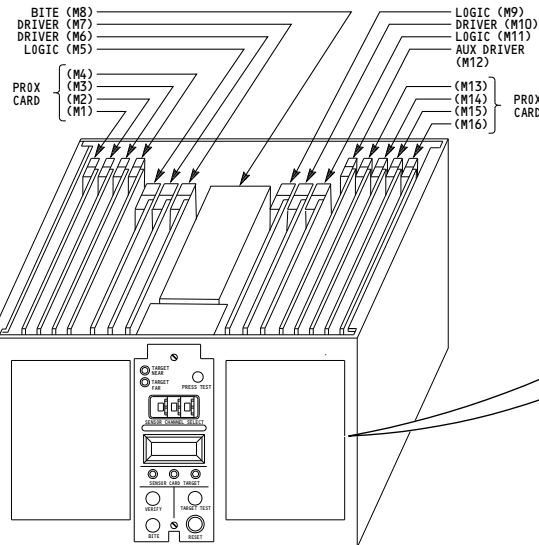
C. TARGET TEST (DISPLAY DELAYED APPROX. 5 SECONDS)

SELECT SENSOR CHANNEL WITH CHANNEL SELECT SWITCH
PRESS TARGET TEST SWITCH TO DISPLAY POSITION OF TARGET

DISPLAY

CODE 000	MEMORY RECALL (BIT) COMPLETE
CODE 001-016	FAILED CARD WITH CARD LIGHT. CODE INDICATES CARD SLOT NUMBER (001-007 LEFT SIDE, 008 BITE MODULE, 009-016 RIGHT SIDE). SEE NOTE BELOW FOR CARD 001-004 OR 013-016 FAILURE.
CODE 150-305	FAILED SENSOR WITH SENSOR LIGHT OR FAILED TARGET WITH TARGET LIGHT. CODE INDICATES SENSOR ITEM NUMBER EXCEPT FOR RIGHT THRUST REVERSER.
CODE 400-409	SUBSYSTEM INPUT POWER FAILURE
CODE 421-428	DISCRETE INPUT FAILURE
CODE 888	LAMP TEST (PRESS/TEST)
CODE 999	SYSTEM TEST (VERIFY) COMPLETE
CODE AAA	AIRCRAFT IN AIR MODE
CODE CCC	SYSTEM TEST (VERIFY) IN PROGRESS (FLASHING)
CODE EEE	MEMORY CLEARED (RESET)

NOTE: PROXIMITY CARD FAULT (CODES 001-004 OR 013-016) DURING VERIFY TEST OR TARGET TEST MAY BE CAUSED BY DAMAGED SENSOR OR TARGET BEING LESS THAN .03 INCHES FROM RECTANGULAR SENSOR. INTERCHANGE CARD WITH GOOD CARD. REPLACE CARD IF FAULT FOLLOWS. IF SAME SLOT IS FAULTED AGAIN, PERFORM TARGET TEST ON EACH SENSOR FOR THAT CARD SLOT (SEE INSIDE TABLE). THE CARD FAULT LIGHT WILL ILLUMINATE WHEN THE MISRIGGED OR DAMAGED SENSOR IS TESTED.



CODE	SENSOR (TARGET)	CODE	SENSOR (TARGET)	CODE	SENSOR (TARGET)
CARGO DOOR CONTROL		DOOR SYSTEM		LEADING EDGE SLATS	
150	FWD LIFT RANGE OR (FWD UNLATCHED)*	192	L (FWD) WING CLOSED	276	L SLAT 1 OUTBD
151	FWD DOOR OPEN	193	R (FWD) WING CLOSED	277	L SLAT 2 OUTBD
152	FWD DR DOWN 1 OR (FWD LATCH RANGE)*	194	L FWD ENTRY CLOSED	278	L SLAT 3 OUTBD
153	FWD DR DOWN 2 OR (FWD HDL UNLOCKED)*	195	R FWD ENTRY LOCKED	279	L SLAT 4 OUTBD
154	FWD DOOR LATCHED	196	R FWD ENTRY CLOSED	280	L SLAT 5 OUTBD
157	AFT OR LIFT RANGE	197	R FWD ENTRY LOCKED	281	L SLAT 6 INBD
158	AFT DOOR OPEN	198	L WING SLIDE LOCKED	282	L SLAT 1 INBD
159	AFT DOOR DOWN 1	199	R WING SLIDE LOCKED	283	L SLAT 2 INBD
160	AFT DOOR DOWN 2	200	FWD ACC HATCH CL	284	L SLAT 3 INBD
161	AFT DOOR LATCHED	201	ELEC ACC HATCH CL	285	L SLAT 4 INBD
* ()	LARGE CARGO DOOR	202	L FWD GIRT BAR	286	L SLAT 5 INBD
THRUST REVERSER L ENGINE		203	R FWD GIRT BAR	287	L SLAT 6 OUTBD
S1604	L ACTUATOR LOCKED	204	L AFT ENTRY CLOSED	294	R SLAT 12 OUTBD
165	R ACTUATOR LOCKED	205	L AFT ENTRY LOCKED	295	R SLAT 11 OUTBD
166	L DEPLOYED	206	R AFT ENTRY CLOSED	296	R SLAT 10 OUTBD
S1605	R DEPLOYED	207	R AFT ENTRY LOCKED	297	R SLAT 9 OUTBD
168	SPARE	208	AFT CARGO LOCKED	298	R SLAT 8 OUTBD
S1607	L AUTO RESTOW	209	AFT CARGO CLOSED	299	R SLAT 7 INBD
S1610	R AUTO RESTOW	211	BULK CARGO LATCHED	300	R SLAT 12 INBD
THRUST REVERSER R ENGINE		212	L AFT GIRT BAR	301	R SLAT 11 INBD
170	L ACTR LOCKED (S164)	213	R AFT GIRT BAR	302	R SLAT 10 INBD
171	R ACTR LOCKED (S165)	214	FWD CARGO LOCKED	303	R SLAT 9 INBD
172	L DEPLOYED (S166)	215	FWD CARGO CLOSED	304	R SLAT 8 INBD
173	R DEPLOYED (S167)	216	L AFT WING CLOSED *	305	R SLAT 7 OUTBD
174	SPARE	217	R AFT WING CLOSED *	28V DC INPUT POWER	
180	L AUTO RESTOW (S176)	218	L WING SLIDE CLOSED	400	CARGO DOOR CONTROL
181	R AUTO RESTOW (S177)	219	R WING SLIDE CLOSED	401	T/R IND LEFT
ENTRY DOOR CONTROL		220	SEE ENTRY DR CONT *OPTIONAL	402	T/R IND RIGHT
184	FWD DOOR HANDLE UP	LDG GEAR SYSTEM 1		403	T/R AUTO RESTOW L
185	FWD DOOR UP	232	NOSE GEAR DOWN	404	T/R AUTO RESTOW R
186	FWD DOOR DOWN	233	NOSE GEAR LOCKED	405	ENTRY DOOR CONTROL
187	FWD DOOR UP LATCH REL	234	R NOSE DOOR CLOSED	406	DOOR SYSTEM
189	AFT DOOR HANDLE UP *	235	R NOSE DOOR CLOSED	407	LG SYSTEM 1
190	AFT DOOR UP *	236	L SIDE BRACE DOWN	408	LG SYSTEM 2
191	AFT DOOR DOWN *	237	L DRAG BRACE DOWN	409	LE SLATS
220	AFT DOOR UP LATCH REL *	238	L LATCH LOCKED	DISCRETE INPUT	
OPTIONAL		240	R SIDE BRACE DOWN	421	LDG GR LVR DOWN 1
		241	R DRAG BRACE DOWN	422	LDG GR LVR DOWN 2
		242	R LATCH LOCKED	423	SLAT CMD TO RET 1 *
		244	NOSE NOT COMPRESSED	424	SLAT CMD TO RET 2 *
		245	L GEAR TILTED	425	SLAT CMD TO T/O 1 *
		246	R GEAR TILTED	426	SLAT CMD TO T/O 2 *
		247	TAIL SKID EXTENDED	427	SLAT CMD TO LDG 1 *
		248	TAIL SKID RETRACTED	428	SLAT CMD TO LDG 2 *
		LDG GEAR SYSTEM 2		*FROM FSEU M545	
		254	NOSE GEAR DOWN		
		255	NOSE GEAR LOCKED		
		256	L NOSE DR CLOSED		
		257	R NOSE DR CLOSED		
		258	L SIDE BRACE DOWN		
		259	R SIDE BRACE DOWN		
		260	L LATCH LOCKED		
		262	R SIDE BRACE DOWN		
		263	R DRAG BRACE DOWN		
		264	R LATCH LOCKED		
		266	NOSE NOT COMPRESSED		
		267	L GEAR TILTED		
		268	R GEAR TILTED		

NOTE:

FAULT CODES 401 THROUGH 404 ARE ONLY APPLICABLE TO AIRPLANES POWERED BY P&W AND GE CF6-80A SERIES ENGINES.

SEE SHEET 5

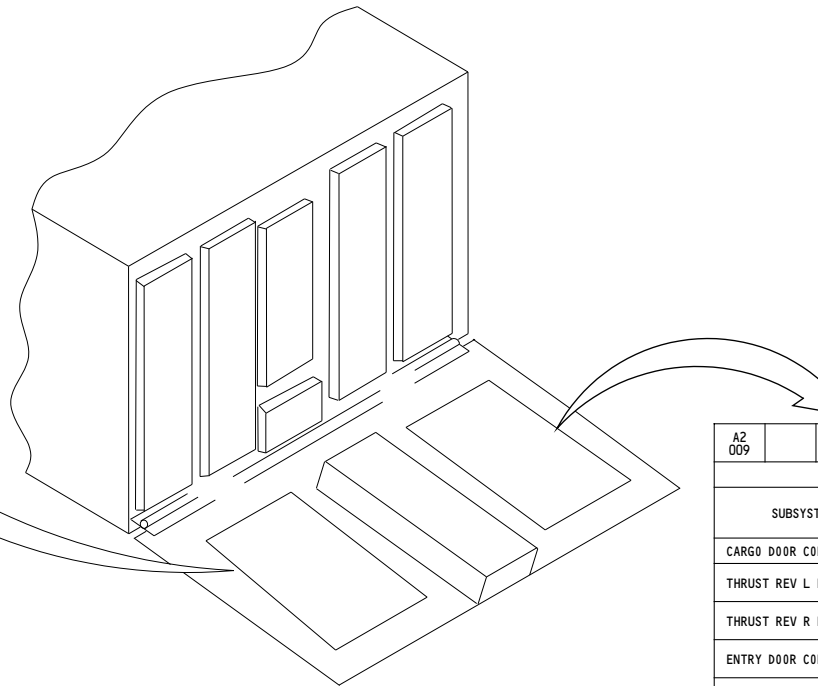
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606	A4 001	A4 002	A4 003	A4 004	A3 005	A5 006	A5 007	
	CARD TYPE AND SLOT NUMBER (001-007)							
	SUBSYSTEM	CARD SLOT NUMBER						
		PROXIMITY					LOGIC	DRIVER
		CARGO DOOR CONT	1	(S150-S154,S157-S161)			11	7
		THRUST REV L ENG	13 16	(S176-S177) (S164-S168)			11	10
		THRUST REV R ENG	2 3	(S180-S181) (S170-S174)			5	6
		ENTRY DOOR CONT	16	(S184-S187,S189-S191, S220)			11	10, 12
		DOOR SYSTEM	3 4	(S192-S197,S212-S215, S219) (S198-S211,S216-S218)			5	6, 7, 12
		LDG GEAR SYS #1	15	(S232-S238,S240-S242, S244-S248)			11	10, 12
LDG GEAR SYS #2		2	(S254-S260,S262-S264, S266-S268)			5	6, 7	
L. E. SLATS	13 14	(S276-S287,S294-S295) (S296-S305)			9	7, 10		
CARD TYPE CODES								
A1	LOGIC #1			A4	PROXIMITY			
A2	LOGIC #2			A5	DRIVER			
A3	LOGIC #3			A6	AUXILIARY DRIVER			



A2 009	A5 010		A1 011	A6 012	A4 013	A4 014	A4 015	A4 016
CARD TYPE AND SLOT NUMBER (009-016)								
SUBSYSTEM			CARD SLOT NUMBER					
			PROXIMITY			LOGIC	DRIVER	
CARGO DOOR CONT			1 (S150-S154,S157-S161)			11	7	
THRUST REV L ENG			13 (S176-S177) 16 (S164-S168)			11	10	
THRUST REV R ENG			2 (S180-S181) 3 (S170-S174)			5	6	
ENTRY DOOR CONT			16 (S184-S187,S189-S191, S220)			11	10, 12	
DOOR SYSTEM			3 (S192-S197,S212-S215, S219)			5	6, 7, 12	
			4 (S198-S211,S216-S218)					
LDG GEAR SYS #1			15 (S232-S238,S240-S242, S244-S248)			11	10, 12	
LDG GEAR SYS #2			2 (S254-S260,S262-S264, S266-S268)			5	6, 7	
L. E. SLATS			13 (S276-S287,S294-S295)			9	7, 10	
			14 (S296-S305)					
CARD TYPE CODES								
A1	LOGIC #1			A4	PROXIMITY			
A2	LOGIC #2			A5	DRIVER			
A3	LOGIC #3			A6	AUXILIARY DRIVER			

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767-200/300 SYSTEM SCHEMATIC MANUAL

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RLY ENERG	C NC NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 124 AIR	1-13-2	ENABLES BLEED AIR BITE	INHIBITS BLEED AIR BITE	36-23-01	2
	5-3-4				
	7-14-8	INHIBITS C HYD ISOL VLVS	ENABLES C HYD ISOL VLVS	29-00-04	1
K 135	11-9-10	INHIBITS L DME VOR, ILS, RAD ALT, ADF	ENABLES L DME VOR, ILS, RAD ALT, ADF	34-55-01	—
	7-8-14	PROVIDE GND MODE	PROVIDE AIR MODE	21-58-02	—
	9-10-11	PROVIDE GND MODE	PROVIDE AIR MODE	21-58-07	—
K 140 GND	5	INHIBITS AUTO OPERATION OF AIR PACK 1	ENABLES AUTO OPERATION OF AIR PACK 1	21-51-01	1
	7	INHIBITS L FMC FLIGHT LEG UPDATE	ENABLES L FMC FLIGHT LEG UPDATE	34-61-02	1
	11	PROVIDES ON GND INPUT (GND) TO TMC	PROVIDES AIRBORNE INPUT (OPEN) TO TMC	22-32-01	1
K 141 GND	1	ENABLES L PAC DOOR CLOSE	INHIBITS L PAC DOOR CLOSE	21-53-02	1
	5	ENABLES GND IDLE	ENABLES FLT IDLE	73-21-02	2
	7	INHIBITS BITE STORAGE FLT DECK ZONE TEMP CONT	ENABLES BITE STORAGE FLT DECK ZONE TEMP CONT	21-60-01	1
K 142 GND	1	PROVIDES ON GND 2 INPUT (GND) TO L FCC, C FCC, & R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, & R FCC	22-14-03	—
	5			22-14-03	—
	7	PROVIDES ON GND 2 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT OPEN TO MCDP	22-41-01	—
K 143 GND	11			22-41-01	—
	7	ENABLES C EFIS SYM GEN TEST	INHIBITS C EFIS SYM GEN TEST	33-16-01	2
	11	INHIBITS L ATC SQUITTER	ENABLES L ATC SQUITTER	34-53-01	—
K 145 AIR	B	PROVIDES "ON GND" INPUT TO EICAS	PROVIDES "AIRBORNE" INPUT TO EICAS	32-09-02	1
	D(2-3-1)	ENABLES FOOT HEATER CAPT	INHIBITS FOOT HEATER CAPT	21-45-01	—
K 146 GND	A	ENABLES L BLEED AIR	INHIBITS L BLEED AIR	36-11-05	—
	B	ENABLES FWD ENTRY DOOR OPERATION	INHIBITS FWD ENTRY DOOR OPERATION	52-11-01	1
	C	ENABLES EQUIP COOLING FROM EXT EQUIP	INHIBITS EXT COOLING EQUIP	21-58-03	—
K 147 AIR	A	INHIBITS UTILITY BUS AUTO RESET	ENABLES UTILITY BUS AUTO RESET	24-51-07	—
	B	INHIBITS LANDING GEAR LEVER LOCK	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
	D	INHIBITS FWD ENTRY DOORS HEATERS	ENABLES FWD ENTRY DOORS HEATERS	21-45-02	—
K 148 AIR	1	PROVIDES ON GND INPUT (GND) TO BPCU	PROVIDES AIRBORNE INPUT (OPEN) TO BPCU	24-20-02	2
	4				
	7	PROVIDES ON GND INPUT (GND) TO EQUIP CLG IND	PROVIDES AIRBORNE INPUT (OPEN) TO EQUIP CLG IND	21-58-01	1
K 149 GND	11	INHIBITS HYDRAULIC GEN	ENABLES HYDRAULIC GEN	24-20-05	1
	1				
	5	PROVIDES ON GND INPUT (OPEN) TO GPWS COMP	PROVIDES AIR INPUT (GND) TO GPWS COMP	34-46-01	1
K 167 AIR	7	ENABLES R EFIS SYM GEN TEST	INHIBITS R EFIS SYM GEN TEST	33-16-01	1
	11	ENABLES L ADC FUNCT TEST	INHIBITS L ADC FUNCT TEST	34-12-01	1
	A(2-3-1)	INHIBITS APU AUTO FUEL PUMP	ENABLES APU AUTO FUEL PUMP	28-25-01	—
K 167 AIR	B(2-3-1)	ENABLES GND CREW WARNING	INHIBITS GND CREW WARNING	21-58-01	2
	D(2-3-1)	ENABLES GND IDLE	ENABLES FLT IDLE	73-21-02	2

RLY ENERG	C NC NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 170 GND	1	INHIBITS L STALL WARNING	ENABLES L STALL WARNING	27-32-02	—
	5				
	1-13-2	ENABLES EXT POWER PRIORITY OVER L GCU	INHIBITS EXT POWER PRIORITY OVER L GCU	24-20-01	1
K 177 GND	7-14-8	ENABLES L EFIS SYM GEN TEST	INHIBITS L EFIS SYM GEN TEST	33-16-01	2
	A	ENABLES VOX REC TAPE ERASURE	INHIBITS VOX REC TAPE ERASURE	23-71-01	—
	B	ENABLES ADP DEMAND	INHIBITS ADP DEMAND	29-00-05	1
K 178 GND	C	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	1
	1	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 199 AIR	5	ENABLES L VHF BITE TEST	INHIBITS L VHF BITE TEST	23-12-01	—
	7	ENABLES L AUTOBRAKE SYSTEM	INHIBITS L AUTOBRAKE SYSTEM	32-42-01	1
	11	PROVIDE GROUND MODE	PROVIDE AIR MODE	21-66-01	—
K 514 GND	A	INHIBITS L AOA PROBE (IF ENGINE IS <50%)	ENABLES L AOA PROBE HEAT	30-32-01	—
	B	INHIBITS L TAT PROBE HEAT	ENABLES L TAT PROBE HEAT	30-33-01	—
	D	INHIBITS ENGINE TT2/PT2 PROBE HT IF ENG IS OFF	ENABLES ENG TT2/PT2 PROBE HT	30-34-01	—
K 515 GND	A	ENABLES R AUX P/S L0 HT, INHIBITS R AUX P/S HI HT	ENABLES R AUX P/S HI HT, INHIBITS R AUX P/S L0 HT	30-31-01	2
	B	INHIBITS R AUX P/S AUTO IND	ENABLES R AUX P/S AUTO IND	30-31-01	2
	C	ENABLES L AUX P/S L0 HT	INHIBITS L AUX P/S HI HT	30-31-01	2
K 516 GND	D	R AUX P/S HT	R AUX P/S HT	30-31-01	2
	A	ENABLES CAPT P/S L0 HT, INHIBITS CAPT P/S HI HT	ENABLES CAPT P/S HI HT, INHIBITS CAPT P/S L0 HT	30-31-01	1
	B	INHIBITS L P/S AUTO IND	ENABLES L P/S AUTO IND	30-31-01	1
K 529 GND	C	ENABLES F/O P/S L0 HT	INHIBITS F/O P/S L0 HT	30-31-01	1
	D	CAPT P/S HT	CAPT P/S HT	30-31-01	1
	A	ENABLES APU AUTO FUEL PUMP	INHIBITS APU AUTO FUEL PUMP	28-25-01	—
K 552 GND	B	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-34-01	—
	C	ENABLES GND HANDLING RLY	INHIBITS GND HANDLING RLY	24-51-06	—
	D	PROVIDES "ON GND" INPUT TO CSEU	PROVIDES "AIRBORNE" INPUT TO CSEU	27-09-06	—
K 716 GND	A	ENABLES R ELECT HYD PUMP (T.O)	INHIBITS R ELECT HYD PUMP (T.O)	29-00-03	2
	D	ENABLES "ON GND" RT GEAR	INHIBITS RT GEAR TILT	32-09-02	1
	1	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3
K 895 GND	5	INHIBITS AUTO 1 CABIN PRESSURE	ENABLES AUTO 1 CABIN PRESSURE	21-31-01	1
	11	PROVIDES ON GND SCALING INPUT TO FQPU	PROVIDES AIRBORNE SCALING INPUT TO FQPU	28-41-01	1
	C	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-01	—
K 1043 GND	D	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-02	—
	1-13-2	DISABLES R ENG AUTO CH SEL XFR	ENABLES R AUTO CH SEL XFR	73-21-01	
	5-3-4				
K 2154 GND	7-8-14	PROVIDE GND MODE	PROVIDE AIR MODE	21-45-22	
	9-10-11	PROVIDE GND MODE	PROVIDE AIR MODE	21-66-01	
	A	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-11	
K 2155 GND	A	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-21	
	B, C, D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-01	

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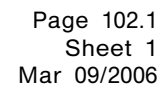
AIR/GROUND RELAYS SYSTEM 1

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767-200/300 SYSTEM SCHEMATIC MANUAL

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RLY ENERG	C NC NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 124 AIR	1-13-2	ENABLES BLEED AIR BITE	INHIBITS BLEED AIR BITE	36-23-01	2
	5-3-4				
	7-14-8	INHIBITS C HYD ISOL VLVS	ENABLES C HYD ISOL VLVS	29-00-04	1
K 135	11-9-10	INHIBITS L DME VOR, ILS, RAD ALT, ADF	ENABLES L DME VOR, ILS, RAD ALT, ADF	34-55-01	—
	7-8-14	PROVIDE GND MODE	PROVIDE AIR MODE	21-58-02	—
	9-10-11	PROVIDE GND MODE	PROVIDE AIR MODE	21-58-07	—
K 140 GND	5	INHIBITS AUTO OPERATION OF AIR PACK 1	ENABLES AUTO OPERATION OF AIR PACK 1	21-51-01	1
	7	INHIBITS L FMC FLIGHT LEG UPDATE	ENABLES L FMC FLIGHT LEG UPDATE	34-61-02	1
	11	PROVIDES ON GND INPUT (GND) TO TMC	PROVIDES AIRBORNE INPUT (OPEN) TO TMC	22-32-01	1
K 141 GND	1	ENABLES L PAC DOOR CLOSE	INHIBITS L PAC DOOR CLOSE	21-53-02	1
	5	ENABLES GND IDLE	ENABLES FLT IDLE	73-21-02	2
	7	INHIBITS BITE STORAGE FLT DECK ZONE TEMP CONT	ENABLES BITE STORAGE FLT DECK ZONE TEMP CONT	21-60-01	1
K 142 GND	1	PROVIDES ON GND 2 INPUT (GND) TO L FCC, C FCC, & R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, & R FCC	22-14-03	—
	5			22-14-03	—
	7	PROVIDES ON GND 2 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT OPEN TO MCDP	22-41-01	—
K 143 GND	11			22-41-01	—
	7	ENABLES C EFIS SYM GEN TEST	INHIBITS C EFIS SYM GEN TEST	33-16-01	2
	11	INHIBITS L ATC SQUITTER	ENABLES L ATC SQUITTER	34-53-01	—
K 145 AIR	B	PROVIDES "ON GND" INPUT TO EICAS	PROVIDES "AIRBORNE" INPUT TO EICAS	32-09-02	1
	D(2-3-1)	ENABLES FOOT HEATER CAPT	INHIBITS FOOT HEATER CAPT	21-45-01	—
K 146 GND	A	ENABLES L BLEED AIR	INHIBITS L BLEED AIR	36-11-05	—
	B	ENABLES FWD ENTRY DOOR OPERATION	INHIBITS FWD ENTRY DOOR OPERATION	52-11-01	1
	C	ENABLES EQUIP COOLING FROM EXT EQUIP	INHIBITS EXT COOLING EQUIP	21-58-03	—
K 147 AIR	A	INHIBITS UTILITY BUS AUTO RESET	ENABLES UTILITY BUS AUTO RESET	24-51-07	—
	B	INHIBITS LANDING GEAR LEVER LOCK	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
	D	INHIBITS FWD ENTRY DOORS HEATERS	ENABLES FWD ENTRY DOORS HEATERS	21-45-02	—
K 148 AIR	1	PROVIDES ON GND INPUT (GND) TO BPCU	PROVIDES AIRBORNE INPUT (OPEN) TO BPCU	24-20-02	2
	4				
	7	PROVIDES ON GND INPUT (GND) TO EQUIP CLG IND	PROVIDES AIRBORNE INPUT (OPEN) TO EQUIP CLG IND	21-58-01	1
K 149 GND	11	INHIBITS HYDRAULIC GEN	ENABLES HYDRAULIC GEN	24-20-05	1
	1				
	5	PROVIDES ON GND INPUT (OPEN) TO GPWS COMP	PROVIDES AIR INPUT (GND) TO GPWS COMP	34-46-01	1
K 167 AIR	7	ENABLES R EFIS SYM GEN TEST	INHIBITS R EFIS SYM GEN TEST	33-16-01	1
	11	ENABLES L ADC FUNCT TEST	INHIBITS L ADC FUNCT TEST	34-12-01	1
	A(2-3-1)	INHIBITS APU AUTO FUEL PUMP	ENABLES APU AUTO FUEL PUMP	28-25-01	—
K 167 AIR	B(2-3-1)	ENABLES GND CREW WARNING	INHIBITS GND CREW WARNING	21-58-01	2
	D(2-3-1)	ENABLES GND IDLE	ENABLES FLT IDLE	73-21-02	2

RLY ENERG	C NC NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 170 GND	1	INHIBITS L STALL WARNING	ENABLES L STALL WARNING	27-32-02	—
	5				
	1-13-2	ENABLES EXT POWER PRIORITY OVER L GCU	INHIBITS EXT POWER PRIORITY OVER L GCU	24-20-01	1
K 177 GND	7-14-8	ENABLES L EFIS SYM GEN TEST	INHIBITS L EFIS SYM GEN TEST	33-16-01	2
	A	ENABLES VOX REC TAPE ERASURE	INHIBITS VOX REC TAPE ERASURE	23-71-01	—
	B	ENABLES ADP DEMAND	INHIBITS ADP DEMAND	29-00-05	1
K 178 GND	C	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	1
	1	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 199 AIR	5	ENABLES L VHF BITE TEST	INHIBITS L VHF BITE TEST	23-12-01	—
	7	ENABLES L AUTOBRAKE SYSTEM	INHIBITS L AUTOBRAKE SYSTEM	32-42-01	1
	11	PROVIDE GROUND MODE	PROVIDE AIR MODE	21-66-01	—
K 514 GND	A	INHIBITS L AOA PROBE (IF ENGINE IS <50%)	ENABLES L AOA PROBE HEAT	30-32-01	—
	B	INHIBITS L TAT PROBE HEAT	ENABLES L TAT PROBE HEAT	30-33-01	—
	D	INHIBITS ENGINE TT2/PT2 PROBE HT IF ENG IS OFF	ENABLES ENG TT2/PT2 PROBE HT	30-34-01	—
K 515 GND	A	ENABLES R AUX P/S L0 HT, INHIBITS R AUX P/S HI HT	ENABLES R AUX P/S HI HT, INHIBITS R AUX P/S L0 HT	30-31-01	2
	B	INHIBITS R AUX P/S AUTO IND	ENABLES R AUX P/S AUTO IND	30-31-01	2
	C	ENABLES L AUX P/S L0 HT	INHIBITS L AUX P/S HI HT	30-31-01	2
K 516 GND	D	R AUX P/S HT	R AUX P/S HT	30-31-01	2
	A	ENABLES CAPT P/S L0 HT, INHIBITS CAPT P/S HI HT	ENABLES CAPT P/S HI HT, INHIBITS CAPT P/S L0 HT	30-31-01	1
	B	INHIBITS L P/S AUTO IND	ENABLES L P/S AUTO IND	30-31-01	1
K 529 GND	C	ENABLES F/O P/S L0 HT	INHIBITS F/O P/S L0 HT	30-31-01	1
	D	CAPT P/S HT	CAPT P/S HT	30-31-01	1
	A	ENABLES APU AUTO FUEL PUMP	INHIBITS APU AUTO FUEL PUMP	28-25-01	—
K 552 GND	B	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-34-01	—
	C	ENABLES GND HANDLING RLY	INHIBITS GND HANDLING RLY	24-51-06	—
	D	PROVIDES "ON GND" INPUT TO CSEU	PROVIDES "AIRBORNE" INPUT TO CSEU	27-09-06	—
K 716 GND	A	ENABLES R ELECT HYD PUMP (T.O)	INHIBITS R ELECT HYD PUMP (T.O)	29-00-03	2
	D	ENABLES "ON GND" RT GEAR	INHIBITS RT GEAR TILT	32-09-02	1
	1	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3
K 895 GND	5	INHIBITS AUTO 1 CABIN PRESSURE	ENABLES AUTO 1 CABIN PRESSURE	21-31-01	1
	11	PROVIDES ON GND SCALING INPUT TO FQPU	PROVIDES AIRBORNE SCALING INPUT TO FQPU	28-41-01	1
	C	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-01	—
K 1043 GND	D	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-02	—
	1-13-2	DISABLES R ENG AUTO CH SEL XFR	ENABLES R AUTO CH SEL XFR	73-21-01	
	5-3-4				
K 2154 GND	7-8-14	PROVIDE GND MODE	PROVIDE AIR MODE	21-45-22	
	9-10-11	PROVIDE GND MODE	PROVIDE AIR MODE	21-66-01	
	A	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-11	
K 2155 GND	A	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-21	
	B, C, D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-01	

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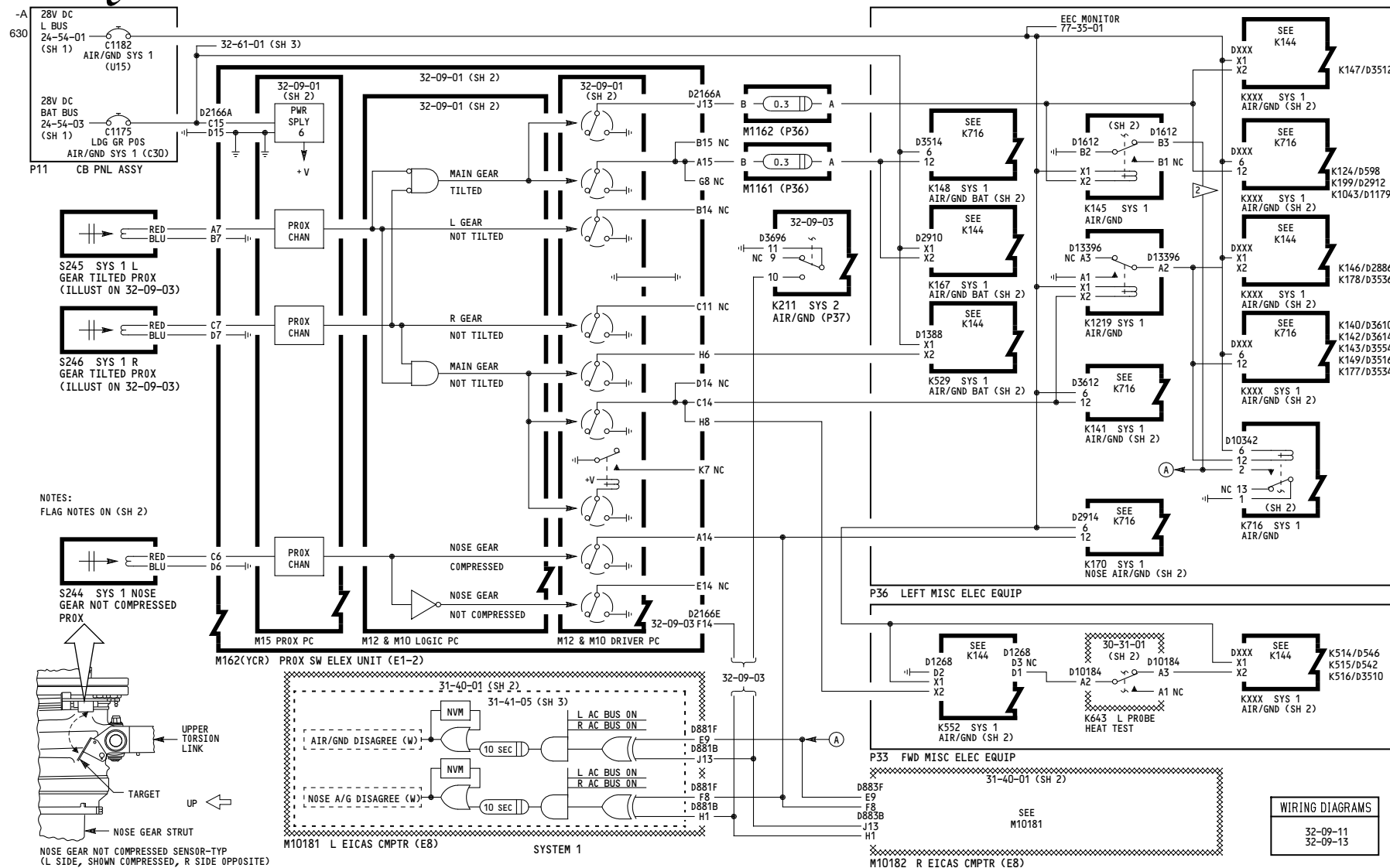
AIR/GROUND RELAYS SYSTEM 1

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 - 78-0062 R04

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RLY ENERG	C NC NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 124 AIR	1-13-2	ENABLES BLEED AIR BITE	INHIBITS BLEED AIR BITE	36-23-01	2
	5-3-4	PROVIDES ON GND (GND) INPUT TO ACARS	PROVIDES AIRBORNE (OPEN) INPUT TO ACARS	23-22-01	1
	7	INHIBITS C HYD ISOL VLVS	ENABLES C HYD ISOL VLVS	29-00-04	1
	11-9-10	INHIBITS L DME VOR, ILS, RAD ALT, ADP	ENABLES L DME VOR, ILS, RAD ALT, ADF	34-55-01	—
K 140 GND	1				
	5	INHIBITS AUTO. OPERATION OF NO.1 AIR PACK	ENABLES AUTO. OPERATION OF NO. 1 AIR PACK	21-51-01	1
	7	INHIBITS L FMC FLIGHT LEG UPDATE	ENABLES L FMC FLIGHT LEG UPDATE	34-61-02	1
	11	PROVIDES ON GND INPUT (GND) TO TMC	PROVIDES AIRBORNE INPUT (OPEN) TO TMC	22-32-01	1
K 141 GND	1	ENABLES L PAC DOOR CLOSE	INHIBITS L PAC DOOR CLOSE	21-53-02	1
	5	ENABLES GND IDLE	ENABLES FLT IDLE	73-21-02	2
	7	INHIBITS BITE STORAGE FLT DECK ZONE TEMP CONT	ENABLES BITE STORAGE FLT DECK ZONE TEMP CONT	21-60-01	1
	11				
K 142 GND	1	PROVIDES ON GND 2 INPUT (GND) TO L FCC, C FCC, & R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, & R FCC	22-14-03	—
	5			22-14-03	—
	7	PROVIDES ON GND 2 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT OPEN TO MCDP	22-41-01	—
	11			22-41-01	—
K 143 GND	1				
	5				
	7	ENABLES C EFIS SYM GEN TEST	INHIBITS C EFIS SYM GEN TEST	33-16-01	2
	11	INHIBITS L ATC SQUITTER	ENABLES L ATC SQUITTER	34-53-01	—
K 145 AIR	A(2-3-1)				
	B	PROVIDES "ON GND" INPUT TO EICAS	PROVIDES "AIRBORNE" INPUT TO EICAS	32-09-02	1
	C(2-3-1)				
	D(2-3-1)	ENABLES CAPT FOOT HEATER	INHIBITS CAPT FOOT HEATER	21-45-01	—
K 146 GND	A	ENABLES L BLEED AIR	INHIBITS L BLEED AIR	36-11-05	—
	B	ENABLES FWD ENTRY DOOR OPERATION	INHIBITS FWD ENTRY DOOR OPERATION	52-11-01	1
	C	ENABLES EQUIP COOLING FROM EXT EQUIP	INHIBITS EXT COOLING EQUIP	21-58-03	—
	D				
K 147 AIR	A	INHIBITS UTILITY BUS AUTO. RESET	ENABLES UTILITY BUS AUTO. RESET	24-51-07	—
	B	INHIBITS LANDING GEAR LEVER LOCK	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
	C	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	1
	D	INHIBITS FWD ENTRY DOORS HEATERS	ENABLES FWD ENTRY DOORS HEATERS	21-45-02	—
K 148 AIR	1	PROVIDES ON GND INPUT (GND) TO BPCU	PROVIDES AIRBORNE INPUT (OPEN) TO BPCU	24-20-02	2
	7	PROVIDES ON GND INPUT (GND) TO EQUIP COOLING IND	PROVIDES AIRBORNE INPUT (OPEN) TO EQUIP COOLING IND	21-58-01	1
	11				
K 149 GND	1	INHIBITS AUTO. 1 CABIN PRESSURIZATION	ENABLES AUTO. 1 CABIN PRESSURIZATION	21-31-01	1
	5	PROVIDES ON GND INPUT (OPEN) TO GPWS COMP	PROVIDES AIRBORNE INPUT (GND) TO GPWS COMP	34-46-01	1
	7	ENABLES R EFIS SYM GEN TEST	INHIBITS R EFIS SYM GEN TEST	33-16-01	1
	11	ENABLES L ADC FUNCT TEST	INHIBITS L ADC FUNCT TEST	34-12-01	1
K 167 AIR	A(2-3-1)	INHIBITS APU AUTO. FUEL PUMP	ENABLES APU AUTO. FUEL PUMP	28-25-01	—
	B(2-3-1)	ENABLE GND CREW WARNING	INHIBITS GND CREW WARNING	21-58-01	2
	C(2-3-1)				
	D(2-3-1)	ENABLES GND IDLE (L)	ENABLES FLT IDLE (L)	73-21-02	2

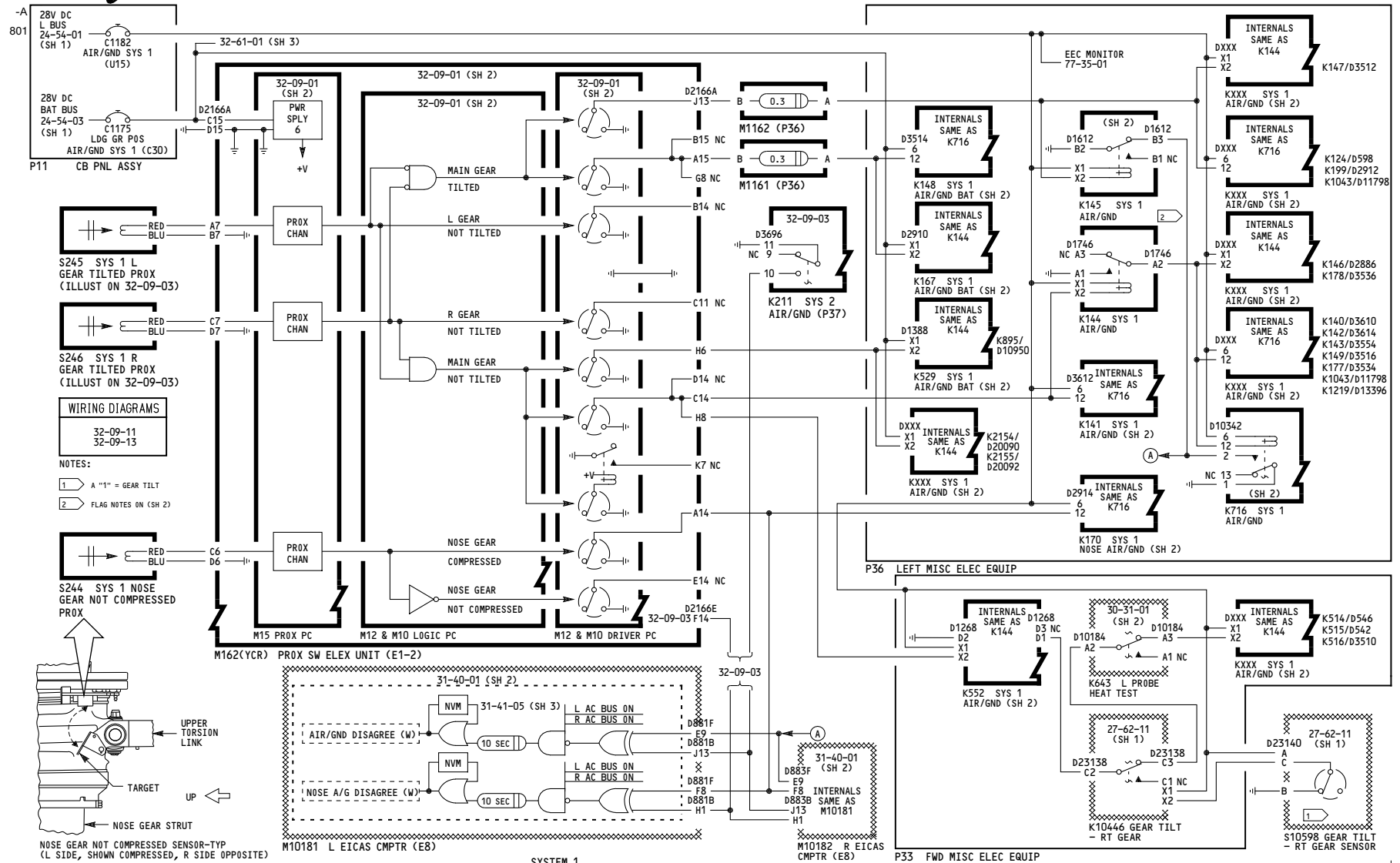
RLY ENERG	C NC NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 170 GND	1	INHIBITS L STALL WARNING	ENABLES L STALL WARNING	27-32-02	—
	5				
	7				
	11-213	PROVIDE GND MODE	PROVIDE AIR MODE	21-61-05	—
K 177 GND	1-13-2	ENABLES EXT POWER PRIORITY OVER L GCU	INHIBITS EXT POWER PRIORITY OVER L GCU	24-20-01	1
	5-3-4				
	7-14-8	ENABLES L EFIS SYM GEN TEST	INHIBITS L EFIS SYM GEN TEST	33-16-01	2
	11-9-10				
K 178 GND	A	ENABLES VOX REC TAPE ERASURE	INHIBITS VOX REC TAPE ERASURE	23-71-01	—
	B	ENABLES ADP DEMAND	INHIBITS ADP DEMAND	29-00-05	1
	C	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	1
	D				
K 199 AIR	1	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
	5				
	7	ENABLES L AUTOBRAKE SYSTEM	INHIBITS L AUTOBRAKE SYSTEM	32-42-01	1
	11	ENABLES EEC MONITOR L DATA BUS	INHIBITS EEC MONITOR L DATA BUS	77-35-01	—
K 514 GND	A	INHIBITS L AOA PROBE (IF ENGINE IS <50%)	ENABLES L AOA PROBE HEAT	30-32-01	—
	B	INHIBITS L TAT PROBE HEAT	ENABLES L TAT PROBE HEAT	30-33-01	—
	C				
	D				
K 515 GND	A	ENABLES R AUX P/S LO HT, INHIBITS R AUX P/S HI HT	ENABLES R AUX P/S HI HT, INHIBITS R AUX P/S LO HT	30-31-01	2
	B	INHIBITS R AUX P/S AUTO. IND	ENABLES R AUX P/S AUTO. IND	30-31-01	2
	C	ENABLES L AUX P/S LO HT	INHIBITS L AUX P/S HI HT	30-31-01	2
	D				
K 516 GND	A	ENABLES CAPT P/S LO HT, INHIBITS CAPT P/S HI HT	ENABLES CAPT P/S HI HT, INHIBITS CAPT P/S LO HT	30-31-01	
	B	INHIBITS L P/S AUTO. IND	ENABLES L P/S AUTO. IND	30-31-01	
	C	ENABLES F/O P/S LO HT	INHIBITS F/O P/S LO HT	30-31-01	
	D				
K 529 GND	A	ENABLES APU AUTO. FUEL PUMP	INHIBITS APU AUTO. FUEL PUMP	28-25-01	—
	B				—
	C	ENABLES GND HANDLING RLY	INHIBITS GND HANDLING RLY	24-51-06	—
	D	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 552 GND	A	ENABLES R ACMP (T/O)	INHIBITS R ACMP (T/O)	29-00-03	2
	B	ENABLES AUTO. SPEED BRAKE	INHIBITS AUTO. SPEED BRAKE	27-62-01	1
	C				
K 716 GND	1	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3
	5	INHIBITS AUTO. 1 CABIN PRESS.	ENABLES AUTO. 1 CABIN PRESS.	21-31-01	1
	7	ENABLES L T/R ISLN DETECT RLY HYDR PRESS. OR NOT	ENABLES L T/R ISLN DETECT ONLY WHEN HYDR ARE PRESS.	78-36-01	1
	11	PROVIDES ON GND SCALING INPUT TO FQPU	PROVIDES AIRBORNE SCALING INPUT TO FQPU	28-41-01	1
K 1043 AIR	1-2-13	PROVIDE GROUND MODE	PROVIDE AIR MODE	73-21-01	—
	7-8-14	PROVIDE GROUND MODE	PROVIDE AIR MODE	21-45-02	—

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- ▶ 30-0017
- ▶ 78-0051FAA

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RLY ENERG	C NC NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 124 AIR	1-13-2	ENABLES BLEED AIR BITE	INHIBITS BLEED AIR BITE	36-23-01	2
	5-3-4	PROVIDES ON GND (GND) INPUT TO ACARS	PROVIDES AIRBORNE (OPEN) INPUT TO ACARS	23-22-01	1
	7	INHIBITS C HYD ISOL VLVS	ENABLES C HYD ISOL VLVS	29-00-04	1
	11-9-10	INHIBITS L DME VOR, ILS, RAD ALT, ADP	ENABLES L DME VOR, ILS, RAD ALT, ADF	34-55-01	—
K 140 GND	1				
	5	INHIBITS AUTO OPERATION OF AIR PACK 1	ENABLES AUTO OPERATION OF AIR PACK 1	21-51-01	1
	7	INHIBITS L FMC FLIGHT LEG UPDATE	ENABLES L FMC FLIGHT LEG UPDATE	34-61-02	1
	11	PROVIDES ON GND INPUT (GND) TO TMC	PROVIDES AIRBORNE INPUT (OPEN) TO TMC	22-32-01	1
K 141 GND	1	ENABLES L PAC DOOR CLOSE	INHIBITS L PAC DOOR CLOSE	21-53-02	1
	5	ENABLES GND IDLE	ENABLES FLT IDLE	73-21-02	2
	7	INHIBITS BITE STORAGE FLT DECK ZONE TEMP CONT	ENABLES BITE STORAGE FLT DECK ZONE TEMP CONT	21-60-01	1
	11				
K 142 GND	1	PROVIDES ON GND 2 INPUT (GND) TO L FCC, C FCC, & R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, & R FCC	22-14-03	—
	5			22-14-03	—
	7	PROVIDES ON GND 2 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT OPEN TO MCDP	22-41-01	—
	11			22-41-01	—
K 143 GND	1				
	5				
	7	ENABLES C EFIS SYM GEN TEST	INHIBITS C EFIS SYM GEN TEST	33-16-01	2
	11	INHIBITS L ATC SQUITTER	ENABLES L ATC SQUITTER	34-53-01	—
K 145 AIR	A(2-3-1)				
	B	PROVIDES "ON GND" INPUT TO EICAS	PROVIDES "AIRBORNE" INPUT TO EICAS	32-09-02	1
	C(2-3-1)				
	D(2-3-1)	ENABLES CAPT FOOT HEATER	INHIBITS CAPT FOOT HEATER	21-45-01	—
K 146 GND	A	ENABLES L BLEED AIR	INHIBITS L BLEED AIR	36-11-05	—
	B	ENABLES FWD ENTRY DOOR OPERATION	INHIBITS FWD ENTRY DOOR OPERATION	52-11-01	1
	C	ENABLES EQUIP COOLING FROM EXT EQUIP	INHIBITS EXT COOLING EQUIP	21-58-03	—
	A	INHIBITS UTILITY BUS AUTO RESET	ENABLES UTILITY BUS AUTO RESET	24-51-07	—
K 147 AIR	B	INHIBITS LANDING GEAR LEVER LOCK	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
	C	ENABLES 30 BLEED CONTROL RABS SOLENOID	INHIBITS 30 BLEED CONTROL RABS SOLENOID	75-30-01	1
	D	INHIBITS FWD ENTRY DOORS HEATERS	ENABLES FWD ENTRY DOORS HEATERS	21-45-02	—
	1	PROVIDES ON GND INPUT (GND) TO BPCU	PROVIDES AIRBORNE INPUT (OPEN) TO BPCU	24-20-02	2
K 148 AIR	7	PROVIDES ON GND INPUT (GND) TO EQUIP COOLING IND	PROVIDES AIRBORNE INPUT (OPEN) TO EQUIP CLG IND	21-58-01	1
	1	INHIBITS AUTO 1 CABIN PRESSURIZATION	ENABLES AUTO 1 CABIN PRESSURIZATION	21-31-01	1
	5	PROVIDES ON GND INPUT (OPEN) TO GPWS COMP	PROVIDES AIRBORNE INPUT (GND) TO GPWS COMP	34-46-01	1
	7	ENABLES R EFIS SYM GEN TEST	INHIBITS R EFIS SYM GEN TEST	33-16-01	1
K 149 GND	11	ENABLES L ADC FUNCT TEST	INHIBITS L ADC FUNCT TEST	34-12-01	1
	A(2-3-1)	INHIBITS APU AUTO FUEL PUMP	ENABLES APU AUTO FUEL PUMP	28-25-01	—
	B(2-3-1)	ENABLE GND CREW WARNING	INHIBITS GND CREW WARNING	21-58-01	2
	D(2-3-1)	ENABLES GND IDLE (L)	ENABLES FLT IDLE (L)	73-21-02	2

RLY ENERG	C NC NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 170 GND	1	INHIBITS L STALL WARNING	ENABLES L STALL WARNING	27-32-02	—
	7-14-8	PFOVIDE GND MODE	PROVIDE AIR MODE	34-45-03	
	1-13-2	ENABLES EXT POWER PRIORITY OVER L GCU	INHIBITS EXT POWER PRIORITY OVER L GCU	24-20-01	1
	5-3-4				
K 177 GND	7-14-8	ENABLES L EFIS SYM GEN TEST	INHIBITS L EFIS SYM GEN TEST	33-16-01	2
	11-9-10	PROVIDE GND MODE	PROVIDE AIR MODE	30-81-01	2
	A	ENABLES VOX REC TAPE ERASURE	INHIBITS VOX REC TAPE ERASURE	23-71-01	—
	B	ENABLES ADP DEMAND	INHIBITS ADP DEMAND	29-00-05	1
K 178 GND	C	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	1
	D				
	1	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
	5				
K 199 AIR	7	ENABLES L AUTOBRAKE SYSTEM	INHIBITS L AUTOBRAKE SYSTEM	32-42-01	1
	11	ENABLES EEC MONITOR L DATA BUS	INHIBITS EEC MONITOR L DATA BUS	77-35-01	—
	A	INHIBITS L AOA PROBE (IF ENGINE IS <50%)	ENABLES L AOA PROBE HEAT	30-32-01	—
	B	INHIBITS L TAT PROBE HEAT	ENABLES L TAT PROBE HEAT	30-33-01	—
K 514 GND	C-D				
	A	ENABLES R AUX P/S LO HT, INHIBITS R AUX P/S HI HT	ENABLES R AUX P/S HI HT, INHIBITS R AUX P/S LO HT	30-31-01	2
	B	INHIBITS R AUX P/S AUTO IND	ENABLES R AUX P/S AUTO IND	30-31-01	2
	C	ENABLES L AUX P/S LO HT	INHIBITS L AUX P/S HI HT	30-31-01	2
K 515 GND	A	ENABLES CAPT P/S LO HT, INHIBITS CAPT P/S HI HT	ENABLES CAPT P/S HI HT, INHIBITS CAPT P/S LO HT	30-31-01	
	B	INHIBITS L P/S AUTO IND	ENABLES L P/S AUTO IND	30-31-01	
	C	ENABLES F/O P/S LO HT	INHIBITS F/O P/S LO HT	30-31-01	
	A	ENABLES APU AUTO FUEL PUMP	INHIBITS APU AUTO FUEL PUMP	28-25-01	—
K 516 GND	B	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-34-01	—
	C	ENABLES GND HANDLING RLY	INHIBITS GND HANDLING RLY	24-51-06	—
	D	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
	A	ENABLES R ACMP (T/O)	INHIBITS R ACMP (T/O)	29-00-03	2
K 529 GND	B	ENABLES AUTO SPEED BRAKE	INHIBITS AUTO SPEED BRAKE	27-62-01	1
	1	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3
	D	ENABLES "ON GND" RT GEAR	INHIBITS RT GEAR TILT	32-09-02	1
	5	INHIBITS AUTO 1 CABIN PRESS	ENABLES AUTO 1 CABIN PRESS	21-31-01	1
K 552 GND	7	ENABLES L T/R ISLN DETECT RLY HYDR PRESS OR NOT	ENABLES L T/R ISLN DETECT ONLY WHEN HYDR ARE PRESS	78-36-01	1
	11	PROVIDES ON GND SCALING INPUT TO FQPU	PROVIDES AIRBORNE SCALING INPUT TO FQPU	28-41-01	1
	C	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-01	
	D	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-02	
K 716 GND	1-2-13	PROVIDE GROUND MODE	PROVIDE AIR MODE	73-21-01	—
	7-8-14	PROVIDE GROUND MODE	PROVIDE AIR MODE	21-45-02	—
	1-213	PROVIDE GND MODE	PROVIDE AIR MODE	21-61-05	—
	A	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-11	
K 895 GND					
	A	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-21	
	B, C, D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-01	

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RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 124 AIR	1-13-2	ENABLES BLEED AIR BITE	INHIBITS BLEED AIR BITE	36-23-01	2
	5-3-4	PROVIDES ON GND (GND) INPUT TO ACARS	PROVIDES AIRBORNE (OPEN) INPUT TO ACARS	23-22-01	1
	7	INHIBITS C HYD ISOL VLVS	ENABLES C HYD ISOL VLVS	29-00-04	1
	11-9-10	INHIBITS L DME VOR, ILS, RAD ALT, ADP	ENABLES L DME VOR, ILS, RAD ALT, ADF	34-55-01	—
K 140 GND	1				
	5	INHIBITS AUTO OPERATION OF AIR PACK 1	ENABLES AUTO OPERATION OF AIR PACK 1	21-51-01	1
	7	INHIBITS L FMC FLIGHT LEG UPDATE	ENABLES L FMC FLIGHT LEG UPDATE	34-61-02	1
	11	PROVIDES ON GND INPUT (GND) TO TMC	PROVIDES AIRBORNE INPUT (OPEN) TO TMC	22-32-01	1
K 141 GND	1	ENABLES L PAC DOOR CLOSE	INHIBITS L PAC DOOR CLOSE	21-53-02	1
	5	ENABLES GND IDLE	ENABLES FLT IDLE	73-21-02	2
	7	INHIBITS BITE STORAGE FLT DECK ZONE TEMP CONT	ENABLES BITE STORAGE FLT DECK ZONE TEMP CONT	21-60-01	1
	11				
K 142 GND	1	PROVIDES ON GND 2 INPUT (GND) TO L FCC, C FCC, & R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, & R FCC	22-14-03	—
	5			22-14-03	—
	7	PROVIDES ON GND 2 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT OPEN TO MCDP	22-41-01	—
	11			22-41-01	—
K 143 GND	1				
	5				
	7	ENABLES C EFIS SYM GEN TEST	INHIBITS C EFIS SYM GEN TEST	33-16-01	2
	11	INHIBITS L ATC SQUITTER	ENABLES L ATC SQUITTER	34-53-01	—
K 145 AIR	A(2-3-1)				
	B	PROVIDES "ON GND" INPUT TO EICAS	PROVIDES "AIRBORNE" INPUT TO EICAS	32-09-02	1
	C(2-3-1)				
	D(2-3-1)	ENABLES CAPT FOOT HEATER	INHIBITS CAPT FOOT HEATER	21-45-01	—
K 146 GND	A	ENABLES L BLEED AIR	INHIBITS L BLEED AIR	36-11-05	—
	B	ENABLES FWD ENTRY DOOR OPERATION	INHIBITS FWD ENTRY DOOR OPERATION	52-11-01	1
	C	ENABLES EQUIP COOLING FROM EXT EQUIP	INHIBITS EXT COOLING EQUIP	21-58-03	—
	D	INHIBITS UTILITY BUS AUTO RESET	ENABLES UTILITY BUS AUTO RESET	24-51-07	—
K 147 AIR	A	INHIBITS LANDING GEAR LEVER LOCK	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
	B	ENABLES 30 BLEED CONTROL RABS SOLENOID	INHIBITS 30 BLEED CONTROL RABS SOLENOID	75-30-01	1
	C	ENABLES 30 BLEED CONTROL RABS SOLENOID	INHIBITS 30 BLEED CONTROL RABS SOLENOID	75-30-01	1
	D	INHIBITS FWD ENTRY DOORS HEATERS	ENABLES FWD ENTRY DOORS HEATERS	21-45-02	—
K 148 AIR	1	PROVIDES ON GND INPUT (GND) TO BPCU	PROVIDES AIRBORNE INPUT (OPEN) TO BPCU	24-20-02	2
	7	PROVIDES ON GND INPUT (GND) TO EQUIP COOLING IND	PROVIDES AIRBORNE INPUT (OPEN) TO EQUIP CLG IND	21-58-01	1
	1	INHIBITS AUTO 1 CABIN PRESSURIZATION	ENABLES AUTO 1 CABIN PRESSURIZATION	21-31-01	1
	5	PROVIDES ON GND INPUT (OPEN) TO GPWS COMP	PROVIDES AIRBORNE INPUT (GND) TO GPWS COMP	34-46-01	1
K 149 GND	7	ENABLES R EFIS SYM GEN TEST	INHIBITS R EFIS SYM GEN TEST	33-16-01	1
	11	ENABLES L ADC FUNCT TEST	INHIBITS L ADC FUNCT TEST	34-12-01	1
	A(2-3-1)	INHIBITS APU AUTO FUEL PUMP	ENABLES APU AUTO FUEL PUMP	28-25-01	—
	B(2-3-1)	ENABLE GND CREW WARNING	INHIBITS GND CREW WARNING	21-58-01	2
K 167 AIR	D(2-3-1)	ENABLES GND IDLE (L)	ENABLES FLT IDLE (L)	73-21-02	2

RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 170 GND	1	INHIBITS L STALL WARNING	ENABLES L STALL WARNING	27-32-02	—
	5-7				
K 177 GND	1-13-2	ENABLES EXT POWER PRIORITY OVER L GCU	INHIBITS EXT POWER PRIORITY OVER L GCU	24-20-01	1
	5-3-4				
	7-14-8	ENABLES L EFIS SYM GEN TEST	INHIBITS L EFIS SYM GEN TEST	33-16-01	2
	11-9-10	PROVIDE GND MODE	PROVIDE AIR MODE	30-81-01	2
K 178 GND	A	ENABLES VOX REC TAPE ERASURE	INHIBITS VOX REC TAPE ERASURE	23-71-01	—
	B	ENABLES ADP DEMAND	INHIBITS ADP DEMAND	29-00-05	1
	C	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	1
	D				
	1	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 199 AIR	5				
	7	ENABLES L AUTOBRAKE SYSTEM	INHIBITS L AUTOBRAKE SYSTEM	32-42-01	1
	11	ENABLES EEC MONITOR L DATA BUS	INHIBITS EEC MONITOR L DATA BUS	77-35-01	—
K 514 GND	A	INHIBITS L AOA PROBE (IF ENGINE IS <50%)	ENABLES L AOA PROBE HEAT	30-32-01	—
	B	INHIBITS L TAT PROBE HEAT	ENABLES L TAT PROBE HEAT	30-33-01	—
	C-D				
K 515 GND	A	ENABLES R AUX P/S LO HT, INHIBITS R AUX P/S HI HT	ENABLES R AUX P/S HI HT, INHIBITS R AUX P/S LO HT	30-31-01	2
	B	INHIBITS R AUX P/S AUTO IND	ENABLES R AUX P/S AUTO IND	30-31-01	2
	C	ENABLES L AUX P/S LO HT	INHIBITS L AUX P/S HI HT	30-31-01	2
K 516 GND	A	ENABLES CAPT P/S LO HT, INHIBITS CAPT P/S HI HT	ENABLES CAPT P/S HI HT, INHIBITS CAPT P/S LO HT	30-31-01	
	B	INHIBITS L P/S AUTO IND	ENABLES L P/S AUTO IND	30-31-01	
	C	ENABLES F/O P/S LO HT	INHIBITS F/O P/S LO HT	30-31-01	
K 529 GND	A	ENABLES APU AUTO FUEL PUMP	INHIBITS APU AUTO FUEL PUMP	28-25-01	—
	B	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-34-01	—
	C	ENABLES GND HANDLING RLY	INHIBITS GND HANDLING RLY	24-51-06	—
	D	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 552 GND	A	ENABLES R ACMP (T/O)	INHIBITS R ACMP (T/O)	29-00-03	2
	B	ENABLES AUTO SPEED BRAKE	INHIBITS AUTO SPEED BRAKE	27-62-01	
	1	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3
	D	ENABLES "ON GND" RT GEAR	INHIBITS RT GEAR TILT	32-09-02	1
K 716 GND	5	INHIBITS AUTO 1 CABIN PRESS	ENABLES AUTO 1 CABIN PRESS	21-31-01	1
	7	ENABLES L T/R ISLN DETECT RLY HYDR PRESS OR NOT	ENABLES L T/R ISLN DETECT ONLY WHEN HYDR ARE PRESS	78-36-01	1
	11	PROVIDES ON GND SCALING INPUT TO FQPU	PROVIDES AIRBORNE SCALING INPUT TO FQPU	28-41-01	1
K 895 GND	C	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-01	
	D	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-02	
K 1043 AIR	1-2-13	PROVIDE GROUND MODE	PROVIDE AIR MODE	73-21-01	—
	7-8-14	PROVIDE GROUND MODE	PROVIDE AIR MODE	21-45-03	—
K1219	1-213	PROVIDE GND MODE	PROVIDE AIR MODE	21-61-05	—
K 2154 GND	A	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-11	
K 2155 GND	A	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-21	
	B, C, D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-01	

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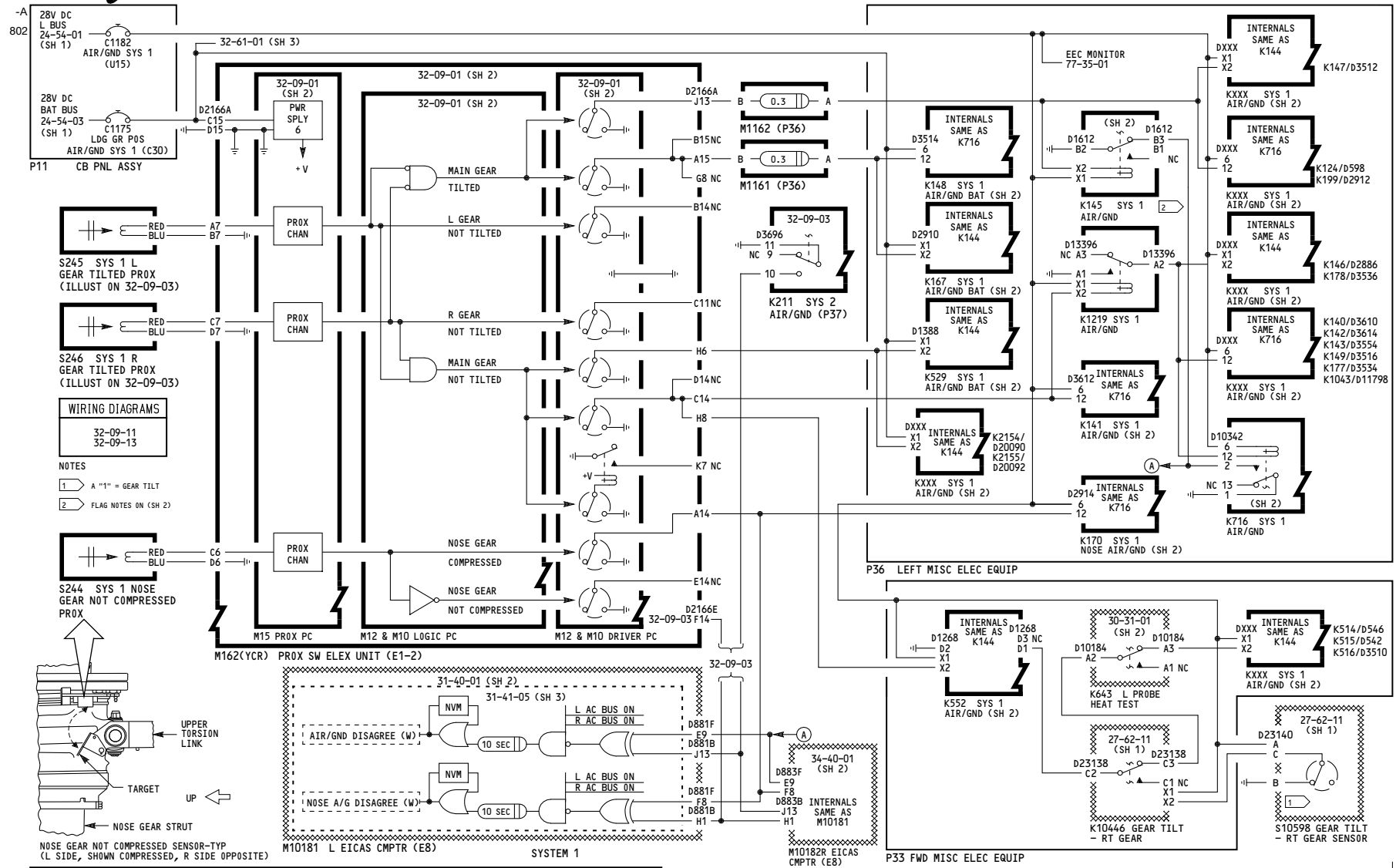
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RLY ENERG	C NC NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 124 AIR	1-13-2	ENABLES BLEED AIR BITE	INHIBITS BLEED AIR BITE	36-23-01	2
	5-3-4	PROVIDES ON GND (GND) INPUT TO ACARS	PROVIDES AIRBORNE (OPEN) INPUT TO ACARS	23-22-01	1
	7	INHIBITS C HYD ISOL VLVS	ENABLES C HYD ISOL VLVS	29-00-04	1
	11-9-10	INHIBITS L DME VOR, ILS, RAD ALT, ADP	ENABLES L DME VOR, ILS, RAD ALT, ADF	34-55-01	—
K 140 GND	1				
	5	INHIBITS AUTO OPERATION OF AIR PACK 1	ENABLES AUTO OPERATION OF AIR PACK 1	21-51-01	1
	7	INHIBITS L FMC FLIGHT LEG UPDATE	ENABLES L FMC FLIGHT LEG UPDATE	34-61-02	1
	11	PROVIDES ON GND INPUT (GND) TO TMC	PROVIDES AIRBORNE INPUT (OPEN) TO TMC	22-32-01	1
K 141 GND	1	ENABLES L PAC DOOR CLOSE	INHIBITS L PAC DOOR CLOSE	21-53-02	1
	5	ENABLES GND IDLE	ENABLES FLT IDLE	73-21-02	2
	7	INHIBITS BITE STORAGE FLT DECK ZONE TEMP CONT	ENABLES BITE STORAGE FLT DECK ZONE TEMP CONT	21-60-01	1
	11				
K 142 GND	1	PROVIDES ON GND 2 INPUT (GND) TO L FCC, C FCC, & R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, & R FCC	22-14-03	—
	5			22-14-03	—
	7	PROVIDES ON GND 2 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT OPEN TO MCDP	22-41-01	—
	11			22-41-01	—
K 143 GND	1				
	5				
	7	ENABLES C EFIS SYM GEN TEST	INHIBITS C EFIS SYM GEN TEST	33-16-01	2
	11	INHIBITS L ATC SQUITTER	ENABLES L ATC SQUITTER	34-53-01	—
K 145 AIR	A(2-3-1)				
	B	PROVIDES "ON GND" INPUT TO EICAS	PROVIDES "AIRBORNE" INPUT TO EICAS	32-09-02	1
	C(2-3-1)				
	D(2-3-1)	ENABLES CAPT FOOT HEATER	INHIBITS CAPT FOOT HEATER	21-45-01	—
K 146 GND	A	ENABLES L BLEED AIR	INHIBITS L BLEED AIR	36-11-05	—
	B	ENABLES FWD ENTRY DOOR OPERATION	INHIBITS FWD ENTRY DOOR OPERATION	52-11-01	1
	C	ENABLES EQUIP COOLING FROM EXT EQUIP	INHIBITS EXT COOLING EQUIP	21-58-03	—
	A	INHIBITS UTILITY BUS AUTO RESET	ENABLES UTILITY BUS AUTO RESET	24-51-07	—
K 147 AIR	B	INHIBITS LANDING GEAR LEVER LOCK	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
	C	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	1
	D	INHIBITS FWD ENTRY DOORS HEATERS	ENABLES FWD ENTRY DOORS HEATERS	21-45-02	—
	1	PROVIDES ON GND INPUT (GND) TO BPCU	PROVIDES AIRBORNE INPUT (OPEN) TO BPCU	24-20-02	2
K 148 AIR	7	PROVIDES ON GND INPUT (GND) TO EQUIP COOLING IND	PROVIDES AIRBORNE INPUT (OPEN) TO EQUIP CLG IND	21-58-01	1
	1	INHIBITS AUTO 1 CABIN PRESSURIZATION	ENABLES AUTO 1 CABIN PRESSURIZATION	21-31-01	1
	5	PROVIDES ON GND INPUT (OPEN) TO GPWS COMP	PROVIDES AIRBORNE INPUT (GND) TO GPWS COMP	34-46-01	1
	7	ENABLES R EFIS SYM GEN TEST	INHIBITS R EFIS SYM GEN TEST	33-16-01	1
K 149 GND	11	ENABLES L ADC FUNCT TEST	INHIBITS L ADC FUNCT TEST	34-12-01	1
	A(2-3-1)	INHIBITS APU AUTO FUEL PUMP	ENABLES APU AUTO FUEL PUMP	28-25-01	—
	B(2-3-1)	ENABLE GND CREW WARNING	INHIBITS GND CREW WARNING	21-58-01	2
	C(2-3-1)	PROVIDE GND MODE	PROVIDE AIR MODE	28-31-12	—
K 167 AIR	D(2-3-1)	ENABLES GND IDLE (L)	ENABLES FLT IDLE (L)	73-21-02	2

RLY ENERG	C NC NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 170 GND	1	INHIBITS L STALL WARNING	ENABLES L STALL WARNING	27-32-02	—
	5				
	7				
	1-13-2	ENABLES EXT POWER PRIORITY OVER L GCU	INHIBITS EXT POWER PRIORITY OVER L GCU	24-20-01	1
K 177 GND	5-3-4				
	7-14-8	ENABLES L EFIS SYM GEN TEST	INHIBITS L EFIS SYM GEN TEST	33-16-01	2
	11-9-10	PROVIDE GROUND MODE	PROVIDE AIR MODE	30-81-01	—
	A	ENABLES VOX REC TAPE ERASURE	INHIBITS VOX REC TAPE ERASURE	23-71-01	—
K 178 GND	B	ENABLES ADP DEMAND	INHIBITS ADP DEMAND	29-00-05	1
	C	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	1
	1	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
	5				
K 199 AIR	7	ENABLES L AUTOBRAKE SYSTEM	INHIBITS L AUTOBRAKE SYSTEM	32-42-01	1
	11	ENABLES EEC MONITOR L DATA BUS	INHIBITS EEC MONITOR L DATA BUS	77-35-01	—
	A	INHIBITS L AOA PROBE (IF ENGINE IS <50%)	ENABLES L AOA PROBE HEAT	30-32-01	—
	B	INHIBITS L TAT PROBE HEAT	ENABLES L TAT PROBE HEAT	30-33-01	—
K 514 GND	C				
	A	ENABLES R AUX P/S LO HT, INHIBITS R AUX P/S HI HT	ENABLES R AUX P/S HI HT, INHIBITS R AUX P/S LO HT	30-31-01	2
	B	INHIBITS R AUX P/S AUTO IND	ENABLES R AUX P/S AUTO IND	30-31-01	2
	C	ENABLES L AUX P/S LO HT	INHIBITS L AUX P/S HI HT	30-31-01	2
K 515 GND	A	ENABLES CAPT P/S LO HT, INHIBITS CAPT P/S HI HT	ENABLES CAPT P/S HI HT, INHIBITS CAPT P/S LO HT	30-31-01	
	B	INHIBITS L P/S AUTO IND	ENABLES L P/S AUTO IND	30-31-01	
	C	ENABLES F/O P/S LO HT	INHIBITS F/O P/S LO HT	30-31-01	
	A	ENABLES APU AUTO FUEL PUMP	INHIBITS APU AUTO FUEL PUMP	28-25-01	—
K 516 GND	B	ENABLES LEFT ENGINE T/R OPERATION	INHIBITS LEFT ENGINE T/R OPERATION	78-34-01	—
	C	ENABLES GND HANDLING RLY	INHIBITS GND HANDLING RLY	24-51-06	—
	D	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
	A	ENABLES R ACMP (T/O)	INHIBITS R ACMP (T/O)	29-00-03	2
K 529 GND	B	ENABLES AUTO SPEED BRAKE	INHIBITS AUTO SPEED BRAKE	27-62-01	1
	D	ENABLES "ON GND" RT GEAR	INHIBITS RT GEAR TILT	32-09-02	1
	1	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3
	5	INHIBITS AUTO 1 CABIN PRESS	ENABLES AUTO 1 CABIN PRESS	21-31-01	1
K 552 GND	7	ENABLES L T/R ISLN DETECT RLY HYDR PRESS OR NOT	ENABLES L T/R ISLN DETECT ONLY WHEN HYDR ARE PRESS	78-36-01	1
	11	PROVIDES ON GND SCALING INPUT TO FQPU	PROVIDES AIRBORNE SCALING INPUT TO FQPU	28-41-01	1
	C	ENABLES LEFT ENGINE T/R OPERATION	INHIBITS LEFT ENGINE T/R OPERATION	78-36-01	
	D	ENABLES RIGHT ENGINE T/R OPERATION	INHIBITS RIGHT ENGINE T/R OPERATION	78-34-02	
K 716 GND	1-2-13	PROVIDE GND MODE	PROVIDE AIR MODE	73-21-01	—
	7-8-14	PROVIDE GND MODE	PROVIDE AIR MODE	21-45-02	—
	1-213	PROVIDE GND MODE	PROVIDE AIR MODE	21-61-05	—
	A	ENABLES LEFT ENGINE ON T/R OPERATION	INHIBITS LEFT ENGINE ON T/R OPERATION	78-36-11	
K 895 GND					
	A	ENABLES RIGHT ENGINE ON T/R OPERATION	INHIBITS RIGHT ENGINE ON T/R OPERATION	78-34-21	
	B, C, D	ENABLES LEFT ENGINE T/R OPERATION	INHIBITS LEFT ENGINE T/R OPERATION	78-36-01	—

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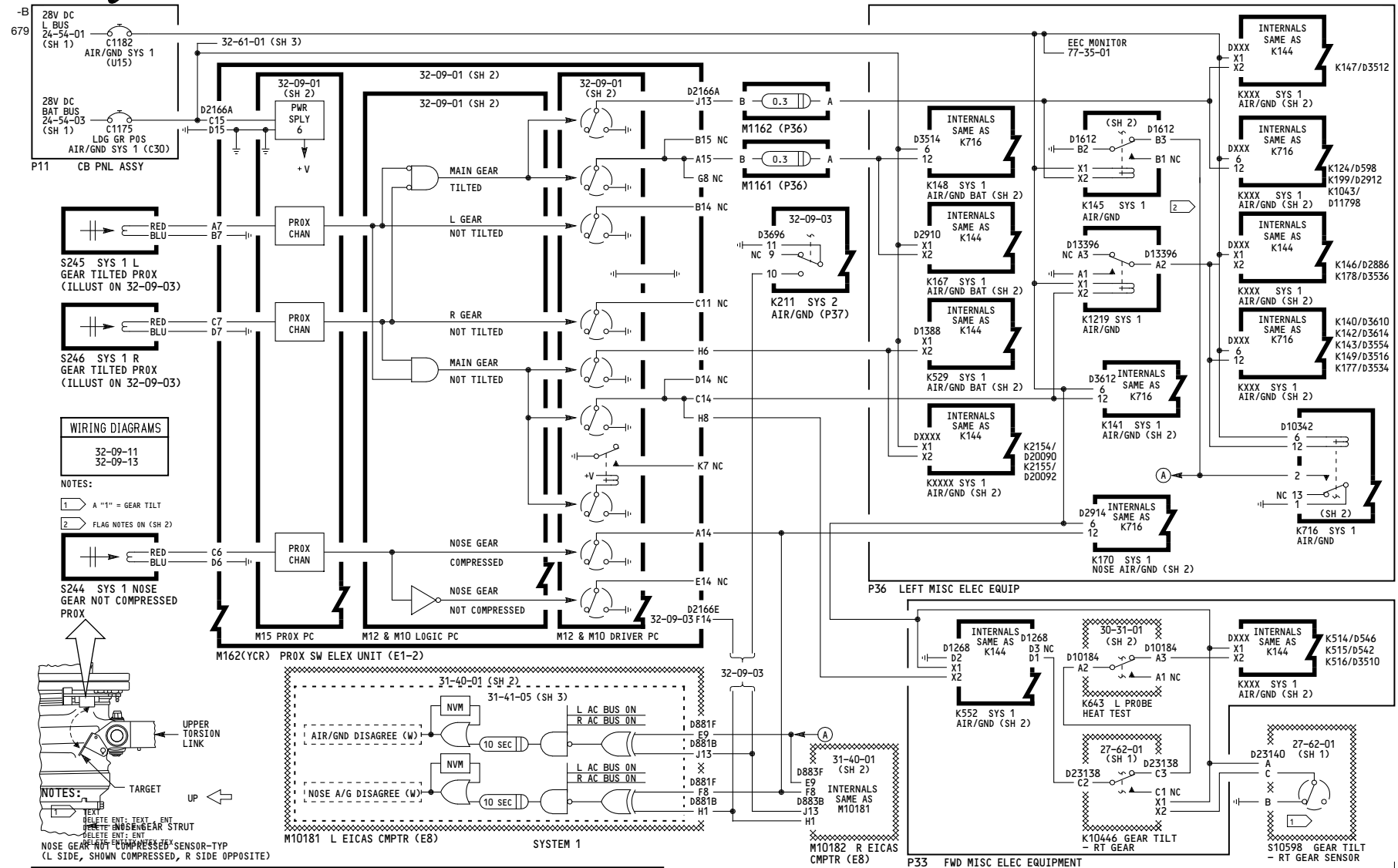
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-A 796	RLY ENERG	C NC NO	NORMAL SYSTEM FUNCTION		REF	SH
			ON GROUND	IN AIR		
K 124 AIR	170 GND	1-13-2	ENABLES BLEED AIR BITE	INHIBITS BLEED AIR BITE	36-23-01	2
		5-3-4	PROVIDES ON GND (GND) INPUT TO ACARS	PROVIDES AIRBORNE (OPEN) INPUT TO ACARS	23-22-01	1
		7	INHIBITS C HYD ISOL VLVS	ENABLES C HYD ISOL VLVS	29-00-04	1
		11-9-10	INHIBITS L DME VOR, ILS, RAD ALT, ADP	ENABLES L DME VOR, ILS, RAD ALT, ADF	34-55-01	—
K 140 GND	177 GND	1				
		5	INHIBITS AUTO OPERATION OF AIR PACK 1	ENABLES AUTO OPERATION OF AIR PACK 1	21-51-01	1
		7	INHIBITS L FMC FLIGHT LEG UPDATE	ENABLES L FMC FLIGHT LEG UPDATE	34-61-02	1
		11	PROVIDES ON GND INPUT (GND) TO TMC	PROVIDES AIRBORNE INPUT (OPEN) TO TMC	22-32-01	1
K 141 GND	178 GND	1	ENABLES L PAC DOOR CLOSE	INHIBITS L PAC DOOR CLOSE	21-53-02	1
		5	ENABLES GND IDLE	ENABLES FLT IDLE	73-21-02	2
		7	INHIBITS BITE STORAGE FLT DECK ZONE TEMP CONT	ENABLES BITE STORAGE FLT DECK ZONE TEMP CONT	21-60-01	1
		11				
K 142 GND	199 AIR	1	PROVIDES ON GND 2 INPUT (GND) TO L FCC, C FCC, & R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, & R FCC	22-14-03	—
		5			22-14-03	—
		7	PROVIDES ON GND 2 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT OPEN TO MCDP	22-41-01	—
		11			22-41-01	—
K 143 GND	515 GND	1-5				
		7	ENABLES C EFIS SYM GEN TEST	INHIBITS C EFIS SYM GEN TEST	33-16-01	2
		11	INHIBITS L ATC SQUITTER	ENABLES L ATC SQUITTER	34-53-01	—
K 145 AIR	516 GND	A(2-3-1)				
		B	PROVIDES "ON GND" INPUT TO EICAS	PROVIDES "AIRBORNE" INPUT TO EICAS	32-09-02	1
		C(2-3-1)				
K 146 GND	529 GND	D(2-3-1)	ENABLES CAPT FOOT HEATER	INHIBITS CAPT FOOT HEATER	21-45-01	—
		A	ENABLES L BLEED AIR	INHIBITS L BLEED AIR	36-11-05	—
		B	ENABLES FWD ENTRY DOOR OPERATION	INHIBITS FWD ENTRY DOOR OPERATION	52-11-01	1
K 147 AIR	552 GND	C	ENABLES EQUIP COOLING FROM EXT EQUIP	INHIBITS EXT COOLING EQUIP	21-58-03	—
		A	INHIBITS UTILITY BUS AUTO RESET	ENABLES UTILITY BUS AUTO RESET	24-51-07	—
		B	INHIBITS LANDING GEAR LEVER LOCK	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
		C	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	1
K 148 AIR	716 GND	D	INHIBITS FWD ENTRY DOORS HEATERS	ENABLES FWD ENTRY DOORS HEATERS	21-45-02	—
		1	PROVIDES ON GND INPUT (GND) TO BPCU	PROVIDES AIRBORNE INPUT (OPEN) TO BPCU	24-20-02	2
		7	PROVIDES ON GND INPUT (GND) TO EQUIP COOLING IND	PROVIDES AIRBORNE INPUT (OPEN) TO EQUIP COOLING IND	21-58-01	1
K 149 GND	895 GND	11				
		1	INHIBITS AUTO 1 CABIN PRESSURIZATION	ENABLES AUTO 1 CABIN PRESSURIZATION	21-31-01	1
		5	PROVIDES ON GND INPUT (OPEN) TO GPWS COMP	PROVIDES AIRBORNE INPUT (GND) TO GPWS COMP	34-46-01	1
		7	ENABLES R EFIS SYM GEN TEST	INHIBITS R EFIS SYM GEN TEST	33-16-01	1
K 167 AIR	1043	11	ENABLES L ADC FUNCT TEST	INHIBITS L ADC FUNCT TEST	34-12-01	1
		A(2-3-1)	INHIBITS APU AUTO FUEL PUMP	ENABLES APU AUTO FUEL PUMP	28-25-01	—
		B(2-3-1)	ENABLE GND CREW WARNING	INHIBITS GND CREW WARNING	21-58-01	2
		C(2-3-1)	PROVIDE GND MODE	PROVIDE AIR MODE	28-31-12	—
		D(2-3-1)	ENABLES GND IDLE (L)	ENABLES FLT IDLE (L)	73-21-02	2

RLY ENERG	C NC NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 170 GND	1	INHIBITS L STALL WARNING	ENABLES L STALL WARNING	27-32-02	—
	5-7				—
K 177 GND	1-13-2	ENABLES EXT POWER PRIORITY OVER L GCU	INHIBITS EXT POWER PRIORITY OVER L GCU	24-20-01	1
	5-3-4				
	7-14-8	ENABLES L EFIS SYM GEN TEST	INHIBITS L EFIS SYM GEN TEST	33-16-01	2
	11-9-10	PROVIDE GROUND MODE	PROVIDE AIR MODE	30-81-01	—
K 178 GND	A	ENABLES VOX REC TAPE ERASURE	INHIBITS VOX REC TAPE ERASURE	23-71-01	—
	B	ENABLES ADP DEMAND	INHIBITS ADP DEMAND	29-00-05	1
	C	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	1
K 199 AIR	1	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
	7	ENABLES L AUTOBRAKE SYSTEM	INHIBITS L AUTOBRAKE SYSTEM	32-42-01	1
	11	ENABLES EEC MONITOR L DATA BUS	INHIBITS EEC MONITOR L DATA BUS	77-35-01	—
K 514 GND	A	INHIBITS L AOA PROBE (IF ENGINE IS <50%)	ENABLES L AOA PROBE HEAT	30-32-01	—
	B	INHIBITS L TAT PROBE HEAT	ENABLES L TAT PROBE HEAT	30-33-01	—
	C-D				
K 515 GND	A	ENABLES R AUX P/S LO HT, INHIBITS R AUX P/S HI HT	ENABLES R AUX P/S HI HT, INHIBITS R AUX P/S LO HT	30-31-01	2
	B	INHIBITS R AUX P/S AUTO IND	ENABLES R AUX P/S AUTO IND	30-31-01	2
	C	ENABLES L AUX P/S LO HT	INHIBITS L AUX P/S HI HT	30-31-01	2
K 516 GND	A	ENABLES CAPT P/S LO HT, INHIBITS CAPT P/S HI HT	ENABLES CAPT P/S HI HT, INHIBITS CAPT P/S LO HT	30-31-01	—
	B	INHIBITS L P/S AUTO IND	ENABLES L P/S AUTO IND	30-31-01	—
	C	ENABLES F/O P/S LO HT	INHIBITS F/O P/S LO HT	30-31-01	—
K 529 GND	A	ENABLES APU AUTO FUEL PUMP	INHIBITS APU AUTO FUEL PUMP	28-25-01	—
	B	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-34-01	—
	C	ENABLES GND HANDLING RLY	INHIBITS GND HANDLING RLY	24-51-06	—
	D	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 552 GND	A	ENABLES R ACMP (T/O)	INHIBITS R ACMP (T/O)	29-00-03	2
	D	ENABLES "ON GND" RT GEAR	INHIBITS RT GEAR TILT	32-09-02	1
	B	ENABLES AUTO SPEED BRAKE	INHIBITS AUTO SPEED BRAKE	27-62-01	1
K 716 GND	1	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3
	5	INHIBITS AUTO 1 CABIN PRESSURE	ENABLES AUTO 1 CABIN PRESSURE	21-31-01	1
	7	ENABLES L T/R ISLN DETECT RLY HYDR PRESS OR NOT	ENABLES L T/R ISLN DETECT ONLY WHEN HYDR ARE PRESS	78-36-01	1
	11	PROVIDES ON GND SCALING INPUT TO FQPU	PROVIDES AIRBORNE SCALING INPUT TO FQPU	28-41-01	1
K 895 GND	C	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-01	—
	D	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-02	—
K 1043	1-2-13	PROVIDE GND MODE	PROVIDE AIR MODE	73-21-01	—
	7-8-14	PROVIDE GND MODE	PROVIDE AIR MODE	21-45-02	—
K1219	1-2-13	PROVIDE GND MODE	PROVIDE AIR MODE	21-61-05	—
K 2154 GND	A	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-11	—
	A	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-21	—
K 2155 GND	B,C,D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-01	—

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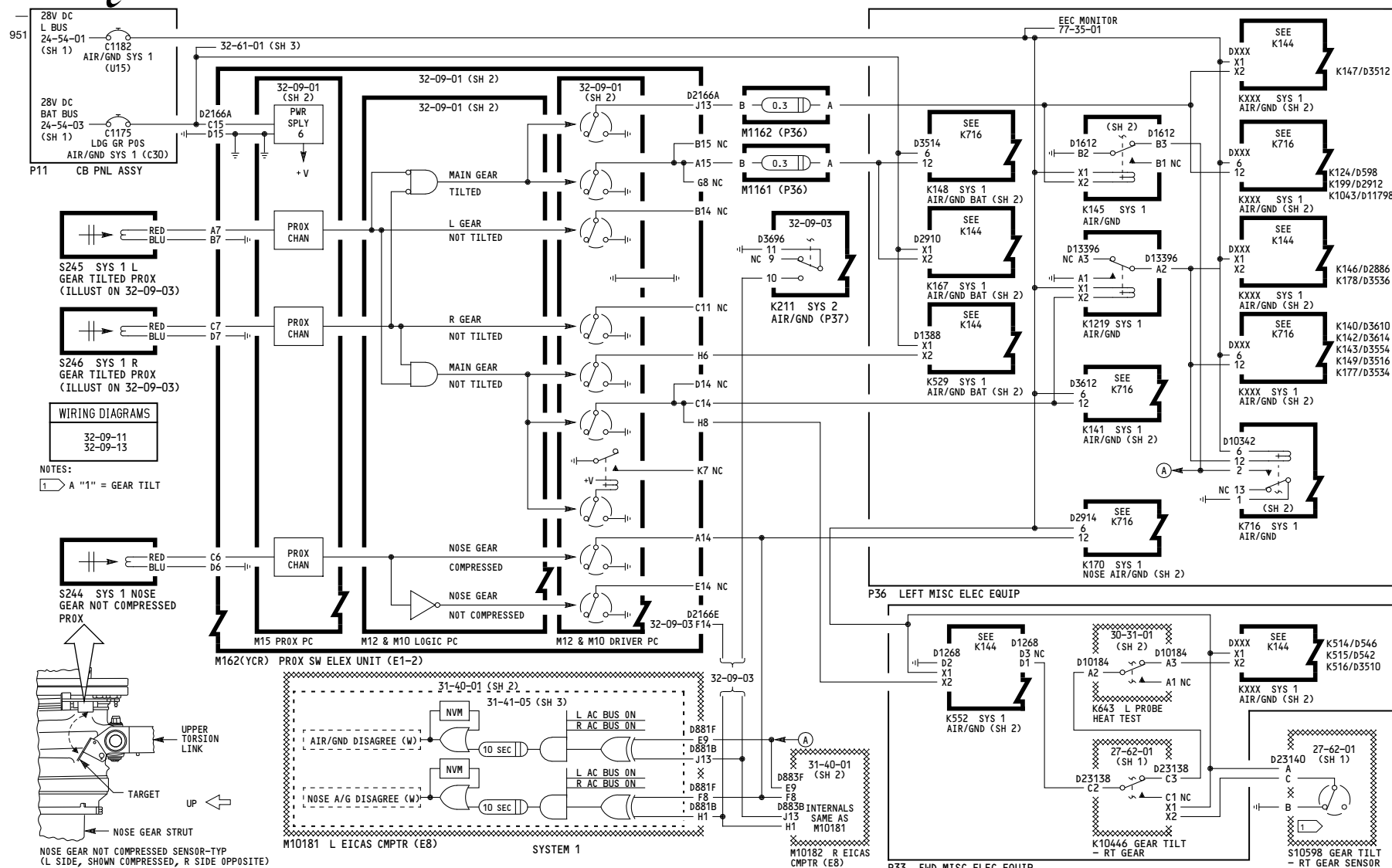
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-A 641	RLY ENERG	C NC NO	NORMAL SYSTEM FUNCTION		REF	SH
			ON GROUND	IN AIR		
K 124 AIR	1-13-2	ENABLES BLEED AIR BITE	INHIBITS BLEED AIR BITE	36-23-01	2	
		5-3-4	PROVIDES ON GND (GND) INPUT TO ACARS	PROVIDES AIRBORNE (OPEN) INPUT TO ACARS	23-22-01	1
		7	INHIBITS C HYD ISOL VLVS	ENABLES C HYD ISOL VLVS	29-00-04	1
		11-9-10	INHIBITS L DME VOR, ILS, RAD ALT, ADP	ENABLES L DME VOR, ILS, RAD ALT, ADF	34-55-01	—
K 140 GND	1					
		5	INHIBITS AUTO OPERATION OF AIR PACK 1	ENABLES AUTO OPERATION OF AIR PACK 1	21-51-01	1
		7	INHIBITS L FMC FLIGHT LEG UPDATE	ENABLES L FMC FLIGHT LEG UPDATE	34-61-02	1
		11	PROVIDES ON GND INPUT (GND) TO TMC	PROVIDES AIRBORNE INPUT (OPEN) TO TMC	22-32-01	1
K 141 GND	1	ENABLES L PAC DOOR CLOSE	INHIBITS L PAC DOOR CLOSE	21-53-02	1	
		5	ENABLES GND IDLE	ENABLES FLT IDLE	73-21-02	2
		7	INHIBITS BITE STORAGE FLT DECK ZONE TEMP CONT	ENABLES BITE STORAGE FLT DECK ZONE TEMP CONT	21-60-01	1
		11				
K 142 GND	1	5	PROVIDES ON GND 2 INPUT (GND) TO L FCC, C FCC, & R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, & R FCC	22-14-03	—
					22-14-03	—
		7	PROVIDES ON GND 2 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT OPEN TO MCDP	22-41-01	—
					22-41-01	—
K 143 GND	5-4	ENABLES STRUT OVERHEAT TEST	INHIBITS STRUT OVERHEAT TEST	26-18-01		
		7	ENABLES C EFIS SYM GEN TEST	INHIBITS C EFIS SYM GEN TEST	33-16-01	2
		11	INHIBITS L ATC SQUITTER	ENABLES L ATC SQUITTER	34-53-01	—
K 145 AIR	A(2-3-1)	B	PROVIDES "ON GND" INPUT TO EICAS	PROVIDES "AIRBORNE" INPUT TO EICAS	32-09-02	1
		C(2-3-1)				
		D(2-3-1)	ENABLES CAPT FOOT HEATER	INHIBITS CAPT FOOT HEATER	21-45-01	—
K 146 GND	A	ENABLES L BLEED AIR	INHIBITS L BLEED AIR	36-11-05	—	
		B	ENABLES FWD ENTRY DOOR OPERATION	INHIBITS FWD ENTRY DOOR OPERATION	52-11-01	1
		C	ENABLES EQUIP COOLING FROM EXT EQUIP	INHIBITS EXT COOLING EQUIP	21-58-03	—
		D				
K 147 AIR	A	INHIBITS UTILITY BUS AUTO RESET	ENABLES UTILITY BUS AUTO RESET	24-51-07	—	
		B	INHIBITS LANDING GEAR LEVER LOCK	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
		C	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	1
		D	INHIBITS FWD ENTRY DOORS HEATERS	ENABLES FWD ENTRY DOORS HEATERS	21-45-02	—
K 148 AIR	1	PROVIDES ON GND INPUT (GND) TO BPCU	PROVIDES AIRBORNE INPUT (OPEN) TO BPCU	24-20-02	2	
		7	PROVIDES ON GND INPUT (GND) TO EQUIP COOLING IND	PROVIDES AIRBORNE INPUT (OPEN) TO EQUIP COOLING IND	21-58-01	1
		11				
K 149 GND	1	INHIBITS AUTO 1 CABIN PRESSURIZATION	ENABLES AUTO 1 CABIN PRESSURIZATION	21-31-01	1	
		5	PROVIDES ON GND INPUT (OPEN) TO GPWS COMP	PROVIDES AIRBORNE INPUT (GND) TO GPWS COMP	34-46-01	1
		7	ENABLES R EFIS SYM GEN TEST	INHIBITS R EFIS SYM GEN TEST	33-16-01	1
		11	ENABLES L ADC FUNCT TEST	INHIBITS L ADC FUNCT TEST	34-12-01	1
K 167 AIR	A(2-3-1)	INHIBITS APU AUTO FUEL PUMP	ENABLES APU AUTO FUEL PUMP	28-25-01		
		B(2-3-1)	ENABLE GND CREW WARNING	INHIBITS GND CREW WARNING	21-58-01	2
		C(2-3-1)	PROVIDE GND MODE	PROVIDE AIR MODE	28-31-12	—
		D(2-3-1)	ENABLES GND IDLE (L)	ENABLES FLT IDLE (L)	73-21-02	2

RLY ENERG	C NC NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 170 GND	1	INHIBITS L STALL WARNING	ENABLES L STALL WARNING	27-32-02	—
	5				
	7				
K1219	1-213	PROVIDE GND MODE	PROVIDE AIR MODE	21-61-05	—
	1-13-2	ENABLES EXT POWER PRIORITY OVER L GCU	INHIBITS EXT POWER PRIORITY OVER L GCU	24-20-01	1
K 177 GND	5-3-4				
	7-14-8	ENABLES L EFIS SYM GEN TEST	INHIBITS L EFIS SYM GEN TEST	33-16-01	2
	11-9-10	PROVIDE GROUND MODE	PROVIDE AIR MODE	30-81-01	—
K 178 GND	A	ENABLES VOX REC TAPE ERASURE	INHIBITS VOX REC TAPE ERASURE	23-71-01	—
	B	ENABLES ADP DEMAND	INHIBITS ADP DEMAND	29-00-05	1
	C	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	1
	D				
K 199 AIR	1	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
	5				
	7	ENABLES L AUTOBRAKE SYSTEM	INHIBITS L AUTOBRAKE SYSTEM	32-42-01	1
	11	ENABLES EEC MONITOR L DATA BUS	INHIBITS EEC MONITOR L DATA BUS	77-35-01	—
K 514 GND	A	INHIBITS L AOA PROBE (IF ENGINE IS <50%)	ENABLES L AOA PROBE HEAT	30-32-01	—
	B	INHIBITS L TAT PROBE HEAT	ENABLES L TAT PROBE HEAT	30-33-01	—
	C				
	D				
K 515 GND	A	ENABLES R AUX P/S LO HT INHIBITS R AUX P/S HI HT	ENABLES R AUX P/S HI HT INHIBITS R AUX P/S LO HT	30-31-01	2
	B	INHIBITS R AUX P/S AUTO IND	ENABLES R AUX P/S AUTO IND	30-31-01	2
	C	ENABLES L AUX P/S LO HT	INHIBITS L AUX P/S HI HT	30-31-01	2
	D				
K 516 GND	A	ENABLES CAPT P/S LO HT INHIBITS CAPT P/S HI HT	ENABLES CAPT P/S HI HT INHIBITS CAPT P/S LO HT	30-31-01	
	B	INHIBITS L P/S AUTO IND	ENABLES L P/S AUTO IND	30-31-01	
	C	ENABLES F/O P/S LO HT	INHIBITS F/O P/S LO HT	30-31-01	
	D				
K 529 GND	A	ENABLES APU AUTO FUEL PUMP	INHIBITS APU AUTO FUEL PUMP	28-25-01	—
	B				—
	C	ENABLES GND HANDLING RLY	INHIBITS GND HANDLING RLY	24-51-06	—
	D	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 552 GND	A	ENABLES R ACMP (T/O)	INHIBITS R ACMP (T/O)	29-00-03	2
	D	ENABLES "ON GND" RT GEAR	INHIBITS RT GEAR TILT	32-09-02	1
	C				
K 716 GND	1	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3
	5	INHIBITS AUTO 1 CABIN PRESS	ENABLES AUTO 1 CABIN PRESS	21-31-01	1
	7	ENABLES L T/R ISLN DETECT RLY HYDR PRESS OR NOT	ENABLES L T/R ISLN DETECT ONLY WHEN HYDR ARE PRESS	78-36-01	1
	11	PROVIDES ON GND SCALING INPUT TO FQPU	PROVIDES AIRBORNE SCALING INPUT TO FQPU	28-41-01	1
K1043	1-2-13	PROVIDE GND MODE	PROVIDE AIR MODE	73-21-01	—
	7-8-14	PROVIDE GND MODE	PROVIDE AIR MODE	21-45-02	—

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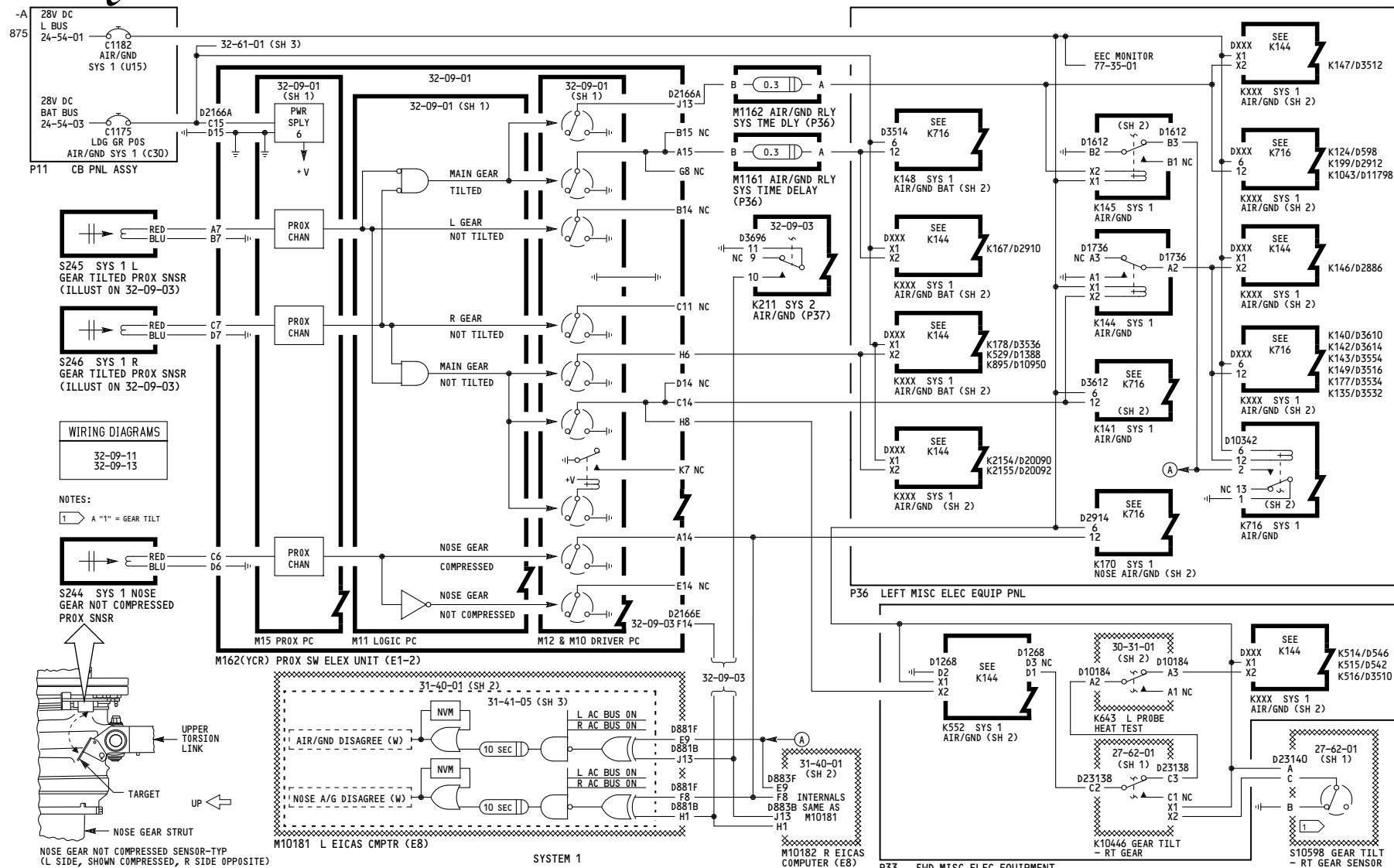
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RLY ENERG	C NC	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 124 AIR	1-13-2	ENABLES BLEED AIR BITE	INHIBITS BLEED AIR BITE	36-23-01	2
	5-3-4	PROVIDES ON GND (GND) INPUT TO ACARS	PROVIDES AIRBORNE (OPEN) INPUT TO ACARS	23-22-01	1
	7	INHIBITS C HYD ISOL VLVs	ENABLES C HYD ISOL VLVs	29-00-04	1
	11-9-10	INHIBITS L DME VOR, ILS, RAD ALT, ADP	ENABLES L DME VOR, ILS, RAD ALT, ADF	34-55-01	—
K135	1-2-13	PROVIDE GND MODE	PROVIDE AIR MODE	34-22-16	—
K 140 GND	1				
	5	INHIBITS AUTO OPERATION OF AIR PACK 1	ENABLES AUTO OPERATION OF AIR PACK 1	21-51-01	1
	7	INHIBITS L FMC FLIGHT LEG UPDATE	ENABLES L FMC FLIGHT LEG UPDATE	34-61-02	1
	11	PROVIDES ON GND INPUT (GND) TO TMC	PROVIDES AIRBORNE INPUT (OPEN) TO TMC	22-32-01	1
K 141 GND	1	ENABLES L PAC DOOR CLOSE	INHIBITS L PAC DOOR CLOSE	21-53-02	1
	5	ENABLES GND IDLE	ENABLES FLT IDLE	73-21-02	2
	7	INHIBITS BITE STORAGE FLT DECK ZONE TEMP CONT	ENABLES BITE STORAGE FLT DECK ZONE TEMP CONT	21-60-01	1
	11				
K 142 GND	1	PROVIDES ON GND 2 INPUT (GND) TO L FCC, C FCC, & R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, & R FCC	22-14-03	—
	5			22-14-03	—
	7	PROVIDES ON GND 2 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT OPEN TO MCDP	22-41-01	—
	11			22-41-01	—
K 143 GND	5				
	7	ENABLES C EFIS SYM GEN TEST	INHIBITS C EFIS SYM GEN TEST	33-16-01	2
	11	INHIBITS L ATC SQUITTER	ENABLES L ATC SQUITTER	34-53-01	—
K 145 AIR	A(2-3-1)				
	B	PROVIDES "ON GND" INPUT TO EICAS	PROVIDES "AIRBORNE" INPUT TO EICAS	32-09-02	1
	C(2-3-1)	ENABLES EXT PMR PRIORITY OVER LGCU	INHIBITS EXT PMR PRIORITY OVER LGCU	24-20-01	1
	D(2-3-1)	ENABLES CAPT FOOT HEATER	INHIBITS CAPT FOOT HEATER	21-45-01	—
K 146 GND	A	ENABLES L BLEED AIR	INHIBITS L BLEED AIR	36-11-05	—
	B	ENABLES FWD ENTRY DOOR OPERATION	INHIBITS FWD ENTRY DOOR OPERATION	52-11-01	1
	C	ENABLES EQUIP COOLING FROM EXT EQUIP	INHIBITS EXT COOLING EQUIP	21-58-03	—
	D				
K 147 AIR	A	INHIBITS UTILITY BUS AUTO RESET	ENABLES UTILITY BUS AUTO RESET	24-51-07	—
	B	INHIBITS LANDING GEAR LEVER LOCK	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
	C	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	1
	D	INHIBITS FWD ENTRY DOORS HEATERS	ENABLES FWD ENTRY DOORS HEATERS	21-45-02	—
K 148 AIR	1	PROVIDES ON GND INPUT (GND) TO BPCU	PROVIDES AIRBORNE INPUT (OPEN) TO BPCU	24-20-02	2
	7	PROVIDES ON GND INPUT (GND) TO EQUIP COOLING IND	PROVIDES AIRBORNE INPUT (OPEN) TO EQUIP COOLING IND	21-58-01	1
K 149 GND	5	PROVIDES ON GND INPUT (OPEN) TO GPWS COMP	PROVIDES AIRBORNE INPUT (GND) TO GPWS COMP	34-46-01	1
	7	ENABLES R EFIS SYM GEN TEST	INHIBITS R EFIS SYM GEN TEST	33-16-01	1
	11	ENABLES L ADC FUNCT TEST	INHIBITS L ADC FUNCT TEST	34-12-01	1
K 167 AIR	A(2-3-1)	INHIBITS APU AUTO FUEL PUMP	ENABLES APU AUTO FUEL PUMP	28-25-01	—
	B(2-3-1)	ENABLE GND CREW WARNING	INHIBITS GND CREW WARNING	21-58-01	2
	D(2-3-1)	ENABLES GND IDLE (L)	ENABLES FLT IDLE (L)	73-21-02	2

RLY ENERG	C NC	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 170 GND	1	INHIBITS L STALL WARNING	ENABLES L STALL WARNING	27-32-02	—
	5				
	7-14-8	PROVIDE GND MODE	PROVIDE AIR MODE	34-45-03	—
	11				
K 177 GND	1-13-2	ENABLES EXT POWER PRIORITY OVER L GCU	INHIBITS EXT POWER PRIORITY OVER L GCU	24-20-01	1
	5-3-4				
	7-14-8	ENABLES L EFIS SYM GEN TEST	INHIBITS L EFIS SYM GEN TEST	33-16-01	2
	11-9-10				
K 178 GND	A	ENABLES VOX REC TAPE ERASURE	INHIBITS VOX REC TAPE ERASURE	23-71-01	—
	B	ENABLES ADP DEMAND	INHIBITS ADP DEMAND	29-00-05	1
	C	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	1
K 199 AIR	1	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
	7	ENABLES L AUTOBRAKE SYSTEM	INHIBITS L AUTOBRAKE SYSTEM	32-42-01	1
K 514 GND	11	ENABLES EEC MONITOR L DATA BUS	INHIBITS EEC MONITOR L DATA BUS	77-35-01	—
	A	INHIBITS L AOA PROBE (IF ENGINE IS <50%)	ENABLES L AOA PROBE HEAT	30-32-01	—
K 515 GND	B	INHIBITS L TAT PROBE HEAT	ENABLES L TAT PROBE HEAT	30-33-01	—
	A	ENABLES R AUX P/S LO HT, INHIBITS R AUX P/S HI HT	ENABLES R AUX P/S HI HT, INHIBITS R AUX P/S LO HT	30-31-01	2
	B	INHIBITS R AUX P/S AUTO IND	ENABLES R AUX P/S AUTO IND	30-31-01	2
K 516 GND	C	ENABLES L AUX P/S LO HT	INHIBITS L AUX P/S HI HT	30-31-01	2
	A	ENABLES CAPT P/S LO HT, INHIBITS CAPT P/S HI HT	ENABLES CAPT P/S HI HT, INHIBITS CAPT P/S LO HT	30-31-01	
	B	INHIBITS L P/S AUTO IND	ENABLES L P/S AUTO IND	30-31-01	
K 529 GND	C	ENABLES F/O P/S LO HT	INHIBITS F/O P/S LO HT	30-31-01	
	A	ENABLES APU AUTO FUEL PUMP	INHIBITS APU AUTO FUEL PUMP	28-25-01	—
	B	ENABLES LEFT ENGINE T/R OPERATION	INHIBITS LEFT ENGINE T/R OPERATION	78-34-01	—
K 552 GND	C	ENABLES GND HANDLING RLY	INHIBITS GND HANDLING RLY	24-51-06	—
	D	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 716 GND	A	ENABLES R ACMP (T/O)	INHIBITS R ACMP (T/O)	29-00-03	2
	D	ENABLES "ON GND" RT GEAR	INHIBITS RT GEAR TILT	32-09-02	1
K 895 GND	1	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3
	5	INHIBITS AUTO 1 CABIN PRESS	ENABLES AUTO 1 CABIN PRESS	21-31-01	1
	7	ENABLES L T/R ISLN DETECT RLY HYDR PRESS OR NOT	ENABLES L T/R ISLN DETECT ONLY WHEN HYDR ARE PRESS	78-36-01	1
	11	PROVIDES ON GND SCALING INPUT TO FQPU	PROVIDES AIRBORNE SCALING INPUT TO FQPU	28-41-01	1
K 1043 AIR	C	ENABLES LEFT ENGINE T/R OPERATION	INHIBITS LEFT ENGINE T/R OPERATION	78-36-01	
	D	ENABLES RIGHT ENGINE T/R OPERATION	INHIBITS RIGHT ENGINE T/R OPERATION	78-34-02	
K 2154	1-2-13	PROVIDE GROUND MODE	PROVIDE AIR MODE	73-21-01	—
	7-8-14	PROVIDE GROUND MODE	PROVIDE AIR MODE	21-45-02	—
K 2155 GND	A	ENABLES RIGHT ENGINE ON T/R OPERATION	INHIBITS RIGHT ENGINE ON T/R OPERATION	78-34-02	
	B, C, D	ENABLES LEFT ENGINE ON T/R OPERATION	INHIBITS LEFT ENGINE ON T/R OPERATION	78-36-01	

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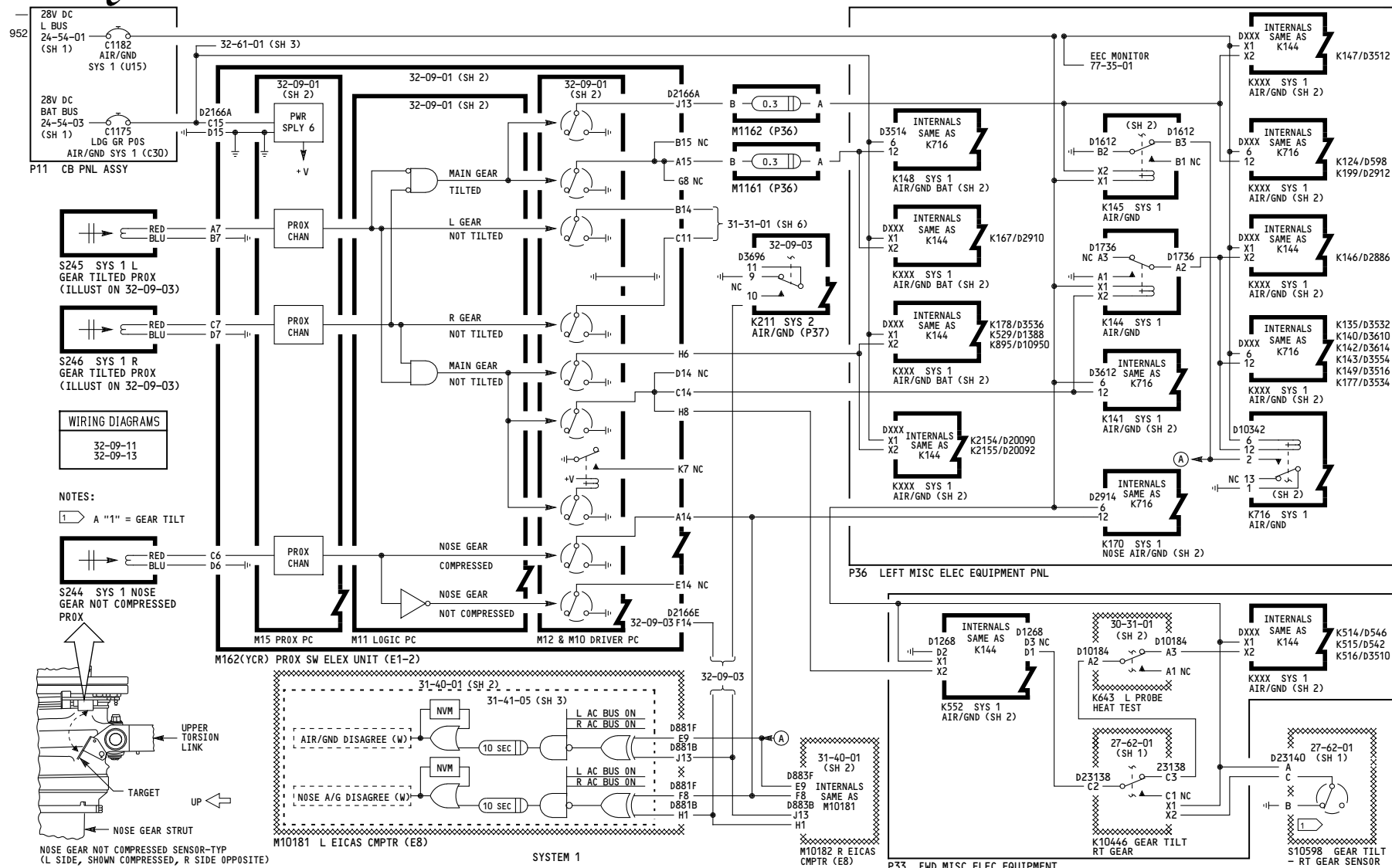
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RLY ENERG	C NC	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 124 AIR	1-13-2	ENABLES BLEED AIR BITE	INHIBITS BLEED AIR BITE	36-23-01	2
	5-3-4	PROVIDES ON GND (GND) INPUT TO ACARS	PROVIDES AIRBORNE (OPEN) INPUT TO ACARS	23-22-01	1
	7	INHIBITS C HYD ISOL VLVs	ENABLES C HYD ISOL VLVs	29-00-04	1
	11-9-10	INHIBITS L DME VOR, ILS, RAD ALT, ADP	ENABLES L DME VOR, ILS, RAD ALT, ADF	34-55-01	—
K135	1-2-13	PROVIDE GND MODE	PROVIDE AIR MODE	34-22-16	—
K 140 GND	1				
	5	INHIBITS AUTO OPERATION OF AIR PACK 1	ENABLES AUTO OPERATION OF AIR PACK 1	21-51-01	1
	7	INHIBITS L FMC FLIGHT LEG UPDATE	ENABLES L FMC FLIGHT LEG UPDATE	34-61-02	1
	11	PROVIDES ON GND INPUT (GND) TO TMC	PROVIDES AIRBORNE INPUT (OPEN) TO TMC	22-32-01	1
K 141 GND	1	ENABLES L PAC DOOR CLOSE	INHIBITS L PAC DOOR CLOSE	21-53-02	1
	5	ENABLES GND IDLE	ENABLES FLT IDLE	73-21-02	2
	7	INHIBITS BITE STORAGE FLT DECK ZONE TEMP CONT	ENABLES BITE STORAGE FLT DECK ZONE TEMP CONT	21-60-01	1
	11				
K 142 GND	1	PROVIDES ON GND 2 INPUT (GND) TO L FCC, C FCC, & R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, & R FCC	22-14-03	—
	5			22-14-03	—
	7	PROVIDES ON GND 2 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT OPEN TO MCDP	22-41-01	—
	11			22-41-01	—
K 143 GND	5				
	7	ENABLES C EFIS SYM GEN TEST	INHIBITS C EFIS SYM GEN TEST	33-16-01	2
	11	INHIBITS L ATC SQUITTER	ENABLES L ATC SQUITTER	34-53-01	—
K 145 AIR	A(2-3-1)				
	B	PROVIDES "ON GND" INPUT TO EICAS	PROVIDES "AIRBORNE" INPUT TO EICAS	32-09-02	1
	C(2-3-1)	ENABLES EXT PMR PRIORITY OVER LGCU	INHIBITS EXT PMR PRIORITY OVER LGCU	24-20-01	1
	D(2-3-1)	ENABLES CAPT FOOT HEATER	INHIBITS CAPT FOOT HEATER	21-45-01	—
K 146 GND	A	ENABLES L BLEED AIR	INHIBITS L BLEED AIR	36-11-05	—
	B	ENABLES FWD ENTRY DOOR OPERATION	INHIBITS FWD ENTRY DOOR OPERATION	52-11-01	1
	C	ENABLES EQUIP COOLING FROM EXT EQUIP	INHIBITS EXT COOLING EQUIP	21-58-03	—
	D				
K 147 AIR	A	INHIBITS UTILITY BUS AUTO RESET	ENABLES UTILITY BUS AUTO RESET	24-51-07	—
	B	INHIBITS LANDING GEAR LEVER LOCK	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
	C	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	1
	D	INHIBITS FWD ENTRY DOORS HEATERS	ENABLES FWD ENTRY DOORS HEATERS	21-45-02	—
K 148 AIR	1	PROVIDES ON GND INPUT (GND) TO BPCU	PROVIDES AIRBORNE INPUT (OPEN) TO BPCU	24-20-02	2
	7	PROVIDES ON GND INPUT (GND) TO EQUIP COOLING IND	PROVIDES AIRBORNE INPUT (OPEN) TO EQUIP COOLING IND	21-58-01	1
	11				
K 149 GND	5	PROVIDES ON GND INPUT (OPEN) TO GPWS COMP	PROVIDES AIRBORNE INPUT (GND) TO GPWS COMP	34-46-01	1
	7	ENABLES R EFIS SYM GEN TEST	INHIBITS R EFIS SYM GEN TEST	33-16-01	1
	11	ENABLES L ADC FUNCT TEST	INHIBITS L ADC FUNCT TEST	34-12-01	1
K 167 AIR	A(2-3-1)	INHIBITS APU AUTO FUEL PUMP	ENABLES APU AUTO FUEL PUMP	28-25-01	—
	B(2-3-1)	ENABLE GND CREW WARNING	INHIBITS GND CREW WARNING	21-58-01	2
	C(2-3-1)	PROVIDE GND MODE	PROVIDE AIR MODE	28-31-12	—
	D(2-3-1)	ENABLES GND IDLE (L)	ENABLES FLT IDLE (L)	73-21-02	2

RLY ENERG	C NC	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 170 GND	1	INHIBITS L STALL WARNING	ENABLES L STALL WARNING	27-32-02	—
	5				
	7-14-8	PROVIDE GND MODE	PROVIDE AIR MODE	34-45-03	—
	11				
K 177 GND	1-13-2	ENABLES EXT POWER PRIORITY OVER L GCU	INHIBITS EXT POWER PRIORITY OVER L GCU	24-20-01	1
	5-3-4				
	7-14-8	ENABLES L EFIS SYM GEN TEST	INHIBITS L EFIS SYM GEN TEST	33-16-01	2
	11-9-10				
K 178 GND	A	ENABLES VOX REC TAPE ERASURE	INHIBITS VOX REC TAPE ERASURE	23-71-01	—
	B	ENABLES ADP DEMAND	INHIBITS ADP DEMAND	29-00-05	1
	C	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	1
K 199 AIR	1	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
	7	ENABLES L AUTOBRAKE SYSTEM	INHIBITS L AUTOBRAKE SYSTEM	32-42-01	1
K 514 GND	11	ENABLES EEC MONITOR L DATA BUS	INHIBITS EEC MONITOR L DATA BUS	77-35-01	—
	A	INHIBITS L A0A PROBE (IF ENGINE IS <50%)	ENABLES L A0A PROBE HEAT	30-32-01	—
K 515 GND	B	INHIBITS R AUX P/S L0 HT, INHIBITS R AUX P/S HI HT	ENABLES R AUX P/S HI HT	30-31-01	2
	A	ENABLES R AUX P/S L0 HT, INHIBITS R AUX P/S HI HT	ENABLES R AUX P/S AUTO IND	30-31-01	2
	C	ENABLES L AUX P/S L0 HT	INHIBITS L AUX P/S HI HT	30-31-01	2
K 516 GND	A	ENABLES CAPT P/S L0 HT, INHIBITS CAPT P/S HI HT	ENABLES CAPT P/S HI HT, INHIBITS CAPT P/S L0 HT	30-31-01	
	B	INHIBITS L P/S AUTO IND	ENABLES L P/S AUTO IND	30-31-01	
K 529 GND	C	ENABLES F/O P/S L0 HT	INHIBITS F/O P/S L0 HT	30-31-01	
	A	ENABLES APU AUTO FUEL PUMP	INHIBITS APU AUTO FUEL PUMP	28-25-01	—
	B	ENABLES LEFT ENGINE T/R OPERATION	INHIBITS LEFT ENGINE T/R OPERATION	78-34-01	—
	C	ENABLES GND HANDLING RLY	INHIBITS GND HANDLING RLY	24-51-06	—
K 552 GND	D	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
	A	ENABLES R ACMP (T/O)	INHIBITS R ACMP (T/O)	29-00-03	2
	B	ENABLES AUTO SPEED BRAKE	INHIBITS AUTO SPEED BRAKE	27-62-01	1
	D	ENABLES "ON GND" RT GEAR	INHIBITS RT GEAR TILT	32-09-02	1
K 716 GND	1	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3
	5	INHIBITS AUTO 1 CABIN PRESS	ENABLES AUTO 1 CABIN PRESS	21-31-01	1
	7	ENABLES L T/R ISLN DETECT RLY HYDR PRESS OR NOT	ENABLES L T/R ISLN DETECT ONLY WHEN HYDR ARE PRESS	78-36-01	1
	11	PROVIDES ON GND SCALING INPUT TO FQPU	PROVIDES AIRBORNE SCALING INPUT TO FQPU	28-41-01	1
K 895 GND	C	ENABLES LEFT ENGINE T/R OPERATION	INHIBITS LEFT ENGINE T/R OPERATION	78-36-01	
	D	ENABLES RIGHT ENGINE T/R OPERATION	INHIBITS RIGHT ENGINE T/R OPERATION	78-34-02	
K 2154 GND	A	ENABLES LEFT ENGINE ON T/R OPERATION	INHIBITS LEFT ENGINE ON T/R OPERATION	78-36-11	—
K 2155 GND	A	ENABLES RIGHT ENGINE ON T/R OPERATION	INHIBITS RIGHT ENGINE ON T/R OPERATION	78-34-21	—
	B, C, D	ENABLES LEFT ENGINE T/R OPERATION	INHIBITS LEFT ENGINE T/R OPERATION	78-36-01	

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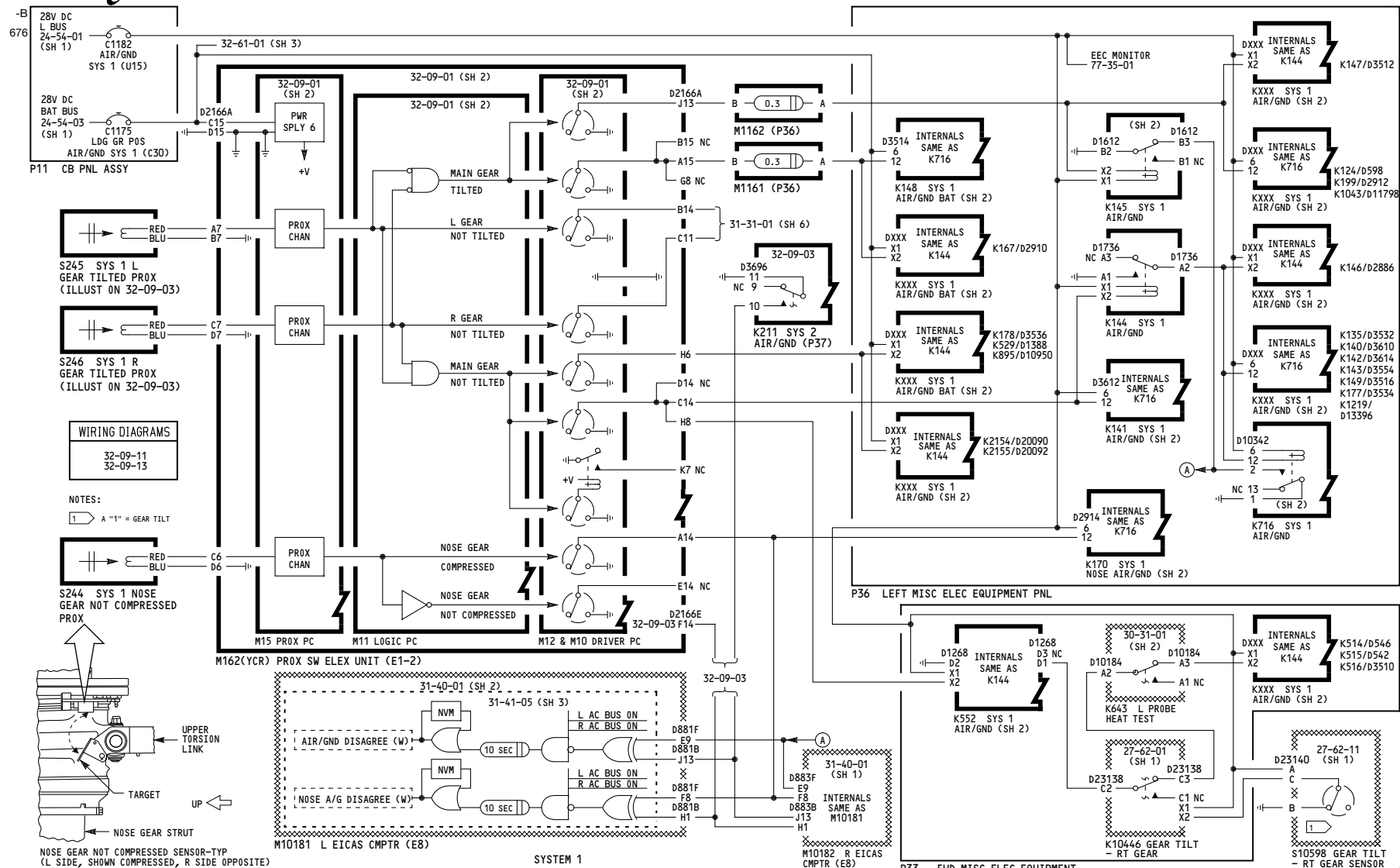
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RLY	C NC	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 124 AIR	1-13-2	ENABLES BLEED AIR BITE	INHIBITS BLEED AIR BITE	36-23-01	2
	5-3-4	PROVIDES ON GND (GND) INPUT TO ACARS	PROVIDES AIRBORNE (OPEN) INPUT TO ACARS	23-22-01	1
	7	INHIBITS C HYD ISOL VLVS	ENABLES C HYD ISOL VLVS	29-00-04	1
	11-9-10	INHIBITS L DME VOR, ILS, RAD ALT, ADP	ENABLES L DME VOR, ILS, RAD ALT, ADF	34-55-01	—
K 140 GND	1-2-13	PROVIDE GROUND MODE	PROVIDE AIR MODE	34-22-36	—
	5	INHIBITS AUTO OPERATION OF AIR PACK 1	ENABLES AUTO OPERATION OF AIR PACK 1	21-51-01	1
	7	INHIBITS L FMC FLIGHT LEG UPDATE	ENABLES L FMC FLIGHT LEG UPDATE	34-61-02	1
	11	PROVIDES ON GND INPUT (GND) TO TMC	PROVIDES AIRBORNE INPUT (OPEN) TO TMC	22-32-01	1
K 141 GND	1	ENABLES L PAC DOOR CLOSE	INHIBITS L PAC DOOR CLOSE	21-53-02	1
	5	ENABLES GND IDLE	ENABLES FLT IDLE	73-21-02	2
	7	INHIBITS BITE STORAGE FLT DECK ZONE TEMP CONT	ENABLES BITE STORAGE FLT DECK ZONE TEMP CONT	21-60-01	1
	11				
K 142 GND	1	PROVIDES ON GND 2 INPUT (GND) TO L FCC, C FCC, & R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, & R FCC	22-14-03	—
	5			22-14-03	—
	7	PROVIDES ON GND 2 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT OPEN TO MCDP	22-41-01	—
	11			22-41-01	—
K135	1-2-13	PROVIDE GROUND MODE	PROVIDE AIR MODE	34-22-16	—
K 143 GND	5				
	7	ENABLES C EFIS SYM GEN TEST	INHIBITS C EFIS SYM GEN TEST	33-16-01	2
	11	INHIBITS L ATC SQUITTER	ENABLES L ATC SQUITTER	34-53-01	—
K 145 AIR	A(2-3-1)				
	B	PROVIDES "ON GND" INPUT TO EICAS	PROVIDES "AIRBORNE" INPUT TO EICAS	32-09-02	1
	C(2-3-1)	ENABLES EXT PMR PRIORITY OVER LGCU	INHIBITS EXT PMR PRIORITY OVER LGCU	24-20-01	1
	D(2-3-1)	ENABLES CAPT FOOT HEATER	INHIBITS CAPT FOOT HEATER	21-45-01	—
K 146 GND	A	ENABLES L BLEED AIR	INHIBITS L BLEED AIR	36-11-05	—
	B	ENABLES FWD ENTRY DOOR OPERATION	INHIBITS FWD ENTRY DOOR OPERATION	52-11-01	1
	C	ENABLES EQUIP COOLING FROM EXT EQUIP	INHIBITS EXT COOLING EQUIP	21-58-03	—
	D				
K 147 AIR	A	INHIBITS UTILITY BUS AUTO RESET	ENABLES UTILITY BUS AUTO RESET	24-51-07	—
	B	INHIBITS LANDING GEAR LEVER LOCK	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
	C	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	21-61-51	1
	D	INHIBITS FWD ENTRY DOORS HEATERS	ENABLES FWD ENTRY DOORS HEATERS	21-45-02	—
K 148 AIR	1	PROVIDES ON GND INPUT (GND) TO BPCU	PROVIDES AIRBORNE INPUT (OPEN) TO BPCU	24-20-02	2
	7	PROVIDES ON GND INPUT (GND) TO EQUIP COOLING IND	PROVIDES AIRBORNE INPUT (OPEN) TO EQUIP COOLING IND	21-58-01	1
	11-9-10	PROVIDES GND MODE	PROVIDES AIR MODE	24-25-11	1
K 149 GND	1	INHIBITS AUTO 1 CABIN PRESSURIZATION	ENABLE AUTO 1 CABIN PRESSURIZATION	21-31-01	1
	5	PROVIDES ON GND INPUT (OPEN) TO GPWS COMP	PROVIDES AIRBORNE INPUT (GND) TO GPWS COMP	34-46-01	1
	7	ENABLES R EFIS SYM GEN TEST	INHIBITS R EFIS SYM GEN TEST	33-16-01	1
	11	ENABLES L ADC FUNCT TEST	INHIBITS L ADC FUNCT TEST	34-12-01	1
K 167 AIR	A(2-3-1)	INHIBITS APU AUTO FUEL PUMP	ENABLES APU AUTO FUEL PUMP	28-25-01	—
	B(2-3-1)	ENABLE GND CREW WARNING	INHIBITS GND CREW WARNING	21-58-01	2
	C(2-3-1)	PROVIDE GND MODE	PROVIDE AIR MODE		
	D(2-3-1)	ENABLES GND IDLE (L)	ENABLES FLT IDLE (L)	73-21-02	2

RLY	C NC	NORMAL SYSTEM FUNCTION		REF	SH
		ON GROUND	IN AIR		
K 170 GND	1	INHIBITS L STALL WARNING	ENABLES L STALL WARNING	27-32-02	—
	5				
	1-13-2	ENABLES EXT POWER PRIORITY OVER L GCU	INHIBITS EXT POWER PRIORITY OVER L GCU	24-20-01	1
	5-3-4				
K 177 GND	7-14-8	ENABLES L EFIS SYM GEN TEST	INHIBITS L EFIS SYM GEN TEST	33-16-01	2
	11-9-10				
K 178 GND	A	ENABLES VOX REC TAPE ERASURE	INHIBITS VOX REC TAPE ERASURE	23-71-01	—
	B	ENABLES ADP DEMAND	INHIBITS ADP DEMAND	29-00-05	1
	C	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	1
	D				
K 199 AIR	1	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
	5				
	7	ENABLES L AUTOBRAKE SYSTEM	INHIBITS L AUTOBRAKE SYSTEM	32-42-01	1
K 514 GND	11	ENABLES EEC MONITOR L DATA BUS	INHIBITS EEC MONITOR L DATA BUS	77-35-01	—
	A	INHIBITS L AOA PROBE (IF ENGINE IS <50%)	ENABLES L AOA PROBE HEAT	30-32-01	—
	B	INHIBITS L TAT PROBE HEAT	ENABLES L TAT PROBE HEAT	30-33-01	—
K 515 GND	C-D				
	A	ENABLES R AUX P/S LO HT, INHIBITS R AUX P/S HI HT	ENABLES R AUX P/S HI HT, INHIBITS R AUX P/S LO HT	30-31-01	2
	B	INHIBITS R AUX P/S AUTO IND	ENABLES R AUX P/S AUTO IND	30-31-01	2
	C	ENABLES L AUX P/S LO HT	INHIBITS L AUX P/S HI HT	30-31-01	2
K 516 GND	D				
	A	ENABLES CAPT P/S LO HT, INHIBITS CAPT P/S HI HT	ENABLES CAPT P/S HI HT, INHIBITS CAPT P/S LO HT	30-31-01	—
	B	INHIBITS L P/S AUTO IND	ENABLES L P/S AUTO IND	30-31-01	—
	C	ENABLES F/O P/S LO HT	INHIBITS F/O P/S LO HT	30-31-01	—
K 529 GND	A	ENABLES APU AUTO FUEL PUMP	INHIBITS APU AUTO FUEL PUMP	28-25-01	—
	B	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-34-01	—
	C	ENABLES GND HANDLING RLY	INHIBITS GND HANDLING RLY	24-51-06	—
	D	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 552 GND	A	ENABLES R ACMP (T/O)	INHIBITS R ACMP (T/O)	29-00-03	2
	B	ENABLES AUTO SPEED BRAKE	INHIBITS AUTO SPEED BRAKE	27-62-01	1
	D	ENABLES "ON GND" RT GEAR	INHIBITS RT GEAR TILT	32-09-02	1
K 716 GND	1	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3
	5	INHIBITS AUTO 1 CABIN PRESSURE	ENABLES AUTO 1 CABIN PRESSURE	21-31-01	1
	7	ENABLES L T/R ISLN DETECT RLY HYDR PRESS OR NOT	ENABLES L T/R ISLN DETECT ONLY WHEN HYDR ARE PRESS	78-36-01	1
	11	PROVIDES ON GND SCALING INPUT TO FQPU	PROVIDES AIRBORNE SCALING INPUT TO FQPU	28-41-01	1
K 895 GND	C	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-01	—
	D	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-02	—
K1043 AIR	7-8-14	ENABLES BLANKET HEATERS	INHIBITS BLANKET HEATERS	21-45-02	—
K1219 AIR	11-9-10	PROVIDES GND MODE	PROVIDES AIR MODE	28-41-01	1
K2154 GND	A	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-11	—
K 2155 GND	A	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-21	—

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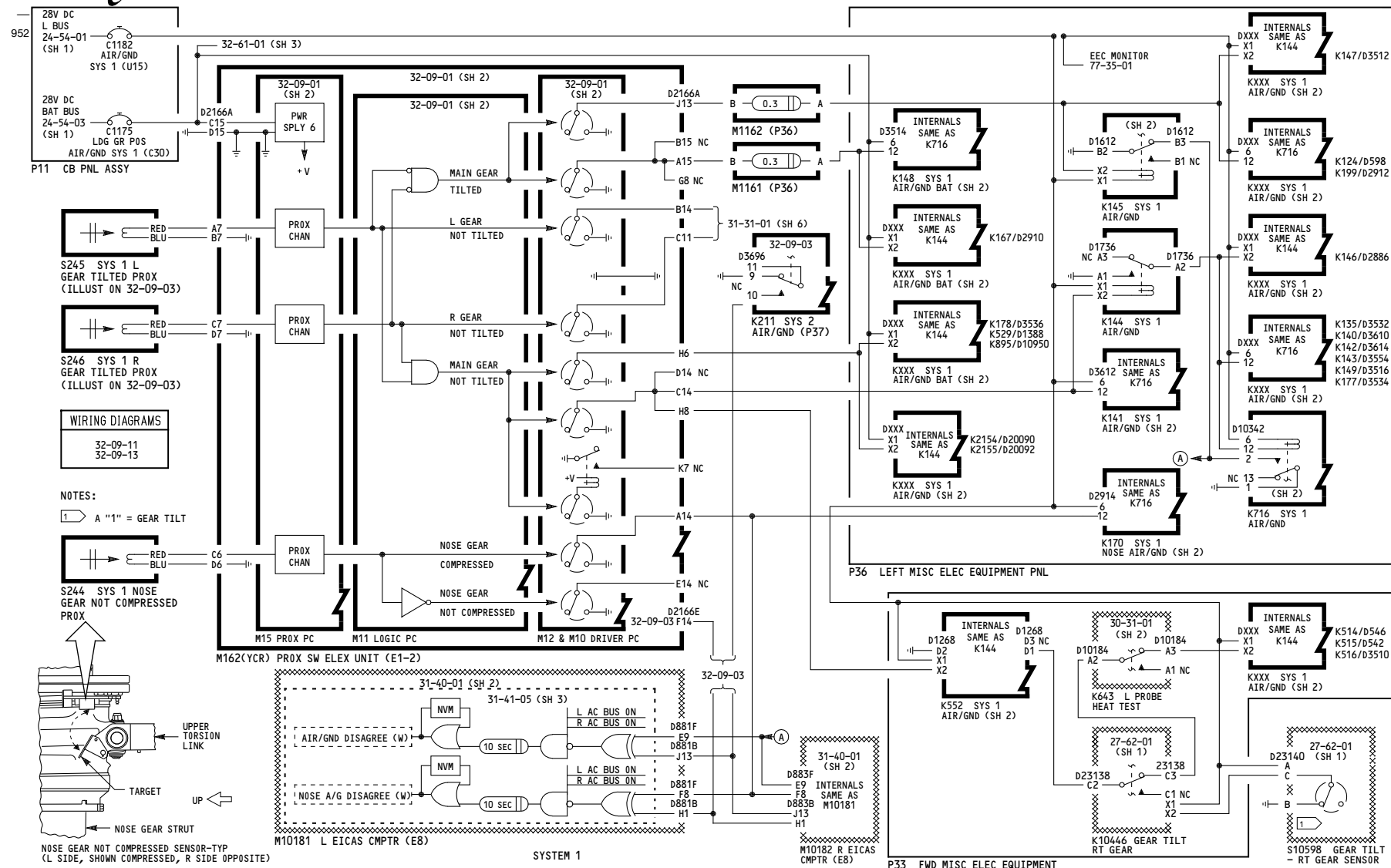
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	ENERG		ON GROUND	IN AIR			ENERG		ON GROUND	IN AIR			
K 124 AIR		1-13-2	ENABLES BLEED AIR BITE	INHIBITS BLEED AIR BITE	36-23-01	2	K 170 GND	1	INHIBITS L STALL WARNING	ENABLES L STALL WARNING	27-32-02	—	
		5-3-4	PROVIDES ON GND (GND) INPUT TO ACARS	PROVIDES AIRBORNE (OPEN) INPUT TO ACARS	23-22-01	1		5-7-11					
		7	INHIBITS C HYD ISOL VLVs	ENABLES C HYD ISOL VLVs	29-00-04	1		1-13-2	ENABLES EXT POWER PRIORITY OVER L GCU	INHIBITS EXT POWER PRIORITY OVER L GCU	24-20-01	1	
		11-9-10	INHIBITS L DME VOR, ILS, RAD ALT, ADP	ENABLES L DME VOR, ILS, RAD ALT, ADF	34-55-01	—		5-3-4					
K135		1-2-13	PROVIDE GROUND MODE	PROVIDE AIR MODE	34-22-16	—	K 177 GND	7-14-8	ENABLES L EFIS SYM GEN TEST	INHIBITS L EFIS SYM GEN TEST	33-16-01	2	
K 140 GND		1-2-13	PROVIDE GROUND MODE	PROVIDE AIR MODE	34-22-36	—		11-9-10					
		5	INHIBITS AUTO OPERATION OF AIR PACK 1	ENABLES AUTO OPERATION OF AIR PACK 1	21-51-01	1		A	ENABLES VOX REC TAPE ERASURE	INHIBITS VOX REC TAPE ERASURE	23-71-01	—	
		7	INHIBITS L FMC FLIGHT LEG UPDATE	ENABLES L FMC FLIGHT LEG UPDATE	34-61-02	1		B	ENABLES ADP DEMAND	INHIBITS ADP DEMAND	29-00-05	1	
K 141 GND		11	PROVIDES ON GND INPUT (GND) TO TMC	PROVIDES AIRBORNE INPUT (OPEN) TO TMC	22-32-01	1	C	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	1		
		1	ENABLES L PAC DOOR CLOSE	INHIBITS L PAC DOOR CLOSE	21-53-02	1	D						
		5	ENABLES GND IDLE	ENABLES FLT IDLE	73-21-02	2	1	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—		
K 142 GND		7	INHIBITS BITE STORAGE FLT DECK ZONE TEMP CONT	ENABLES BITE STORAGE FLT DECK ZONE TEMP CONT	21-60-01	1	K 199 AIR	5					
		1	PROVIDES ON GND 2 INPUT (GND) TO L FCC, C FCC, & R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, & R FCC	22-14-03	—		7	ENABLES L AUTOBRAKE SYSTEM	INHIBITS L AUTOBRAKE SYSTEM	32-42-01	1	
					5	22-14-03		—	11	ENABLES EEC MONITOR L DATA BUS	INHIBITS EEC MONITOR L DATA BUS	77-35-01	—
					7	PROVIDES ON GND 2 INPUT (GND) TO MCDP		PROVIDES AIRBORNE INPUT OPEN TO MCDP	22-41-01	—	A	INHIBITS L AOA PROBE (IF ENGINE IS <50%)	ENABLES L AOA PROBE HEAT
11	22-41-01	—	B	INHIBITS L TAT PROBE HEAT	ENABLES L TAT PROBE HEAT		30-33-01		—				
K 143 GND		5					K 514 GND	C					
		7	ENABLES C EFIS SYM GEN TEST	INHIBITS C EFIS SYM GEN TEST	33-16-01	2		D					
		11	INHIBITS L ATC SQUITTER	ENABLES L ATC SQUITTER	34-53-01	—		A	ENABLES R AUX P/S L0 HT, INHIBITS R AUX P/S HI HT	ENABLES R AUX P/S HI HT, INHIBITS R AUX P/S L0 HT	30-31-01	2	
K 145 AIR		A(2-3-1)						K 515 GND	B	INHIBITS R AUX P/S AUTO IND	ENABLES R AUX P/S AUTO IND	30-31-01	2
		B	PROVIDES "ON GND" INPUT TO EICAS	PROVIDES "AIRBORNE" INPUT TO EICAS	32-09-02	1	C		ENABLES L AUX P/S L0 HT	INHIBITS L AUX P/S HI HT	30-31-01	2	
		C(2-3-1)	ENABLES EXT PWR PRIORITY OVER LGCU	INHIBITS EXT PWR PRIORITY OVER LGCU	24-20-01	1	D						
		D(2-3-1)	ENABLES CAPT FOOT HEATER	INHIBITS CAPT FOOT HEATER	21-45-01	—	A		ENABLES CAPT P/S L0 HT, INHIBITS CAPT P/S HI HT	ENABLES CAPT P/S HI HT, INHIBITS CAPT P/S L0 HT	30-31-01	—	
K 146 GND		A	ENABLES L BLEED AIR	INHIBITS L BLEED AIR	36-11-05	—	K 516 GND	B	INHIBITS L P/S AUTO IND	ENABLES L P/S AUTO IND	30-31-01	—	
		B	ENABLES FWD ENTRY DOOR OPERATION	INHIBITS FWD ENTRY DOOR OPERATION	52-11-01	1		C	ENABLES F/O P/S L0 HT	INHIBITS F/O P/S L0 HT	30-31-01	—	
		C	ENABLES EQUIP COOLING FROM EXT EQUIP	INHIBITS EXT COOLING EQUIP	21-58-03	—		A	ENABLES APU AUTO FUEL PUMP	INHIBITS APU AUTO FUEL PUMP	28-25-01	—	
		D						B	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-34-01	—	
K 147 AIR		A	INHIBITS UTILITY BUS AUTO RESET	ENABLES UTILITY BUS AUTO RESET	24-51-07	—	K 529 GND	C	ENABLES GND HANDLING RLY	INHIBITS GND HANDLING RLY	24-51-06	—	
		B	INHIBITS LANDING GEAR LEVER LOCK	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1		D	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—	
		C	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	1		A	ENABLES R ACMP (T/O)	INHIBITS R ACMP (T/O)	29-00-03	2	
		D	INHIBITS FWD ENTRY DOORS HEATERS	ENABLES FWD ENTRY DOORS HEATERS	21-45-02	—		B	ENABLES AUTO SPEED BRAKE	INHIBITS AUTO SPEED BRAKE	27-62-01	1	
K 148 AIR		1	PROVIDES ON GND INPUT (GND) TO BPCU	PROVIDES AIRBORNE INPUT (OPEN) TO BPCU	24-20-02	2	K 552 GND	D	ENABLES "ON GND" RT GEAR	INHIBITS RT GEAR TILT	32-09-02	1	
		7	PROVIDES ON GND INPUT (GND) TO EQUIP COOLING IND	PROVIDES AIRBORNE INPUT (OPEN) TO EQUIP COOLING IND	21-58-01	1		A	ENABLES R ACMP (T/O)	INHIBITS R ACMP (T/O)	29-00-03	2	
		11						B	ENABLES AUTO SPEED BRAKE	INHIBITS AUTO SPEED BRAKE	27-62-01	1	
K 149 GND		1	INHIBITS AUTO 1 CABIN PRESSURIZATION	ENABLE AUTO 1 CABIN PRESSURIZATION	21-31-01	1		K 716 GND	D	ENABLES "ON GND" RT GEAR	INHIBITS RT GEAR TILT	32-09-02	1
		5	PROVIDES ON GND INPUT (OPEN) TO GPWS COMP	PROVIDES AIRBORNE INPUT (GND) TO GPWS COMP	34-46-01	1	1		PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3	
		7	ENABLES R EFIS SYM GEN TEST	INHIBITS R EFIS SYM GEN TEST	33-16-01	1	5		INHIBITS AUTO 1 CABIN PRESSURE	ENABLES AUTO 1 CABIN PRESSURE	21-31-01	1	
		11	ENABLES L ADC FUNCT TEST	INHIBITS L ADC FUNCT TEST	34-12-01	1	7		ENABLES L T/R ISLN DETECT RLY HYDR PRESS OR NOT	ENABLES L T/R ISLN DETECT ONLY WHEN HYDR ARE PRESS	78-36-01	1	
K 167 AIR		A(2-3-1)	INHIBITS APU AUTO FUEL PUMP	ENABLES APU AUTO FUEL PUMP	28-25-01	—	K 895 GND	11	PROVIDES ON GND SCALING INPUT TO FQPU	PROVIDES AIRBORNE SCALING INPUT TO FQPU	28-41-01	1	
		B(2-3-1)	ENABLE GND CREW WARNING	INHIBITS GND CREW WARNING	21-58-01	2		C	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-01	—	
		C(2-3-1)	PROVIDE GND MODE	PROVIDE AIR MODE				D	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-02	—	
		D(2-3-1)	ENABLES GND IDLE (L)	ENABLES FLT IDLE (L)	73-21-02	2		A	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-11	—	
K 170 GND		1					K 2154 GND	A					
		5											
K 177 GND		1					K 2155 GND	A	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-21	—	
		5						B,C,D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-01	—	

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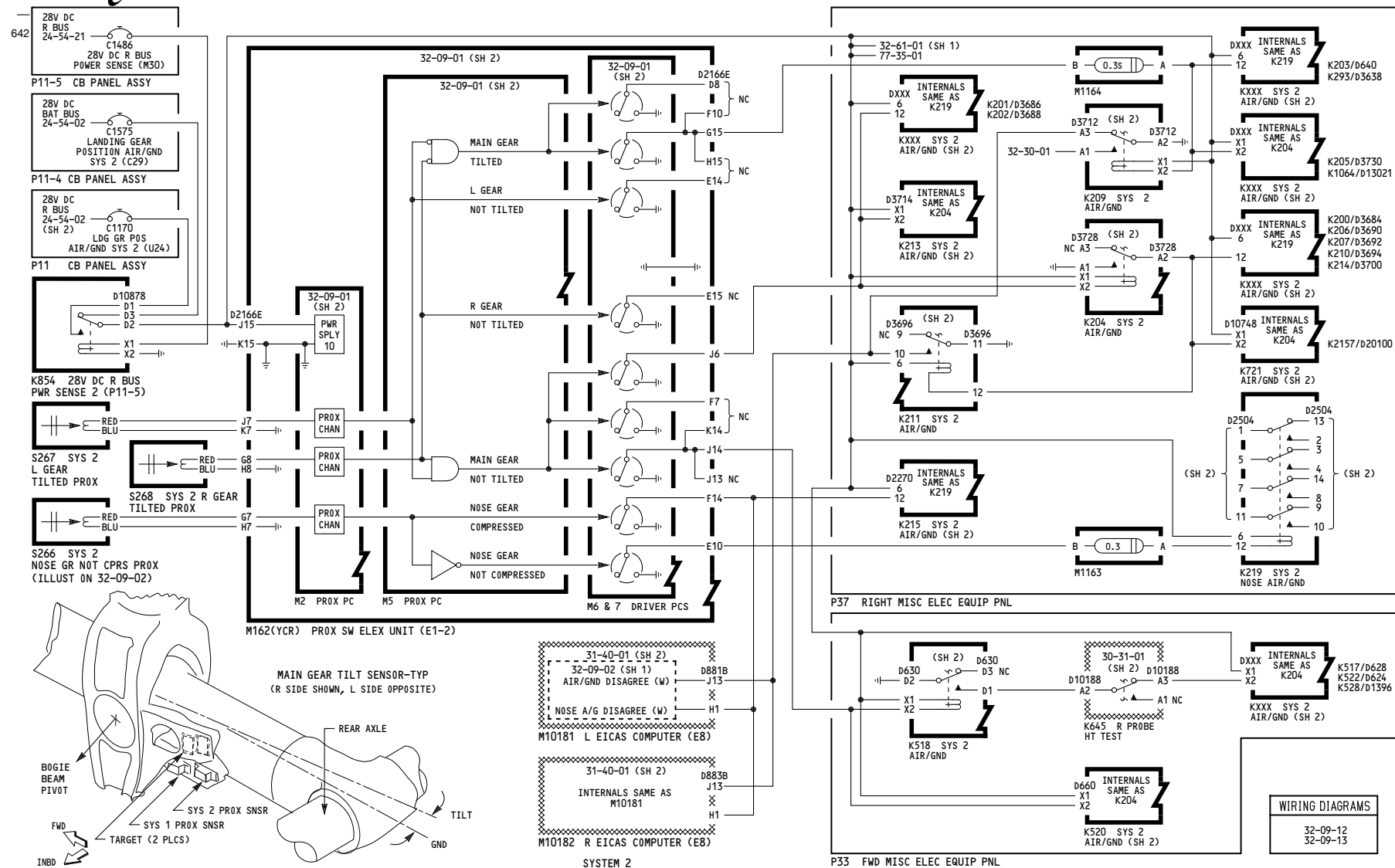
AIR/GROUND RELAYS SYSTEM 1

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RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GND	IN AIR		
K 200 GND	1-13-2				—
	5-3-4	ENABLES EQUIP COOLING SYS CONT (M131)	INHIBITS EQUIP COOLING SYS CONT (M131)	21-58-01	2
	7-14-8	ENABLES R ATC FLT LEG UPDATE	INHIBITS R ATC FLT LEG UPDATE	34-53-02	—
	11-9-10	INHIBITS L FMC FLT LEG UPDATE	ENABLES L FMC FLT LEG UPDATE	34-61-07	—
	1	PROVIDES ON GND 1 INPUT (GND) TO L FCC, C FCC, R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, R FCC	22-14-03	—
K 201 GND	5			22-14-03	—
	7	PROVIDES ON GND 1 INPUT (GND) TO MCPD	PROVIDES AIRBORNE INPUT (OPEN) TO MCPD	22-41-01	—
	11			22-41-01	—
	1	INHIBITS FUEL AUTO DE-ICE	ENABLES FUEL AUTO DE-ICE	73-14-01	1
K 202 GND	5				—
	7	ENABLES FAN 2 OFF COMMAND	INHIBITS FAN 2 OFF COMMAND	21-58-04	—
	11	ENABLES EICAS MAINT FUNCTION	INHIBITS EICAS MAINT FUNCTION	31-41-01	1
	1	ENABLES APU SHUTDOWN	INHIBITS APU SHUTDOWN	49-00-04	1
K 203 AIR	5	ENABLES EEC MONITOR	INHIBITS EEC MONITOR	77-35-01	—
	9-10-11	PROVIDE GROUND MODE	PROVIDE AIR MODE	73-21-01	—
	A(2-3-1)	SEE SHEET 1	SEE SHEET 1	32-09-03	1
K 204 GND	B(2-3-1)	ENABLES GND GALLEY LOAD SHED CONTROL RLYS	INHIBITS GND GALLEY LOAD SHED CONTROL RLYS	24-51-07	—
	C(2-3-1)	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	—
	D(2-3-1)	PROVIDES PWR TO L HYD PUMP (ENG OFF)	PROVIDES PWR TO L HYD (ENG ON)	29-00-02	2
	A	ENABLES 3.5 BLEED VENTING	INHIBITS 3.5 BLEED VENTING	75-30-01	1
K 205 AIR	B	INHIBITS F/O FOOT HEATER	ENABLES F/O FOOT HEATER	21-45-01	—
	C	ENABLES APU FIRE WARNING HORN	INHIBITS APU FIRE WARNING HORN	26-15-01	2
	D	ENABLES DRAIN MAST L0 HT	ENABLES DRAIN MAST HI HT	30-71-01	—
	1				—
K 206 GND	5	PROVIDES ON GND SCALING INPUT TO FQPU	PROVIDES AIRBORNE SCALING INPUT TO FQPU	28-41-01	1
	7	ENABLES LOGO LT PWR FROM GND SVCE BUS	ENABLES LOGO LT PWR FROM UTIL BUS	33-45-01	—
	11	ENABLES R T/R ISOL DETECT RLY HYDR PRESS. OR NOT	ENABLES R T/R ISOL DETECT RLY ONLY WHEN HYDR ARE PRESSURIZED	78-36-01	1
	1	ENABLES R ADC FUNCTION TEST	INHIBITS R ADC FUNCTION TEST	34-12-02	1
K 207 GND	7	ENABLES EXT PWR PRIORITY OVER R GCU	INHIBITS EXT PWR PRIORITY OVER R GCU	24-20-02	1
	11	ENABLES GND IDLE (R)	ENABLES CONDITIONAL FLT IDLE (R)	73-21-04	—
	A	PROVIDES ON GND INPUT TO EICAS	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
	B	ENABLES CTR E/E LIGHTS	INHIBITS CTR E/E LIGHTS	33-31-03	—
K 209 AIR	C	INHIBITS GND SVCE BUS LOAD SHED RELAY	ENABLES GND SVCE BUS LOAD SHED RELAY	24-51-05	2
	D	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	1
	1	ENABLES R PAC FLOW CONTROL & SHUTOFF VALVE	INHIBITS R PAC FLOW CONTROL & SHUTOFF VALVE	21-51-04	1
	5	ENABLES R PAC DOOR CLOSE	INHIBITS R PAC DOOR CLOSE	21-53-04	1
K 210 GND	7	ENABLES R PAC FLOW	INHIBITS R PAC FLOW	21-51-03	1
	1	PROVIDES ON GND INPUT (GND) TO L PFC	PROVIDES AIRBORNE INPUT (OPEN) TO L PFC	21-51-01	2
	5	ENABLES EXT PWR PRIORITY OVER APU	INHIBITS EXT PWR PRIORITY OVER APU	24-20-03	1
K 211 GND	7	INHIBITS AUTO 2 CABIN PRESS	ENABLES AUTO 2 CABIN PRESS	21-31-01	3
	11	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3

RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GND	IN AIR		
K 213 GND	A(2-3-1)	INHIBITS AC PWR TO DF0R & DFDAU	ENABLES AC PWR TO DF0R & DFDAU	31-31-01	1
	B(2-3-1)				—
	C(2-3-1)	ENABLES RAT. RETRACTION	ENABLES RAT. DEPLOY	29-00-06	1
	D(2-3-1)	PROVIDES ON GND (28V DC) INPUT TO DFDAU	PROVIDES AIRBORNE INPUT (OPEN) TO DFDAU	31-31-01	1
	1	PROVIDES GND DISCRETE TO APU CONTROL UNIT	NO EFFECT	49-00-05	—
K 214 GND	5	CLOSES OVHD EQUIP COOLING VALVE	OPENS OVHD EQUIP COOLING VALVE	21-58-06	3
	11	INHIBITS RT DME VOR, ILS, RAD, ALT, ADF	ENABLES RT DME VOR, ILS, RAD, ALT, ADF	34-55-02	—
	1	INHIBITS R STALL WARNING	ENABLES R STALL WARNING	27-32-01	—
K 215 GND	7	PROVIDES ON GND DISCRETE TO CONF WARN	PROVIDES AIRBORNE DISCRETE TO CONF WARN	31-51-03	—
K 219 AIR	5	ENABLES MASTER WARN FOR FIRE ON TAKE-OFF	INHIBITS MASTER WARN FOR FIRE ON TAKE-OFF	31-51-02	—
	7	INHIBITS AIR/GND NOSE OLEO ARM	ENABLES AIR/GND NOSE OLEO ARM	31-51-07	—
	1	ENABLES R AUTOBRAKE SYSTEM	INHIBITS R AUTOBRAKE SYSTEM	32-42-03	1
K 293 AIR	7	PROVIDES ON GND INPUT TO CSEU	PROVIDES IN AIR INPUT TO CSEU	27-09-06	—
	5	ENABLES BRAKE INDICATOR LIGHT	INHIBITS BRAKE INDICATOR LIGHT	34-41-01	1
	11	INHIBITS C ILS FLT LEG UPDATE	ENABLES C ILS FLT LEG UPDATE	34-33-03	—
	A	INHIBITS R AOA PROBE HT (IF ENGINE IS OFF)	ENABLES R AOA PROBE HT	30-32-01	—
K 517 GND	B	INHIBITS R ENG MACH PROBE HT	ENABLES R ENG MACH PROBE HT	30-34-02	1
	C	ENABLES L TAT ANN IF ENG & TAT PROBE ON OR ENG & TAT PROBE HT IS OFF	ENABLES L TAT ANN IF TAT PROBE HT IS OFF	30-33-01	—
	D	INHIBITS ENG TT2/PT2 PROBE HT IF ENG IS OFF	ENABLES ENG TT2/PT2 PROBE IF ENG IS OFF	30-34-01	—
	A	ENABLES SETTING WAI DISCRETE BASED ON WAI SW POSITION	INHIBITS SETTING WAI DISCRETE BASED ON WAI SW POSITION	73-21-03	—
K 518 GND	B	ENABLES AUTO SPEED BRAKES	INHIBITS AUTO SPEED BRAKES	27-62-01	1
	C	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
	A	ENABLES L WING TAI OVHT SW	INHIBITS L WING TAI OVHT SW	30-11-01	1
K 520 GND	B	ENABLES R WING TAI OVHT SW	INHIBITS R WING TAI OVHT SW	30-11-01	1
	C	ENABLES WING TAI TEST	ENABLES WING TAI	30-11-01	1
	D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-34-01	—
	A	ENABLES L AUX P/S L0 HT INHIBITS L AUX P/S HI HT	ENABLES L AUX P/S HI HT INHIBITS L AUX P/S L0 HT	30-31-01	2
K 522 GND	B	INHIBITS L AUX P/S AUTO IND	ENABLES L AUX P/S AUTO IND	30-31-01	2
	C	ENABLES R AUX P/S L0 HT	INHIBITS R AUX P/S L0 HT	30-31-01	2
	D	L AUX P/S HT	L AUX P/S HT	30-31-01	2
	A	ENABLES F/O P/S L0 HT INHIBITS F/O P/S HI HT	ENABLES F/O P/S HI HT INHIBITS F/O P/S L0 HT	30-31-01	1
K 528 GND	B	INHIBITS R P/S AUTO IND	ENABLES R P/S AUTO IND	30-31-01	1
	C	ENABLES CAPT P/S L0 HT	INHIBITS CAPT P/S L0 HT	30-31-01	1
	D	F/O P/S HT	F/O P/S HT	30-31-01	1
	A	ENABLES R BLEED AIR	INHIBITS R BLEED AIR	36-11-06	—
K 721 GND	B				—
	C				—
	A	DISABLES PTU ON GROUND	ENABLES PTU IN AIR	29-11-14	—
K 1064 GND					—
K 2157 GND	A	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-01	—
	B,C,D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-02	—

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AIR/GROUND RELAYS SYSTEM 2

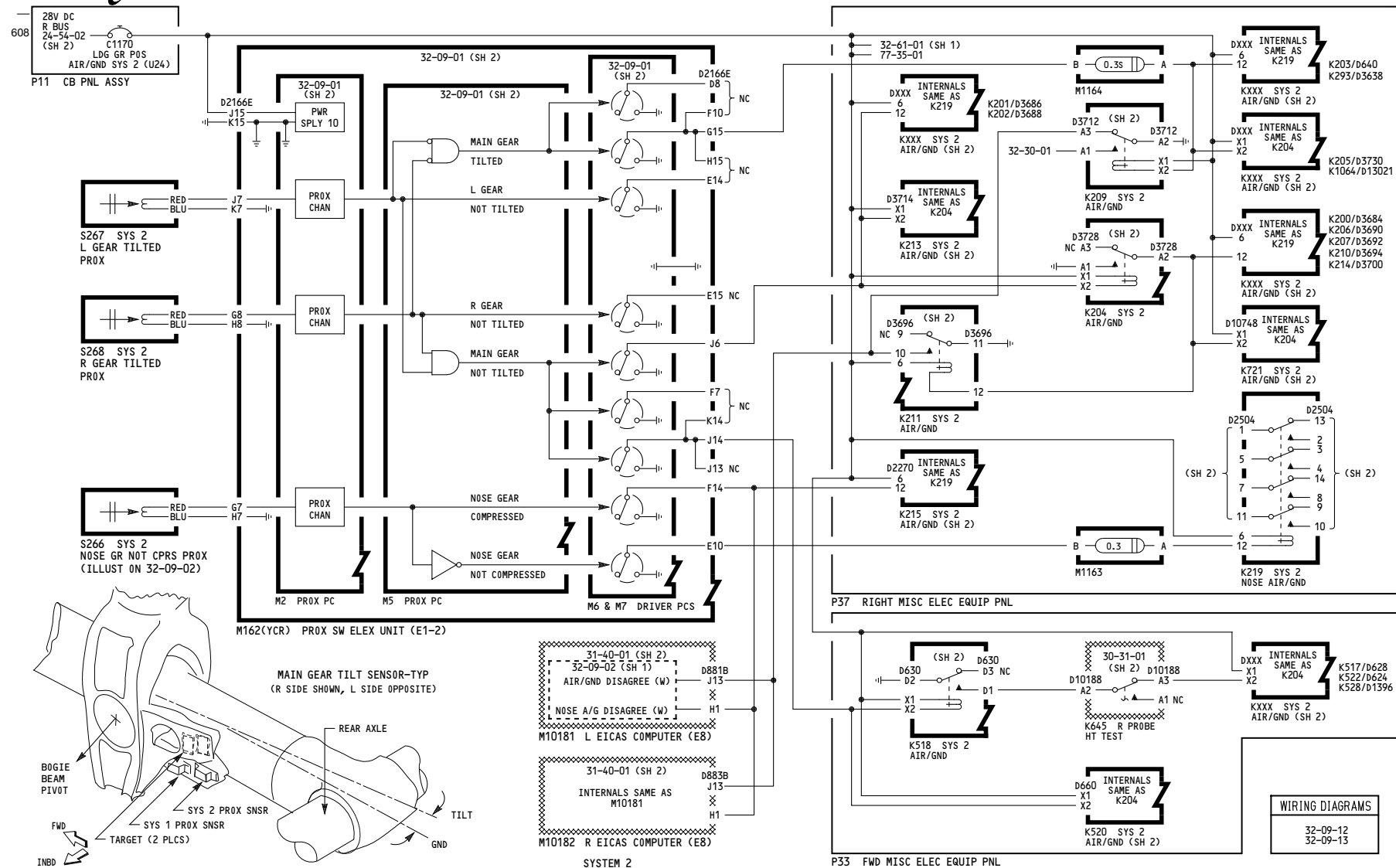
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RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GND	IN AIR		
K 200 GND	1				
	5-3-4	ENABLES EQUIP COOLING SYS CONT (M131)	INHIBITS EQUIP COOLING SYS CONT (M131)	21-58-01	2
	7-14-8	ENABLES R ATC FLT LEG UPDATE	INHIBITS R ATC FLT LEG UPDATE	34-53-02	—
	11-9-10	INHIBITS L FMC FLT LEG UPDATE	ENABLES L FMC FLT LEG UPDATE	34-61-07	—
K 201 GND	1	PROVIDES ON GND 1 INPUT (GND) TO L FCC, C FCC, R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, R FCC	22-14-03	—
	5			22-14-03	—
	7	PROVIDES ON GND 1 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT (OPEN) TO MCDP	22-41-01	—
	11			22-41-01	—
K 202 GND	7				
	11	ENABLES EICAS MAINT FUNCTION	INHIBITS EICAS MAINT, FUNCTION	31-41-01	1
K 203 AIR	1	ENABLES APU SHUTDOWN	INHIBITS APU SHUTDOWN	49-00-04	1
	5	ENABLES EEC MONITOR	INHIBITS EEC MONITOR	77-35-01	—
	9-10-11	PROVIDE GROUND MODE	PROVIDE AIR MODE	73-21-01	—
K 204 GND	A(2-3-1)				
	B(2-3-1)	ENABLES GND GALLEY LOAD SHED CONTROL RLYS	INHIBITS GND GALLEY LOAD SHED CONTROL RLYS	24-51-07	—
	C(2-3-1)	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	—
	D(2-3-1)	PROVIDES PWR TO L HYD PUMP (ENG "OFF")	PROVIDES PWR TO L HYD PUMP (ENG "ON")	29-00-02	2
K 205 AIR	A	ENABLES GND IDLE (R)	ENABLES FLT IDLE (R)	73-21-04	
	B	INHIBITS F/O FOOT HEATER	ENABLES F/O FOOT HEATER	21-45-01	—
	C	ENABLES APU FIRE WARNING HORN	INHIBITS APU FIRE WARNING HORN	26-15-01	2
	D	ENABLES DRAIN MAST LO HT	ENABLES DRAIN MAST HI HT	30-71-01	
K 206 GND	1				
	5	PROVIDES ON GND SCALING INPUT TO FQIS	PROVIDES AIRBORNE SCALING INPUT TO FQIS	28-41-01	1
	7				
	11	ENABLES R T/R ISOL DETECT RLY HYDR PRESS. OR NOT	ENABLES R T/R ISOL DETECT RLY ONLY WHEN HYDR ARE PRESSURIZED	78-36-01	1
K 207 GND	1	ENABLES R ADC FUNCTION TEST	INHIBITS R ADC FUNCTION TEST	34-12-02	1
	7	ENABLES EXT PWR PRIORITY OVER R GCU	INHIBITS EXT PWR PRIORITY OVER R GCU	24-20-02	1
	11	ENABLES GND IDLE (R)	ENABLES FLIGHT IDLE (R)	73-21-04	—
K 209 AIR	A	PROVIDES ON GND INPUT TO EICAS	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
	B	ENABLES CTR E/E LIGHTS	INHIBITS CTR E/E LIGHTS	33-31-03	—
	C	INHIBITS LOAD SHED RELAY	ENABLES LOAD SHED RELAY	24-51-05	2
	D	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	
K 210 GND	1	ENABLES R PAC FLOW CONTROL & SHUTOFF VALVE	INHIBITS R PAC FLOW CONTROL & SHUTOFF VALVE	21-51-04	1
	5	ENABLES R PAC DOOR CLOSE	INHIBITS R PAC DOOR CLOSE	21-53-04	1
	7	ENABLES R PAC FLOW	INHIBITS R PAC FLOW	21-51-03	1
	11				
K 211 GND	1	PROVIDES ON GND INPUT (GND) TO L PFC	PROVIDES AIRBORNE INPUT (OPEN) TO L PFC	21-51-01	2
	5	ENABLES EXT PWR PRIORITY OVER APU	INHIBITS EXT PWR PRIORITY OVER APU	24-20-03	1
	7	INHIBITS AUTO. 2 CABIN PRESS.	ENABLES AUTO. 2 CABIN PRESS.	21-31-01	3
	11	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3

RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GND	IN AIR		
K 213 GND	A(2-3-1)	INHIBITS AC PWR TO DFOR & DFDAU	ENABLES AC PWR TO DFOR & DFDAU	31-31-01	1
	B(2-3-1)				
	C(2-3-1)	ENABLES RAT. RETRACTION	ENABLES RAT. DEPLOY	29-00-06	1
	D(2-3-1)	PROVIDES ON GND (28V DC) INPUT TO DFDAU	PROVIDES AIRBORNE INPUT (OPEN) TO DFDAU	31-31-01	1
K 214 GND	1	PROVIDES GND DISCRETE TO APU CONTROL UNIT	NO EFFECT	49-00-05	—
	5	CLOSES OVHD EQUIP COOLING VALVE	OPENS OVHD EQUIP COOLING VALVE	21-58-06	3
	7				
	11	INHIBITS RT DME VOR, ILS, RAD, ALT, ADF	ENABLES RT DME VOR, ILS, RAD, ALT, ADF	34-55-02	—
K 215 GND	1	INHIBITS R STALL WARNING	ENABLES R STALL WARNING	27-32-01	—
	5				
	7	PROVIDES "ON GND" DISCRETE CONFIG WRN	PROVIDES "AIRBORNE" DISCRETE CONFIG WRN	31-51-03	—
	11				
K 219 AIR	1				
	5	ENABLES MASTER WRN FOR FIRE ON TAKE-OFF	INHIBITS MASTER WRN FOR FIRE ON TAKE-OFF	31-51-02	—
	7	INHIBITS AIR/GND NOSE OLEO ARM	ENABLES AIR/GND NOSE OLEO ARM	31-51-07	—
	11				
K 293 AIR	1	ENABLES R AUTOBRAKE SYSTEM	INHIBITS R AUTOBRAKE SYSTEM	32-42-03	1
	5	PROVIDES "ON GND" INPUT TO CSEU	PROVIDES "AIRBORNE" INPUT TO CSEU	27-09-06	—
	7	ENABLES EEC MONITOR R DATA BUS	INHIBITS EEC MONITOR R DATA BUS	77-35-01	—
	11	INHIBITS C ILS FLT LEG UPDATE	ENABLES C ILS FLT LEG UPDATE	34-33-03	—
K 517 GND	A	INHIBITS R AOA PROBE HT (IF ENGINE IS OFF)	ENABLES R AOA PROBE HT	30-32-01	—
	B				
	C	ENABLES L TAT ANN IF ENG & TAT PROBE ON OR ENG & TAT PROBE HT IS OFF	ENABLES L TAT ANN IF TAT PROBE HT IS OFF	30-33-01	—
	D				
K 518 GND	A				
	B	ENABLES AUTO. SPEED BRAKES	INHIBITS AUTO. SPEED BRAKES	27-62-01	1
	C	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 520 GND	A	ENABLES L WING TAI OVHT SW	INHIBITS L WING TAI OVHT SW	30-11-01	1
	B	ENABLES R WING TAI OVHT SW	INHIBITS R WING TAI OVHT SW	30-11-01	1
	C	ENABLES WING TAI TEST	ENABLES WING TAI	30-11-01	1
	D				
K 522 GND	A	ENABLES L AUX P/S LO HT INHIBITS L AUX P/S HI HT	ENABLES L AUX P/S HI HT INHIBITS L AUX P/S LO HT	30-31-01	2
	B	INHIBITS L AUX P/S AUTO. IND	ENABLES L AUX P/S AUTO. IND	30-31-01	2
	C	ENABLES R AUX P/S LO HT	INHIBITS R AUX P/S LO HT	30-31-01	2
	D	L AUX P/S HT	L AUX P/S HT	30-31-01	2
K 528 GND	A	ENABLES F/O P/S LO HT INHIBITS F/O P/S HI HT	ENABLES F/O P/S HI HT INHIBITS F/O P/S LO HT	30-31-01	1
	B	INHIBITS R P/S AUTO. IND	ENABLES R P/S AUTO. IND	30-31-01	1
	C	ENABLES CAPT P/S LO HT	INHIBITS CAPT P/S LO HT	30-31-01	1
	D	F/O P/S HT	F/O P/S HT	30-31-01	1
K 721 GND	A	ENABLES R BLEED AIR	INHIBITS R BLEED AIR	36-11-06	—
	B				
K 1064 GND	A	DISABLES PTU ON GROUND	ENABLES PTU IN AIR	29-11-14	—

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RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GND	IN AIR		
K 200 GND	1				
	5-3-4	ENABLES EQUIP COOLING SYS CONT (M131)	INHIBITS EQUIP COOLING SYS CONT (M131)	21-58-01	2
	7-14-8	ENABLES R ATC FLT LEG UPDATE	INHIBITS R ATC FLT LEG UPDATE	34-53-02	—
	11-9-10	INHIBITS L FMC FLT LEG UPDATE	ENABLES L FMC FLT LEG UPDATE	34-61-07	—
K 201 GND	1	PROVIDES ON GND 1 INPUT (GND) TO L FCC, C FCC, R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, R FCC	22-14-03	—
	5			22-14-03	—
	7	PROVIDES ON GND 1 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT (OPEN) TO MCDP	22-41-01	—
	11			22-41-01	—
K 202 GND	3-4-5	PROVIDES GND MODE	PROVIDES AIR MODE	30-81-11	2
	11	ENABLES EICAS MAINT FUNCTION	INHIBITS EICAS MAINT, FUNCTION	31-41-01	1
K 203 AIR	1	ENABLES APU SHUTDOWN	INHIBITS APU SHUTDOWN	49-00-04	1
	5	ENABLES EEC MONITOR	INHIBITS EEC MONITOR	77-35-01	—
	9-10-11	PROVIDE GROUND MODE	PROVIDE AIR MODE	73-21-01	—
K 204 GND	A(2-3-1)				
	B(2-3-1)	ENABLES GND GALLEY LOAD SHED CONTROL RLYS	INHIBITS GND GALLEY LOAD SHED CONTROL RLYS	24-51-07	—
	C(2-3-1)	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	—
	D(2-3-1)	PROVIDES PWR TO L HYD PUMP (ENG "OFF")	PROVIDES PWR TO L HYD PUMP (ENG "ON")	29-00-02	2
K 205 AIR	A	ENABLES GND IDLE (R)	ENABLES FLT IDLE (R)	73-21-04	
	B	INHIBITS F/O FOOT HEATER	ENABLES F/O FOOT HEATER	21-45-01	—
	C	ENABLES APU FIRE WARNING HORN	INHIBITS APU FIRE WARNING HORN	26-15-01	2
	D	ENABLES DRAIN MAST LO HT	ENABLES DRAIN MAST HI HT	30-71-01	
K 206 GND	1				
	5	PROVIDES ON GND SCALING INPUT TO FQIS	PROVIDES AIRBORNE SCALING INPUT TO FQIS	28-41-01	1
	7				
K 207 GND	11	ENABLES R T/R ISOL DETECT RLY HYDR PRESS OR NOT	ENABLES R T/R ISOL DETECT RLY ONLY WHEN HYDR ARE PRESSURIZED	78-36-01	1
	1	ENABLES R ADC FUNCTION TEST	INHIBITS R ADC FUNCTION TEST	34-12-02	1
	7	ENABLES EXT PWR PRIORITY OVER R GCU	INHIBITS EXT PWR PRIORITY OVER R GCU	24-20-02	1
K 209 AIR	11	ENABLES GND IDLE (R)	ENABLES FLIGHT IDLE (R)	73-21-04	—
	A	PROVIDES ON GND INPUT TO EICAS	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
	B	ENABLES CTR E/E LIGHTS	INHIBITS CTR E/E LIGHTS	33-31-03	—
	C	INHIBITS LOAD SHED RELAY	ENABLES LOAD SHED RELAY	24-51-05	2
K 210 GND	D	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	
	1	ENABLES R PAC FLOW CONTROL & SHUTOFF VALVE	INHIBITS R PAC FLOW CONTROL & SHUTOFF VALVE	21-51-04	1
	5	ENABLES R PAC DOOR CLOSE	INHIBITS R PAC DOOR CLOSE	21-53-04	1
	7	ENABLES R PAC FLOW	INHIBITS R PAC FLOW	21-51-03	1
K 211 GND	11				
	1	PROVIDES ON GND INPUT (GND) TO L PFC	PROVIDES AIRBORNE INPUT (OPEN) TO L PFC	21-51-01	2
	5	ENABLES EXT PWR PRIORITY OVER APU	INHIBITS EXT PWR PRIORITY OVER APU	24-20-03	1
	7	INHIBITS AUTO 2 CABIN PRESS	ENABLES AUTO 2 CABIN PRESS	21-31-01	3
	11	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3

RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GND	IN AIR		
K 213 GND	A(2-3-1)	INHIBITS AC PWR TO DF0R & DFDAU	ENABLES AC PWR TO DF0R & DFDAU	31-31-01	1
	B(2-3-1)				
	C(2-3-1)	ENABLES RAT RETRACTION	ENABLES RAT DEPLOY	29-00-06	1
	D(2-3-1)	PROVIDES ON GND (28V DC) INPUT TO DFDAU	PROVIDES AIRBORNE INPUT (OPEN) TO DFDAU	31-31-01	1
K 214 GND	1	PROVIDES GND DISCRETE TO APU CONTROL UNIT	NO EFFECT	49-00-05	—
	5	CLOSES OVHD EQUIP COOLING VALVE	OPENS OVHD EQUIP COOLING VALVE	21-58-06	3
	7				
	11	INHIBITS RT DME VOR, ILS, RAD, ALT, ADF	ENABLES RT DME VOR, ILS, RAD, ALT, ADF	34-55-02	—
K 215 GND	1	INHIBITS R STALL WARNING	ENABLES R STALL WARNING	27-32-01	—
	5				
	7	PROVIDES "ON GND" DISCRETE CONFIG WRN	PROVIDES "AIRBORNE" DISCRETE CONFIG WRN	31-51-03	—
	11				
K 219 AIR	1				
	5	ENABLES MASTER WRN FOR FIRE ON TAKE-OFF	INHIBITS MASTER WRN FOR FIRE ON TAKE-OFF	31-51-02	—
	7	INHIBITS AIR/GND NOSE OLEO ARM	ENABLES AIR/GND NOSE OLEO ARM	31-51-07	—
	11				
K 293 AIR	1	ENABLES R AUTOBRAKE SYSTEM	INHIBITS R AUTOBRAKE SYSTEM	32-42-03	1
	5	PROVIDES "ON GND" INPUT TO CSEU	PROVIDES "AIRBORNE" INPUT TO CSEU	27-09-06	—
	7	ENABLES EEC MONITOR R DATA BUS	INHIBITS EEC MONITOR R DATA BUS	77-35-01	—
	11	INHIBITS C ILS FLT LEG UPDATE	ENABLES C ILS FLT LEG UPDATE	34-33-03	—
K 517 GND	A	INHIBITS R AOA PROBE HT (IF ENGINE IS OFF)	ENABLES R AOA PROBE HT	30-32-01	—
	B				
K 518 GND	A	ENABLES L TAT ANN IF ENG & TAT PROBE ON OR ENG & TAT PROBE HT IS OFF	ENABLES L TAT ANN IF TAT PROBE HT IS OFF	30-33-01	—
	B	ENABLES AUTO SPEED BRAKES	INHIBITS AUTO SPEED BRAKES	27-62-01	1
	C	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 520 GND	A	ENABLES L WING TAI OVHT SW	INHIBITS L WING TAI OVHT SW	30-11-01	1
	B	ENABLES R WING TAI OVHT SW	INHIBITS R WING TAI OVHT SW	30-11-01	1
	C	ENABLES WING TAI TEST	ENABLES WING TAI	30-11-01	1
	D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-34-01	—
K 522 GND	A	ENABLES L AUX P/S LO HT INHIBITS L AUX P/S HI HT	ENABLES L AUX P/S HI HT INHIBITS L AUX P/S LO HT	30-31-01	2
	B	INHIBITS L AUX P/S AUTO IND	ENABLES L AUX P/S AUTO IND	30-31-01	2
	C	ENABLES R AUX P/S LO HT	INHIBITS R AUX P/S LO HT	30-31-01	2
	D	L AUX P/S HT	L AUX P/S HT	30-31-01	2
K 528 GND	A	ENABLES F/O P/S LO HT INHIBITS F/O P/S HI HT	ENABLES F/O P/S HI HT INHIBITS F/O P/S LO HT	30-31-01	1
	B	INHIBITS R P/S AUTO IND	ENABLES R P/S AUTO IND	30-31-01	1
	C	ENABLES CAPT P/S LO HT	INHIBITS CAPT P/S LO HT	30-31-01	1
	D	F/O P/S HT	F/O P/S HT	30-31-01	1
K 721 GND	A	ENABLES R BLEED AIR	INHIBITS R BLEED AIR	36-11-06	—
	B				
K 1064 GND	A	DISABLES PTU ON GROUND	ENABLES PTU IN AIR	29-11-14	—
K 2157 GND	A	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-01	—
	B,C,D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-09-02	—

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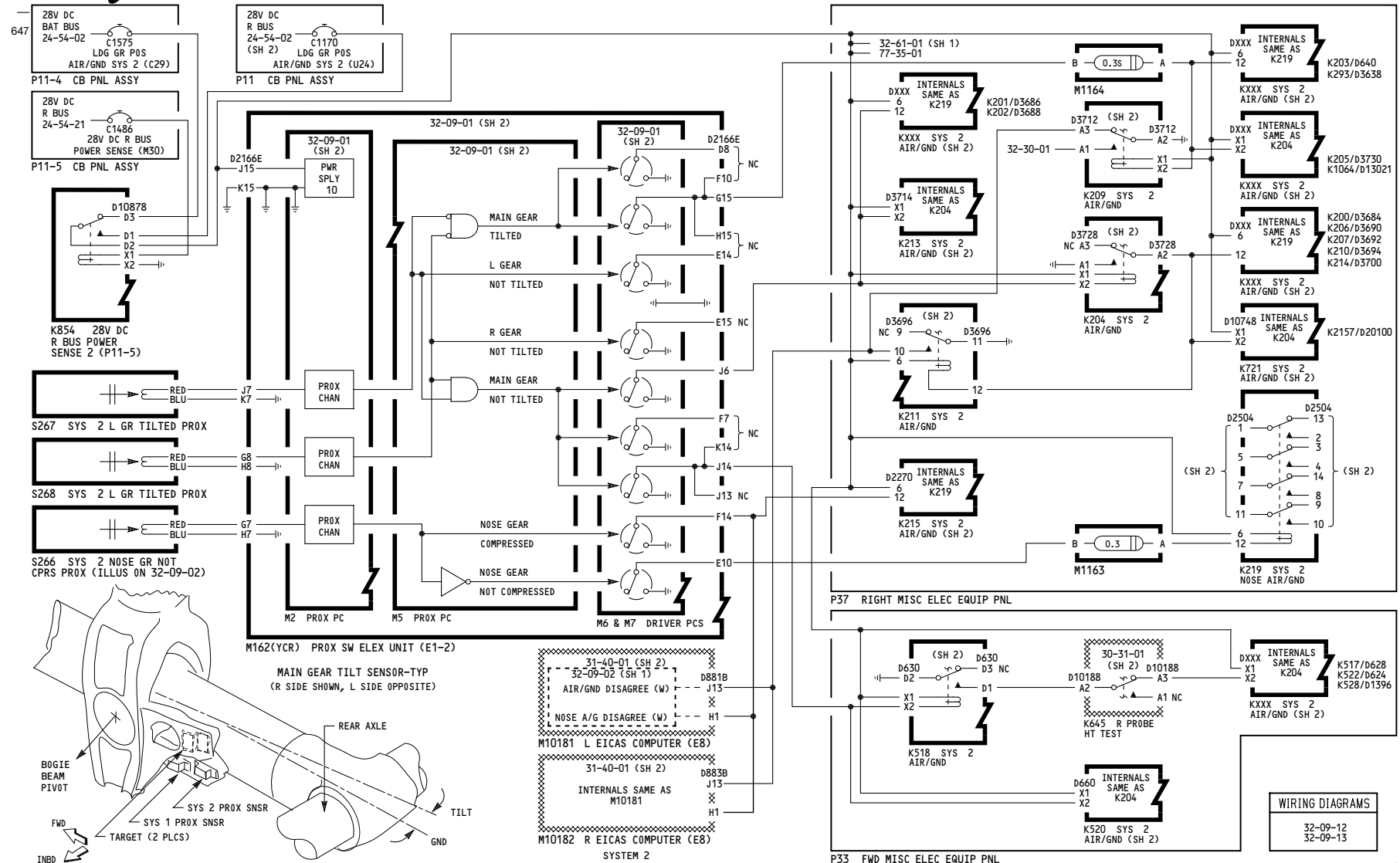
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758	RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
			ON GND	IN AIR		
K 200 GND		1-13-2	PROVIDES ON GND (GND) INPUT TO CSEU	PROVIDES AIRBORNE(OPEN) INPUT TO CSEU	27-09-06	—
		5-3-4	ENABLES EQUIP COOLING SYS CONT (M131)	INHIBITS EQUIP COOLING SYS CONT (M131)	21-58-01	2
		7-14-8	ENABLES R ATC FLT LEG UPDATE	INHIBITS R ATC FLT LEG UPDATE	34-53-02	—
		11-9-10	INHIBITS L FMC FLT LEG UPDATE	ENABLES L FMC FLT LEG UPDATE	34-61-07	—
K 201 GND		1	PROVIDES ON GND 1 INPUT (GND) TO L FCC, C FCC, R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, R FCC	22-14-03	—
		5			22-14-03	—
		7	PROVIDES ON GND 1 INPUT (GND) TO MCPD	PROVIDES AIRBORNE INPUT (OPEN) TO MCPD	22-41-01	—
		11			22-41-01	—
K 202 GND		1	INHIBITS FUEL AUTO DE-ICE	ENABLES FUEL AUTO DE-ICE	73-14-01	1
		5	PROVIDE GROUND MODE	PROVIDE AIR MODE	30-81-01	—
		7				
		11	ENABLES EICAS MAINT FUNCTION	INHIBITS EICAS MAINT FUNCTION	31-41-01	1
K 203 AIR		1	ENABLES APU SHUTDOWN	INHIBITS APU SHUTDOWN	49-00-04	1
		5	ENABLES EEC MONITOR	INHIBITS EEC MONITOR	77-35-01	—
		11	PROVIDE GROUND MODE	PROVIDE AIR MODE	73-21-01	—
		A(2-3-1)				
K 204 GND		B(2-3-1)	ENABLES GND GALLEY LOAD SHED CONTROL RLYS	INHIBITS GND GALLEY LOAD SHED CONTROL RLYS	24-51-07	—
		C(2-3-1)	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	—
		D(2-3-1)	PROVIDES PWR TO L HYD PUMP (ENG OFF)	PROVIDES PWR TO L HYD PUMP (ENG ON)	29-00-02	2
K 205 AIR		A	ENABLES 3.5 BLEED VENTING	INHIBITS 3.5 BLEED VENTING	75-30-01	1
		B	INHIBITS F/O FOOT HEATER	ENABLES F/O FOOT HEATER	21-45-01	—
		C	ENABLES APU FIRE WARNING HORN	INHIBITS APU FIRE WARNING HORN	26-15-01	2
		D	ENABLES DRAIN MAST LO HT	ENABLES DRAIN MAST HI HT	30-71-01	
K 206 GND		1				
		5	PROVIDES ON GND SCALING INPUT TO FQIS	PROVIDES AIRBORNE SCALING INPUT TO FQIS	28-41-01	1
		7	ENABLES LOGO LT PWR FROM GND SVCE BUS	ENABLES LOGO LT PWR FROM UTIL BUS	33-45-01	—
		11	ENABLES R T/R ISOL DETECT RLY HYDR PRESS. OR NOT	ENABLES R T/R ISOL DETECT RLY ONLY WHEN HYDR ARE PRESSURIZED	78-36-01	1
K 207 GND		1	ENABLES R ADC FUNCTION TEST	INHIBITS R ADC FUNCTION TEST	34-12-02	1
		5	INHIBITS AUTO 2 CABIN PRESS	ENABLES AUTO 2 CABIN PRESS	21-31-01	3
		7	ENABLES EXT PWR PRIORITY OVER R GCU	INHIBITS EXT PWR PRIORITY OVER R GCU	24-20-02	1
		11	ENABLES GND IDLE (R)	ENABLES CONDITIONAL FLT IDLE (R)	73-21-04	—
K 209 AIR		A	PROVIDES ON GND INPUT TO EICAS	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
		B	ENABLES CTR E/E LIGHTS	INHIBITS CTR E/E LIGHTS	33-31-03	—
		C	INHIBITS LOAD SHED RELAY	ENABLES LOAD SHED RELAY	24-51-05	2
		D	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	1
K 210 GND		1	ENABLES R PAC FLOW CONTROL & SHUTOFF VALVE	INHIBITS R PAC FLOW CONTROL & SHUTOFF VALVE	21-51-04	1
		5	ENABLES R PAC DOOR CLOSE	INHIBITS R PAC DOOR CLOSE	21-53-04	1
		7	ENABLES R PAC FLOW	INHIBITS R PAC FLOW	21-51-03	1
		11				
K 211 GND		1	PROVIDES ON GND INPUT (GND) TO L PFC	PROVIDES AIRBORNE INPUT (OPEN) TO L PFC	21-51-01	2
		5	ENABLES EXT PWR PRIORITY OVER APU	INHIBITS EXT PWR PRIORITY OVER APU	24-20-03	1
		7	INHIBITS AUTO 2 CABIN PRESS	ENABLES AUTO 2 CABIN PRESS	21-31-01	3
		11	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3

758	RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
			ON GND	IN AIR		
K 213 GND		A(2-3-1)	INHIBITS AC PWR TO DF0R & DFDAU	ENABLES AC PWR TO DF0R & DFDAU	31-31-01	1
		B(2-3-1)				
		C(2-3-1)	ENABLES RAT RETRACTION	ENABLES RAT DEPLOY	29-00-06	1
		D(2-3-1)	PROVIDES AIRBORNE (28V DC) INPUT TO DFDAU	PROVIDES ON GND INPUT (OPEN) TO DFDAU	31-31-01	1
K 214 GND		1	PROVIDES GND DISCRETE TO APU CONTROL UNIT	NO EFFECT	49-00-05	—
		5	CLOSES OVHD EQUIP COOLING VALVE	OPENS OVHD EQUIP COOLING VALVE	21-58-06	3
		7				
		11	INHIBITS RT DME VOR, ILS, RAD, ALT, ADF	ENABLES RT DME VOR, ILS, RAD, ALT, ADF	34-55-02	—
K 215 GND		1	INHIBITS R STALL WARNING	ENABLES R STALL WARNING	27-32-01	—
		7	PROVIDES "ON GND" DISCRETE CONFIG WRN	PROVIDES "AIRBORNE" DISCRETE CONFIG WRN	31-51-03	—
K 219 AIR		5	ENABLES MASTER WRN FOR FIRE ON TAKE-OFF	INHIBITS MASTER WRN FOR FIRE ON TAKE-OFF	31-51-02	—
		7	INHIBITS AIR/GND NOSE OLEO ARM	ENABLES AIR/GND NOSE OLEO ARM	31-51-07	—
K 293 AIR		1	ENABLES R AUTOBRAKE SYSTEM	INHIBITS R AUTOBRAKE SYSTEM	32-42-03	1
		5	PROVIDES "ON GND" INPUT TO CSEU	PROVIDES "AIRBORNE" INPUT TO CSEU	27-09-06	—
		7	ENABLES BRAKE INDICATOR LIGHT	INHIBITS BRAKE INDICATOR LIGHT	32-41-01	1
		11	INHIBITS C ILS FLT LEG UPDATE	ENABLES C ILS FLT LEG UPDATE	34-33-03	—
K 517 GND		A	INHIBITS R AOA PROBE HT (IF ENGINE IS OFF)	ENABLES R AOA PROBE HT	30-32-01	—
		B	INHIBITS R ENG MACH PROBE HT	ENABLES R ENG MACH PROBE HT	30-34-02	1
		C	ENABLES L TAT ANN IF ENG & TAT PROBE ON OR ENG & TAT PROBE HT IS OFF	ENABLES L TAT ANN IF TAT PROBE HT IS OFF	30-33-01	—
		D	INHIBITS ENG TT2/PT2 PROBE HT IF ENG IS OFF	ENABLES ENG TT2/PT2 PROBE IF ENG IS OFF	30-34-01	—
K 518 GND		B	ENABLES AUTO SPEED BRAKES	INHIBITS AUTO SPEED BRAKES	27-62-01	1
		C	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 520 GND		A	ENABLES L WING TAI OVHT SW	INHIBITS L WING TAI OVHT SW	30-11-01	1
		B	ENABLES R WING TAI OVHT SW	INHIBITS R WING TAI OVHT SW	30-11-01	1
		C	ENABLES WING TAI TEST	ENABLES WING TAI	30-11-01	1
		D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-34-01	—
K 522 GND		A	ENABLES L AUX P/S LO HT INHIBITS L AUX P/S HI HT	ENABLES L AUX P/S HI HT INHIBITS L AUX P/S LO HT	30-31-01	2
		B	INHIBITS L AUX P/S AUTO. IND	ENABLES L AUX P/S AUTO. IND	30-31-01	2
		C	ENABLES R AUX P/S LO HT	INHIBITS R AUX P/S LO HT	30-31-01	2
		D	L AUX P/S HT	L AUX P/S HT	30-31-01	2
K 528 GND		A	ENABLES F/O P/S LO HT INHIBITS F/O P/S HI HT	ENABLES F/O P/S HI HT INHIBITS F/O P/S LO HT	30-31-01	1
		B	INHIBITS R P/S AUTO IND	ENABLES R P/S AUTO IND	30-31-01	1
		C	ENABLES CAPT P/S LO HT	INHIBITS CAPT P/S LO HT	30-31-01	1
		D	F/O P/S HT	F/O P/S HT	30-31-01	1
K 721 GND		A	ENABLES R BLEED AIR	INHIBITS R BLEED AIR	36-11-06	—
		B	ENABLES ADDITIONAL 30 MIN FIRE PROTECTION - FWD CARGO	INHIBITS ADDITIONAL 30 MIN FIRE PROTECTION - FWD CARGO	26-23-01	2
		C	ENABLES ADDITIONAL 30 MIN FIRE PROTECTION - AFT CARGO	INHIBITS ADDITIONAL 30 MIN FIRE PROTECTION - AFT CARGO	26-23-01	2
		A	DISABLES PTU ON GROUND	ENABLES PTU IN AIR	29-11-14	—
K 1064 GND						
K 2157 GND		A	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-01	
		B,C,D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-02	

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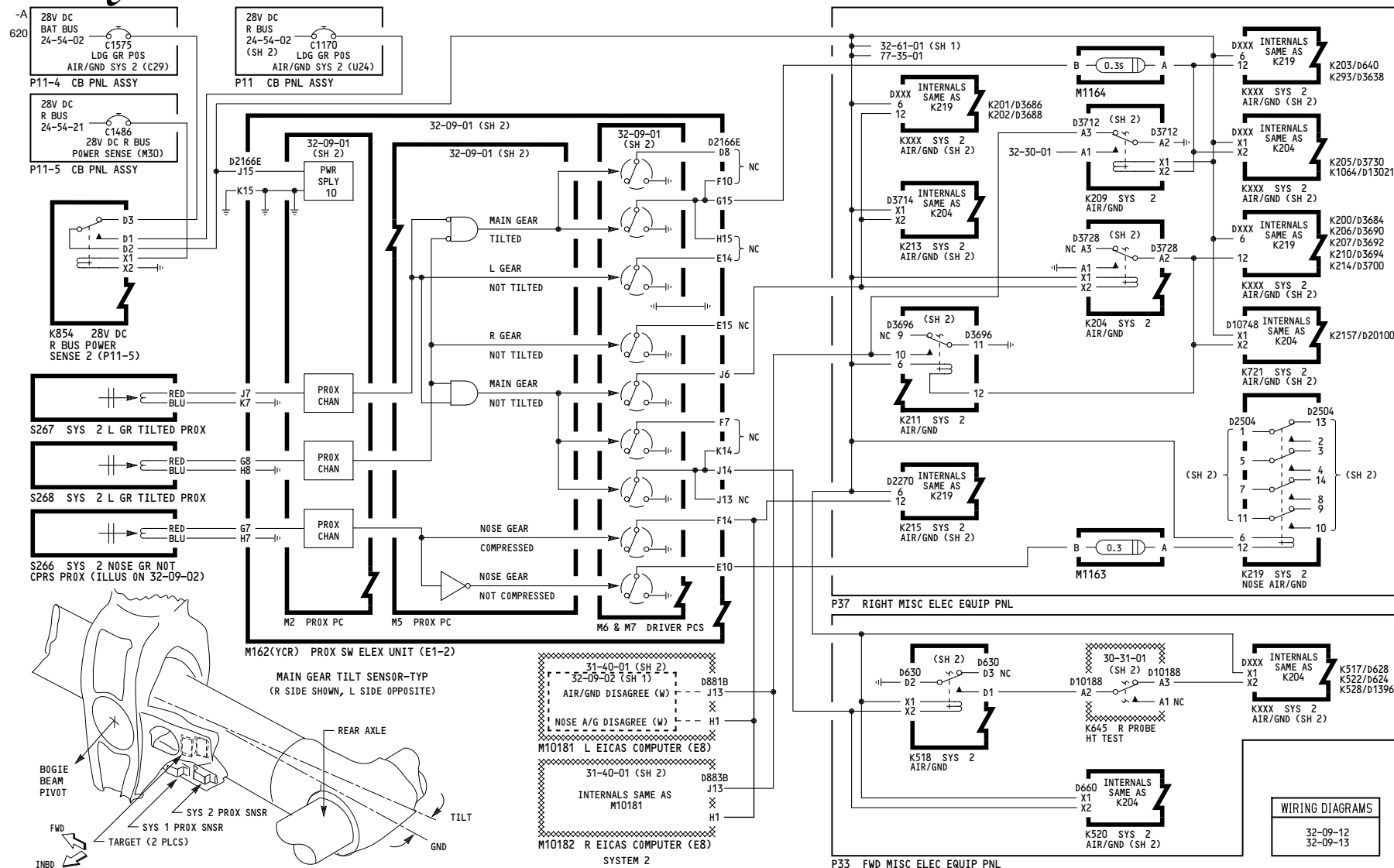
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RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GND	IN AIR		
K 200 GND	1-13-2	PROVIDES ON GND (GND) INPUT TO CSEU	PROVIDES AIRBORNE(OPEN) INPUT TO CSEU	27-09-06	—
	5-3-4	ENABLES EQUIP COOLING SYS CONT (M131)	INHIBITS EQUIP COOLING SYS CONT (M131)	21-58-01	2
	7-14-8	ENABLES R ATC FLT LEG UPDATE	INHIBITS R ATC FLT LEG UPDATE	34-53-02	—
	11-9-10	INHIBITS L FMC FLT LEG UPDATE	ENABLES L FMC FLT LEG UPDATE	34-61-07	—
K 201 GND	1	PROVIDES ON GND 1 INPUT (GND) TO L FCC, C FCC, R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, R FCC	22-14-03	—
	5			22-14-03	—
	7	PROVIDES ON GND 1 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT (OPEN) TO MCDP	22-41-01	—
	11			22-41-01	—
K 202 GND	1	INHIBITS FUEL AUTO DE-ICE	ENABLES FUEL AUTO DE-ICE	73-14-01	1
	5	PROVIDE GROUND MODE	PROVIDE AIR MODE	30-81-01	—
	7				
	11	ENABLES EICAS MAINT FUNCTION	INHIBITS EICAS MAINT FUNCTION	31-41-01	1
K 203 AIR	1	ENABLES APU SHUTDOWN	INHIBITS APU SHUTDOWN	49-00-04	1
	5	ENABLES EEC MONITOR	INHIBITS EEC MONITOR	77-35-01	—
	11	PROVIDE GROUND MODE	PROVIDE AIR MODE	73-21-01	—
K 204 GND	A(2-3-1)				
	B(2-3-1)	ENABLES GND GALLEY LOAD SHED CONTROL RLYS	INHIBITS GND GALLEY LOAD SHED CONTROL RLYS	24-51-07	—
	C(2-3-1)	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	—
	D(2-3-1)	PROVIDES PWR TO L HYD PUMP (ENG OFF)	PROVIDES PWR TO L HYD PUMP (ENG ON)	29-00-02	2
K 205 AIR	A	ENABLES 3.5 BLEED VENTING	INHIBITS 3.5 BLEED VENTING	75-30-01	1
	B	INHIBITS F/O FOOT HEATER	ENABLES F/O FOOT HEATER	21-45-01	—
	C	ENABLES APU FIRE WARNING HORN	INHIBITS APU FIRE WARNING HORN	26-15-01	2
	D	ENABLES DRAIN MAST LO HT	ENABLES DRAIN MAST HI HT	30-71-01	
K 206 GND	1				
	5	PROVIDES ON GND SCALING INPUT TO FQIS	PROVIDES AIRBORNE SCALING INPUT TO FQIS	28-41-01	1
	7	ENABLES LOGO LT PWR FROM GND SVCE BUS	ENABLES LOGO LT PWR FROM UTIL BUS	33-45-01	—
	11	ENABLES R T/R ISOL DETECT RLY HYDR PRESS. OR NOT	ENABLES R T/R ISOL DETECT RLY ONLY WHEN HYDR ARE PRESSURIZED	78-36-01	1
K 207 GND	1	ENABLES R ADC FUNCTION TEST	INHIBITS R ADC FUNCTION TEST	34-12-02	1
	5	INHIBITS AUTO 2 CABIN PRESS	ENABLES AUTO 2 CABIN PRESS	21-31-01	3
	7	ENABLES EXT PWR PRIORITY OVER R GCU	INHIBITS EXT PWR PRIORITY OVER R GCU	24-20-02	1
	11	ENABLES GND IDLE (R)	ENABLES CONDITIONAL FLT IDLE (R)	73-21-04	—
K 209 AIR	A	PROVIDES ON GND INPUT TO EICAS	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
	B	ENABLES CTR E/E LIGHTS	INHIBITS CTR E/E LIGHTS	33-31-03	—
	C	INHIBITS LOAD SHED RELAY	ENABLES LOAD SHED RELAY	24-51-05	2
	D	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	1
K 210 GND	1	ENABLES R PAC FLOW CONTROL & SHUTOFF VALVE	INHIBITS R PAC FLOW CONTROL & SHUTOFF VALVE	21-51-04	1
	5	ENABLES R PAC DOOR CLOSE	INHIBITS R PAC DOOR CLOSE	21-53-04	1
	7	ENABLES R PAC FLOW	INHIBITS R PAC FLOW	21-51-03	1
	11				
K 211 GND	1	PROVIDES ON GND INPUT (GND) TO L PFC	PROVIDES AIRBORNE INPUT (OPEN) TO L PFC	21-51-01	2
	5	ENABLES EXT PWR PRIORITY OVER APU	INHIBITS EXT PWR PRIORITY OVER APU	24-20-03	1
	7	INHIBITS AUTO 2 CABIN PRESS	ENABLES AUTO 2 CABIN PRESS	21-31-01	3
	11	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3

RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GND	IN AIR		
K 213 GND	A(2-3-1)	INHIBITS AC PWR TO DFOR & DFDAU	ENABLES AC PWR TO DFOR & DFDAU	31-31-01	1
	B(2-3-1)				
	C(2-3-1)	ENABLES RAT RETRACTION	ENABLES RAT DEPLOY	29-00-06	1
	D(2-3-1)	PROVIDES AIRBORNE (28V DC) INPUT TO DFDAU	PROVIDES ON GND INPUT (OPEN) TO DFDAU	31-31-01	1
K 214 GND	1	PROVIDES GND DISCRETE TO APU CONTROL UNIT	NO EFFECT	49-00-05	—
	5	CLOSES OVHD EQUIP COOLING VALVE	OPENS OVHD EQUIP COOLING VALVE	21-58-06	3
	7				
	11	INHIBITS RT DME VOR, ILS, RAD, ALT, ADF	ENABLES RT DME VOR, ILS, RAD, ALT, ADF	34-55-02	—
K 215 GND	1	INHIBITS R STALL WARNING	ENABLES R STALL WARNING	27-32-01	—
	5				
	7	PROVIDES "ON GND" DISCRETE CONFIG WRN	PROVIDES "AIRBORNE" DISCRETE CONFIG WRN	31-51-03	—
K 219 AIR	5	ENABLES MASTER WRN FOR FIRE ON TAKE-OFF	INHIBITS MASTER WRN FOR FIRE ON TAKE-OFF	31-51-02	—
	7	INHIBITS AIR/GND NOSE OLEO ARM	ENABLES AIR/GND NOSE OLEO ARM	31-51-07	—
K 293 AIR	1	ENABLES R AUTOBRAKE SYSTEM	INHIBITS R AUTOBRAKE SYSTEM	32-42-03	1
	5	PROVIDES "ON GND" INPUT TO CSEU	PROVIDES "AIRBORNE" INPUT TO CSEU	27-09-06	—
	7	ENABLES BRAKE INDICATOR LIGHT	INHIBITS BRAKE INDICATOR LIGHT	32-41-01	1
K 517 GND	11	INHIBITS C ILS FLT LEG UPDATE	ENABLES C ILS FLT LEG UPDATE	34-33-03	—
	A	INHIBITS R AOA PROBE HT (IF ENGINE IS OFF)	ENABLES R AOA PROBE HT	30-32-01	—
	B	INHIBITS R ENG MACH PROBE HT	ENABLES R ENG MACH PROBE HT	30-34-02	1
	C	ENABLES L TAT ANN IF ENG & TAT PROBE ON OR ENG & TAT PROBE HT IS OFF	ENABLES L TAT ANN IF TAT PROBE HT IS OFF	30-33-01	—
K 518 GND	D	INHIBITS ENG TT2/PT2 PROBE HT IF ENG IS OFF	ENABLES ENG TT2/PT2 PROBE IF ENG IS OFF	30-34-01	—
	B	ENABLES AUTO SPEED BRAKES	INHIBITS AUTO SPEED BRAKES	27-62-01	1
K 520 GND	C	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
	A	ENABLES L WING TAI OVHT SW	INHIBITS L WING TAI OVHT SW	30-11-01	1
	B	ENABLES R WING TAI OVHT SW	INHIBITS R WING TAI OVHT SW	30-11-01	1
	C	ENABLES WING TAI TEST	ENABLES WING TAI	30-11-01	1
K 522 GND	D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-34-01	—
	A	ENABLES L AUX P/S LO HT INHIBITS L AUX P/S HI HT	ENABLES L AUX P/S HI HT INHIBITS L AUX P/S LO HT	30-31-01	2
	B	INHIBITS L AUX P/S AUTO IND	ENABLES L AUX P/S AUTO IND	30-31-01	2
	C	ENABLES R AUX P/S LO HT	INHIBITS R AUX P/S LO HT	30-31-01	2
K 528 GND	D	L AUX P/S HT	L AUX P/S HT	30-31-01	2
	A	ENABLES F/O P/S LO HT INHIBITS F/O P/S HI HT	ENABLES F/O P/S HI HT INHIBITS F/O P/S LO HT	30-31-01	1
	B	INHIBITS R P/S AUTO IND	ENABLES R P/S AUTO IND	30-31-01	1
	C	ENABLES CAPT P/S LO HT	INHIBITS CAPT P/S LO HT	30-31-01	1
K 721 GND	D	F/O P/S HT	F/O P/S HT	30-31-01	1
	A	ENABLES R BLEED AIR	INHIBITS R BLEED AIR	36-11-06	—
	B	ENABLES ADDITIONAL 30 MIN FIRE PROTECTION - FWD CARGO	INHIBITS ADDITIONAL 30 MIN FIRE PROTECTION - FWD CARGO	26-23-01	2
	C	ENABLES ADDITIONAL 30 MIN FIRE PROTECTION - AFT CARGO	INHIBITS ADDITIONAL 30 MIN FIRE PROTECTION - AFT CARGO	26-23-01	2
K 1064 GND	A	DISABLES PTU ON GROUND	ENABLES PTU IN AIR	29-11-14	—
K 2157 GND	A	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-01	—
	B,C,D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-02	—

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757	RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
			ON GND	IN AIR		
K 200 GND		1-13-2	PROVIDES ON GND (GND) INPUT TO CSEU	PROVIDES AIRBORNE(OPEN) INPUT TO CSEU	27-09-06	—
		5-3-4	ENABLES EQUIP COOLING SYS CONT (M131)	INHIBITS EQUIP COOLING SYS CONT (M131)	21-58-01	2
		7-14-8	ENABLES R ATC FLT LEG UPDATE	INHIBITS R ATC FLT LEG UPDATE	34-53-02	—
		11-9-10	INHIBITS L FMC FLT LEG UPDATE	ENABLES L FMC FLT LEG UPDATE	34-61-07	—
K 201 GND		1	PROVIDES ON GND 1 INPUT (GND) TO L FCC, C FCC, R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, R FCC	22-14-03	—
		5			22-14-03	—
		7	PROVIDES ON GND 1 INPUT (GND) TO MCPD	PROVIDES AIRBORNE INPUT (OPEN) TO MCPD	22-41-01	—
		11			22-41-01	—
K 202 GND		1	INHIBITS FUEL AUTO DE-ICE	ENABLES FUEL AUTO DE-ICE	73-14-01	1
		5				
		7				
		11	ENABLES EICAS MAINT FUNCTION	INHIBITS EICAS MAINT FUNCTION	31-41-01	1
K 203 AIR		1	ENABLES APU SHUTDOWN	INHIBITS APU SHUTDOWN	49-00-04	1
		5	ENABLES EEC MONITOR	INHIBITS EEC MONITOR	77-35-01	—
		11	PROVIDE GROUND MODE	PROVIDE AIR MODE	73-21-01	—
		A(2-3-1)				
K 204 GND		B(2-3-1)	ENABLES GND GALLEY LOAD SHED CONTROL RLYS	INHIBITS GND GALLEY LOAD SHED CONTROL RLYS	24-51-07	—
		C(2-3-1)	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	—
		D(2-3-1)	PROVIDES PWR TO L HYD PUMP (ENG OFF)	PROVIDES PWR TO L HYD PUMP (ENG ON)	29-00-02	2
K 205 AIR		A	ENABLES 3.5 BLEED VENTING	INHIBITS 3.5 BLEED VENTING	75-30-01	1
		B	INHIBITS F/O FOOT HEATER	ENABLES F/O FOOT HEATER	21-45-01	—
		C	ENABLES APU FIRE WARNING HORN	INHIBITS APU FIRE WARNING HORN	26-15-01	2
		D	ENABLES DRAIN MAST LO HT	ENABLES DRAIN MAST HI HT	30-71-01	
K 206 GND		1				
		5	PROVIDES ON GND SCALING INPUT TO FQIS	PROVIDES AIRBORNE SCALING INPUT TO FQIS	28-41-01	1
		7	ENABLES LOGO LT PWR FROM GND SVCE BUS	ENABLES LOGO LT PWR FROM UTIL BUS	33-45-01	—
		11	ENABLES R T/R ISOL DETECT RLY HYDR PRESS. OR NOT	ENABLES R T/R ISOL DETECT RLY ONLY WHEN HYDR ARE PRESSURIZED	78-36-01	1
K 207 GND		1	ENABLES R ADC FUNCTION TEST	INHIBITS R ADC FUNCTION TEST	34-12-02	1
		5	INHIBITS AUTO 2 CABIN PRESS	ENABLES AUTO 2 CABIN PRESS	21-31-01	3
		7	ENABLES EXT PWR PRIORITY OVER R GCU	INHIBITS EXT PWR PRIORITY OVER R GCU	24-20-02	1
		11	ENABLES GND IDLE (R)	ENABLES CONDITIONAL FLT IDLE (R)	73-21-04	—
K 209 AIR		A	PROVIDES ON GND INPUT TO EICAS	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
		B	ENABLES CTR E/E LIGHTS	INHIBITS CTR E/E LIGHTS	33-31-03	—
		C	INHIBITS LOAD SHED RELAY	ENABLES LOAD SHED RELAY	24-51-05	2
		D	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	1
K 210 GND		1	ENABLES R PAC FLOW CONTROL & SHUTOFF VALVE	INHIBITS R PAC FLOW CONTROL & SHUTOFF VALVE	21-51-04	1
		5	ENABLES R PAC DOOR CLOSE	INHIBITS R PAC DOOR CLOSE	21-53-04	1
		7	ENABLES R PAC FLOW	INHIBITS R PAC FLOW	21-51-03	1
		11				
K 211 GND		1	PROVIDES ON GND INPUT (GND) TO L PFC	PROVIDES AIRBORNE INPUT (OPEN) TO L PFC	21-51-01	2
		5	ENABLES EXT PWR PRIORITY OVER APU	INHIBITS EXT PWR PRIORITY OVER APU	24-20-03	1
		7	INHIBITS AUTO 2 CABIN PRESS	ENABLES AUTO 2 CABIN PRESS	21-31-01	3
		11	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3

RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GND	IN AIR		
K 213 GND	A(2-3-1)	INHIBITS AC PWR TO DF0R & DFDAU	ENABLES AC PWR TO DF0R & DFDAU	31-31-01	1
	B(2-3-1)				
	C(2-3-1)	ENABLES RAT RETRACTION	ENABLES RAT DEPLOY	29-00-06	1
	D(2-3-1)	PROVIDES AIRBORNE (28V DC) INPUT TO DFDAU	PROVIDES ON GND INPUT (OPEN) TO DFDAU	31-31-01	1
K 214 GND	1	PROVIDES GND DISCRETE TO APU CONTROL UNIT	NO EFFECT	49-00-05	—
	5	CLOSES OVHD EQUIP COOLING VALVE	OPENS OVHD EQUIP COOLING VALVE	21-58-06	3
	7				
	11	INHIBITS RT DME VOR, ILS, RAD, ALT, ADF	ENABLES RT DME VOR, ILS, RAD, ALT, ADF	34-55-02	—
K 215 GND	1	INHIBITS R STALL WARNING	ENABLES R STALL WARNING	27-32-01	—
	5				
	7	PROVIDES "ON GND" DISCRETE CONFIG WRN	PROVIDES "AIRBORNE" DISCRETE CONFIG WRN	31-51-03	—
K 219 AIR	5	ENABLES MASTER WRN FOR FIRE ON TAKE-OFF	INHIBITS MASTER WRN FOR FIRE ON TAKE-OFF	31-51-02	—
	7	INHIBITS AIR/GND NOSE OLEO ARM	ENABLES AIR/GND NOSE OLEO ARM	31-51-07	—
	1	ENABLES R AUTOBRAKE SYSTEM	INHIBITS R AUTOBRAKE SYSTEM	32-42-03	1
K 293 AIR	5	PROVIDES "ON GND" INPUT TO CSEU	PROVIDES "AIRBORNE" INPUT TO CSEU	27-09-06	—
	7	ENABLES BRAKE INDICATOR LIGHT	INHIBITS BRAKE INDICATOR LIGHT	32-41-01	1
	11	INHIBITS C ILS FLT LEG UPDATE	ENABLES C ILS FLT LEG UPDATE	34-33-03	—
K 517 GND	A	INHIBITS R AOA PROBE HT (IF ENGINE IS OFF)	ENABLES R AOA PROBE HT	30-32-01	—
	B	INHIBITS R ENG MACH PROBE HT	ENABLES R ENG MACH PROBE HT	30-34-02	1
	C	ENABLES L TAT ANN IF ENG & TAT PROBE ON OR ENG & TAT PROBE HT IS OFF	ENABLES L TAT ANN IF TAT PROBE HT IS OFF	30-33-01	—
	D	INHIBITS ENG TT2/PT2 PROBE HT IF ENG IS OFF	ENABLES ENG TT2/PT2 PROBE IF ENG IS OFF	30-34-01	—
K 518 GND	B	ENABLES AUTO SPEED BRAKES	INHIBITS AUTO SPEED BRAKES	27-62-01	1
	C	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 520 GND	A	ENABLES L WING TAI OVHT SW	INHIBITS L WING TAI OVHT SW	30-11-01	1
	B	ENABLES R WING TAI OVHT SW	INHIBITS R WING TAI OVHT SW	30-11-01	1
	C	ENABLES WING TAI TEST	ENABLES WING TAI	30-11-01	1
	D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-34-01	—
K 522 GND	A	ENABLES L AUX P/S LO HT INHIBITS L AUX P/S HI HT	ENABLES L AUX P/S HI HT INHIBITS L AUX P/S LO HT	30-31-01	2
	B	INHIBITS L AUX P/S AUTO IND	ENABLES L AUX P/S AUTO IND	30-31-01	2
	C	ENABLES R AUX P/S LO HT	INHIBITS R AUX P/S LO HT	30-31-01	2
	D	L AUX P/S HT	L AUX P/S HT	30-31-01	2
K 528 GND	A	ENABLES F/O P/S LO HT INHIBITS F/O P/S HI HT	ENABLES F/O P/S HI HT INHIBITS F/O P/S LO HT	30-31-01	1
	B	INHIBITS R P/S AUTO IND	ENABLES R P/S AUTO IND	30-31-01	1
	C	ENABLES CAPT P/S LO HT	INHIBITS CAPT P/S LO HT	30-31-01	1
	D	F/O P/S HT	F/O P/S HT	30-31-01	1
K 721 GND	A	ENABLES R BLEED AIR	INHIBITS R BLEED AIR	36-11-06	—
	B	ENABLES ADDITIONAL 30 MIN FIRE PROTECTION – FWD CARGO	INHIBITS ADDITIONAL 30 MIN FIRE PROTECTION – FWD CARGO	26-23-01	2
	C	ENABLES ADDITIONAL 30 MIN FIRE PROTECTION – AFT CARGO	INHIBITS ADDITIONAL 30 MIN FIRE PROTECTION – AFT CARGO	26-23-01	2
K 1064 GND	A	DISABLES PTU ON GROUND	ENABLES PTU IN AIR	29-11-14	—
K 2157 GND	A	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-01	—
	B	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-02	—

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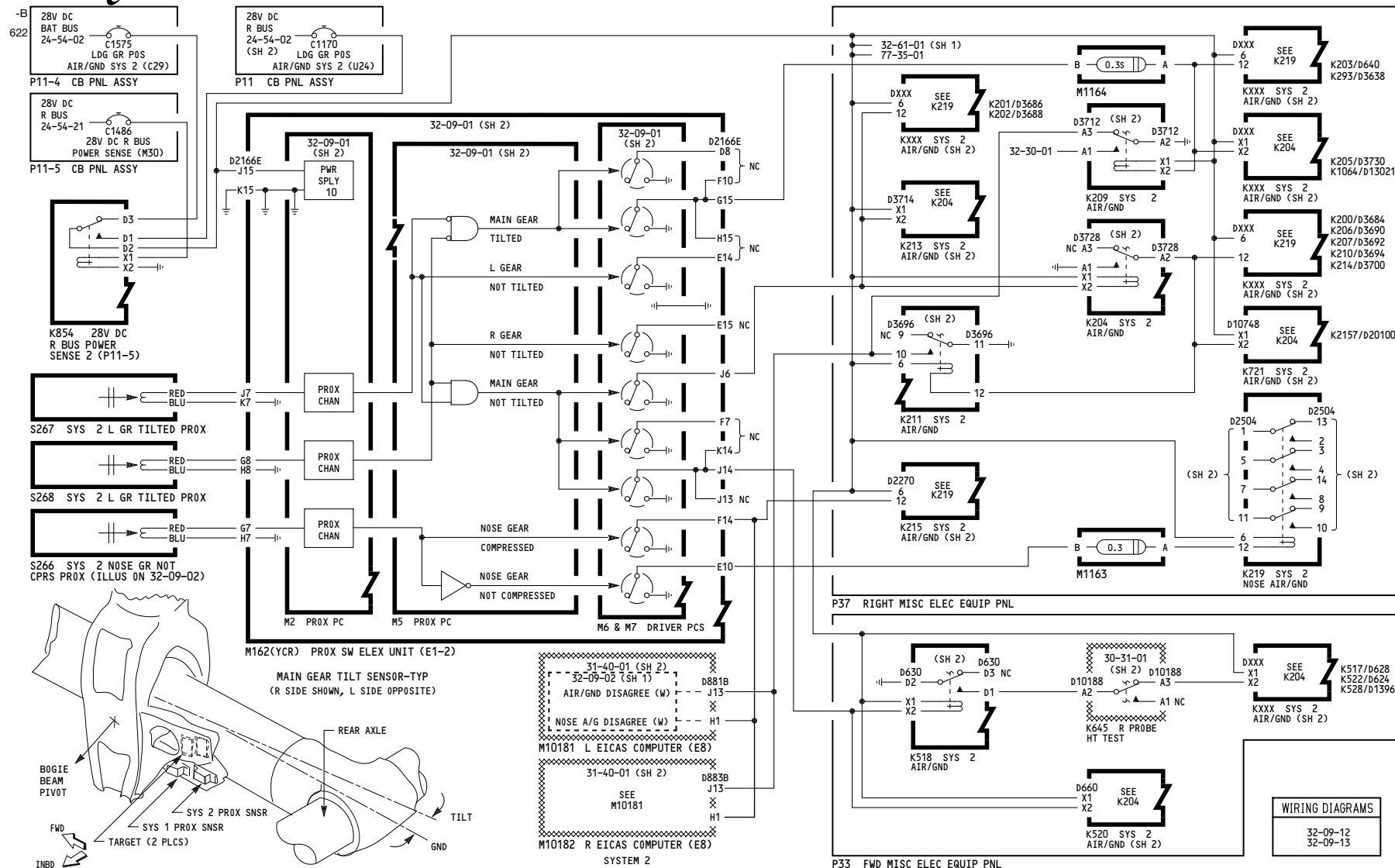
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-A 670	RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
			ON GND	IN AIR		
K 200 GND		1-13-2	PROVIDE GND MODE	PROVIDE AIR MODE	31-22-26	—
		5-3-4 5-3-4	ENABLES EQUIP COOLING SYS CONT (M131)	INHIBITS EQUIP COOLING SYS CONT (M131)	21-58-01	2
		7-14-8	ENABLES R ATC FLT LEG UPDATE	INHIBITS R ATC FLT LEG UPDATE	34-53-02	—
		11-9-10	INHIBITS L FMC FLT LEG UPDATE	ENABLES L FMC FLT LEG UPDATE	34-61-07	—
K 201 GND		1	PROVIDES ON GND 1 INPUT (GND) TO L FCC, C FCC, R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, R FCC	22-14-03	—
		5			22-14-03	—
		7	PROVIDES ON GND 1 INPUT (GND) TO MCPD	PROVIDES AIRBORNE INPUT (OPEN) TO MCPD	22-41-01	—
		11			22-41-01	—
K 202 GND		1	INHIBITS FUEL AUTO DE-ICE	ENABLES FUEL AUTO DE-ICE	73-14-01	1
		5				
		7				
		11	ENABLES EICAS MAINT FUNCTION	INHIBITS EICAS MAINT FUNCTION	31-41-01	1
K 203 AIR		1	ENABLES APU SHUTDOWN	INHIBITS APU SHUTDOWN	49-00-04	1
		5	ENABLES EEC MONITOR	INHIBITS EEC MONITOR	77-35-01	—
		11	OPENS HYD ISOL VLVS	CLOSES HYD ISOL VLVS	29-00-02	3
		A(2-3-1)				
K 204 GND		B(2-3-1)	ENABLES GND GALLEY LOAD SHED CONTROL RLVS	INHIBITS GND GALLEY LOAD SHED CONTROL RLVS	24-51-07	—
		C(2-3-1)	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	—
		D(2-3-1)	PROVIDES PWR TO L HYD PUMP (ENG OFF)	PROVIDES PWR TO L HYD PUMP (ENG ON)	29-00-02	2
K 205 AIR		A	ENABLES 3.5 BLEED VENTING	INHIBITS 3.5 BLEED VENTING	75-30-01	1
		B	INHIBITS F/O FOOT HEATER	ENABLES F/O FOOT HEATER	21-45-01	—
		C	ENABLES APU FIRE WARNING HORN	INHIBITS APU FIRE WARNING HORN	26-15-01	2
		D	ENABLES DRAIN MAST LO HT	ENABLES DRAIN MAST HI HT	30-71-01	
K 206 GND		1				
		5	PROVIDES ON GND SCALING INPUT TO FQIS	PROVIDES AIRBORNE SCALING INPUT TO FQIS	28-41-01	1
		7	ENABLES LOGO LT PWR FROM GND SVCE BUS	ENABLES LOGO LT PWR FROM UTIL BUS	33-45-01	—
		11	ENABLES R T/R ISOL DETECT RLY HYDR PRESS. OR NOT	ENABLES R T/R ISOL DETECT RLY ONLY WHEN HYDR ARE PRESSURIZED	78-36-01	1
K 207 GND		1	ENABLES R ADC FUNCTION TEST	INHIBITS R ADC FUNCTION TEST	34-12-02	1
		5	INHIBITS AUTO 2 CABIN PRESS	ENABLES AUTO 2 CABIN PRESS	21-31-01	3
		7-2-2	ENABLES EXT PWR PRIORITY OVER R GCU	INHIBITS EXT PWR PRIORITY OVER R GCU	24-20-02	1
		11	ENABLES GND IDLE (R)	ENABLES CONDITIONAL FLT IDLE (R)	73-21-04	—
K 209 AIR		A	PROVIDES ON GND INPUT TO EICAS	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
		B	ENABLES CTR E/E LIGHTS	INHIBITS CTR E/E LIGHTS	33-31-03	—
		C	INHIBITS LOAD SHED RELAY	ENABLES LOAD SHED RELAY	24-51-05	2
		D	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	1
K 210 GND		1	ENABLES R PAC FLOW CONTROL & SHUTOFF VALVE	INHIBITS R PAC FLOW CONTROL & SHUTOFF VALVE	21-51-04	1
		5	ENABLES R PAC DOOR CLOSE	INHIBITS R PAC DOOR CLOSE	21-53-04	1
		7	ENABLES R PAC FLOW	INHIBITS R PAC FLOW	21-51-03	1
		11				
K 211 GND		1	PROVIDES ON GND INPUT (GND) TO L PFC	PROVIDES AIRBORNE INPUT (OPEN) TO L PFC	21-51-01	2
		5-2-2	ENABLES EXT PWR PRIORITY OVER APU	INHIBITS EXT PWR PRIORITY OVER APU	24-20-03	1
		7	INHIBITS AUTO 2 CABIN PRESS	ENABLES AUTO 2 CABIN PRESS	21-31-01	3
		11	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3

RLY ENERG	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
		ON GND	IN AIR		
K 213 GND	A(2-3-1)	INHIBITS AC PWR TO DFOR & DFDAU	ENABLES AC PWR TO DFOR & DFDAU	31-31-01	1
	B(2-3-1)				
	C(2-3-1)	ENABLES RAT RETRACTION	ENABLES RAT DEPLOY	29-00-06	1
	D(2-3-1)	PROVIDES AIRBORNE (28V DC) INPUT TO DFDAU	PROVIDES ON GND INPUT (OPEN) TO DFDAU	31-31-01	1
K 214 GND	1	PROVIDES GND DISCRETE TO APU CONTROL UNIT	NO EFFECT	49-00-05	—
	5	CLOSES OVHD EQUIP COOLING VALVE	OPENS OVHD EQUIP COOLING VALVE	21-58-06	3
	7				
	11	INHIBITS RT DME VOR, ILS, RAD, ALT, ADF	ENABLES RT DME VOR, ILS, RAD, ALT, ADF	34-55-02	—
K 215 GND	1	INHIBITS R STALL WARNING	ENABLES R STALL WARNING	27-32-01	—
	5				
	7	PROVIDES "ON GND" DISCRETE CONFIG WRN	PROVIDES "AIRBORNE" DISCRETE CONFIG WRN	31-51-03	—
	5	ENABLES MASTER WRN FOR FIRE ON TAKE-OFF	INHIBITS MASTER WRN FOR FIRE ON TAKE-OFF	31-51-02	—
K 219 AIR	7	INHIBITS AIR/GND NOSE OLEO ARM	ENABLES AIR/GND NOSE OLEO ARM	31-51-07	—
	11				
K 293 AIR	1	ENABLES R AUTOBRAKE SYSTEM	INHIBITS R AUTOBRAKE SYSTEM	32-42-03	1
	5	PROVIDES "ON GND" INPUT TO CSEU	PROVIDES "AIRBORNE" INPUT TO CSEU	27-09-06	—
	7	ENABLES BRAKE INDICATOR LIGHT	INHIBITS BRAKE INDICATOR LIGHT	32-41-01	1
	11	INHIBITS C ILS FLT LEG UPDATE	ENABLES C ILS FLT LEG UPDATE	34-33-03	—
K 517 GND	A	INHIBITS R AOA PROBE HT (IF ENGINE IS OFF)	ENABLES R AOA PROBE HT	30-32-01	—
	B	INHIBITS R ENG MACH PROBE HT	ENABLES R ENG MACH PROBE HT	30-34-02	1
	C	ENABLES L TAT ANN IF ENG & TAT PROBE ON OR ENG & TAT PROBE HT IS OFF	ENABLES L TAT ANN IF TAT PROBE HT IS OFF	30-33-01	—
	D	INHIBITS ENG TT2/PT2 PROBE HT IF ENG IS OFF	ENABLES ENG TT2/PT2 PROBE IF ENG IS OFF	30-34-01	—
K 518 GND	B	ENABLES AUTO SPEED BRAKES	INHIBITS AUTO SPEED BRAKES	27-62-01	1
	C	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 520 GND	A	ENABLES L WING TAI OVHT SW	INHIBITS L WING TAI OVHT SW	30-11-01	1
	B	ENABLES R WING TAI OVHT SW	INHIBITS R WING TAI OVHT SW	30-11-01	1
	C	ENABLES WING TAI TEST	ENABLES WING TAI	30-11-01	1
	D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENGINE T/R OPERATION	30-11-01	
K 522 GND	A	ENABLES L AUX P/S LO HT INHIBITS L AUX P/S HI HT	ENABLES L AUX P/S HI HT INHIBITS L AUX P/S LO HT	30-31-01	2
	B	INHIBITS L AUX P/S AUTO IND	ENABLES L AUX P/S AUTO IND	30-31-01	2
	C	ENABLES R AUX P/S LO HT	INHIBITS R AUX P/S LO HT	30-31-01	2
	D	L AUX P/S HT	L AUX P/S HT	30-31-01	2
K 528 GND	A	ENABLES F/O P/S LO HT INHIBITS F/O P/S HI HT	ENABLES F/O P/S HI HT INHIBITS F/O P/S LO HT	30-31-01	1
	B	INHIBITS R P/S AUTO IND	ENABLES R P/S AUTO IND	30-31-01	1
	C	ENABLES CAPT P/S LO HT	INHIBITS CAPT P/S LO HT	30-31-01	1
	D	F/O P/S HT	F/O P/S HT	30-31-01	1
K 721 GND	A	ENABLES R BLEED AIR	INHIBITS R BLEED AIR	36-11-06	—
	B	ENABLES ADDITIONAL 30 MIN FIRE PROTECTION - FWD CARGO	INHIBITS ADDITIONAL 30 MIN FIRE PROTECTION - FWD CARGO	26-23-01	2
	C	ENABLES ADDITIONAL 30 MIN FIRE PROTECTION - AFT CARGO	INHIBITS ADDITIONAL 30 MIN FIRE PROTECTION - AFT CARGO	26-23-01	2
K 1064 GND	A	DISABLES PTU ON GROUND	ENABLES PTU IN AIR	29-11-14	—
K 2157 GND	A	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-01	
	B	ENABLES LEFT T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-02	

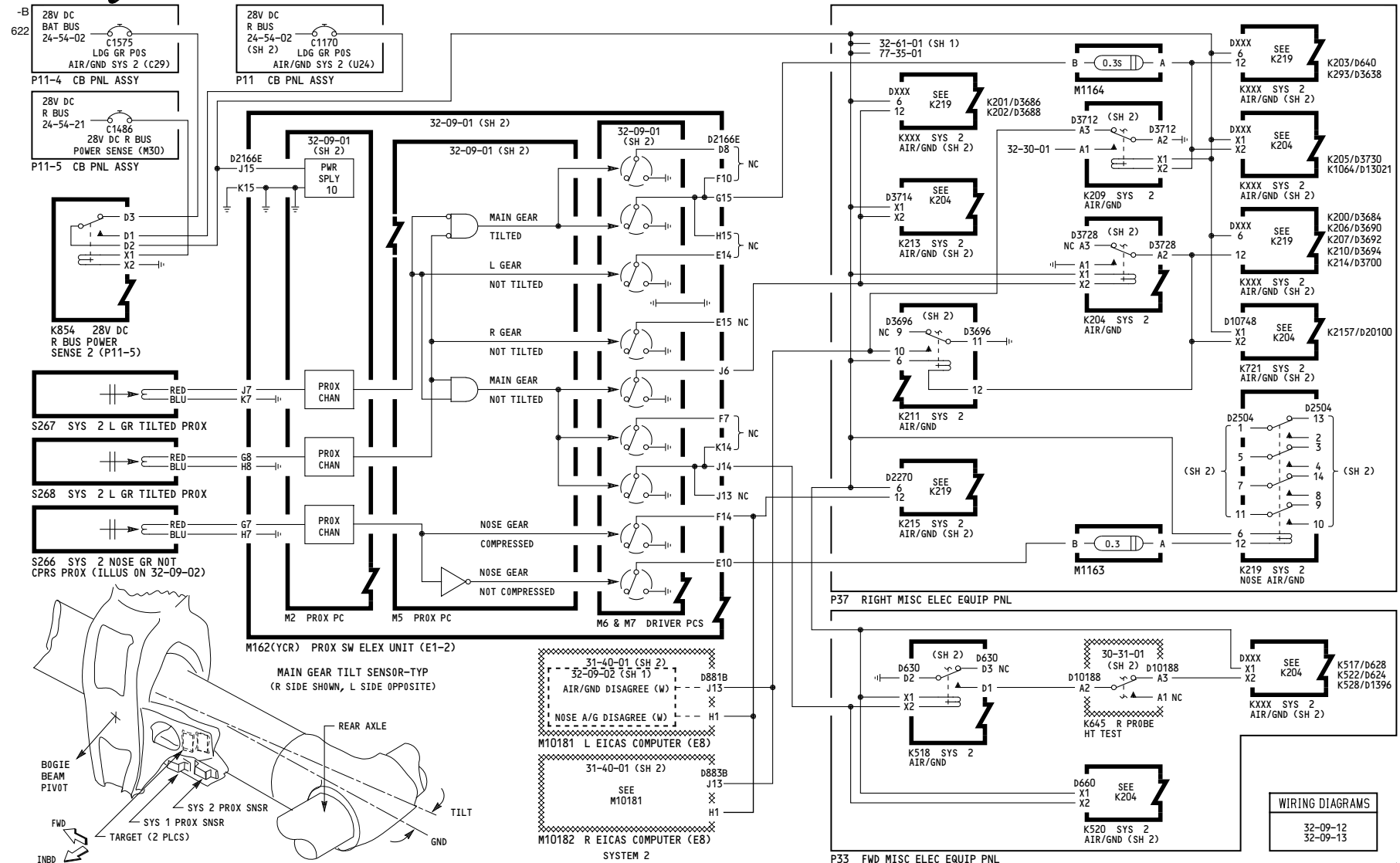
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767-200/300 SYSTEM SCHEMATIC MANUAL

RLY	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
ENERG		ON GND	IN AIR		
K 200 GND	1-13-2	PROVIDE GND MODE	PROVIDE AIR MODE	31-22-26	—
	5-3-4	ENABLES EQUIP COOLING SYS CONT (M131)	INHIBITS EQUIP COOLING SYS CONT (M131)	21-58-01	2
	7-14-8	ENABLES R ATC FLT LEG UPDATE	INHIBITS R ATC FLT LEG UPDATE	34-53-02	—
	11-9-10	INHIBITS L FMC FLT LEG UPDATE	ENABLES L FMC FLT LEG UPDATE	34-61-07	—
K 201 GND	1	PROVIDES ON GND 1 INPUT (GND) TO L FCC, C FCC, R FCC	PROVIDES AIRBORNE INPUT (OPEN) TO L FCC, C FCC, R FCC	22-14-03	—
	5			22-14-03	—
	7	PROVIDES ON GND 1 INPUT (GND) TO MCDP	PROVIDES AIRBORNE INPUT (OPEN) TO MCDP	22-41-01	—
	11			22-41-01	—
K 202 GND	1	INHIBITS FUEL AUTO DE-ICE	ENABLES FUEL AUTO DE-ICE	73-14-01	1
	11	ENABLES EICAS MAINT FUNCTION	INHIBITS EICAS MAINT FUNCTION	31-41-01	1
K 203 AIR	1	ENABLES APU SHUTDOWN	INHIBITS APU SHUTDOWN	49-00-04	1
	5	ENABLES EEC MONITOR	INHIBITS EEC MONITOR	77-35-01	—
	11	OPENS HYD ISOL VLVs	CLOSES HYD ISOL VLVs	29-00-02	3
K 204 GND	A(2-3-1)				
	B(2-3-1)	ENABLES GND GALLEY LOAD SHED CONTROL RLYs	INHIBITS GND GALLEY LOAD SHED CONTROL RLYs	24-51-07	—
	C(2-3-1)	ENABLES T/R STOW & DEPLOY	INHIBITS T/R STOW & DEPLOY	78-34-01	—
	D(2-3-1)	PROVIDES PWR TO L HYD PUMP (ENG OFF)	PROVIDES PWR TO L HYD PUMP (ENG ON)	29-00-02	2
K 205 AIR	A	ENABLES 3.5 BLEED VENTING	INHIBITS 3.5 BLEED VENTING	75-30-01	1
	B	INHIBITS F/O FOOT HEATER	ENABLES F/O FOOT HEATER	21-45-01	—
	C	ENABLES APU FIRE WARNING HORN	INHIBITS APU FIRE WARNING HORN	26-15-01	2
	D	ENABLES DRAIN MAST LO HT	ENABLES DRAIN MAST HI HT	30-71-01	—
K 206 GND	1				
	5	PROVIDES ON GND SCALING INPUT TO FQIS	PROVIDES AIRBORNE SCALING INPUT TO FQIS	28-41-01	1
	7	ENABLES LOGO LT PWR FROM GND SVCE BUS	ENABLES LOGO LT PWR FROM UTIL BUS	33-45-01	—
	11	ENABLES R T/R ISOL DETECT RLY HYDR PRESS OR NOT	ENABLES R T/R ISOL DETECT RLY ONLY WHEN HYDR ARE PRESSURIZED	78-36-01	1
K 207 GND	1	ENABLES R ADC FUNCTION TEST	INHIBITS R ADC FUNCTION TEST	34-12-02	1
	5	INHIBITS AUTO 2 CABIN PRESS	ENABLES AUTO 2 CABIN PRESS	21-31-01	3
	7	ENABLES EXT PWR PRIORITY OVER R GCU	INHIBITS EXT PWR PRIORITY OVER R GCU	24-20-02	1
	11	ENABLES GND IDLE (R)	ENABLES CONDITIONAL FLT IDLE (R)	73-21-04	—
K 209 AIR	A	PROVIDES ON GND INPUT TO EICAS	ENABLES LANDING GEAR LEVER LOCK	32-30-01	1
	B	ENABLES CTR E/E LIGHTS	INHIBITS CTR E/E LIGHTS	33-31-03	—
	C	INHIBITS LOAD SHED RELAY	ENABLES LOAD SHED RELAY	24-51-05	2
	D	ENABLES 3.0 BLEED CONTROL RABS SOLENOID	INHIBITS 3.0 BLEED CONTROL RABS SOLENOID	75-30-01	1
K 210 GND	1	ENABLES R PAC FLOW CONTROL & SHUTOFF VALVE	INHIBITS R PAC FLOW CONTROL & SHUTOFF VALVE	21-51-04	1
	5	ENABLES R PAC DOOR CLOSE	INHIBITS R PAC DOOR CLOSE	21-53-04	1
	7	ENABLES R PAC FLOW	INHIBITS R PAC FLOW	21-51-03	1
	11				
K 211 GND	1	PROVIDES ON GND INPUT (GND) TO L PFC	PROVIDES AIRBORNE INPUT (OPEN) TO L PFC	21-51-01	2
	5	ENABLES EXT PWR PRIORITY OVER APU	INHIBITS EXT PWR PRIORITY OVER APU	24-20-03	1
	7	INHIBITS AUTO 2 CABIN PRESS	ENABLES AUTO 2 CABIN PRESS	21-31-01	3
	11	PROVIDES ON GND INPUT TO EICAS	PROVIDES AIRBORNE INPUT TO EICAS	31-41-05	3

RLY	C-NC-NO	NORMAL SYSTEM FUNCTION		REF	SH
ENERG		ON GND	IN AIR		
K 213 GND	A(2-3-1)	INHIBITS AC PWR TO DF0R & DFDAU	ENABLES AC PWR TO DF0R & DFDAU	31-31-01	1
	B(2-3-1)				
	C(2-3-1)	ENABLES RAT. RETRACTION	ENABLES RAT. DEPLOY	29-00-06	1
	D(2-3-1)	PROVIDES AIRBORNE (28V DC) INPUT TO DFDAU	PROVIDES ON GND INPUT (OPEN) TO DFDAU	31-31-01	1
K 214 GND	1	PROVIDES GND DISCRETE TO APU CONTROL UNIT	NO EFFECT	49-00-05	—
	5	CLOSES OVHD EQUIP COOLING VALVE	OPENS OVHD EQUIP COOLING VALVE	21-58-06	3
	7				
	11	INHIBITS RT DME VOR, ILS, RAD, ALT, ADF	ENABLES RT DME VOR, ILS, RAD, ALT, ADF	34-55-02	—
K 215 GND	1	INHIBITS R STALL WARNING	ENABLES R STALL WARNING	27-32-01	—
	7	PROVIDES "ON GND" DISCRETE CONFIG WRN	PROVIDES "AIRBORNE" DISCRETE CONFIG WRN	31-51-03	—
K 219 AIR	5	ENABLES MASTER WRN FOR FIRE ON TAKE-OFF	INHIBITS MASTER WRN FOR FIRE ON TAKE-OFF	31-51-02	—
	7	INHIBITS AIR/GND NOSE OLEO ARM	ENABLES AIR/GND NOSE OLEO ARM	31-51-07	—
	11				
K 293 AIR	1	ENABLES R AUTOBRAKE SYSTEM	INHIBITS R AUTOBRAKE SYSTEM	32-42-03	1
	5	PROVIDES "ON GND" INPUT TO CSEU	PROVIDES "AIRBORNE" INPUT TO CSEU	27-09-06	—
	7	ENABLES BRAKE INDICATOR LIGHT	INHIBITS BRAKE INDICATOR LIGHT	32-41-01	1
	11	INHIBITS C ILS FLT LEG UPDATE	ENABLES C ILS FLT LEG UPDATE	34-33-03	—
K 517 GND	A	INHIBITS R AOA PROBE HT (IF ENGINE IS OFF)	ENABLES R AOA PROBE HT	30-32-01	—
	B	INHIBITS R ENG MACH PROBE HT	ENABLES R ENG MACH PROBE HT	30-34-02	1
	C	ENABLES L TAT ANN IF ENG & TAT PROBE ON OR ENG & TAT PROBE HT IS OFF	ENABLES L TAT ANN IF TAT PROBE HT IS OFF	30-33-01	—
	D	INHIBITS ENG TT2/PT2 PROBE HT IF ENG IS OFF	ENABLES ENG TT2/PT2 PROBE IF ENG IS OFF	30-34-01	—
K 518 GND	B	ENABLES AUTO SPEED BRAKES	INHIBITS AUTO SPEED BRAKES	27-62-01	1
	C	PROVIDES ON GND INPUT (GND) TO CSEU	PROVIDES AIRBORNE INPUT (OPEN) TO CSEU	27-09-06	—
K 520 GND	A	ENABLES L WING TAI OVHT SW	INHIBITS L WING TAI OVHT SW	30-11-01	1
	B	ENABLES R WING TAI OVHT SW	INHIBITS R WING TAI OVHT SW	30-11-01	1
	C	ENABLES WING TAI TEST	ENABLES WING TAI	30-11-01	1
K 522 GND	A	ENABLES L AUX P/S LO HT INHIBITS L AUX P/S HI HT	ENABLES L AUX P/S HI HT INHIBITS L AUX P/S LO HT	30-31-01	2
	B	INHIBITS L AUX P/S AUTO IND	ENABLES L AUX P/S AUTO IND	30-31-01	2
	C	ENABLES R AUX P/S LO HT	INHIBITS R AUX P/S LO HT	30-31-01	2
	D	L AUX P/S HT	L AUX P/S HT	30-31-01	2
K 528 GND	A	ENABLES F/O P/S LO HT INHIBITS F/O P/S HI HT	ENABLES F/O P/S HI HT INHIBITS F/O P/S LO HT	30-31-01	1
	B	INHIBITS R P/S AUTO IND	ENABLES R P/S AUTO IND	30-31-01	1
	C	ENABLES CAPT P/S LO HT	INHIBITS CAPT P/S LO HT	30-31-01	1
	D	F/O P/S HT	F/O P/S HT	30-31-01	1
K 721 GND	A	ENABLES R BLEED AIR	INHIBITS R BLEED AIR	36-11-06	—
	B	ENABLES ADDITIONAL 30 MIN FIRE PROTECTION - FWD CARGO	INHIBITS ADDITIONAL 30 MIN FIRE PROTECTION - FWD CARGO	26-23-01	2
	C	ENABLES ADDITIONAL 30 MIN FIRE PROTECTION - AFT CARGO	INHIBITS ADDITIONAL 30 MIN FIRE PROTECTION - AFT CARGO	26-23-01	2
K 1064 GND	A	DISABLES PTU ON GROUND	ENABLES PTU IN AIR	29-11-14	—
	BC	PROVIDE GND MODE	PROVIDE AIR MODE	26-23-12	—
K 2157 GND	A	ENABLES RIGHT ENG T/R OPERATION	INHIBITS RIGHT ENG T/R OPERATION	78-34-01	—
	B,C,D	ENABLES LEFT ENG T/R OPERATION	INHIBITS LEFT ENG T/R OPERATION	78-36-01	—

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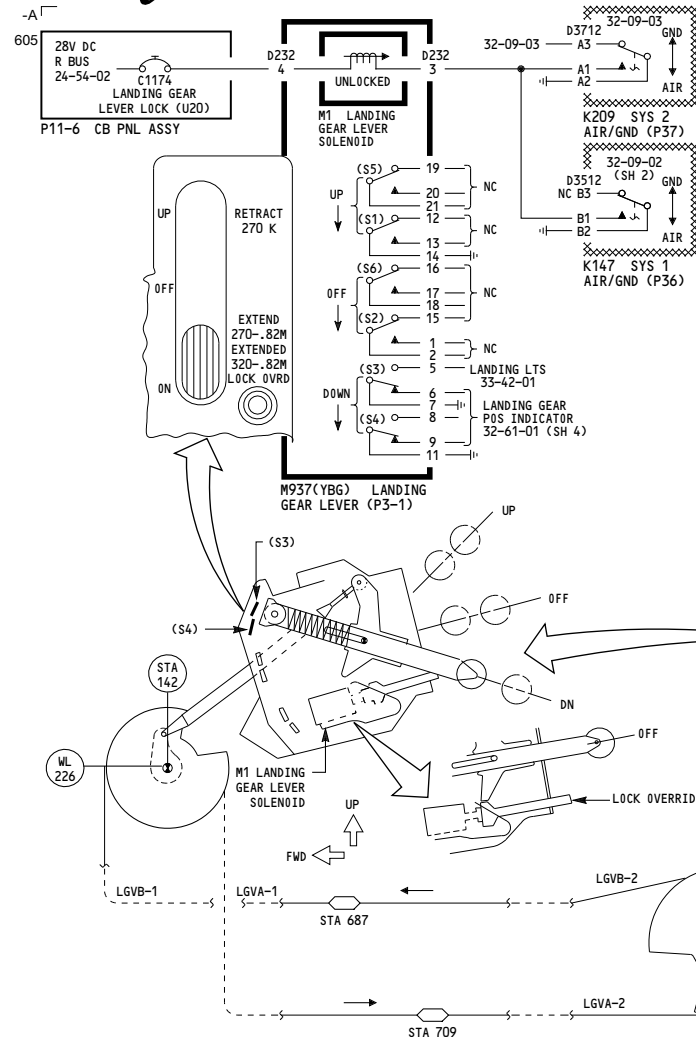
AIR/GROUND RELAYS SYSTEM 2

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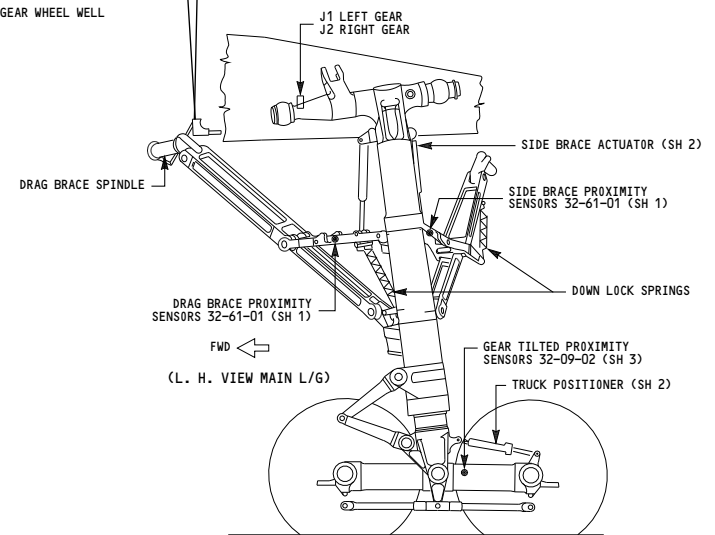
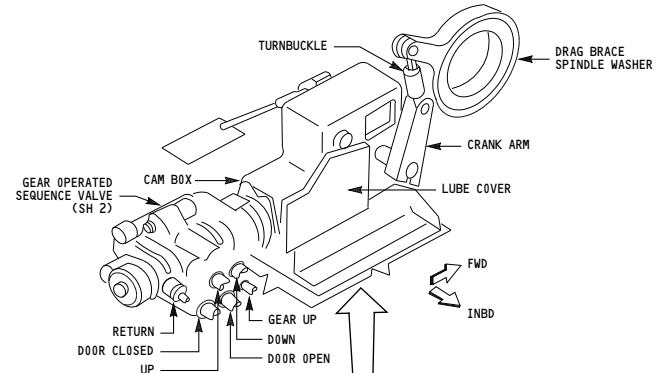
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NOTES:
 1. DIRECTIONAL ARROWS ← INDICATE GEAR DOWN.
 ○ ○ ○ RETURN
 X-X-TYPICAL RIG PIN LOCATION

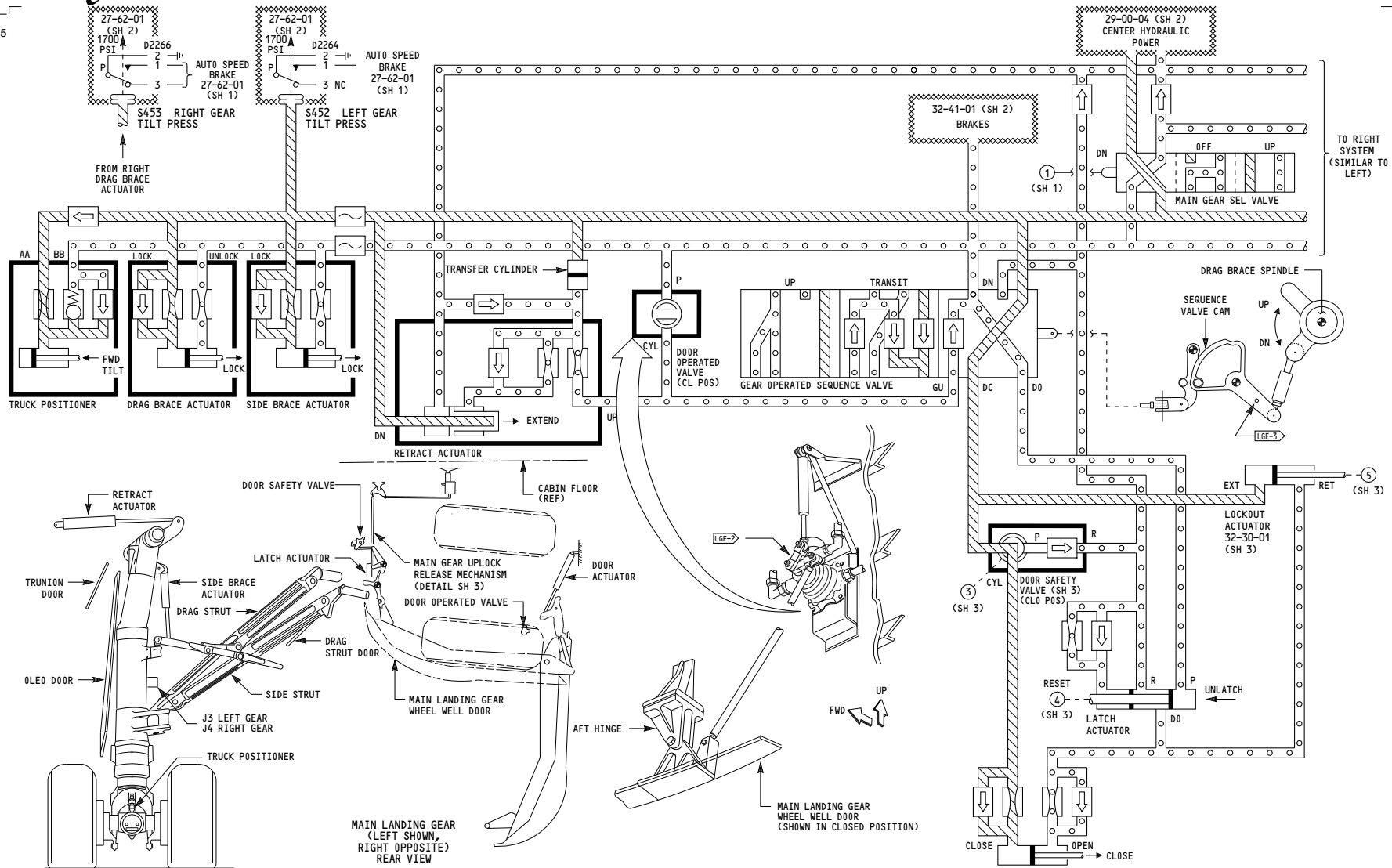


ALL	LANDING GEAR EXTENSION AND RETRACTION
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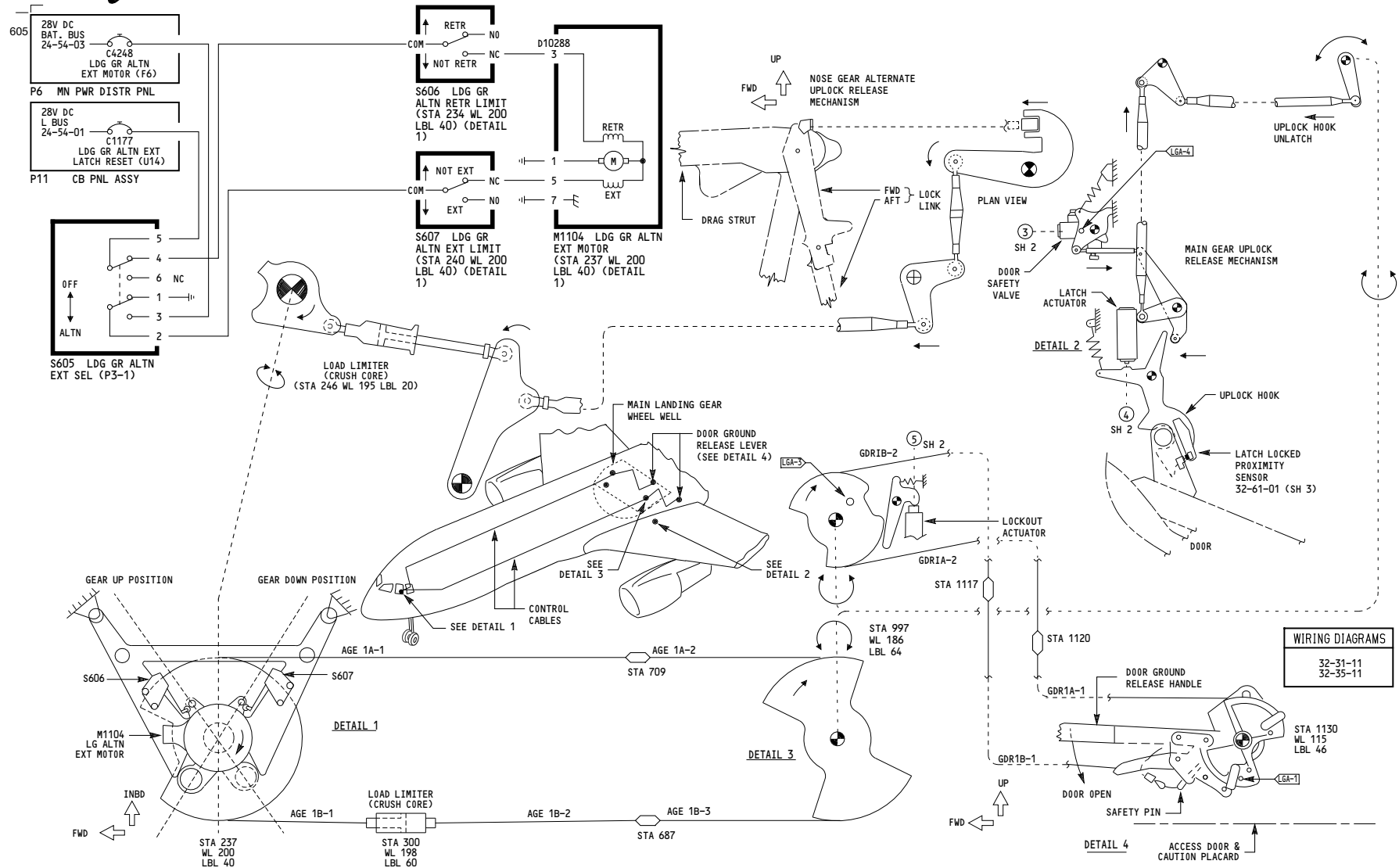
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EXTENSION AND RETRACTION**

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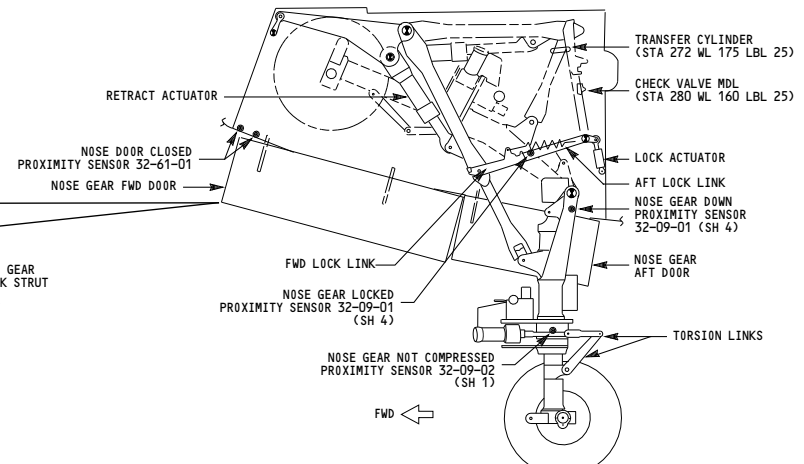
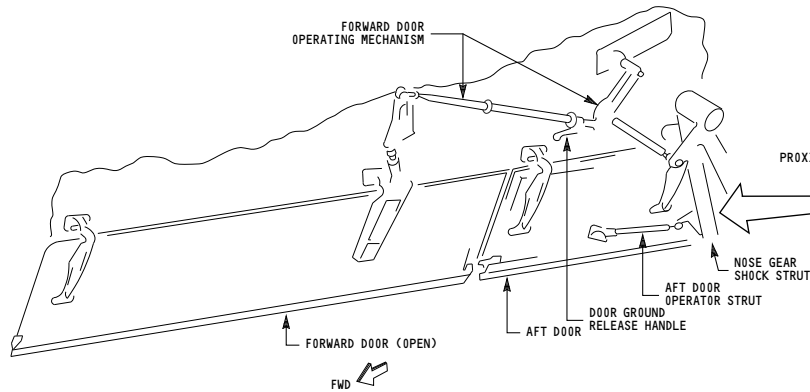
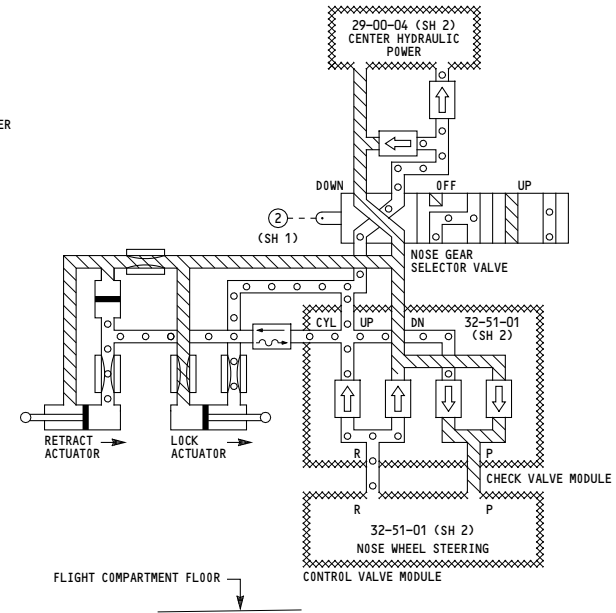
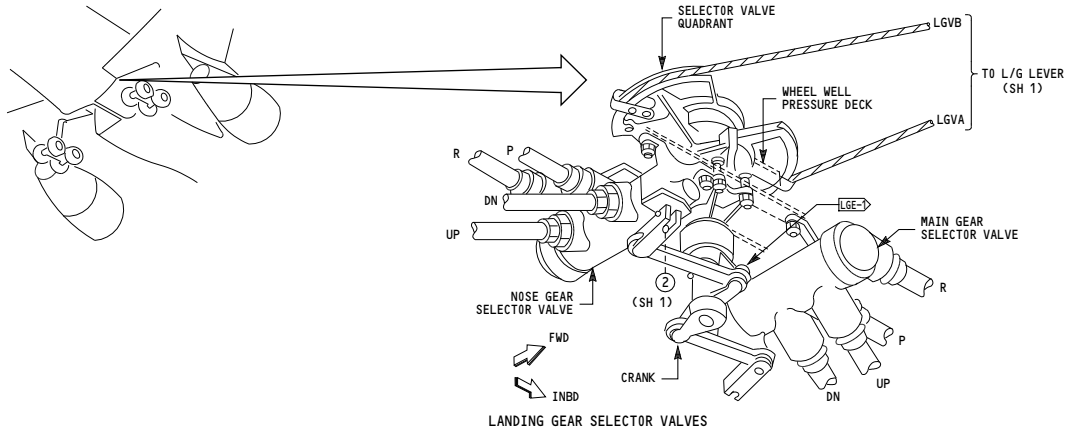


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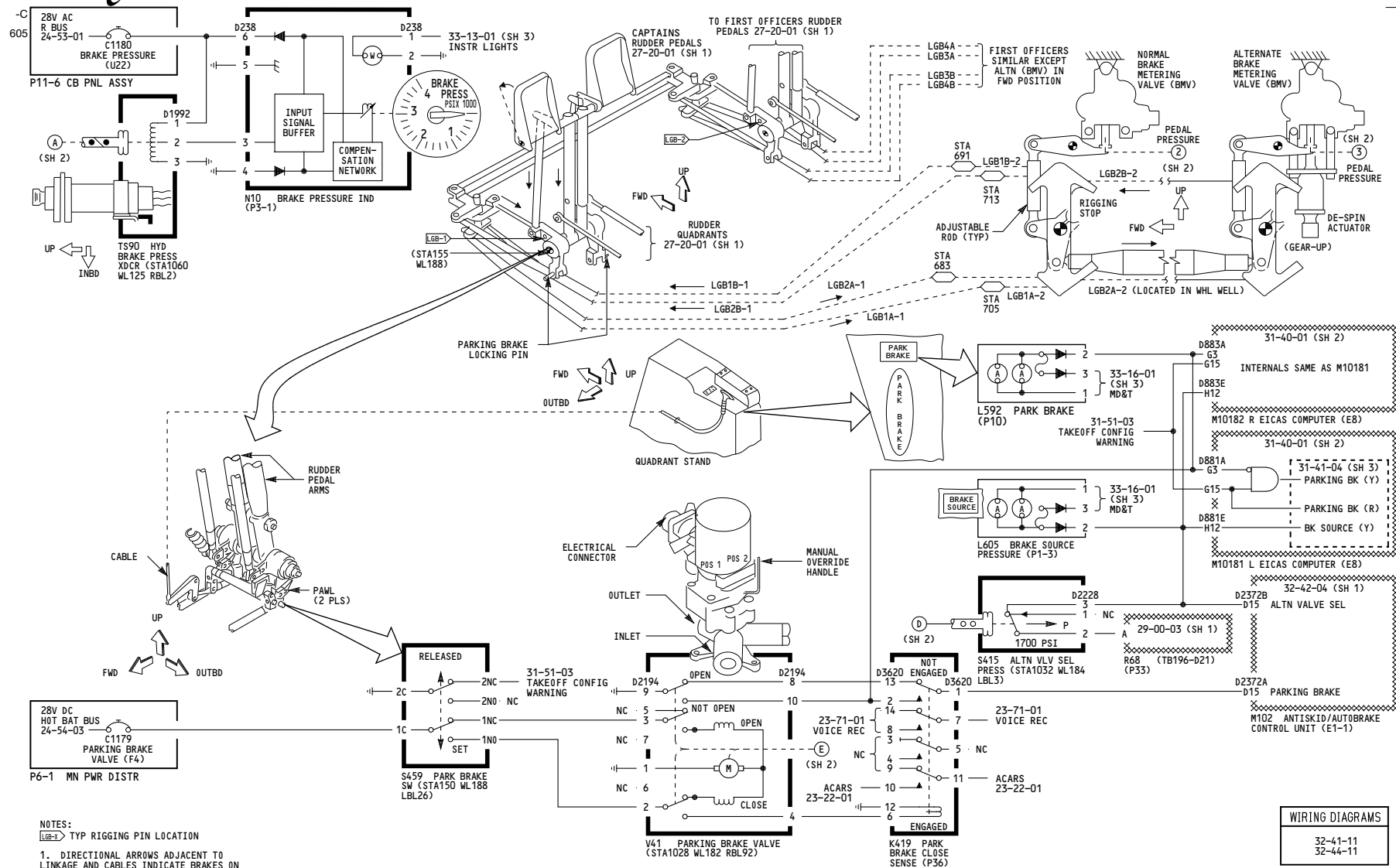
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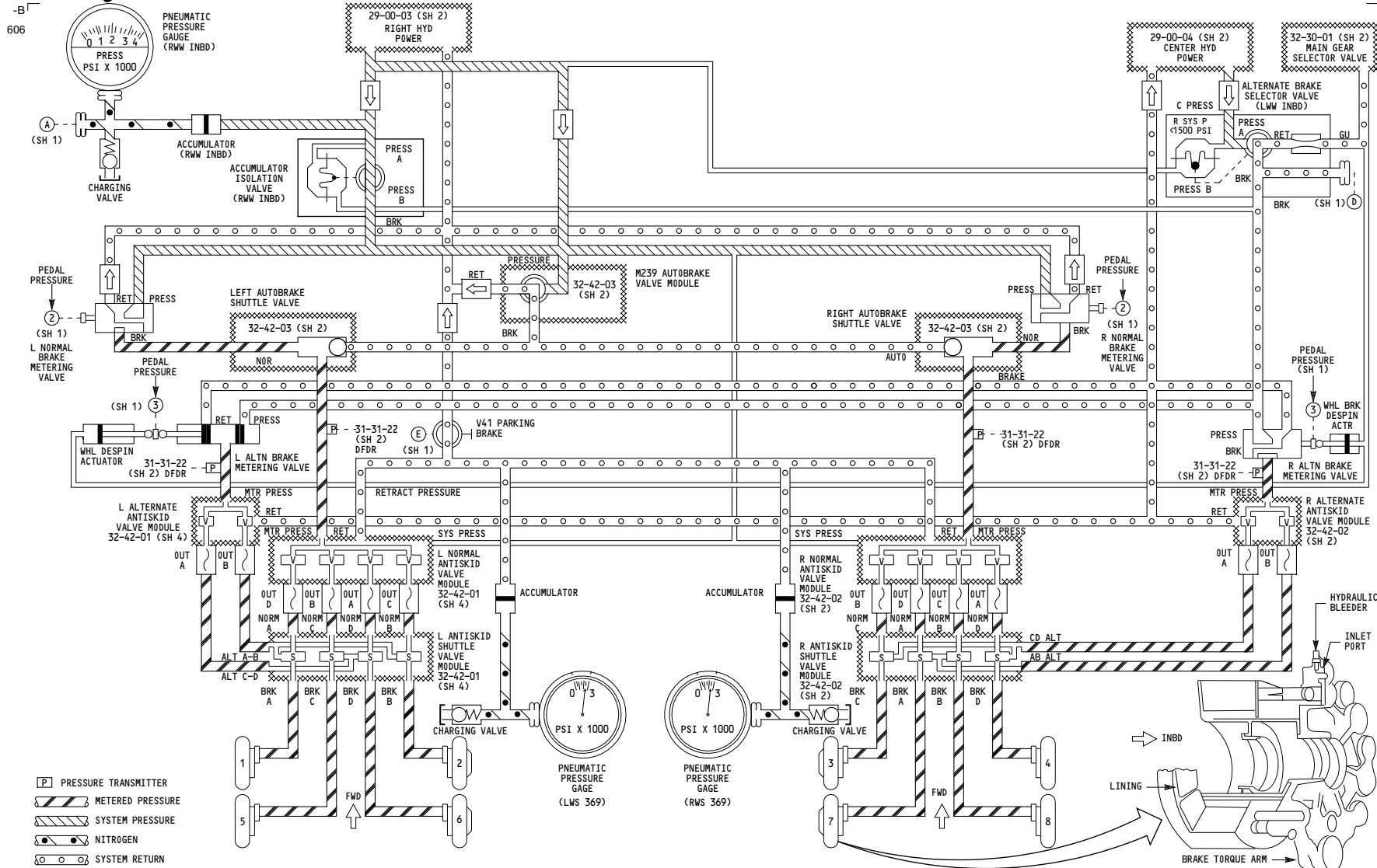
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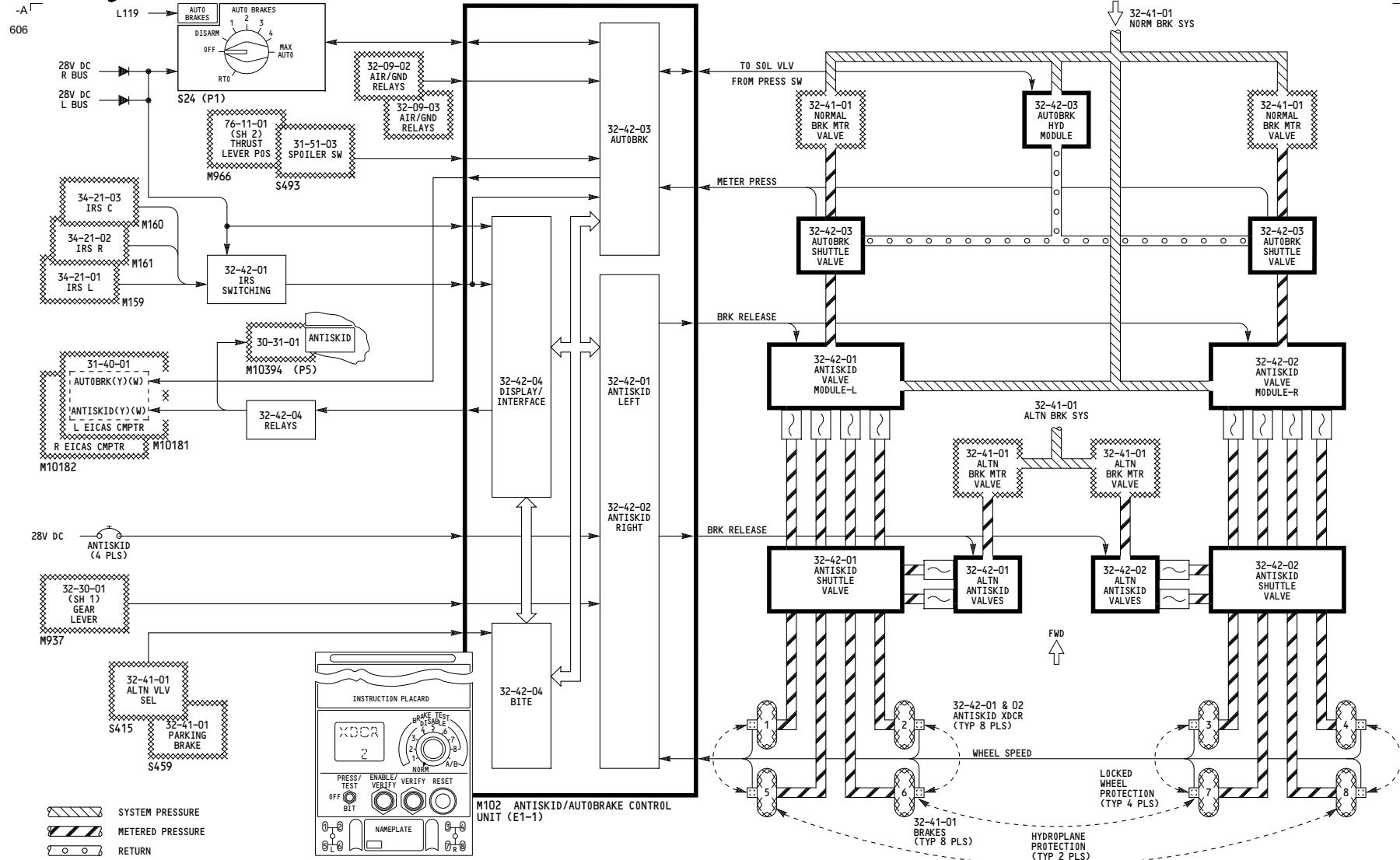
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BRAKES

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ANTISKID/AUTOBRAKE-
SIMPLIFIED

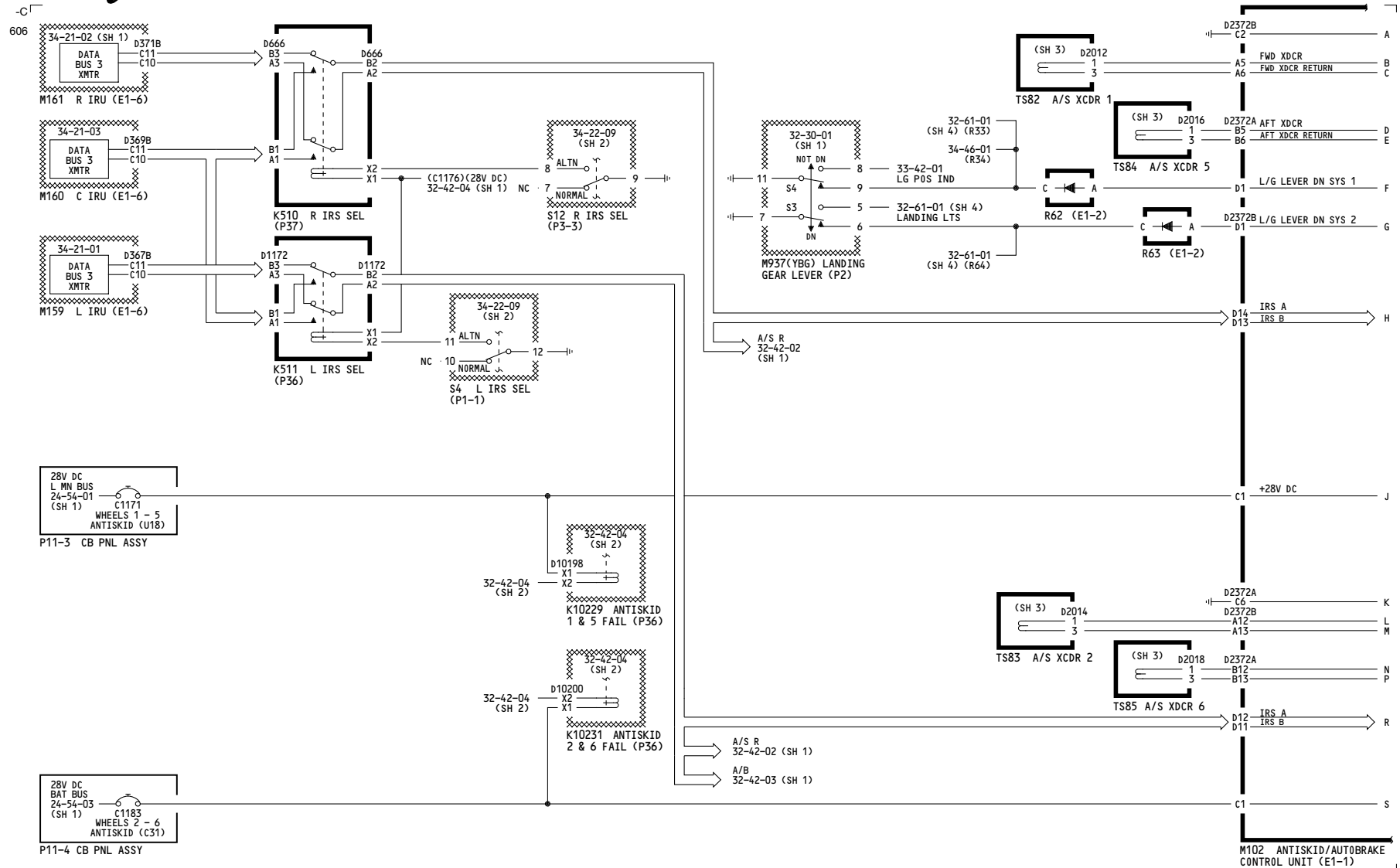
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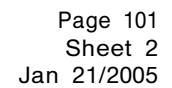
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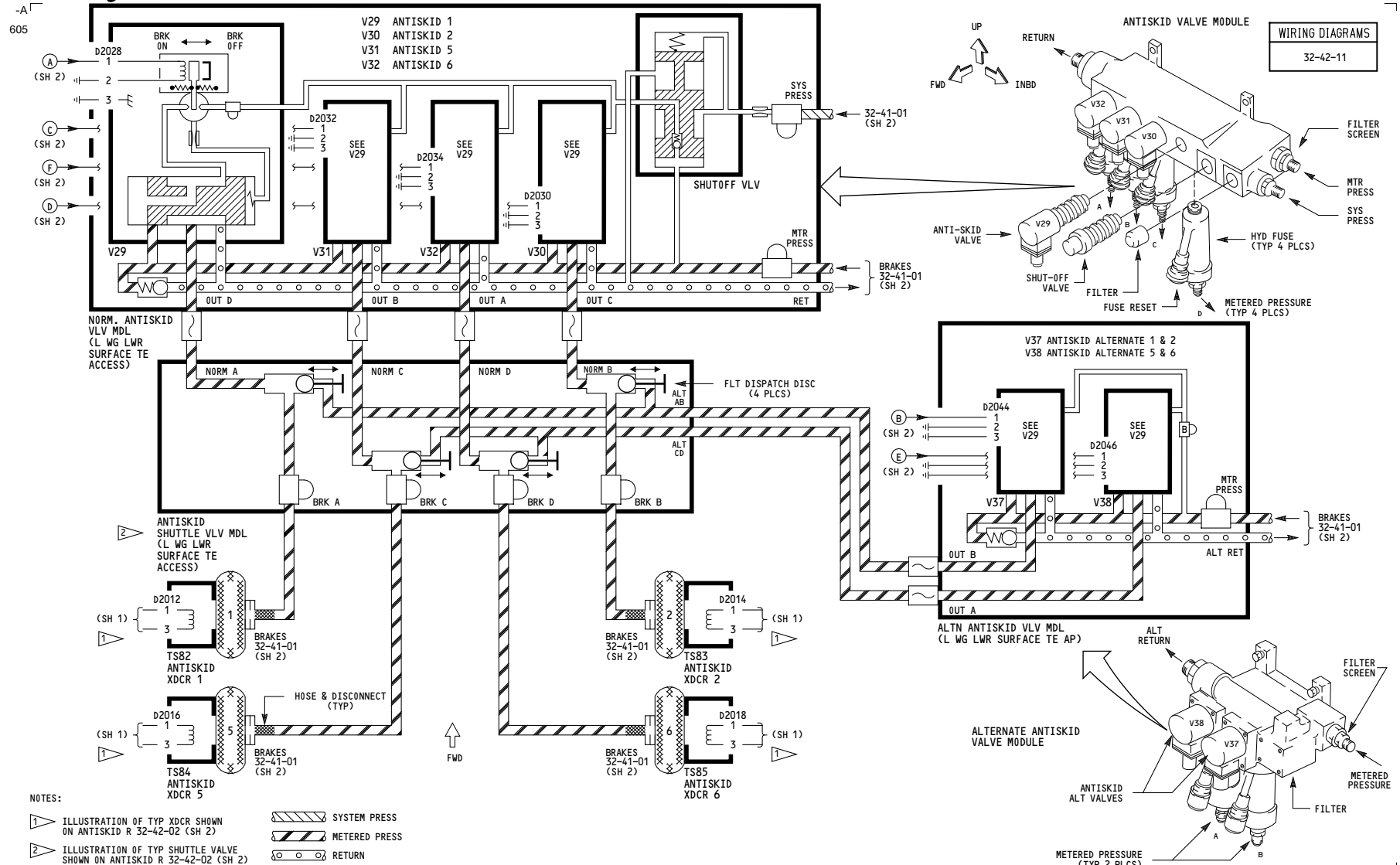
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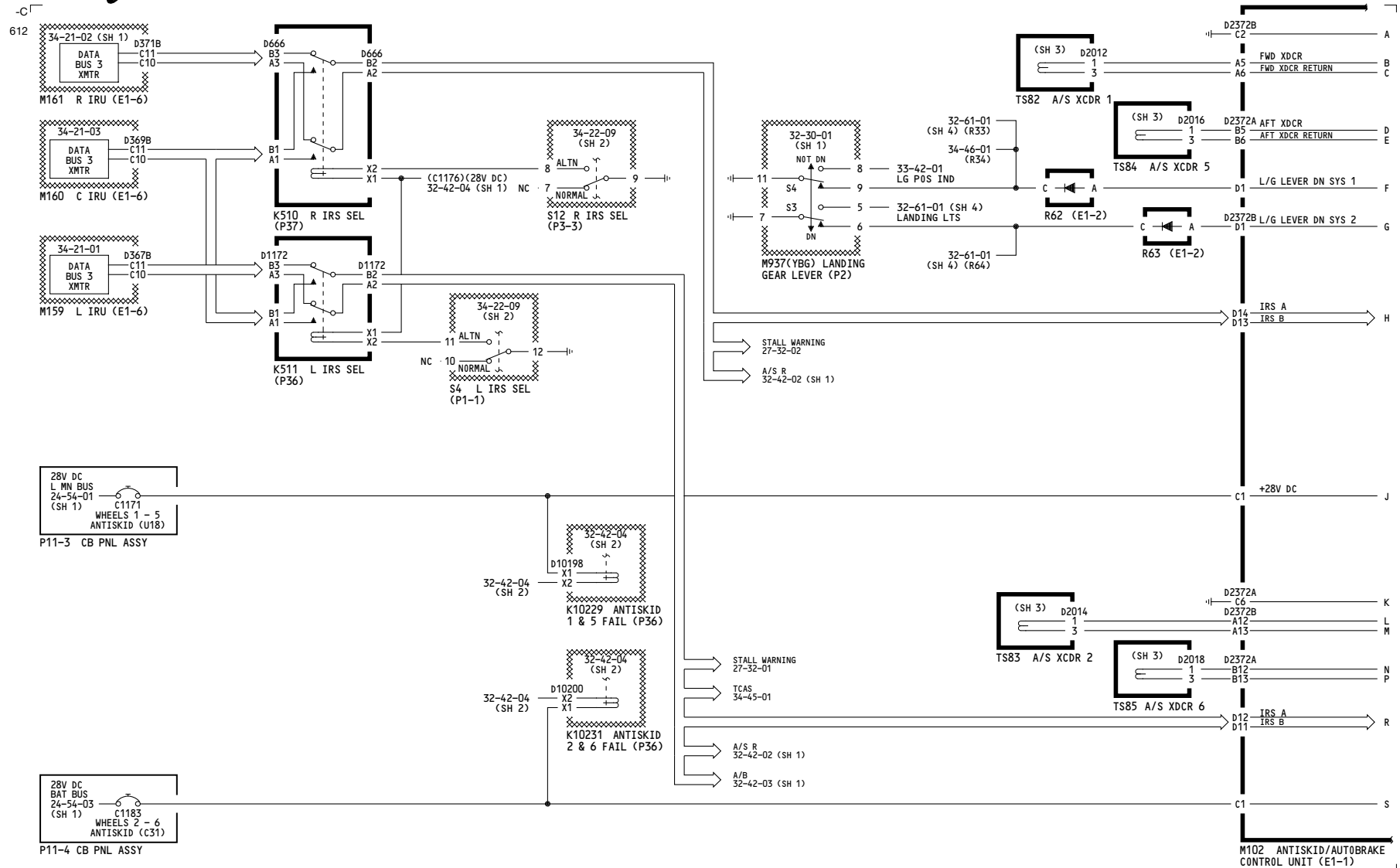
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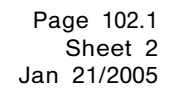
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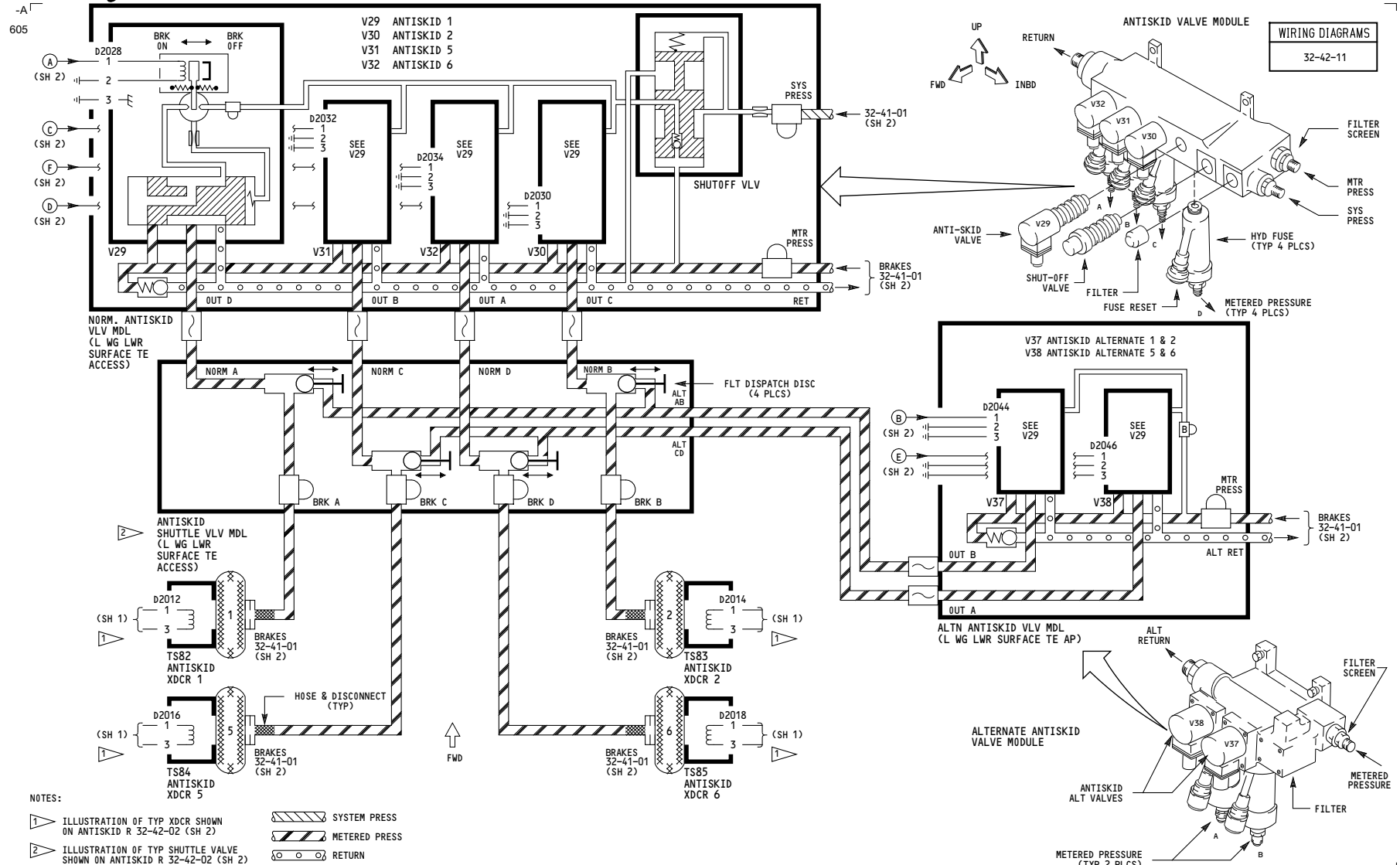
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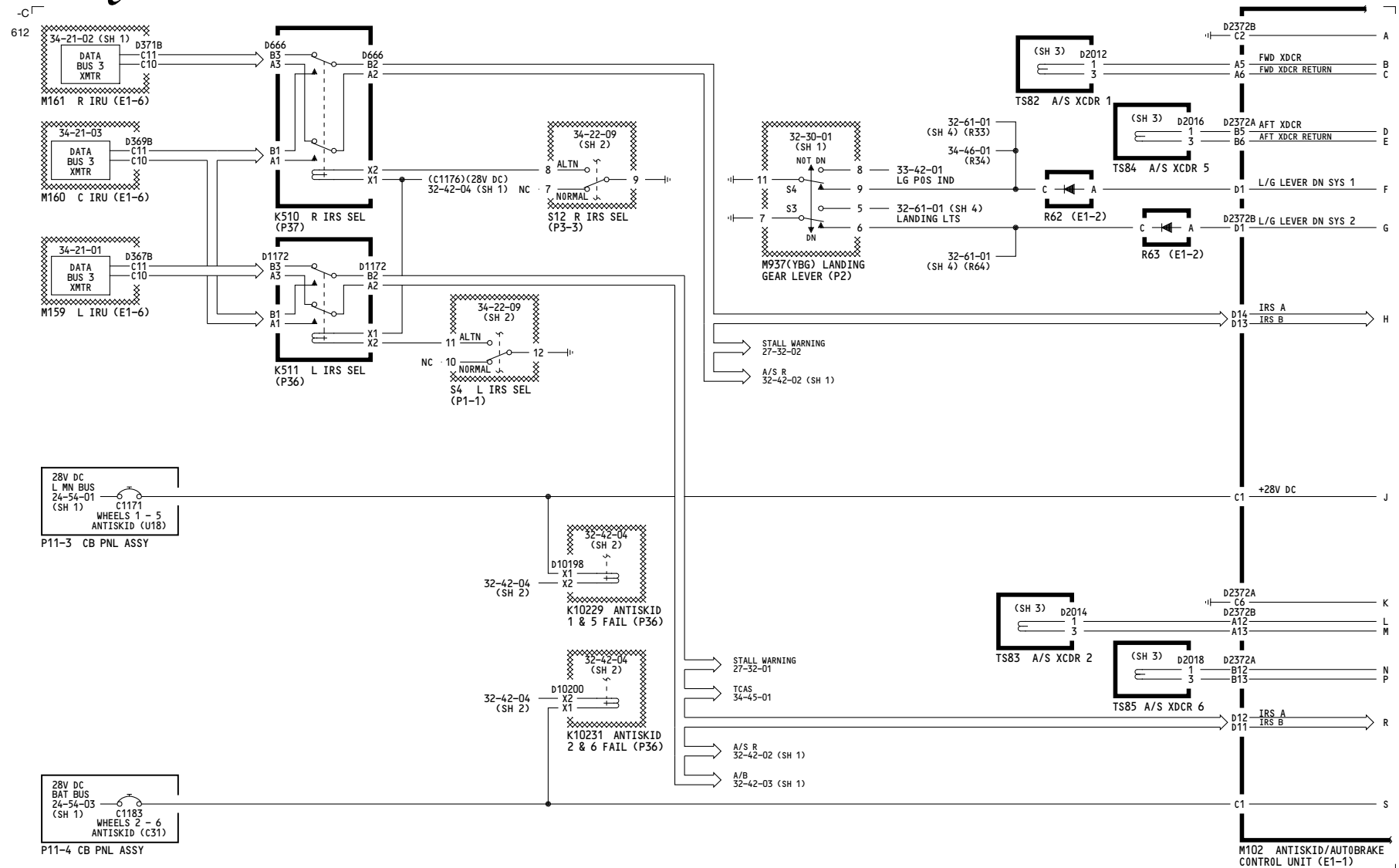
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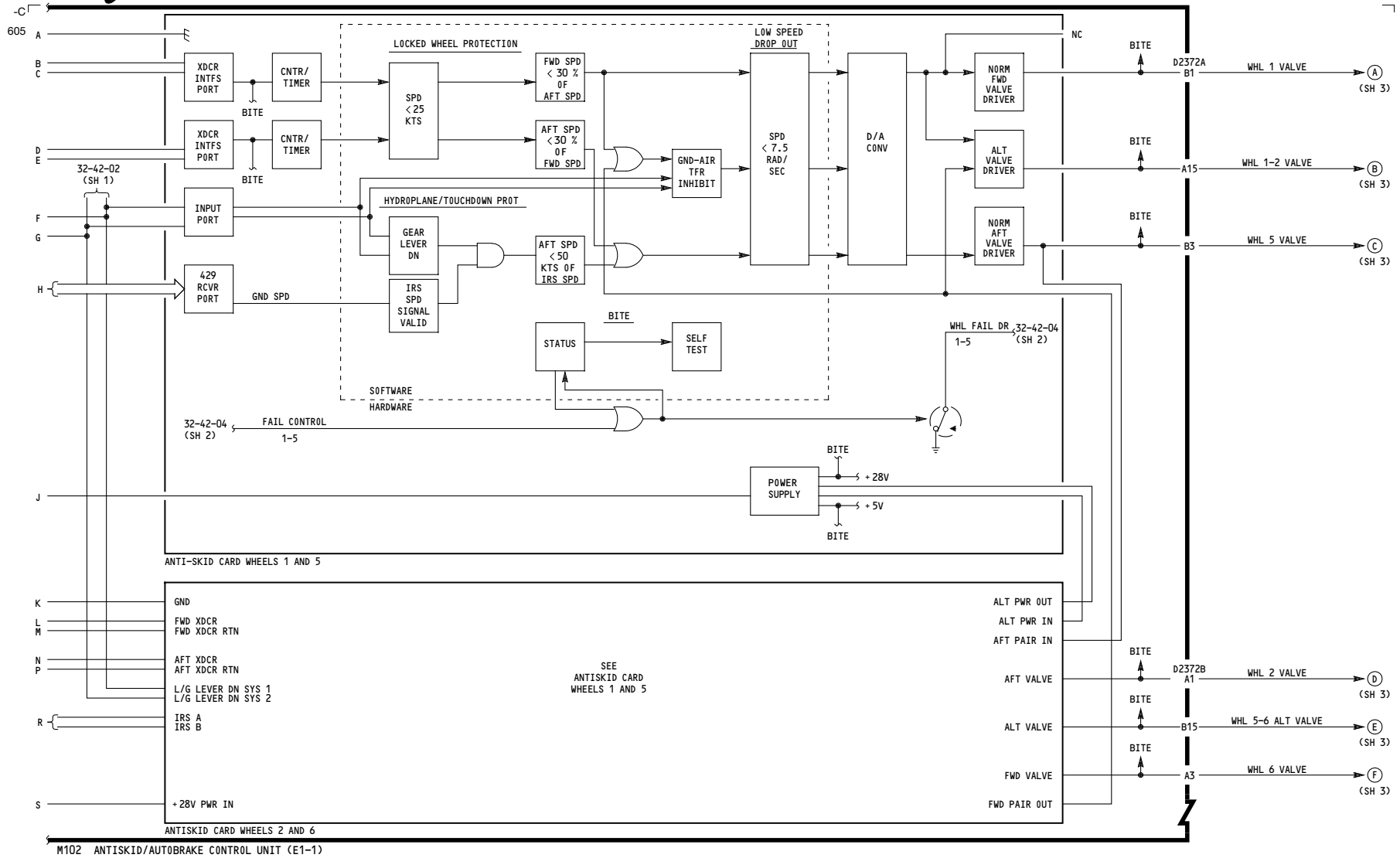
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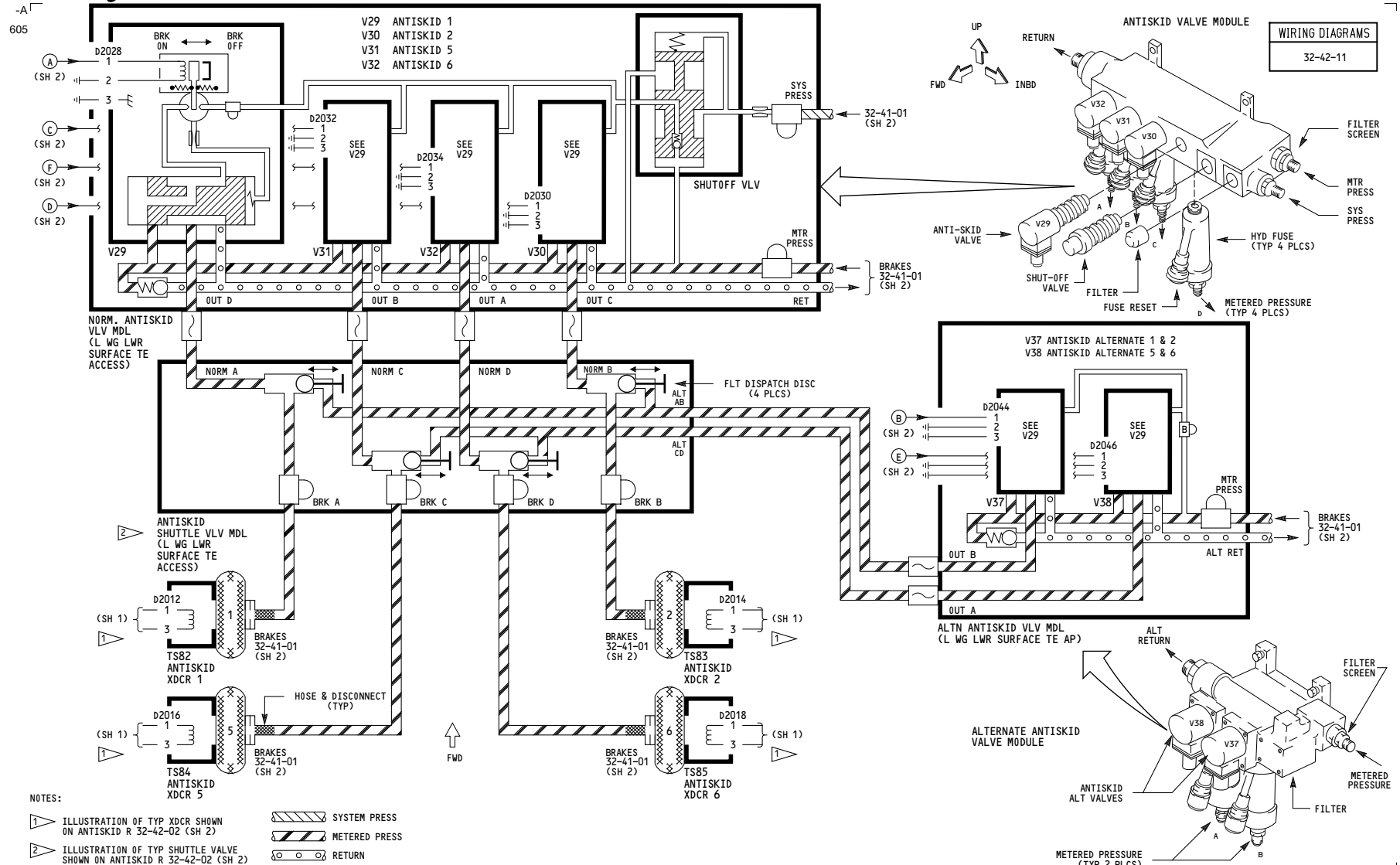
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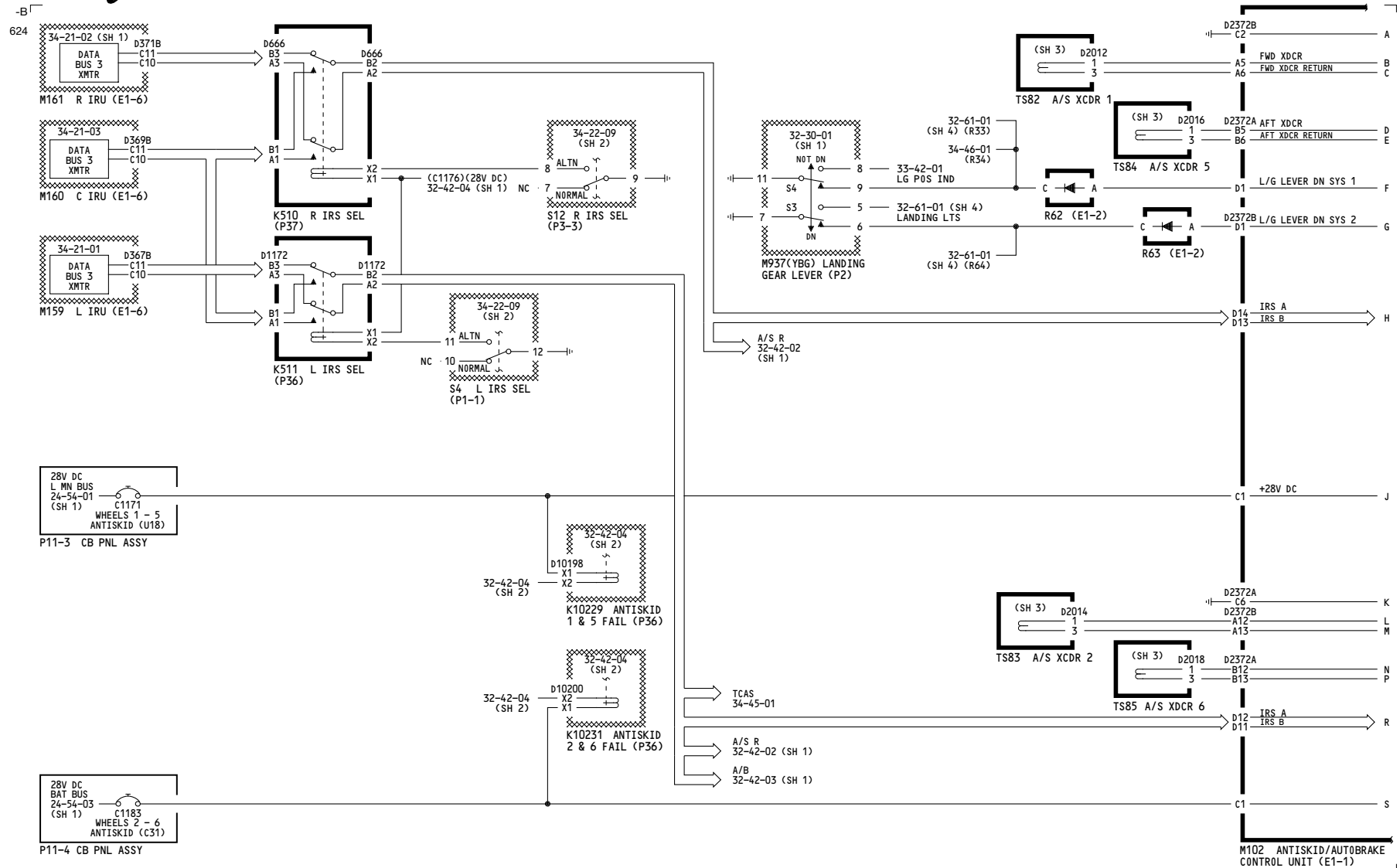
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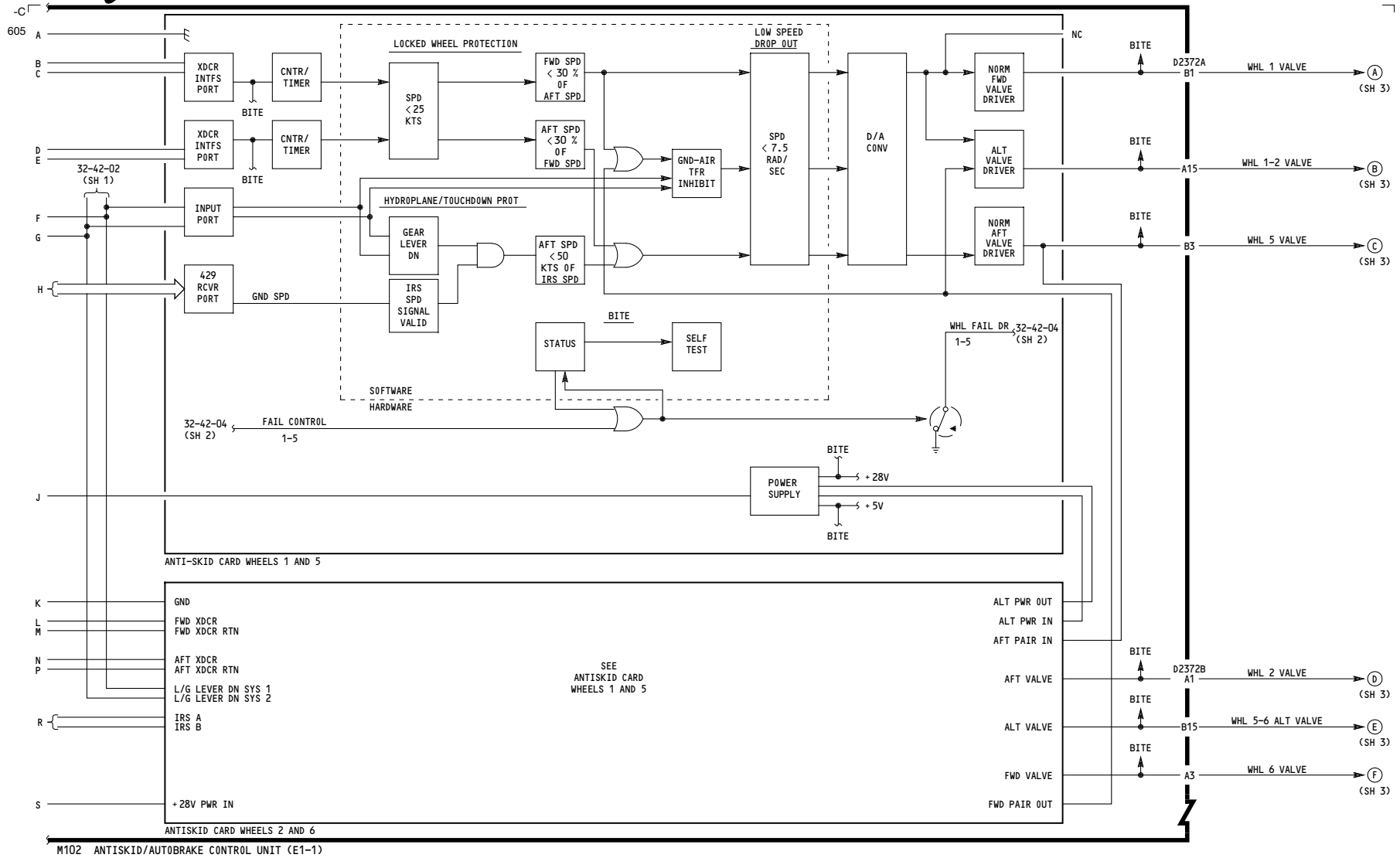
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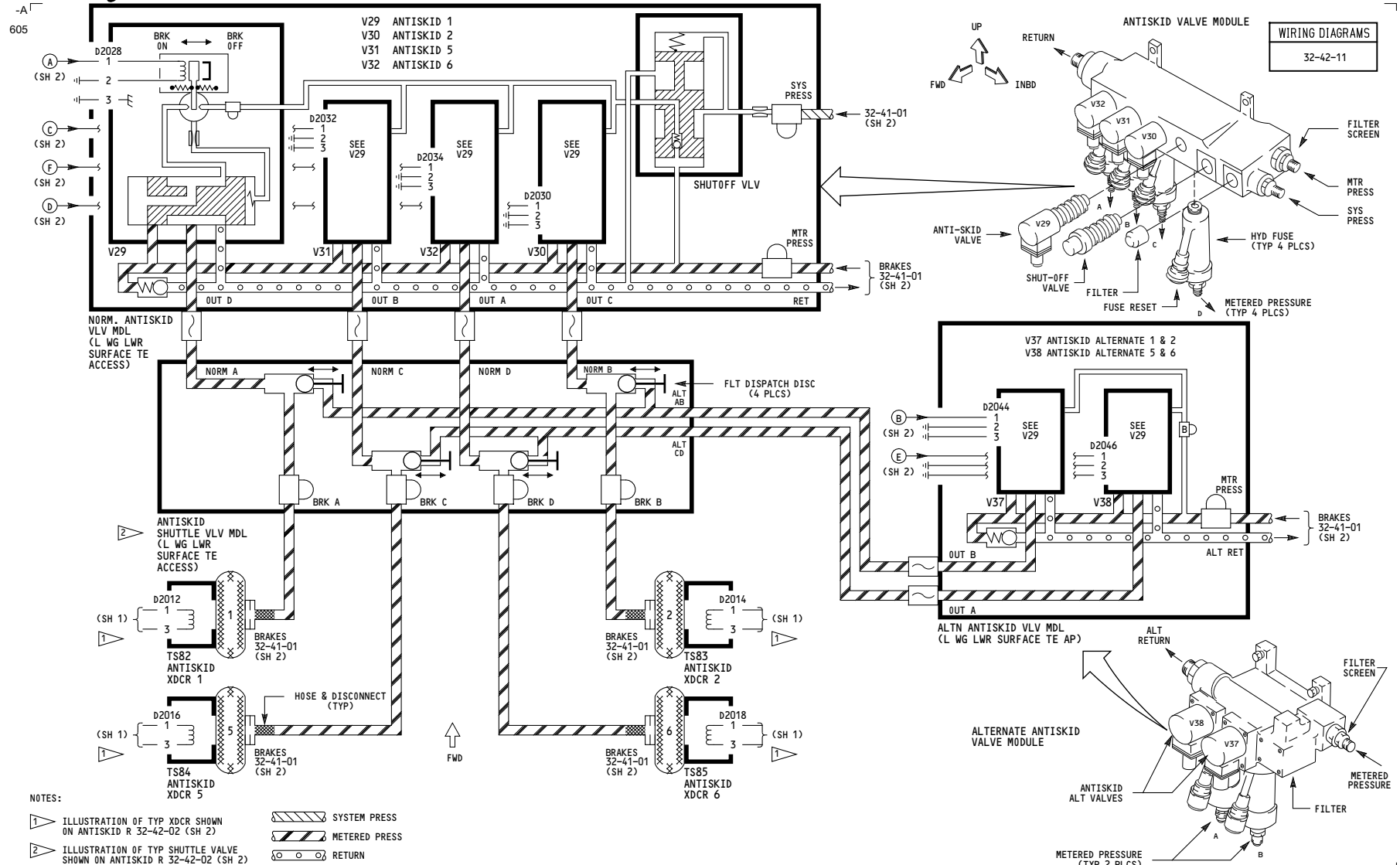
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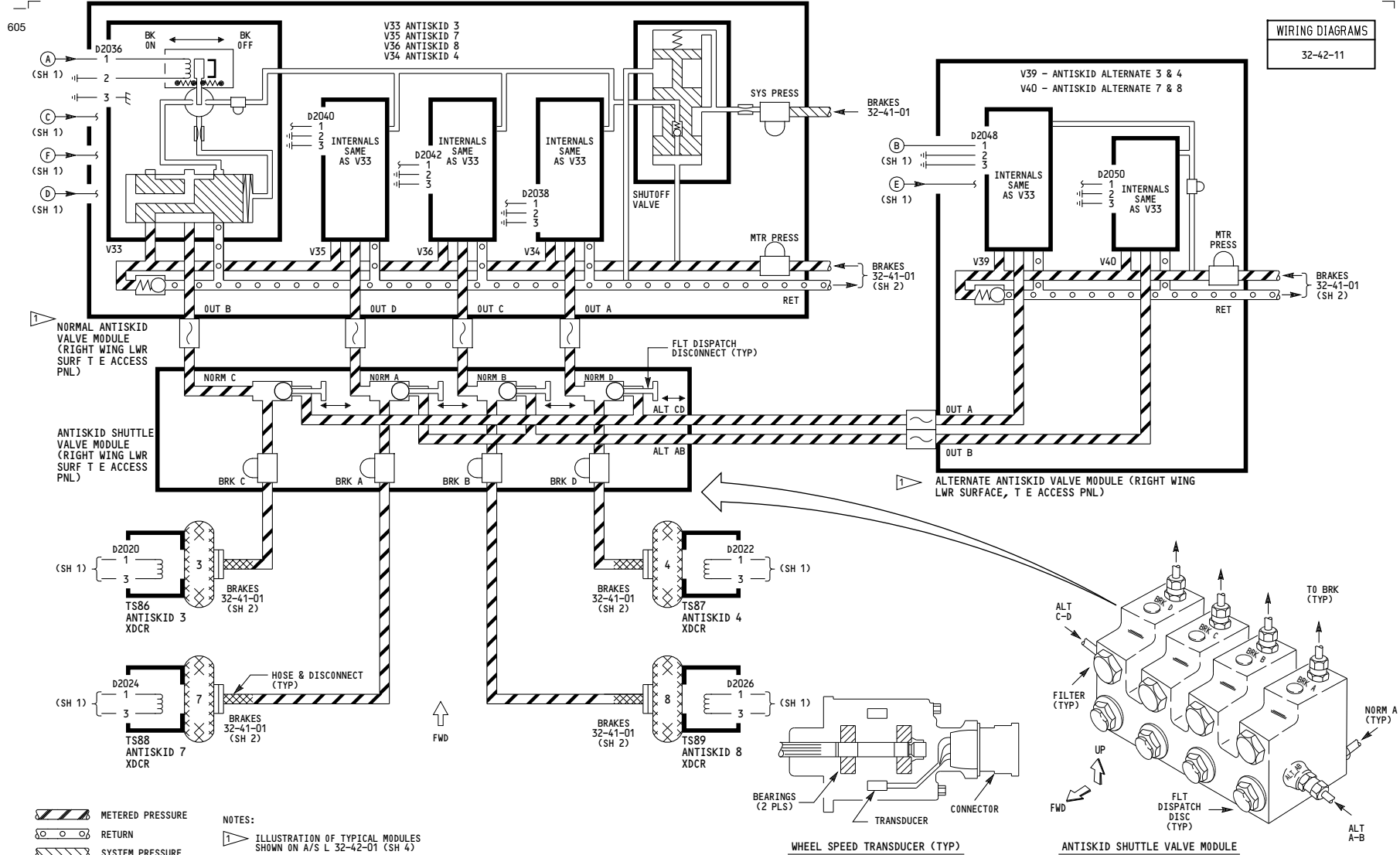
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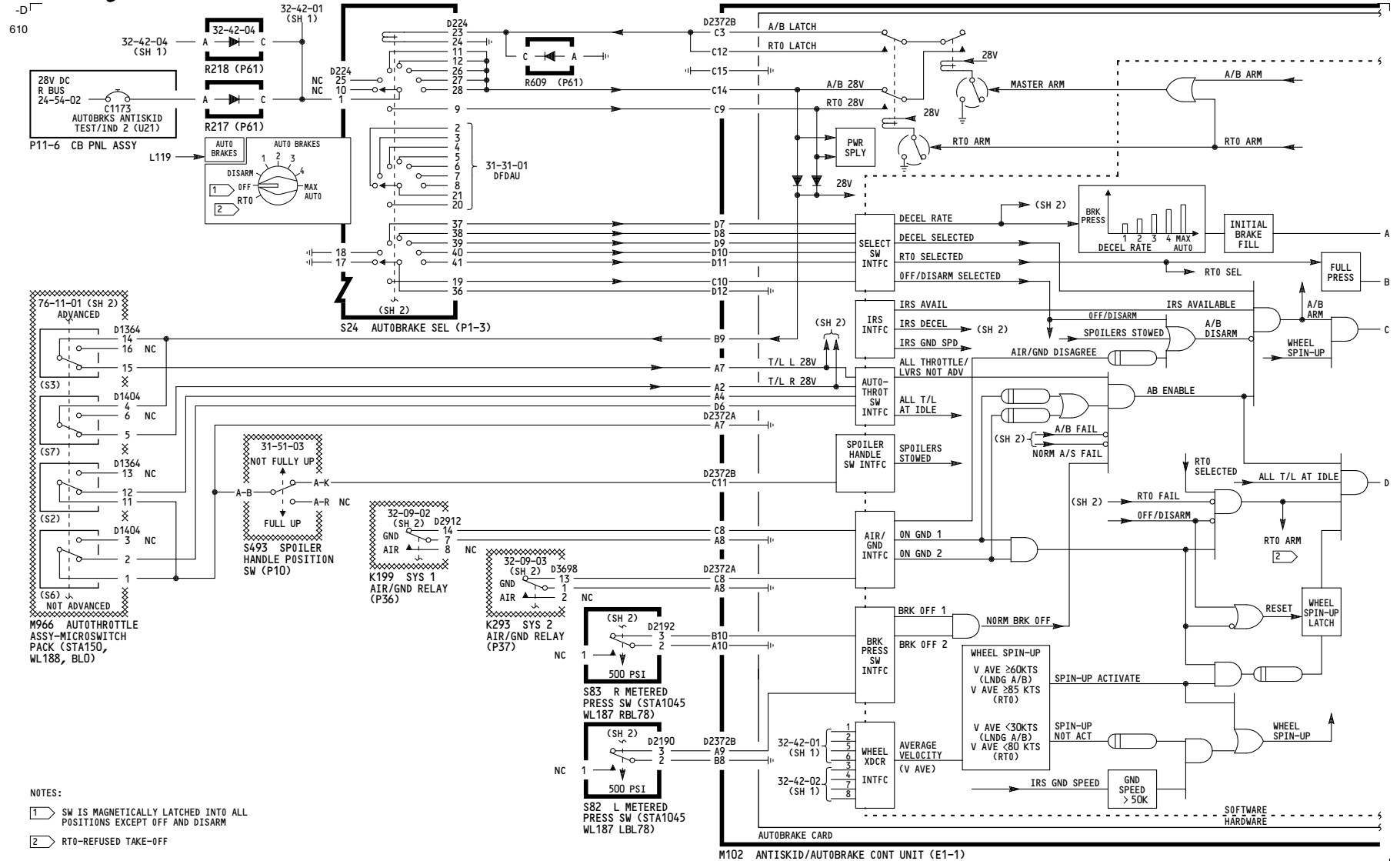
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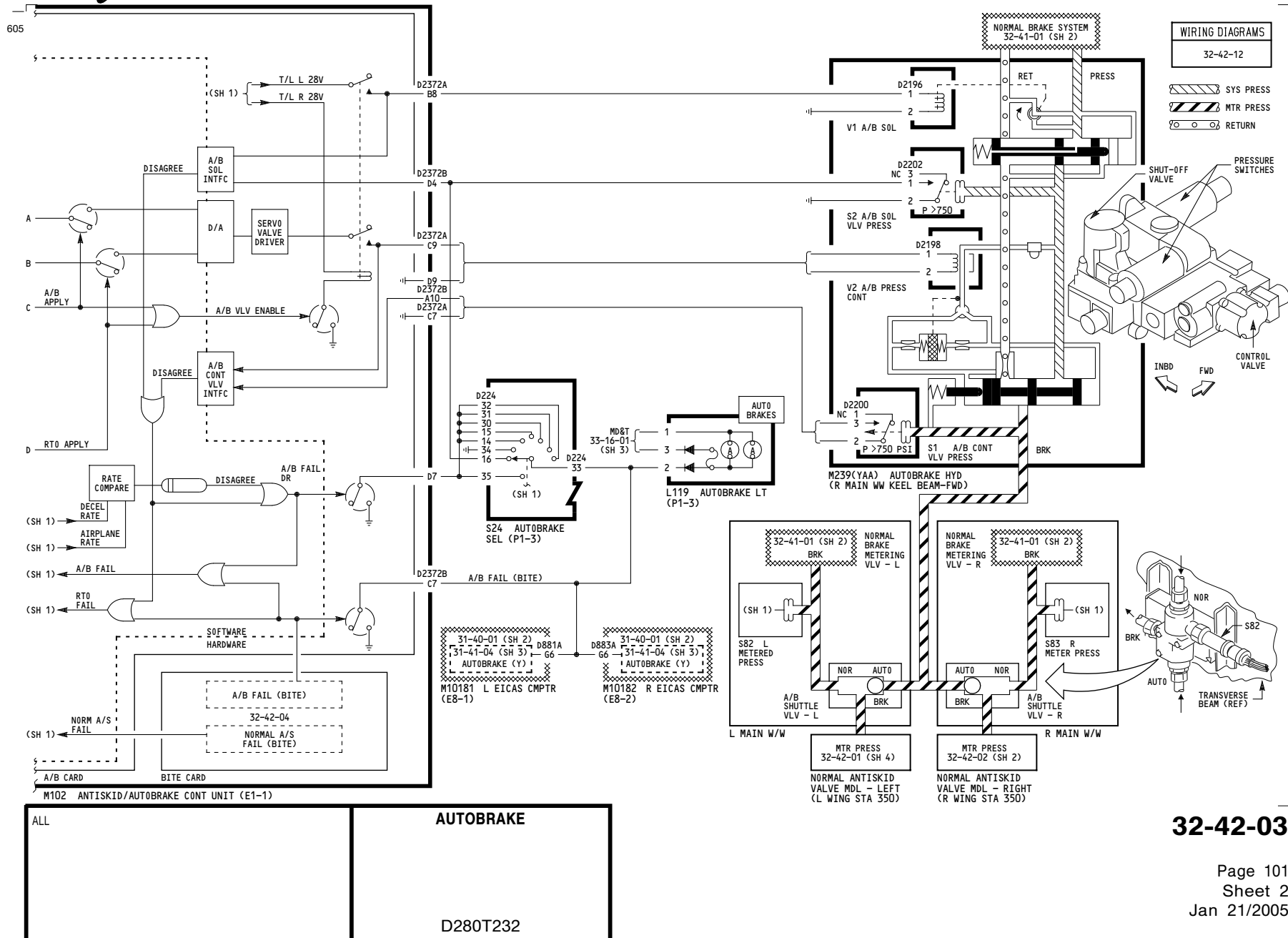
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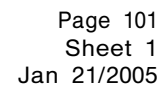
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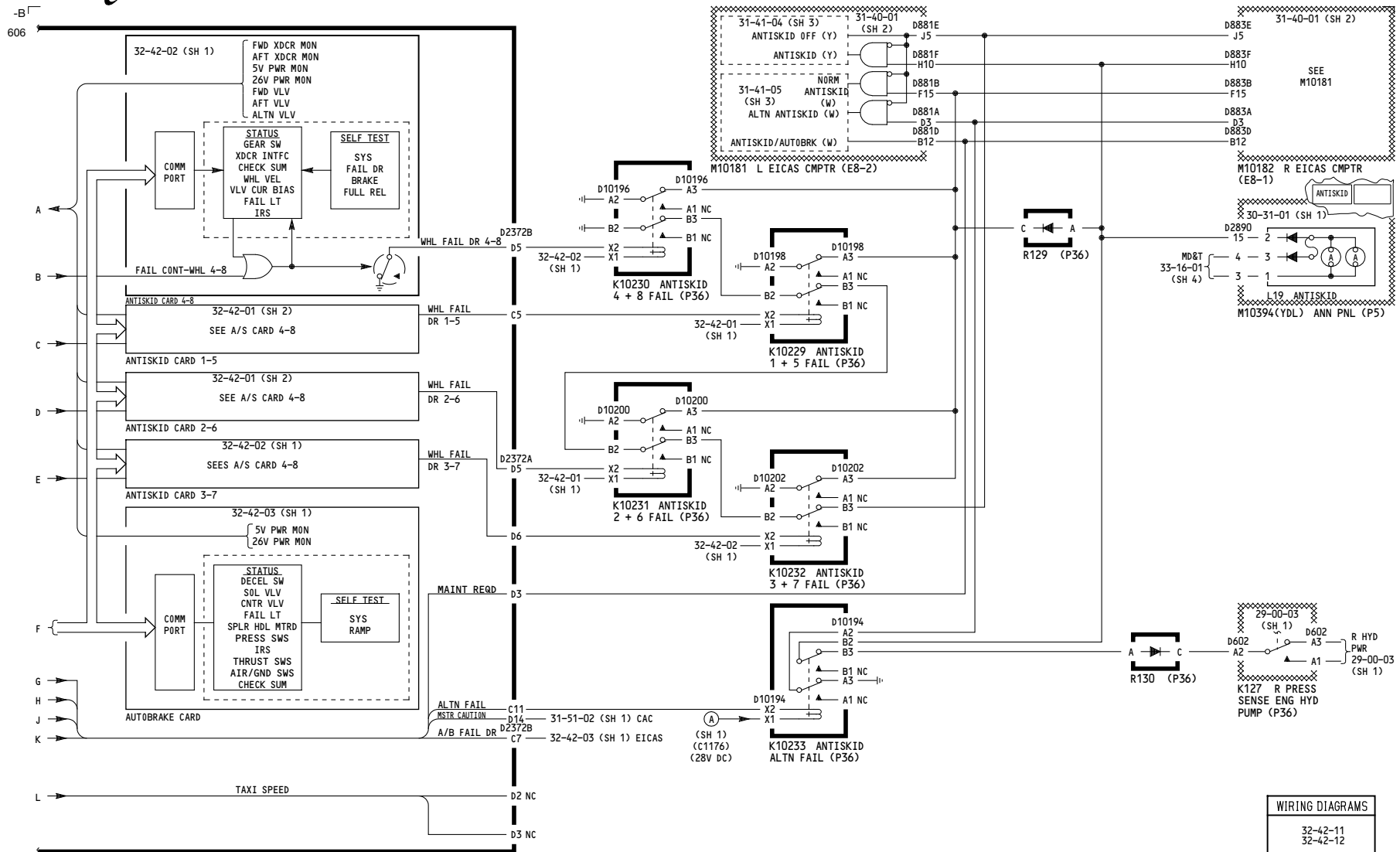
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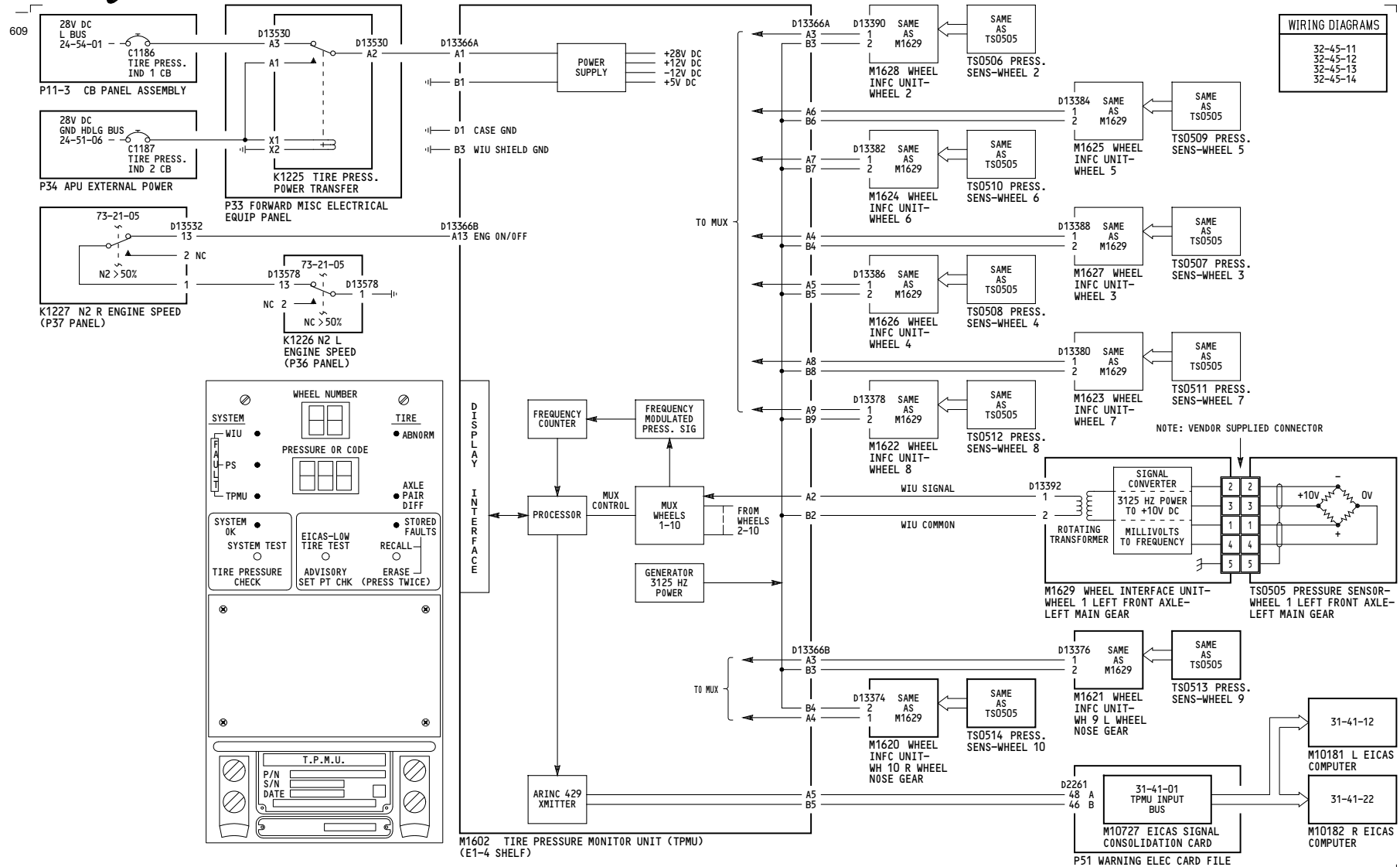
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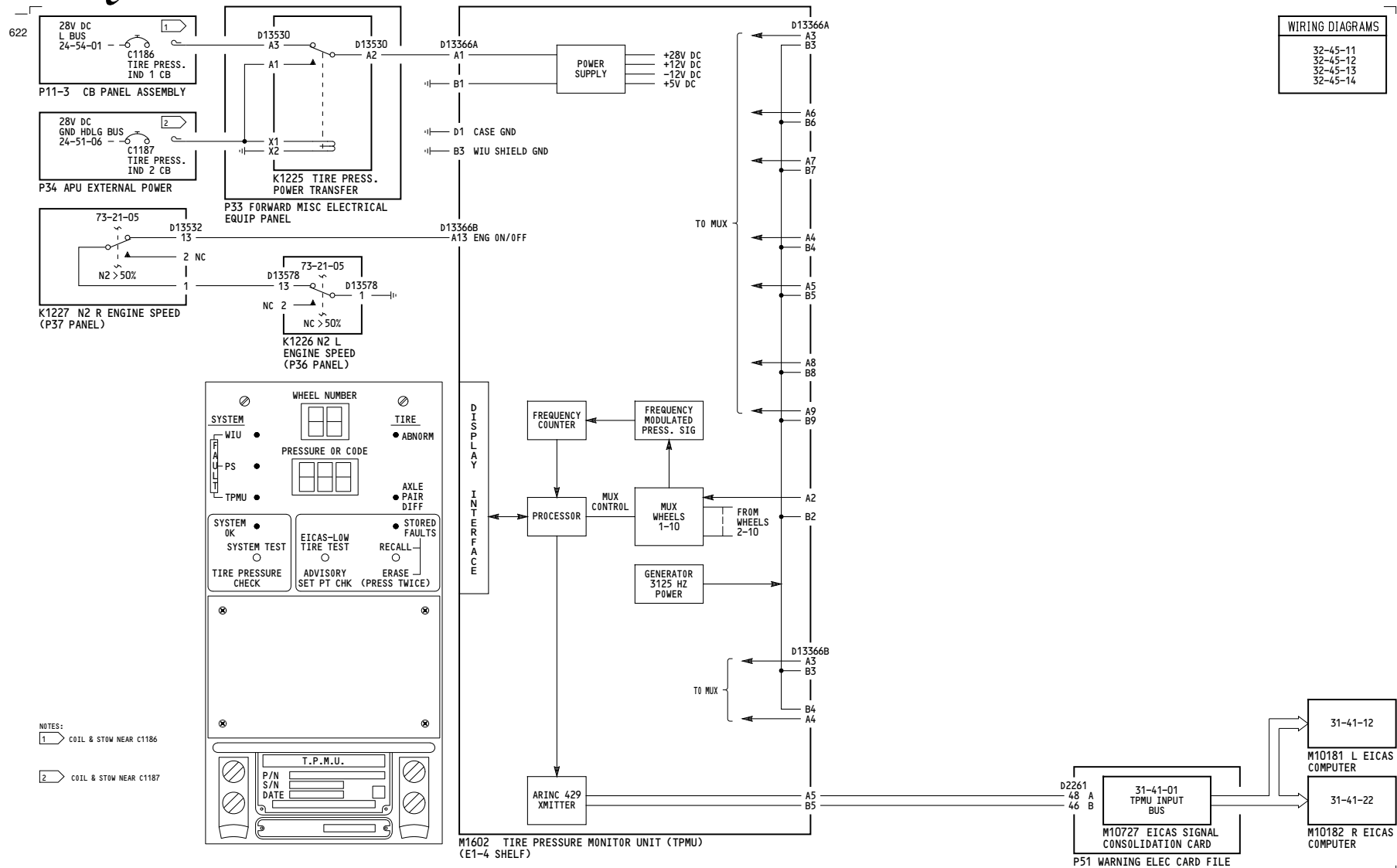
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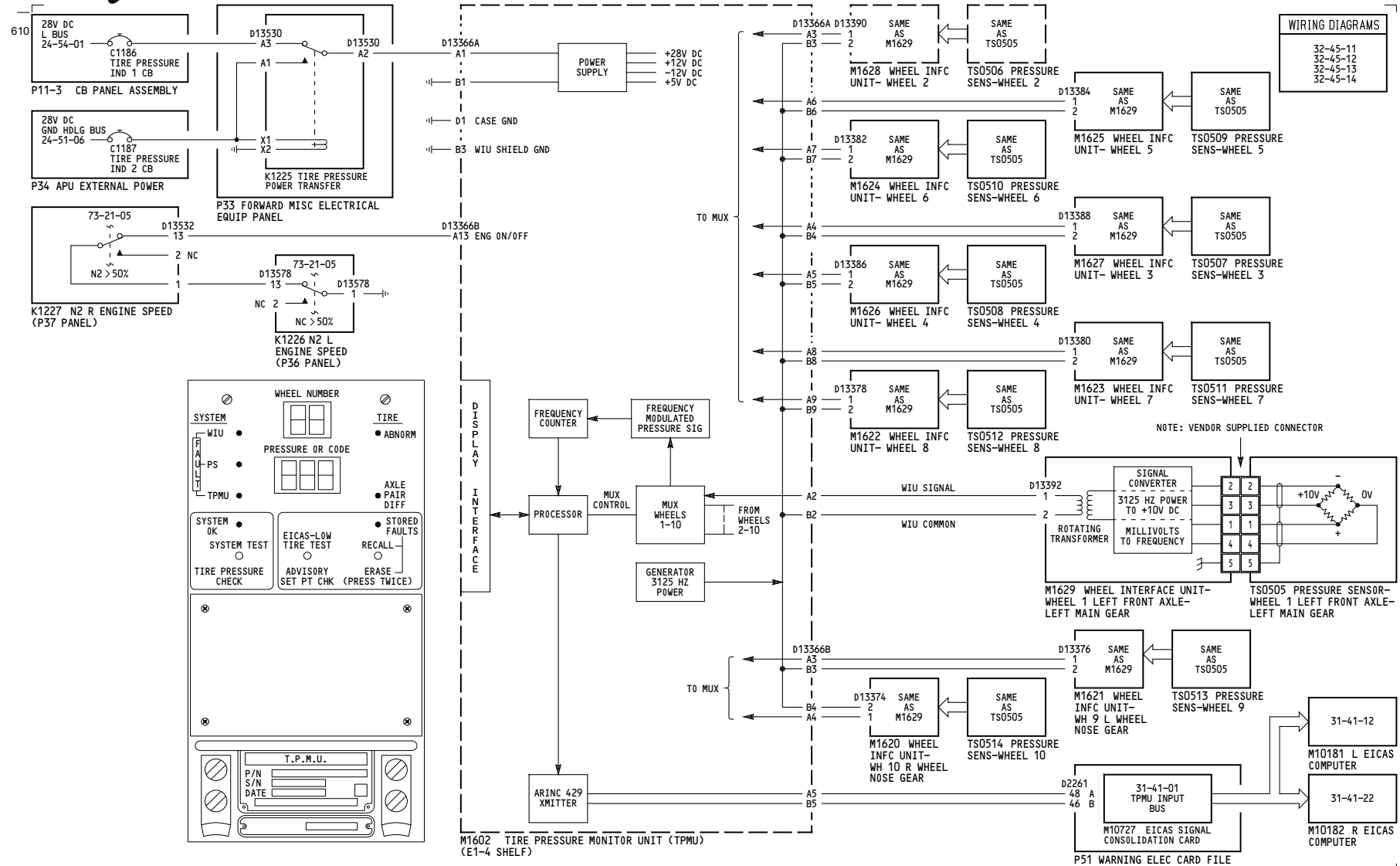
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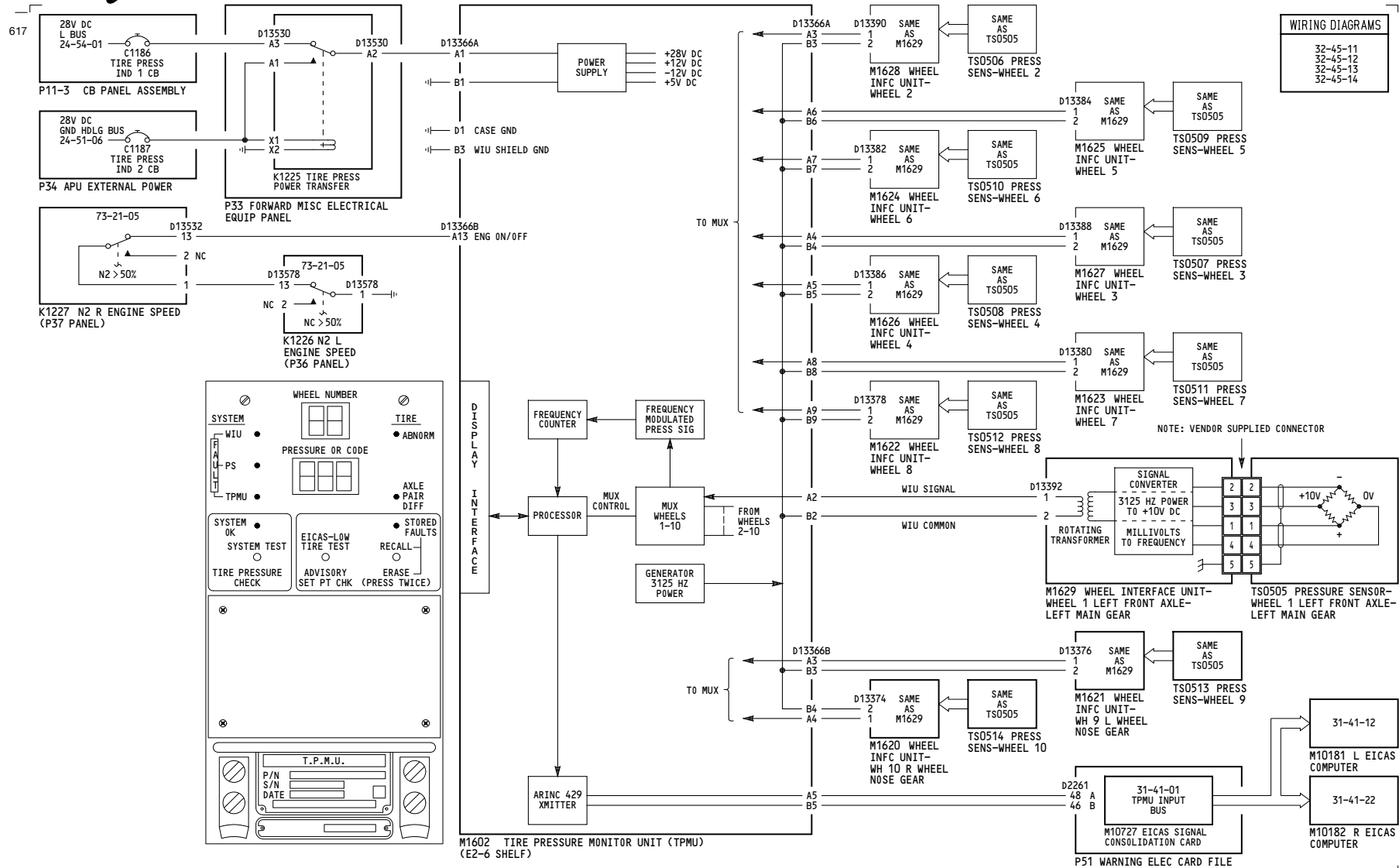
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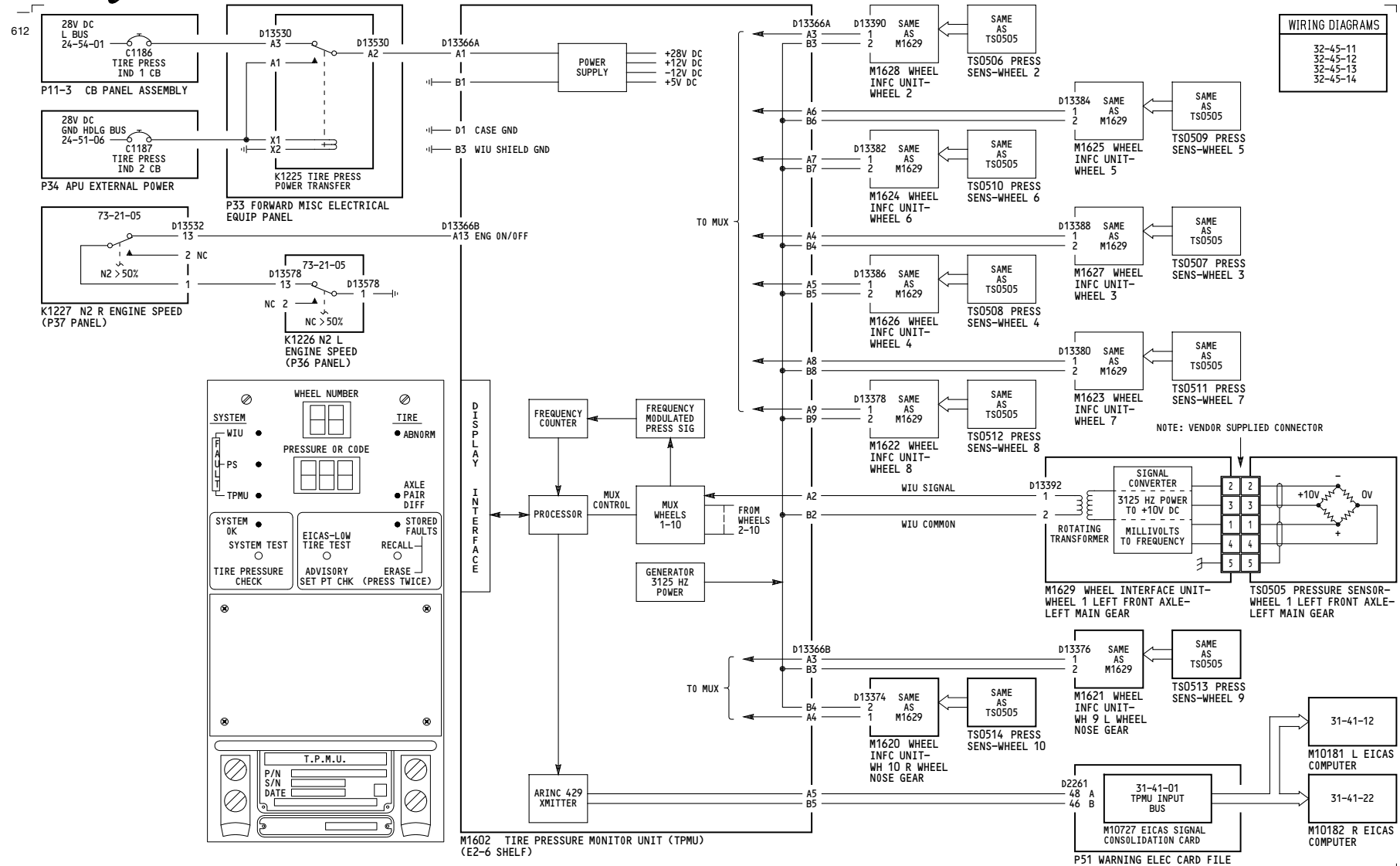
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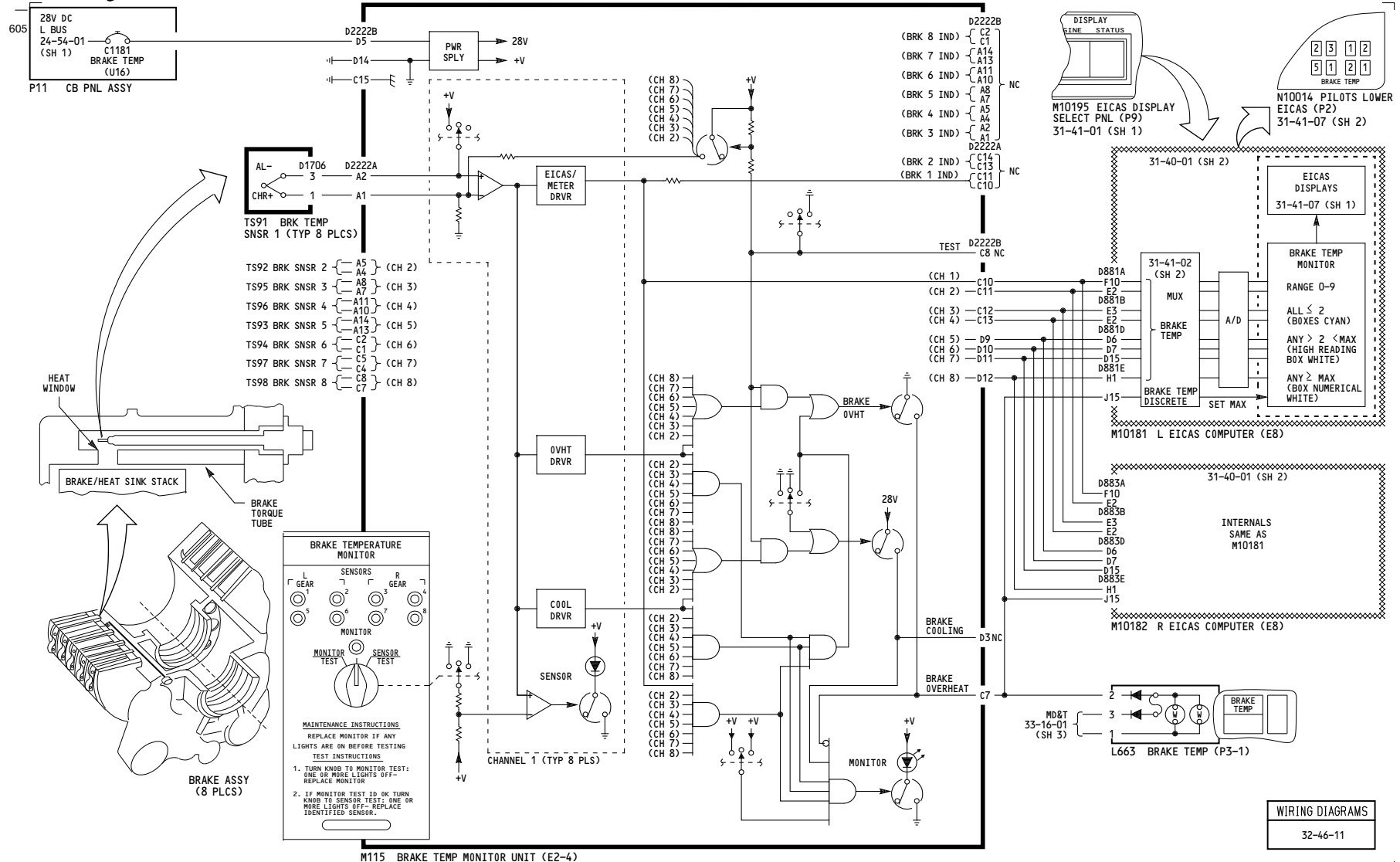
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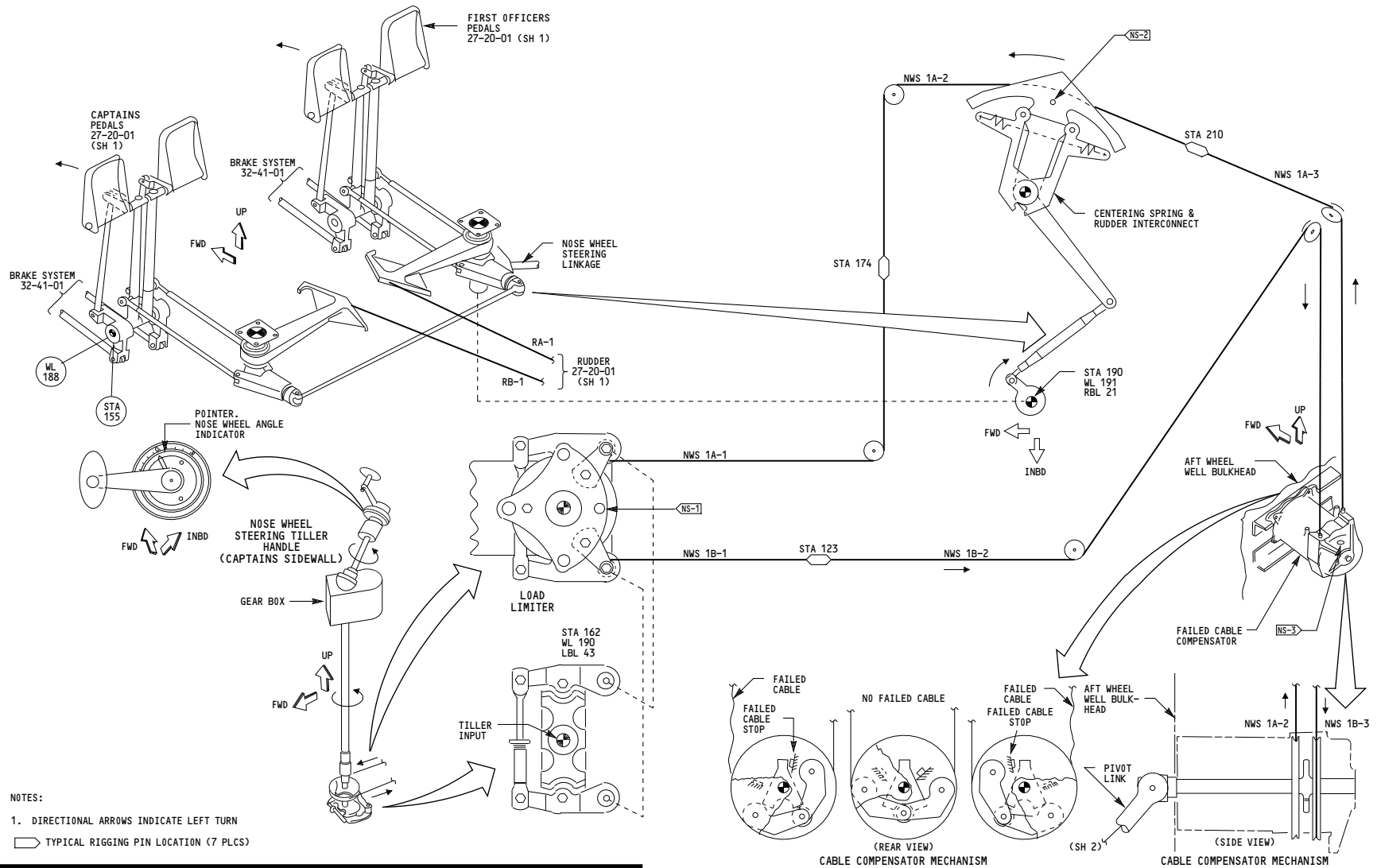
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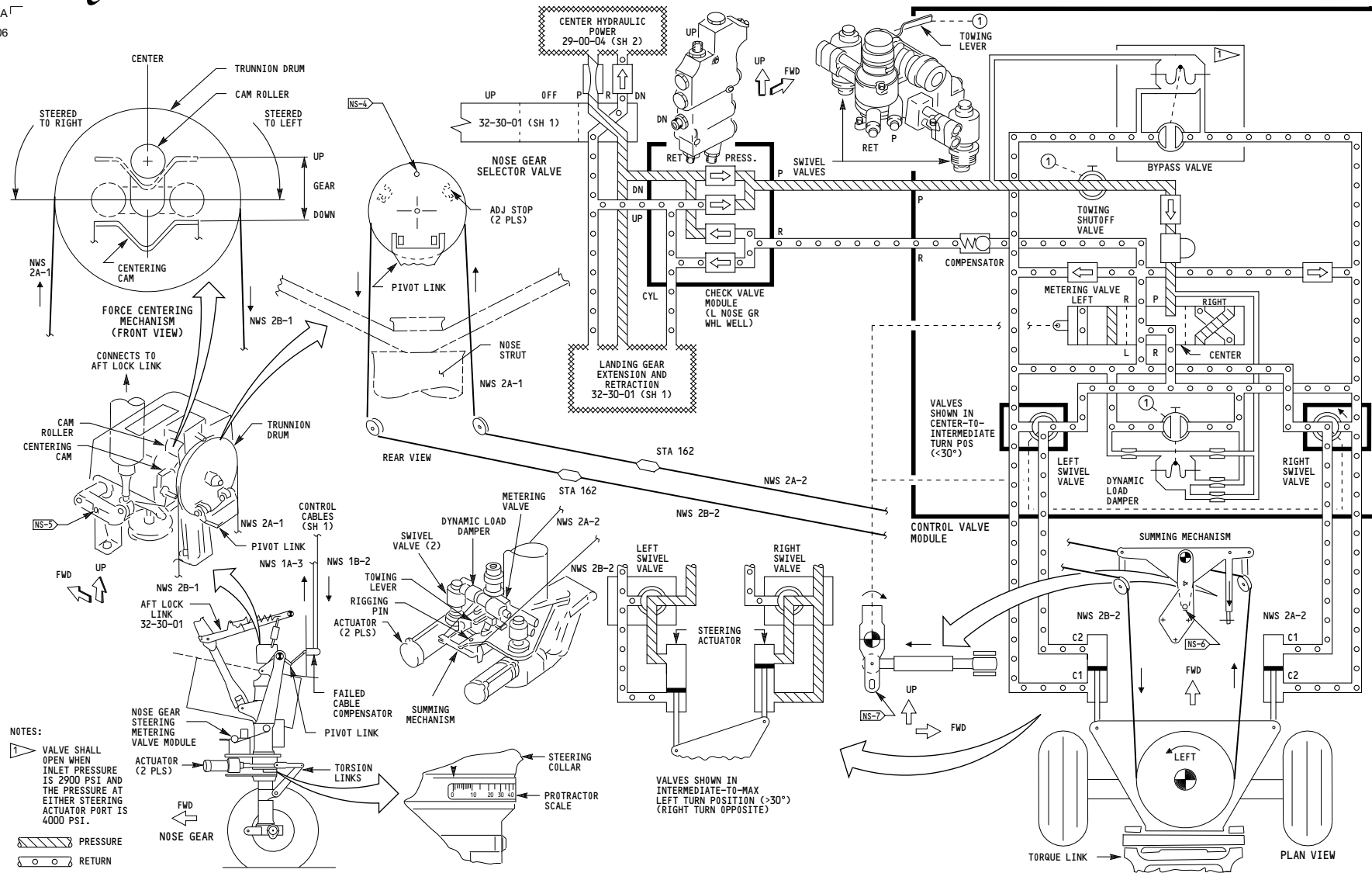
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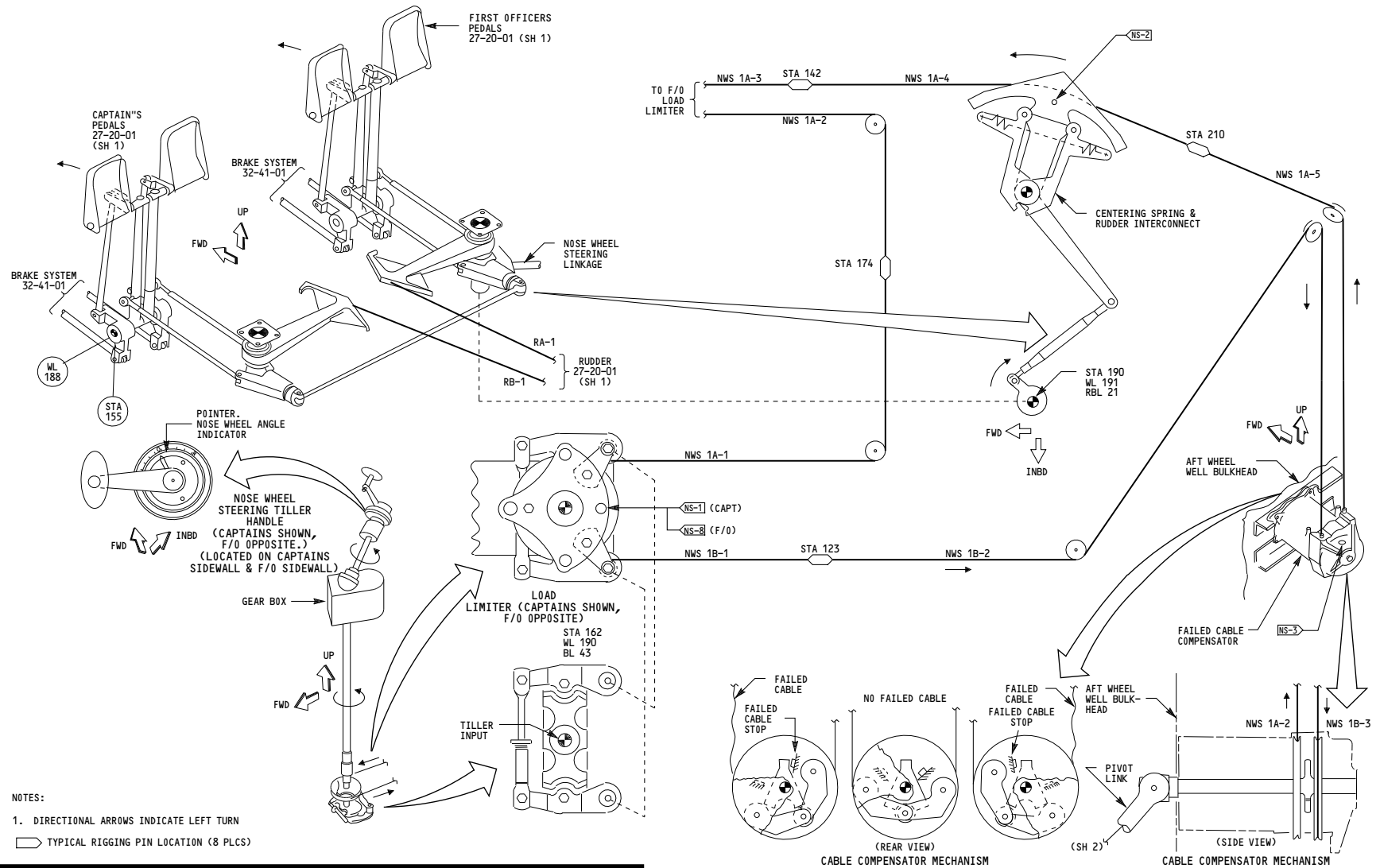
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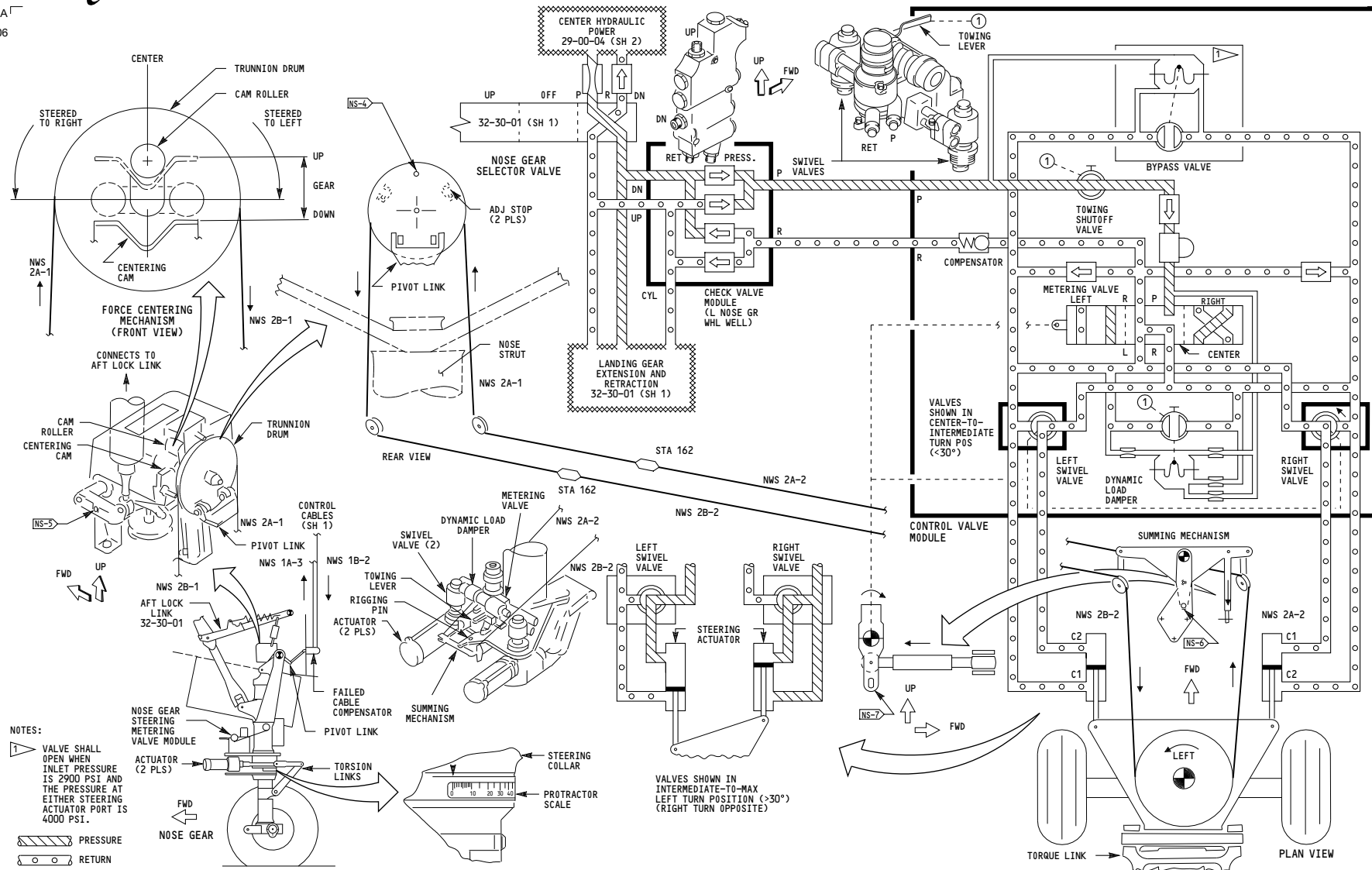
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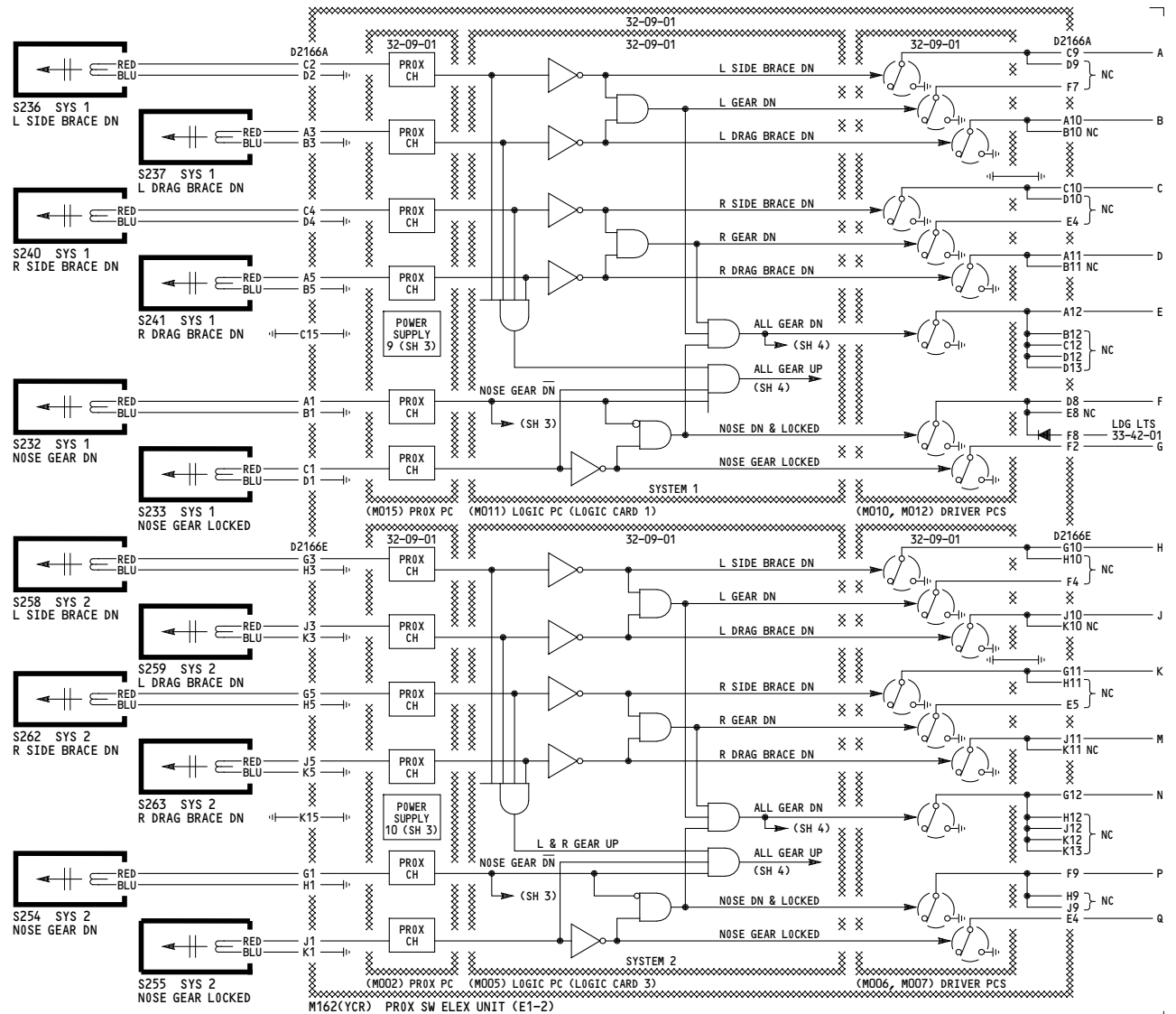
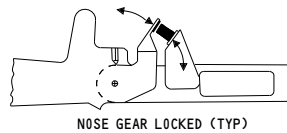
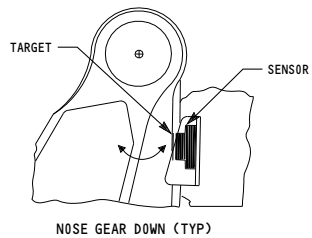
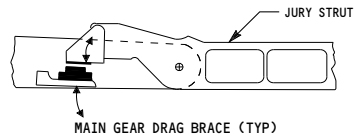
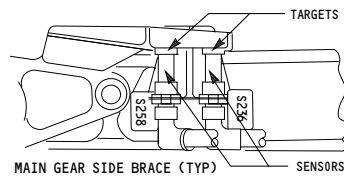
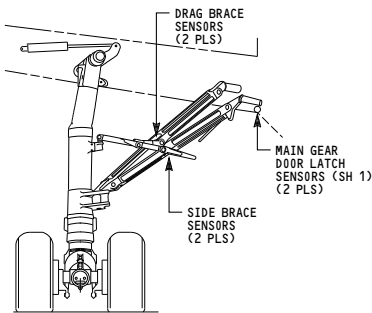
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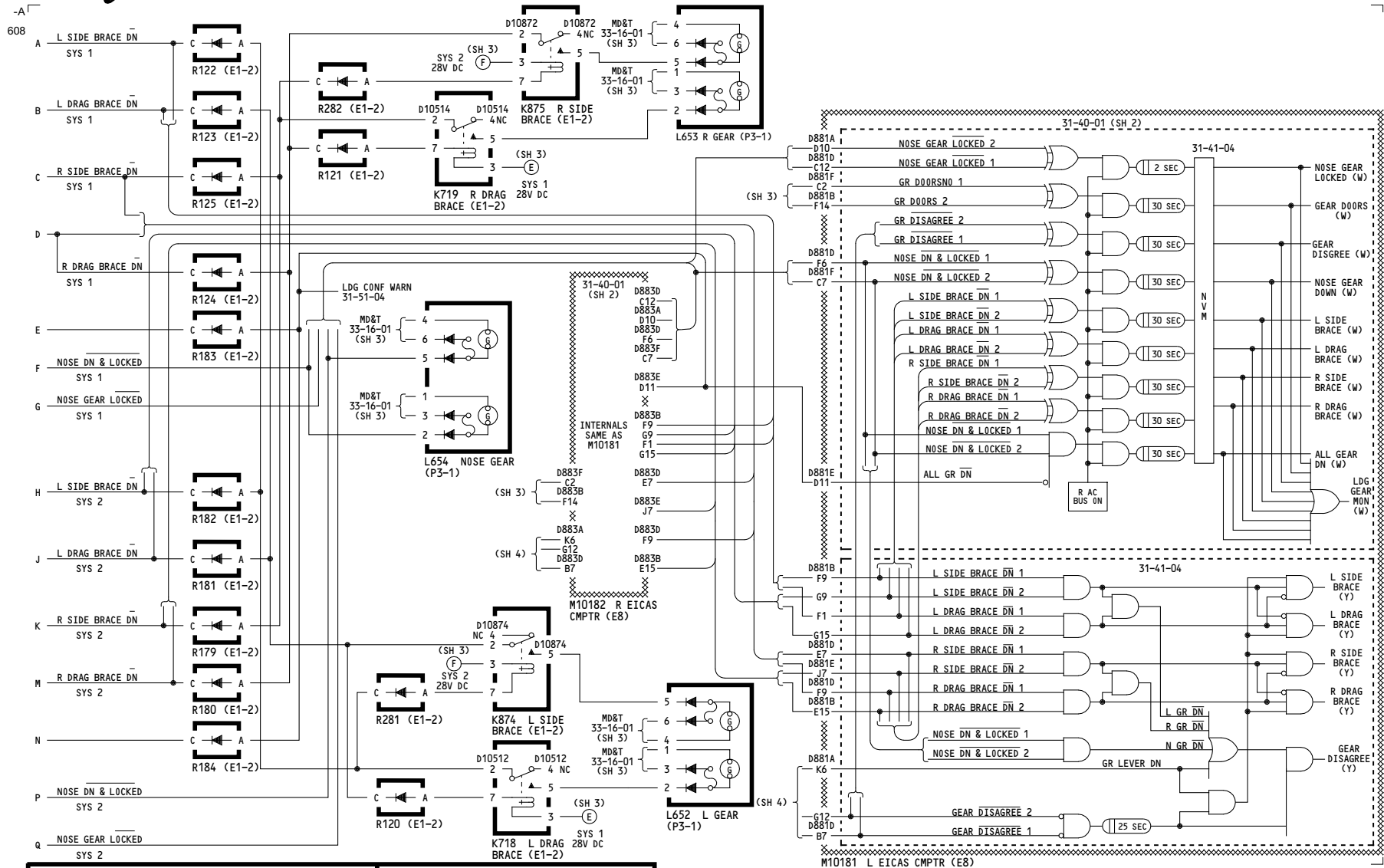
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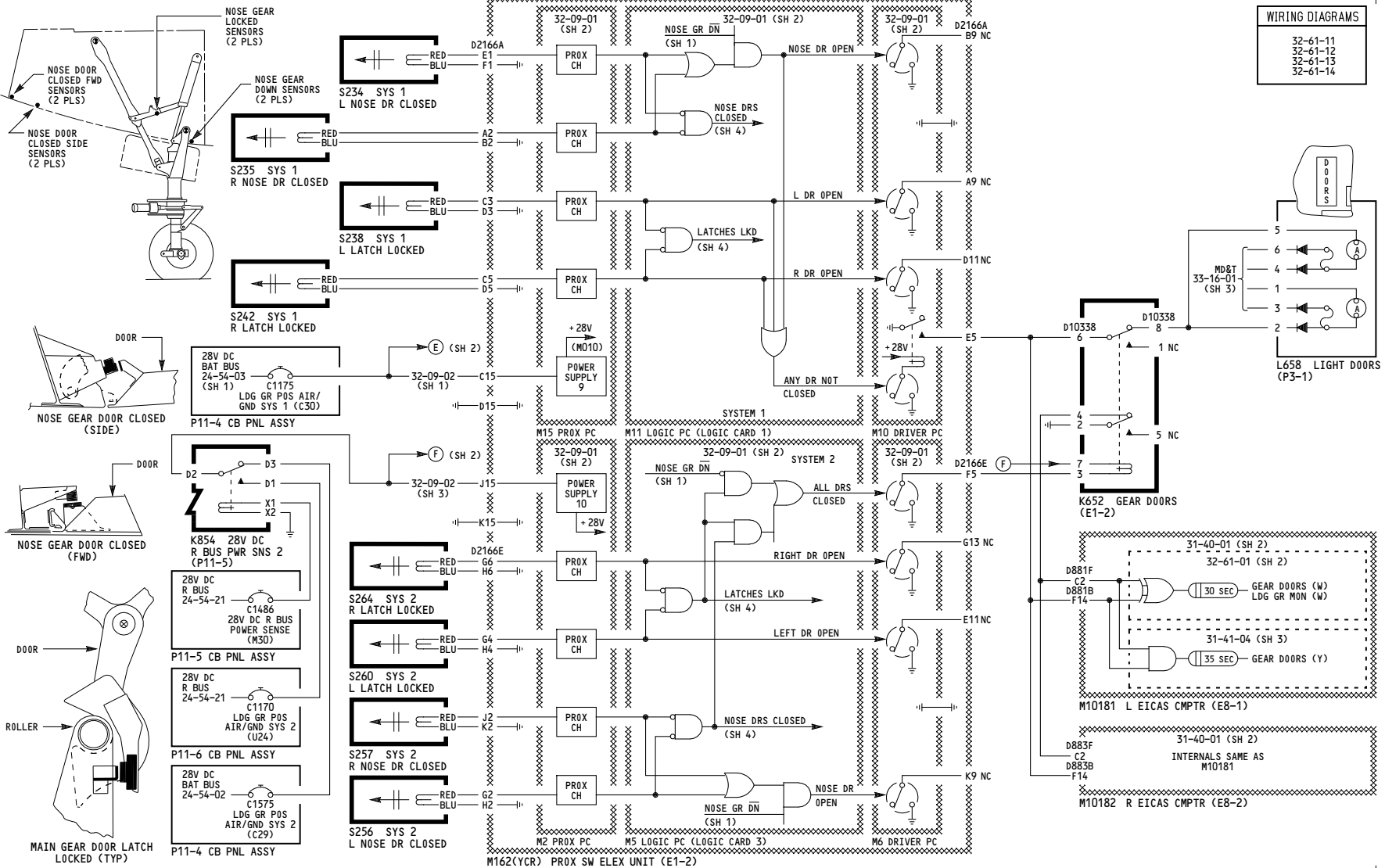
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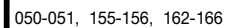
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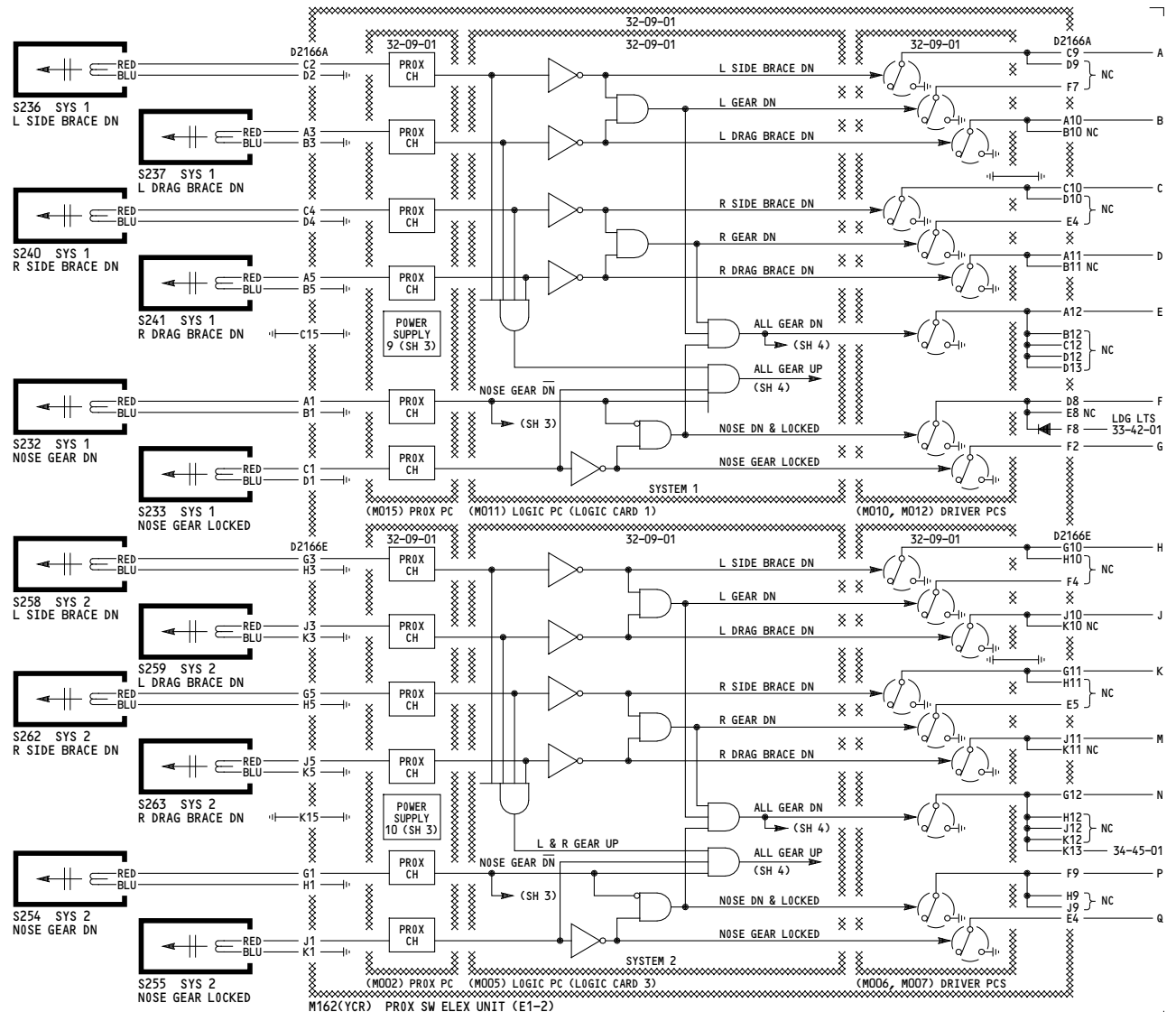
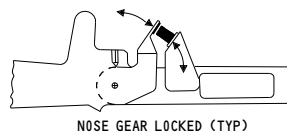
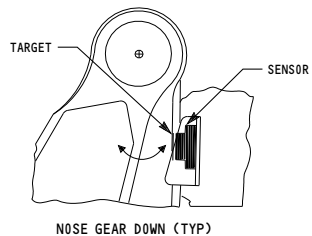
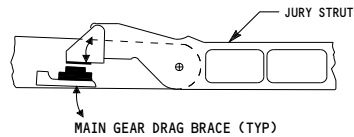
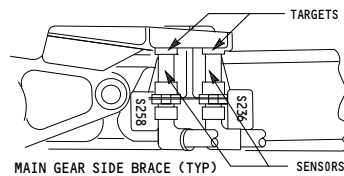
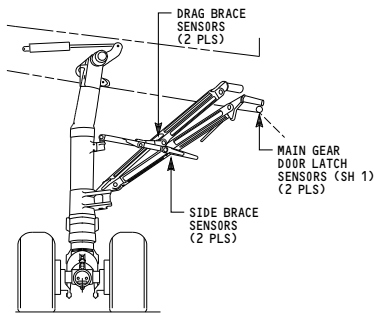
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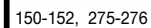
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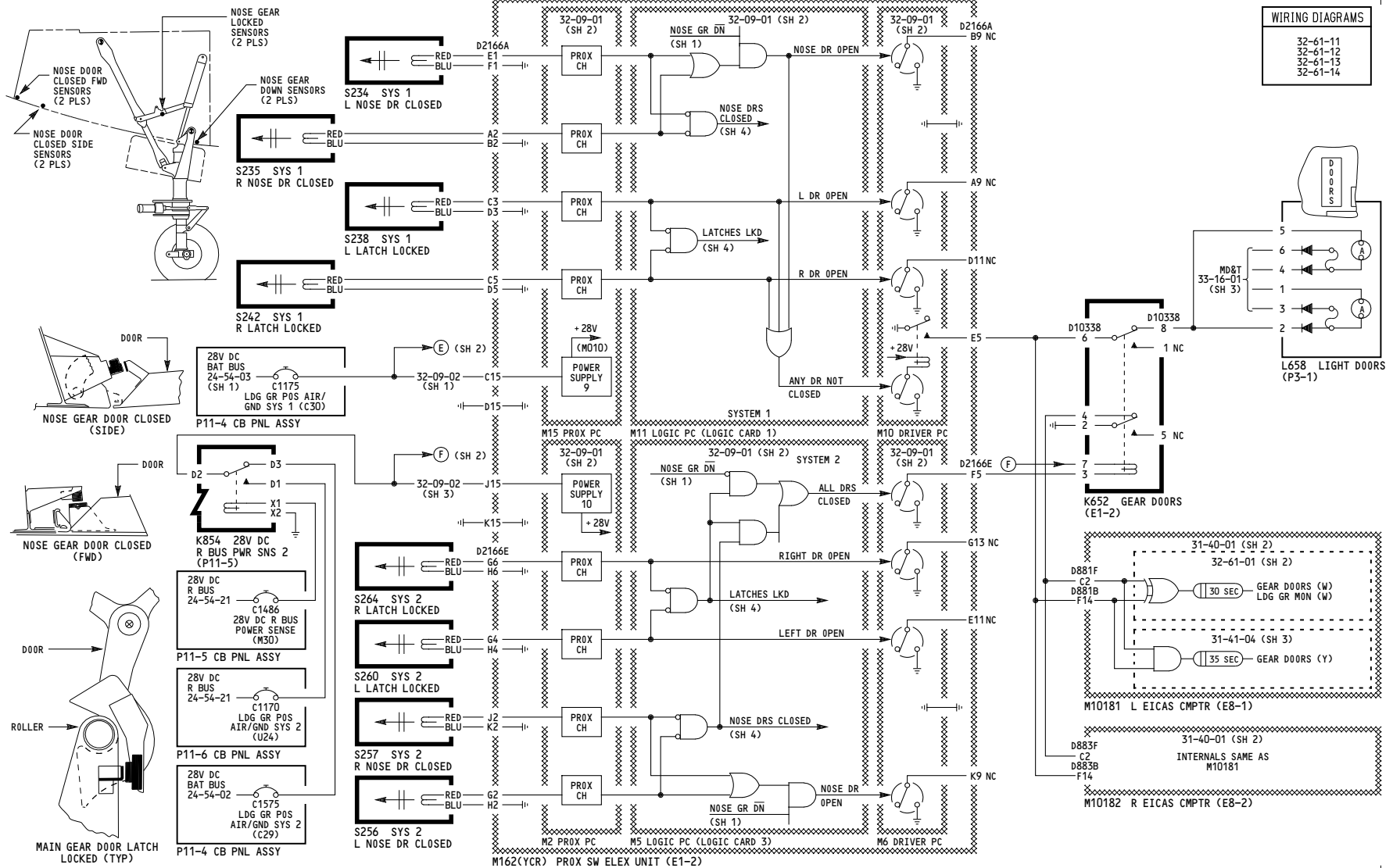
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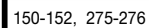
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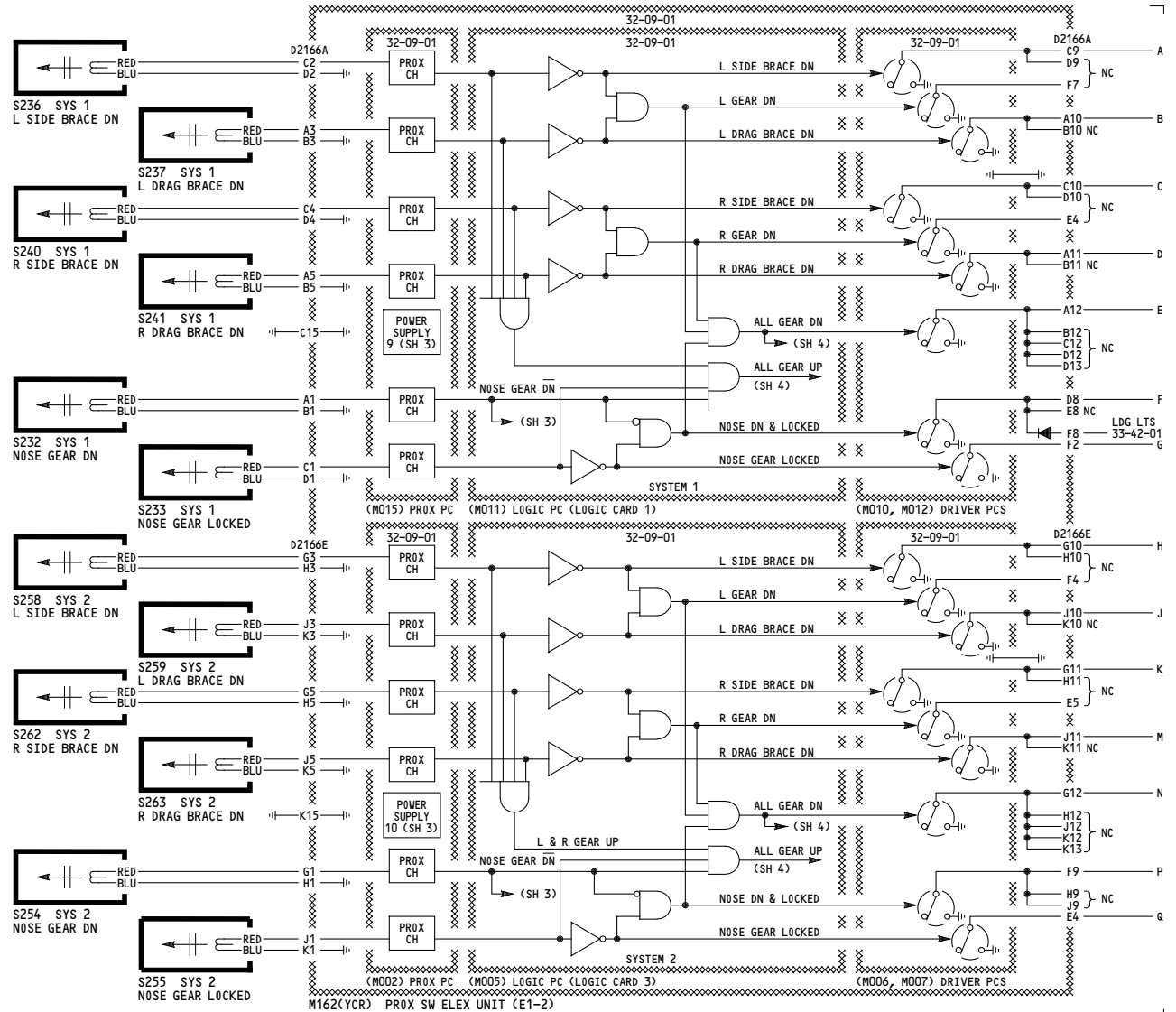
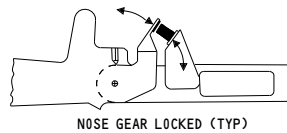
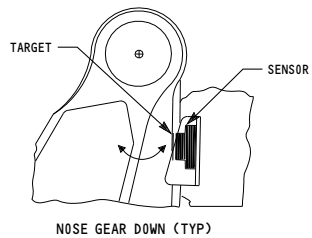
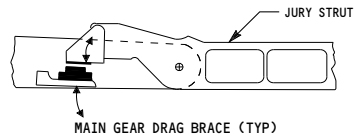
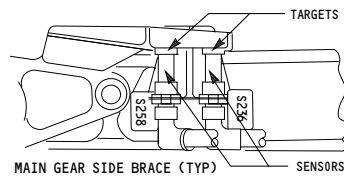
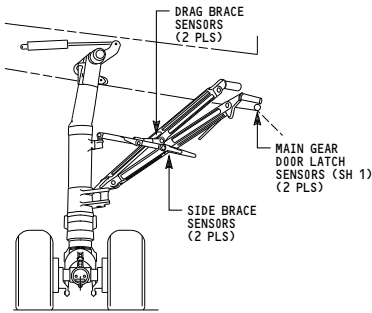


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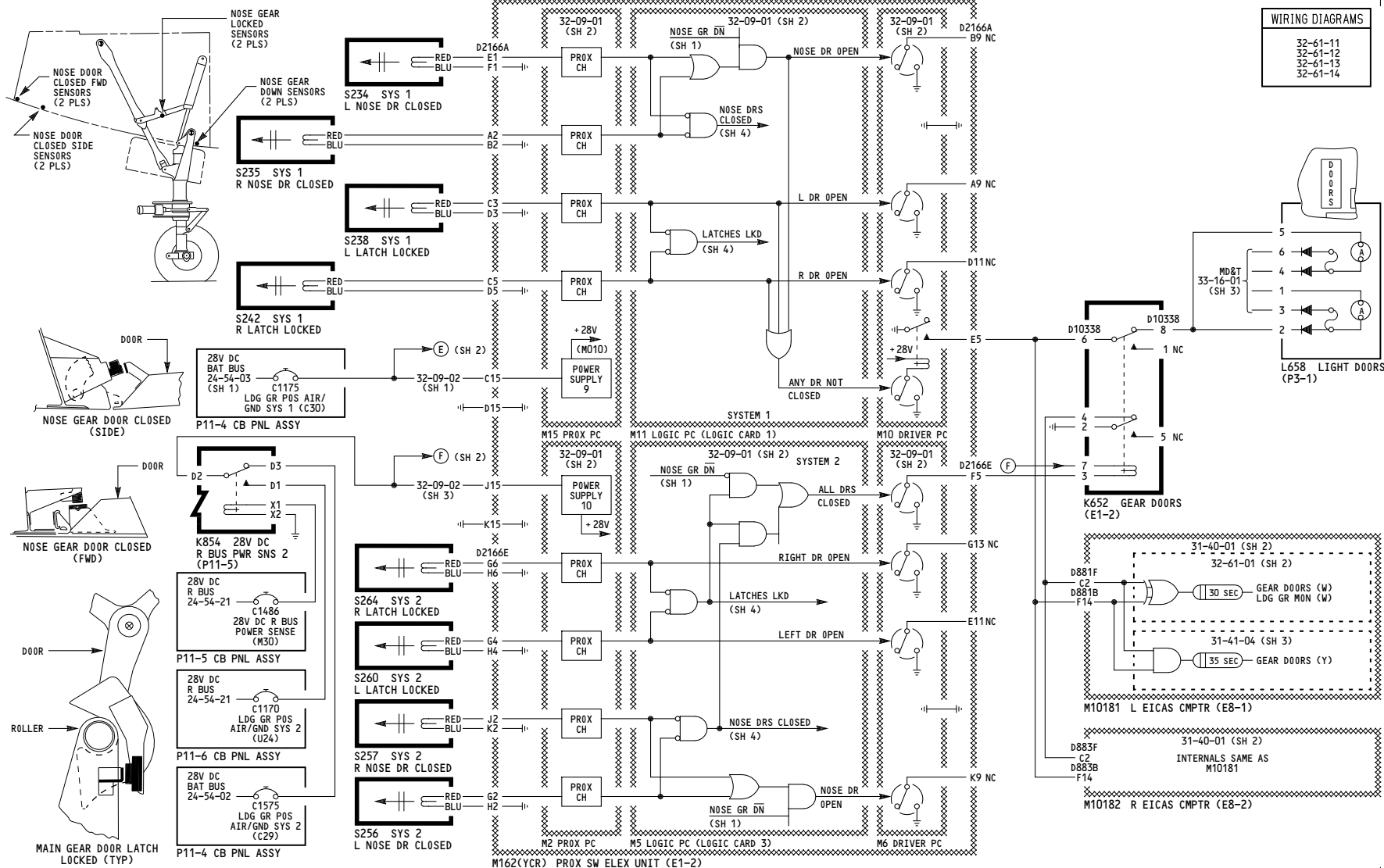
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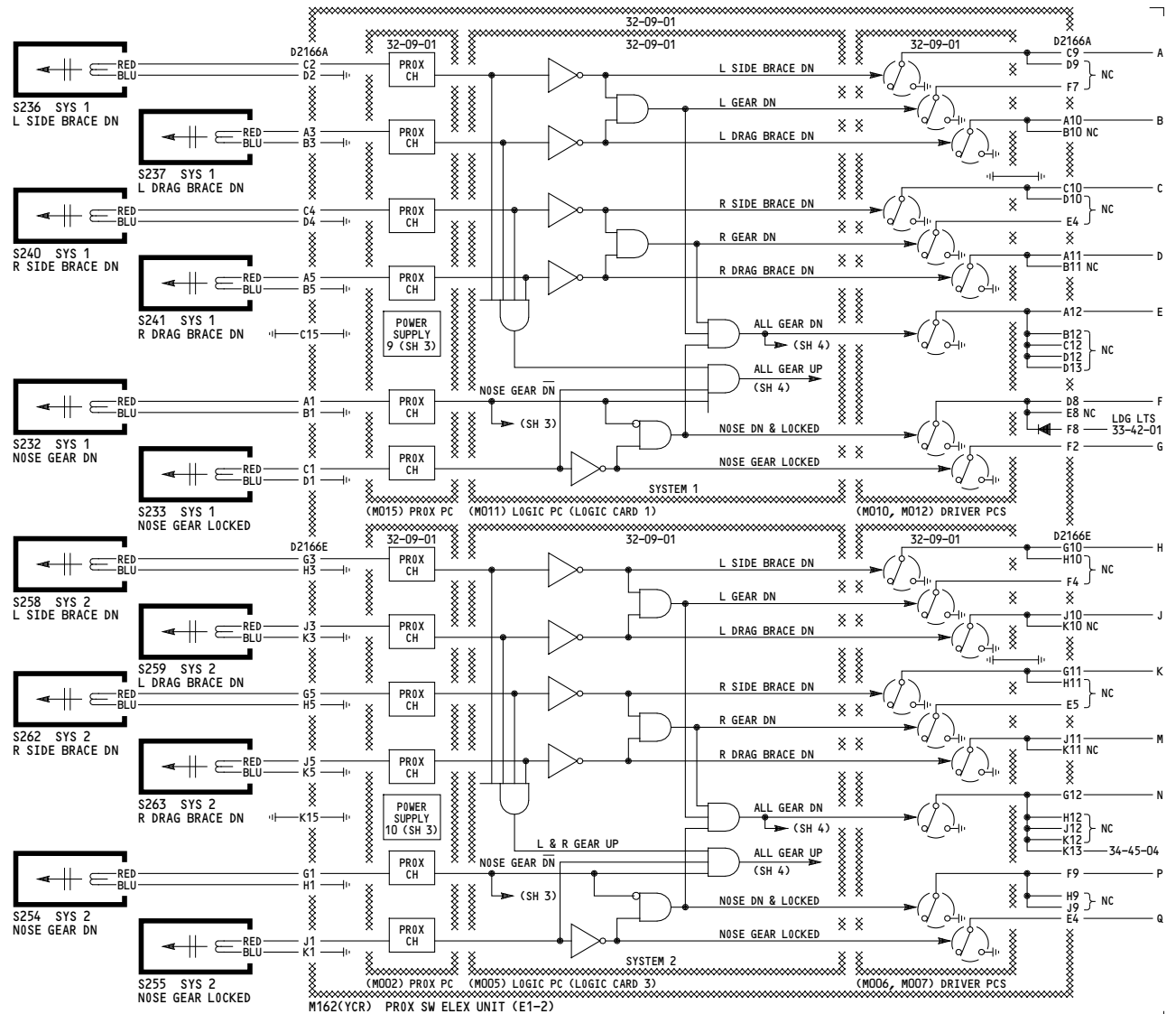
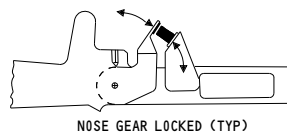
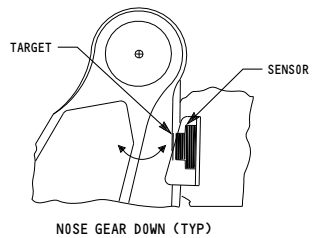
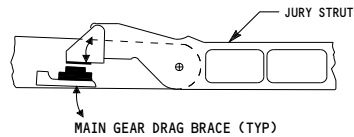
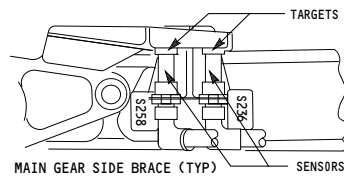
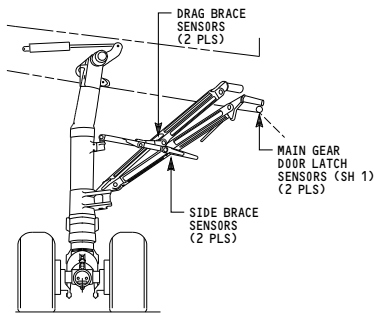
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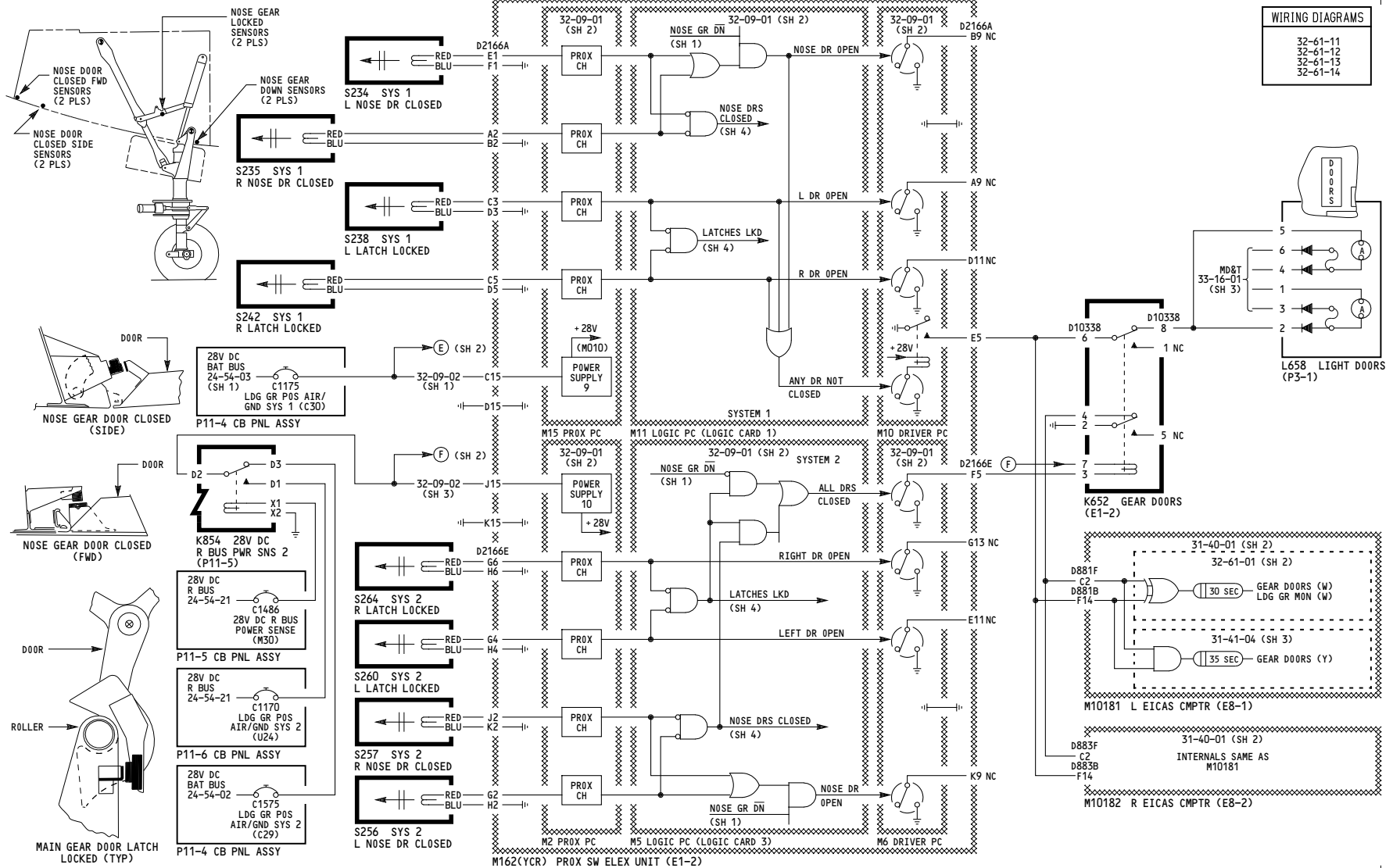
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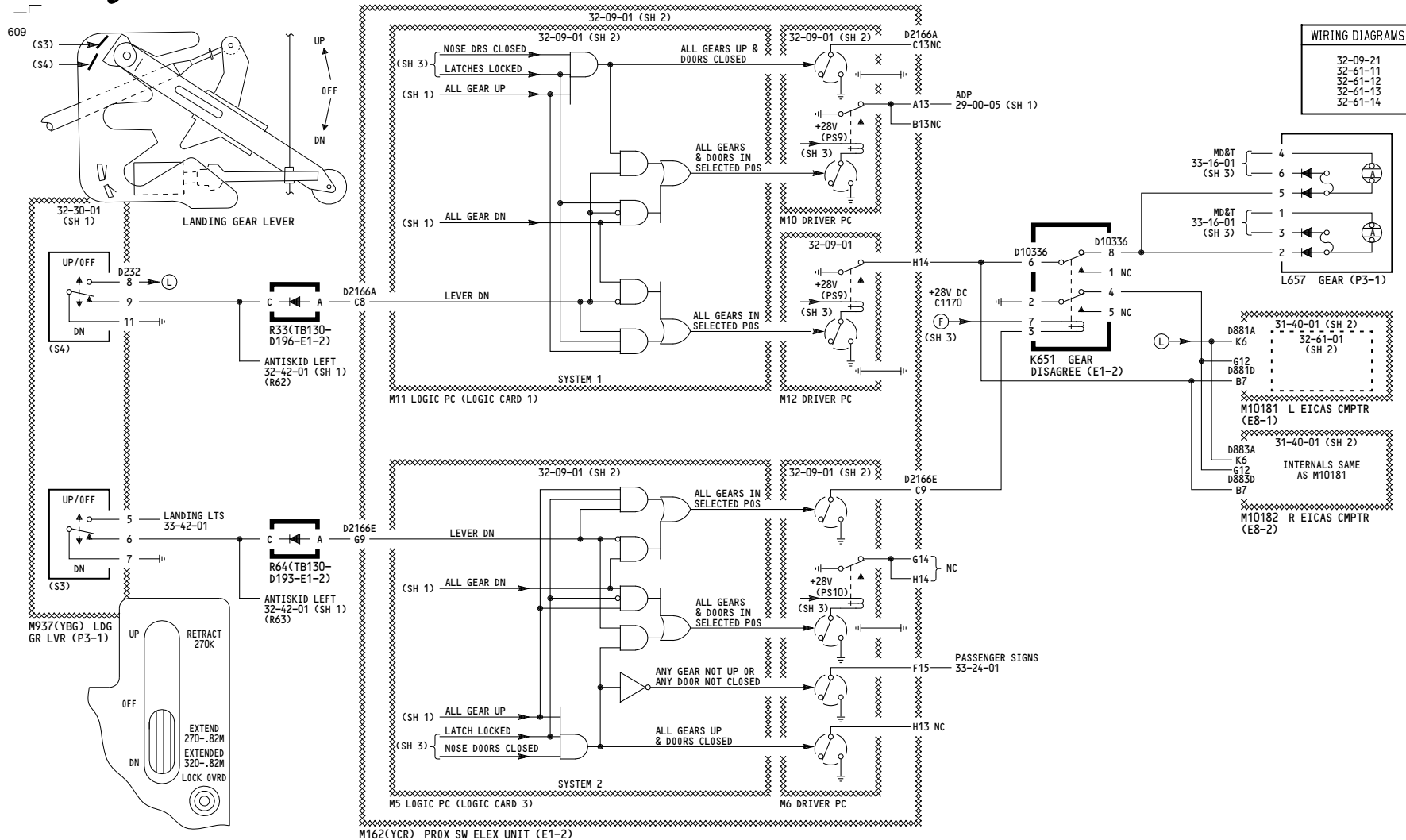
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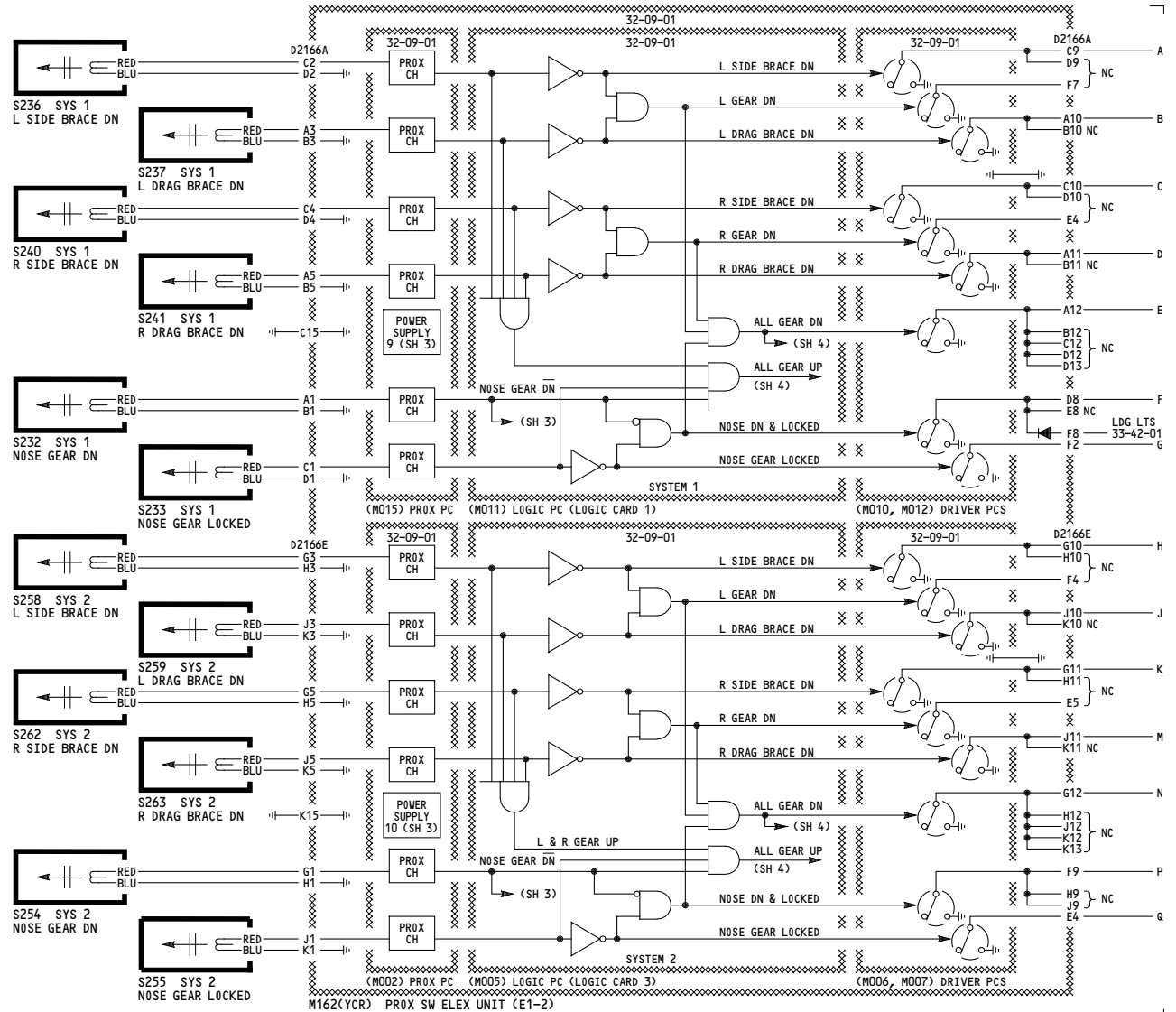
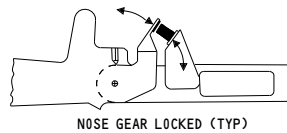
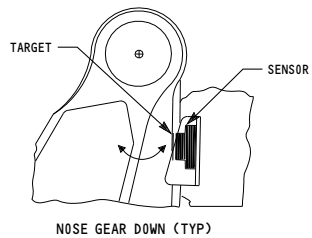
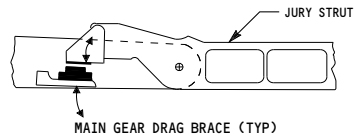
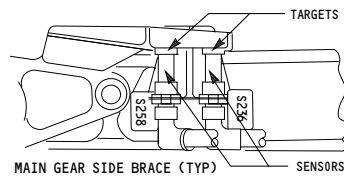
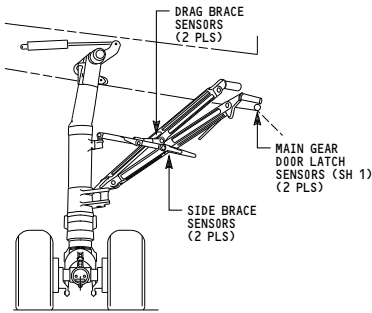
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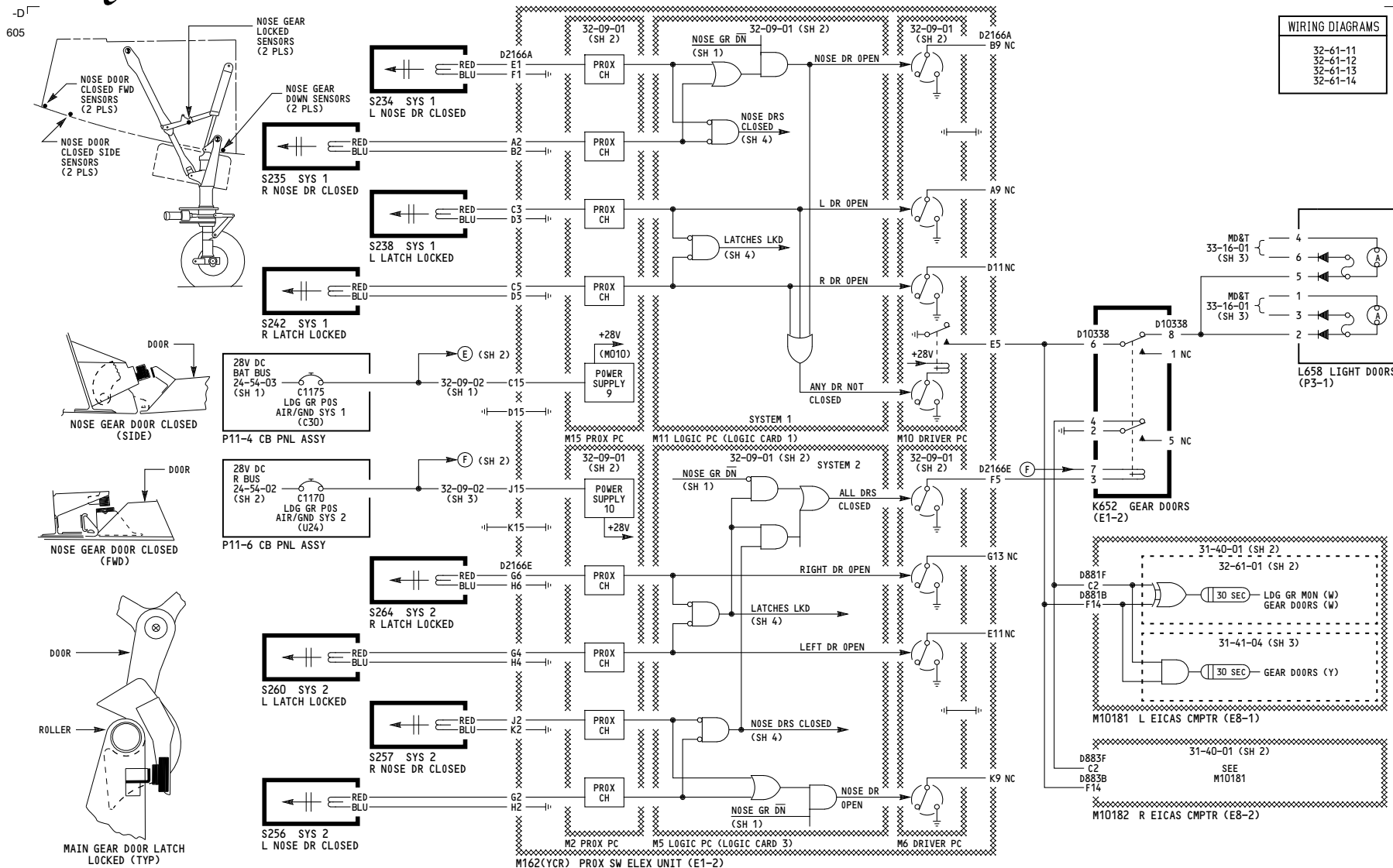
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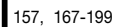
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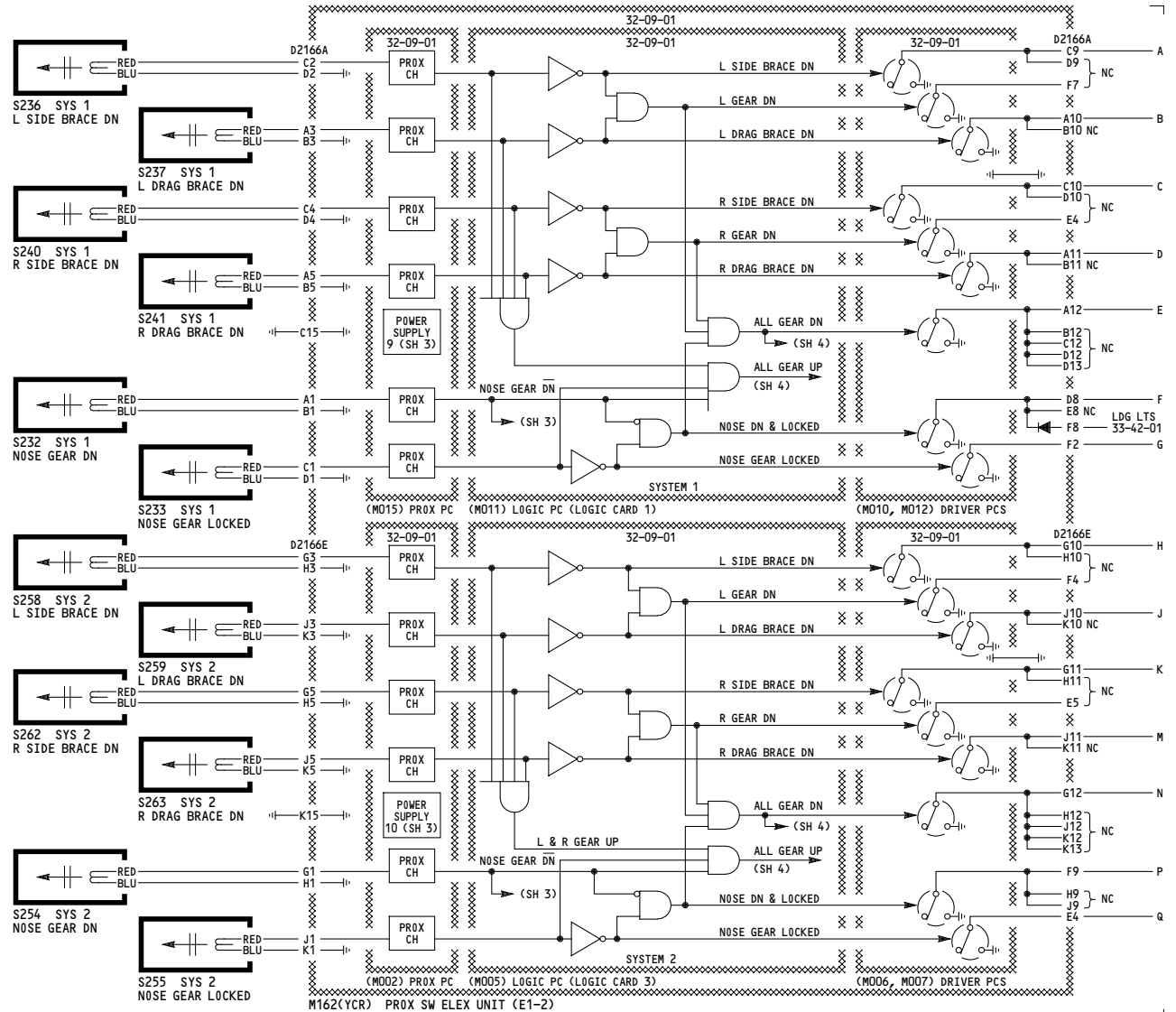
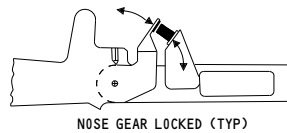
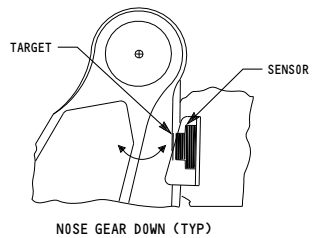
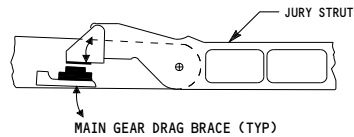
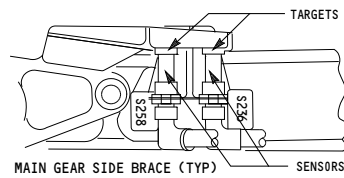
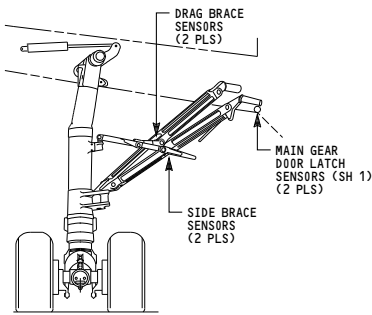
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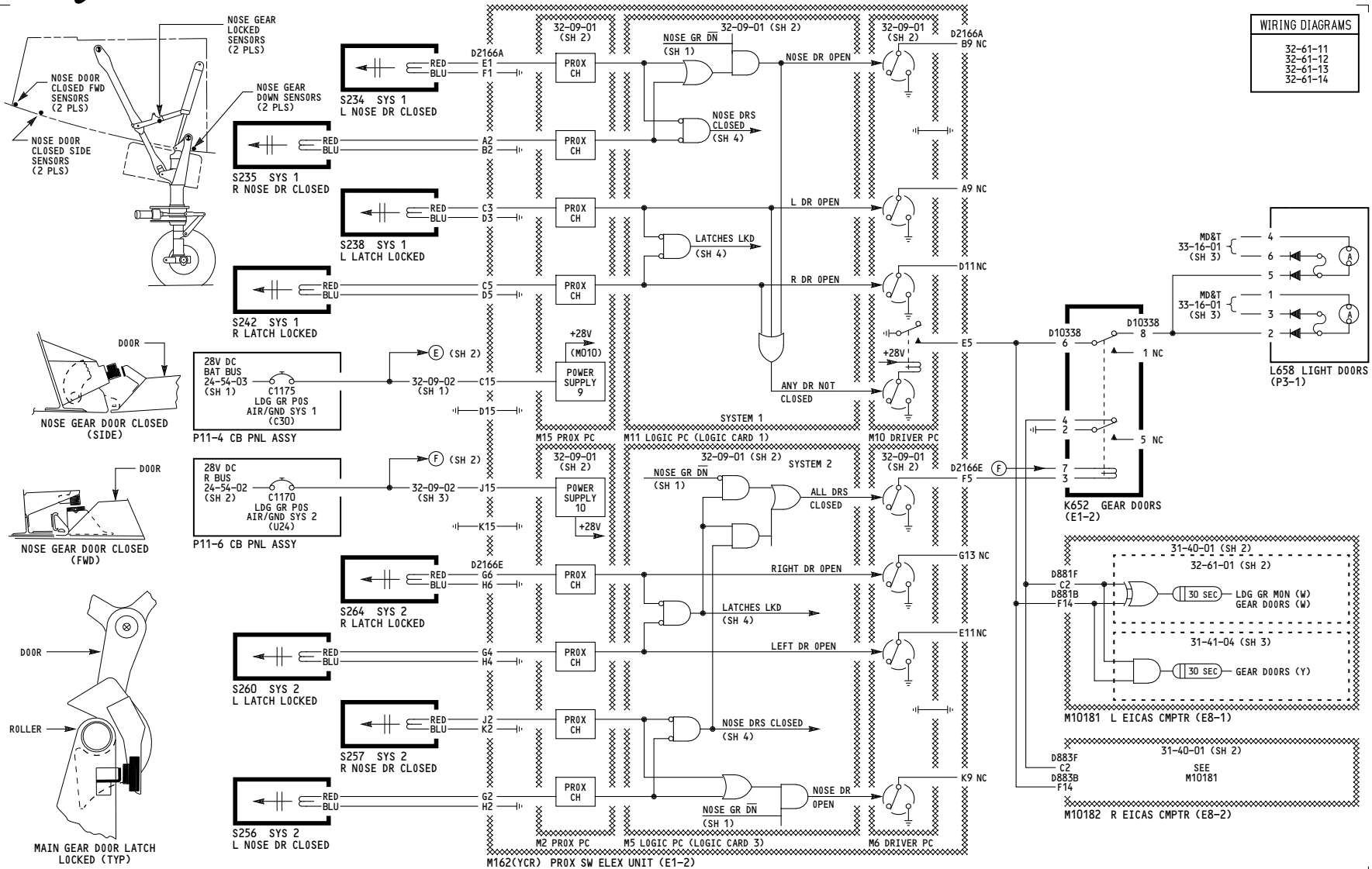
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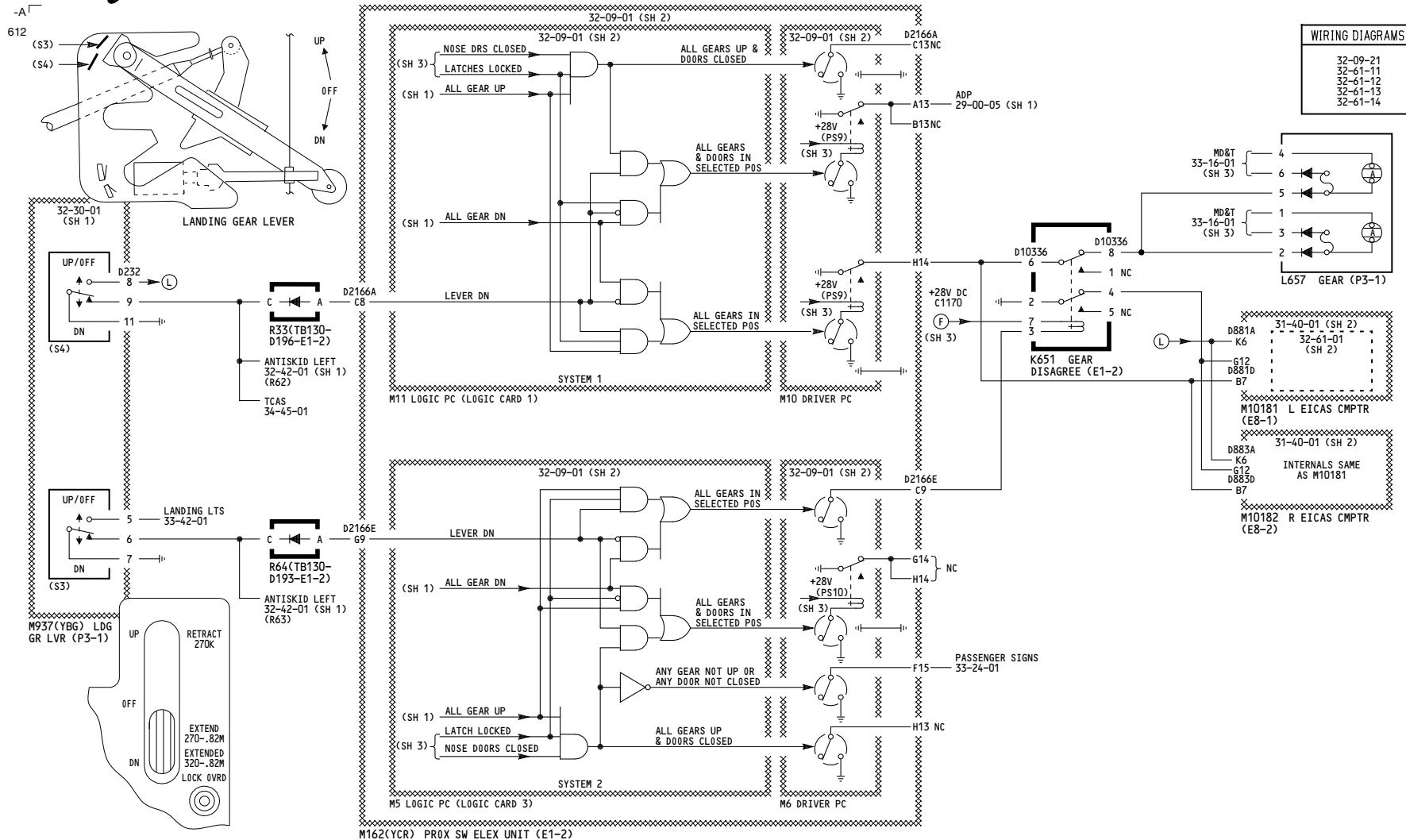
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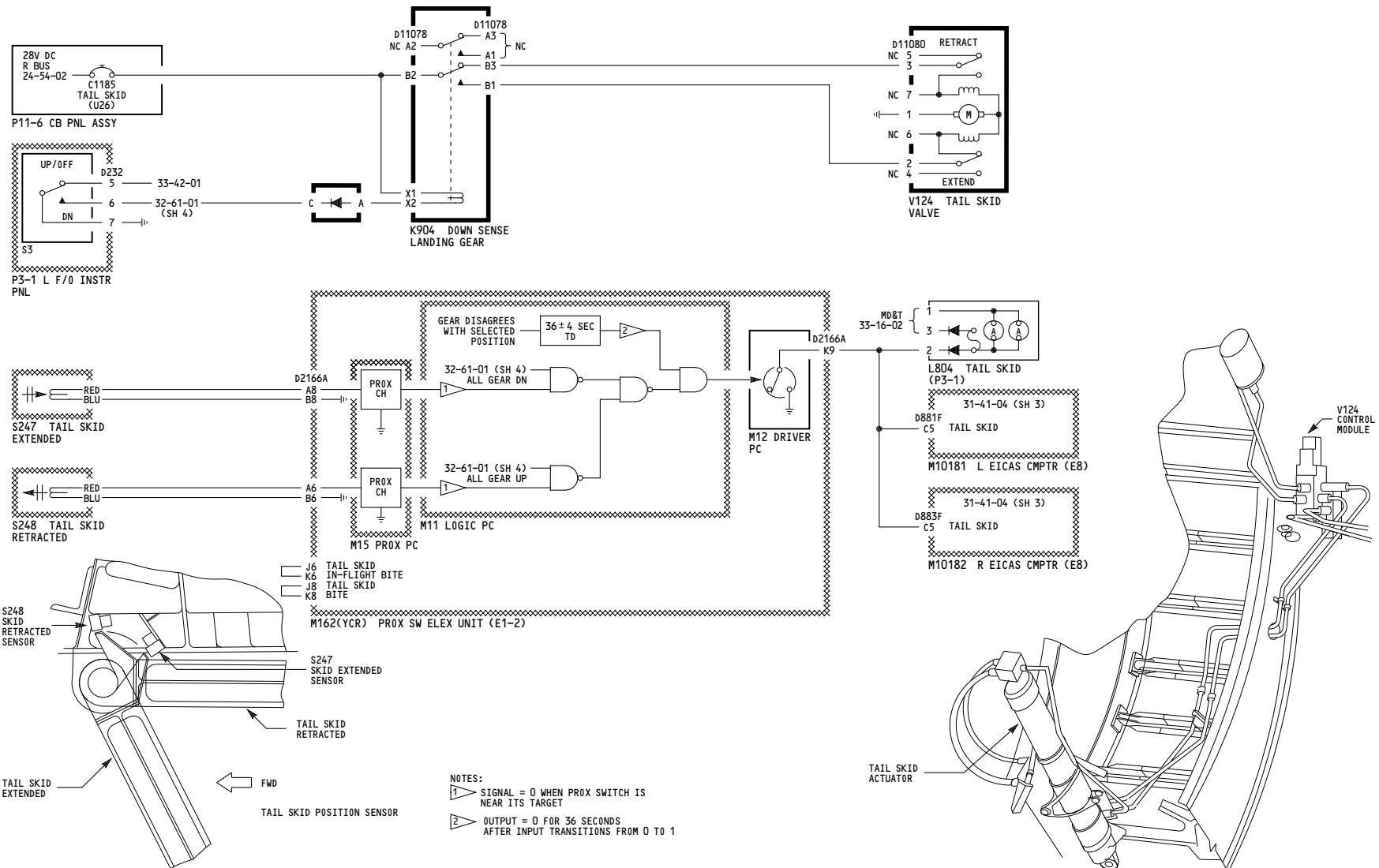
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