

CHAPTER

27

FLIGHT CONTROLS

CHAPTER 27
FLIGHT CONTROLS

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R	27-32-12	101		Jun 21/2016	R	27-52-11	101		Jun 21/2016
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R		101		Jun 21/2016		27-61-11			
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27-62-21					27-83-11				
R		101		Jun 21/2016			101		Feb 17/2015
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R			2	Jun 21/2016					
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R		101		Jun 21/2016					
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I	FLIGHT CONTROLS - SIMPLIFIED	27-00-00		101	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL
I					3	Jun 21/2016	ALL
	<u>AILERON AND TAB</u>						
I	AILERON - ROLL CONTROL	27-10-01		101	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL
	<u>AILERON TRIM CONTROL SYSTEM</u>						
I	AILERON TRIM CONTROL	27-11-11		101		Jun 21/2016	ALL
	<u>AILERON POSITION INDICATING SYSTEM</u>						
I	AILERON POSITION INDICATION	27-18-11		101		Jun 21/2016	ALL
	<u>RUDDER AND TAB</u>						
I	RUDDER	27-20-01		101	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL
	<u>RUDDER TRIM CONTROL SYSTEM</u>						
I	RUDDER TRIM CONTROL	27-21-11		101		Jun 21/2016	ALL
	<u>RUDDER AND ELEVATOR CONTROL AND INDICATING</u>						
I	FLIGHT CONTROL SYS "A" SYS "B", AND STANDBY RUDDER CONTROL	27-23-11		101		Jun 21/2016	ALL
I	FLIGHT CONTROL SYS "A" AND SYS "B" LOW PRESSURE INDICATION	27-23-14		101		Jun 21/2016	ALL
	<u>WHEEL-TO-RUDDER INTERCONNECT SYSTEM</u>						
I	WHEEL TO RUDDER INTERCONNECT SYSTEM	27-24-11		101		Jun 21/2016	ALL

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	<u>RUDDER DAMPING</u>						
I	RUDDER AUTHORITY LIMITER	27-25-11		101		Jun 21/2016	ALL
	<u>RUDDER POSITION INDICATION SYSTEM</u>						
I	RUDDER TRIM AND POSITION INDICATION	27-28-11		101		Jun 21/2016	ALL
	<u>ELEVATOR AND TAB</u>						
I	ELEVATOR	27-30-01		101		Jun 21/2016	ALL
	<u>ELEVATOR AND TAB CONTROL SYSTEM</u>						
I	ELEVATOR TAB CONTROL	27-31-11		101		Jun 21/2016	ALL
I	ELEVATOR FEEL DIFFERENTIAL PRESSURE	27-31-37		101		Jun 21/2016	ALL
	<u>STALL WARNING SYSTEM</u>						
I	STALL WARNING SYSTEM 1 POWER AND ANALOGS	27-32-11		101		Jun 21/2016	ALL
I	STALL WARNING SYSTEM 1 DIGITAL INTERFACE	27-32-12		101		Jun 21/2016	ALL
I	STALL WARNING SYSTEM 2 POWER AND ANALOGS	27-32-21		101		Jun 21/2016	ALL
I	STALL WARNING SYSTEM 2 DIGITAL INTERFACE	27-32-22		101		Jun 21/2016	ALL
I	STALL IDENTIFICATION- ELEVATOR FEEL SHIFT	27-32-31		101		Jun 21/2016	ALL
	<u>ELEVATOR POSITION INDICATING SYSTEM</u>						
I	ELEVATOR POSITION INDICATION	27-38-11		101		Jun 21/2016	ALL
	<u>HORIZONTAL STABILIZER</u>						
I	HORIZONTAL STABILIZERS	27-40-01		101		Jun 21/2016	ALL
	<u>HORIZONTAL STABILIZER TRIM CONTROL SYSTEM</u>						
I	HORIZONTAL STABILIZER TRIM CONTROL	27-41-11		101	1	Jun 21/2016	ALL
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	<u>HORIZONTAL STABILIZER TRIM POSITION INDICATING SYSTEM</u>						
I	HORIZONTAL STABILIZER TRIM INDICATION	27-48-11		101		Jun 21/2016	ALL
	<u>FLAPS</u>						
I	HIGHLIFT SYSTEM OVERVIEW	27-50-01		101	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL
I					3	Jun 21/2016	ALL
	<u>TRAILING EDGE FLAP SYSTEM</u>						
I	TRAILING EDGE UNCOMMANDED MOTION PROTECTION	27-51-11		101		Jun 21/2016	ALL
	<u>TRAILING EDGE FLAP POSITION INDICATION SYSTEM</u>						
I	TRAILING EDGE FLAP POSITION INDICATION	27-52-11		101		Jun 21/2016	ALL
	<u>TRAILING AND LEADING EDGE FLAP DRIVE</u>						
I	ALTERNATE TRAILING AND LEADING EDGE FLAP DRIVE	27-53-11		101		Jun 21/2016	ALL
I	TRAILING EDGE ALTERNATE FLAP DRIVE	27-53-12		101		Jun 21/2016	ALL
I	TRAILING EDGE FLAP SKEW DETECTION	27-53-21		101	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL
	<u>FLAP LOAD LIMIT</u>						
I	TE FLAP LOAD RELIEF	27-54-11		101		Jun 21/2016	ALL
	<u>SPOILER, DRAG DEVICES, AND VARIABLE AERODYNAMIC FAIRINGS</u>						
I	FLIGHT CONTROL AND GROUND SPOILER	27-60-01		101	1	Jun 21/2016	YT101-YT105 YT119-YT120 YT132-YT133
I					2	Jun 21/2016	YT101-YT105 YT119-YT120 YT132-YT133

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					2	Mar 14/2016	YT106-YT118 YT126-YT131
	<u>FLIGHT SPOILER CONTROL SYSTEM</u>						
I	SPOILER SHUTOFF VALVE	27-61-11		101		Jun 21/2016	ALL
	<u>SPEEDBRAKE CONTROL SYSTEM</u>						
I	AUTOMATIC GROUND SPEEDBRAKE CONTROL	27-62-11		101	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL
I					3	Jun 21/2016	ALL
I	SPOILER POSITION INDICATION	27-62-14		101		Jun 21/2016	ALL
I	SPEEDBRAKE DEPLOYED INDICATION	27-62-21		101		Jun 21/2016	ALL
I	SPEEDBRAKE HANDLE POSITION INDICATION	27-62-37		101		Jun 21/2016	ALL
	<u>LIFT AUGMENTING</u>						
I	LEADING EDGE DRIVE AND INDICATION	27-80-01		101	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL
I					3	Jun 21/2016	ALL
	<u>LEADING EDGE FLAP AND SLAT CONTROL SYSTEM</u>						
I	LEFT LEADING EDGE FLAP POSITION INDICATION	27-81-11		101		Jun 21/2016	ALL
I	LEFT LEADING EDGE SLAT POSITION INDICATION	27-81-12		101		Jun 21/2016	ALL
I	RIGHT LEADING EDGE FLAP POSITION INDICATION	27-81-21		101		Jun 21/2016	ALL
I	RIGHT LEADING EDGE SLAT POSITION INDICATION	27-81-22		101		Jun 21/2016	ALL
I	LEADING EDGE FLAPS AND SLATS MASTER INDICATION	27-81-31		101	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL

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I	DFDAU AND TEST CONNECTOR INTERFACE	27-81-41		101		Jun 21/2016	ALL
I	LEADING EDGE UNCOMMANDED MOTION PROTECTION	27-81-51		101		Jun 21/2016	ALL
	<u>LEADING EDGE AUTOSLAT SYSTEM</u>						
	AUTOSLAT SYSTEM NO. 1	27-83-11		101		Feb 17/2015	YT101-YT105
I				102		Jun 21/2016	YT106-YT133
	AUTOSLAT SYSTEM NO. 2	27-83-21		101		Feb 17/2015	YT101-YT105
I				102		Jun 21/2016	YT106-YT133

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27-18-11	AILERON POSITION INDICATION
27-11-11	AILERON TRIM CONTROL
27-53-11	ALTERNATE TRAILING AND LEADING EDGE FLAP DRIVE
27-62-11	AUTOMATIC GROUND SPEEDBRAKE CONTROL
27-83-11	AUTOSLAT SYSTEM NO. 1
27-83-21	AUTOSLAT SYSTEM NO. 2
27-81-41	DFDAU AND TEST CONNECTOR INTERFACE
27-30-01	ELEVATOR
27-31-37	ELEVATOR FEEL DIFFERENTIAL PRESSURE
27-38-11	ELEVATOR POSITION INDICATION
27-31-11	ELEVATOR TAB CONTROL
27-60-01	FLIGHT CONTROL AND GROUND SPOILER
27-23-14	FLIGHT CONTROL SYS "A" AND SYS "B" LOW PRESSURE INDICATION
27-23-11	FLIGHT CONTROL SYS "A" SYS "B", AND STANDBY RUDDER CONTROL
27-00-00	FLIGHT CONTROLS - SIMPLIFIED
27-50-01	HIGHLIFT SYSTEM OVERVIEW
27-41-11	HORIZONTAL STABILIZER TRIM CONTROL

CH-SC-SU	Title
27-48-11	HORIZONTAL STABILIZER TRIM INDICATION
27-40-01	HORIZONTAL STABILIZERS
27-80-01	LEADING EDGE DRIVE AND INDICATION
27-81-31	LEADING EDGE FLAPS AND SLATS MASTER INDICATION
27-81-51	LEADING EDGE UNCOMMANDED MOTION PROTECTION
27-81-11	LEFT LEADING EDGE FLAP POSITION INDICATION
27-81-12	LEFT LEADING EDGE SLAT POSITION INDICATION
27-81-21	RIGHT LEADING EDGE FLAP POSITION INDICATION
27-81-22	RIGHT LEADING EDGE SLAT POSITION INDICATION
27-20-01	RUDDER
27-25-11	RUDDER AUTHORITY LIMITER
27-28-11	RUDDER TRIM AND POSITION INDICATION
27-21-11	RUDDER TRIM CONTROL
27-62-21	SPEEDBRAKE DEPLOYED INDICATION
27-62-37	SPEEDBRAKE HANDLE POSITION INDICATION
27-62-14	SPOILER POSITION INDICATION
27-61-11	SPOILER SHUTOFF VALVE
27-32-31	STALL IDENTIFICATION- ELEVATOR FEEL SHIFT
27-32-12	STALL WARNING SYSTEM 1 DIGITAL INTERFACE

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27-32-22	STALL WARNING SYSTEM 2 DIGITAL INTERFACE		
27-32-21	STALL WARNING SYSTEM 2 POWER AND ANALOGS		
27-54-11	TE FLAP LOAD RELIEF		
27-53-12	TRAILING EDGE ALTERNATE FLAP DRIVE		
27-52-11	TRAILING EDGE FLAP POSITION INDICATION		
27-53-21	TRAILING EDGE FLAP SKEW DETECTION		
27-51-11	TRAILING EDGE UNCOMMANDED MOTION PROTECTION		
27-24-11	WHEEL TO RUDDER INTERCONNECT SYSTEM		

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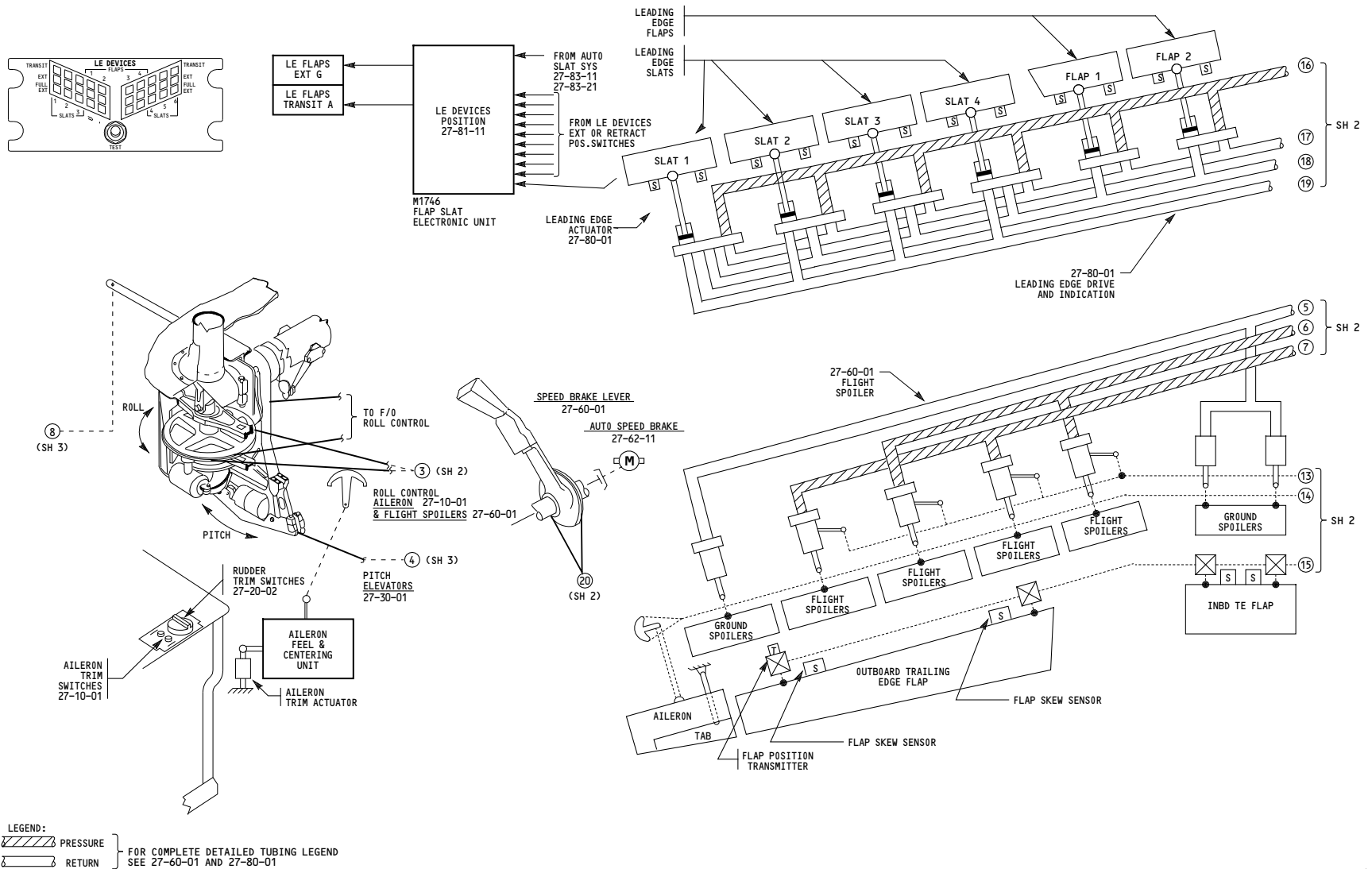
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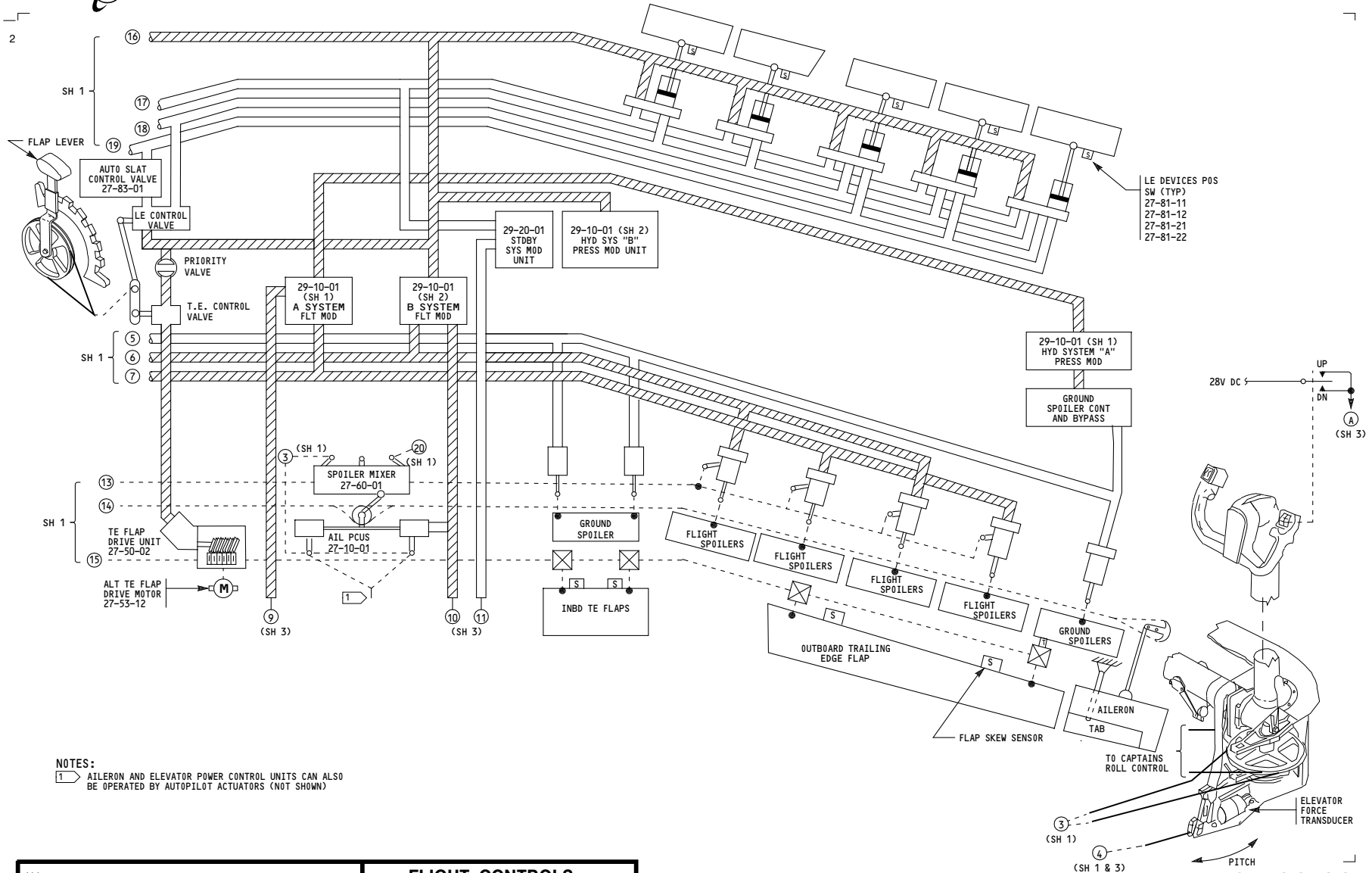
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**FLIGHT CONTROLS -
SIMPLIFIED**

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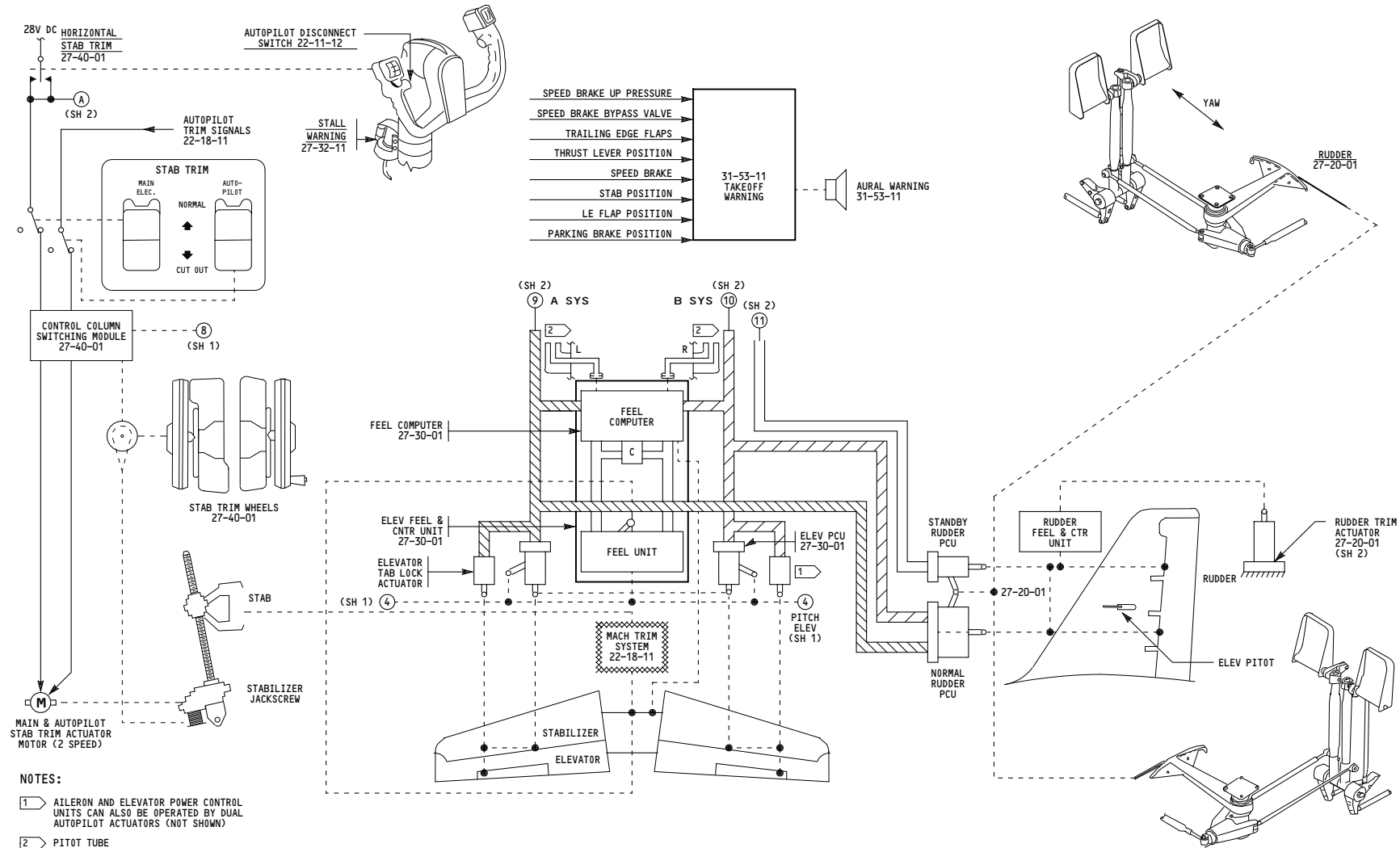
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FLIGHT CONTROLS - SIMPLIFIED

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27-00-00

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FLIGHT CONTROLS - SIMPLIFIED

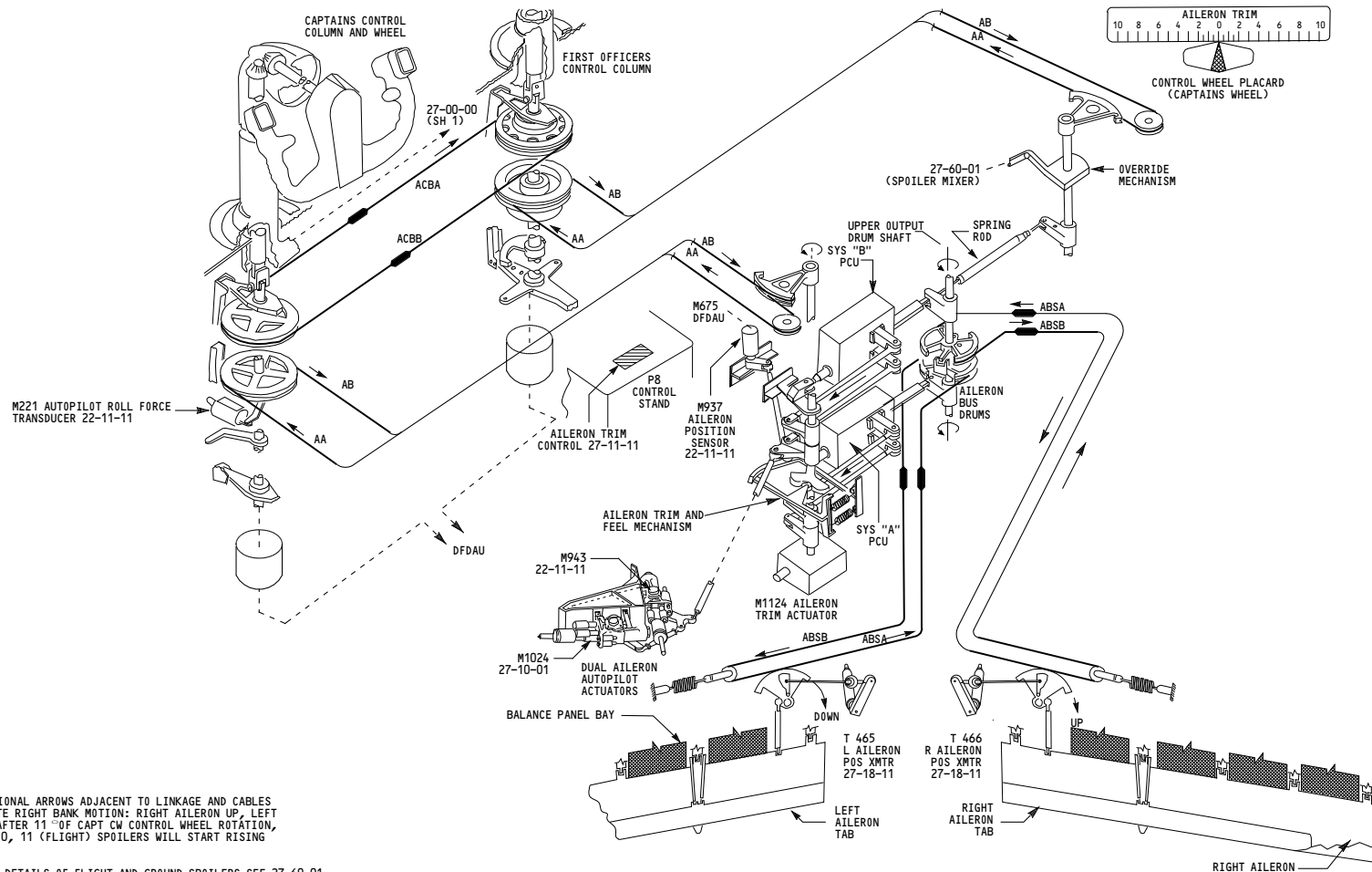
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NOTES:

1. DIRECTIONAL ARROWS ADJACENT TO LINKAGE AND CABLES INDICATE RIGHT BANK MOTION: RIGHT AILERON UP, LEFT DOWN, AFTER 11° OF CAPT CW CONTROL WHEEL ROTATION, 8, 9, 10, 11 (FLIGHT) SPOILERS WILL START RISING
2. FOR DETAILS OF FLIGHT AND GROUND SPOILERS SEE 27-60-01
3. AILERON TRIM ACTUATOR REPOSITIONS CAM ROLLER ARM AND CENTERING SPRING. PILOTS CONTROL WHEEL NEUTRAL WILL SHIFT AS A FUNCTION OF ACTUATOR POSITION.

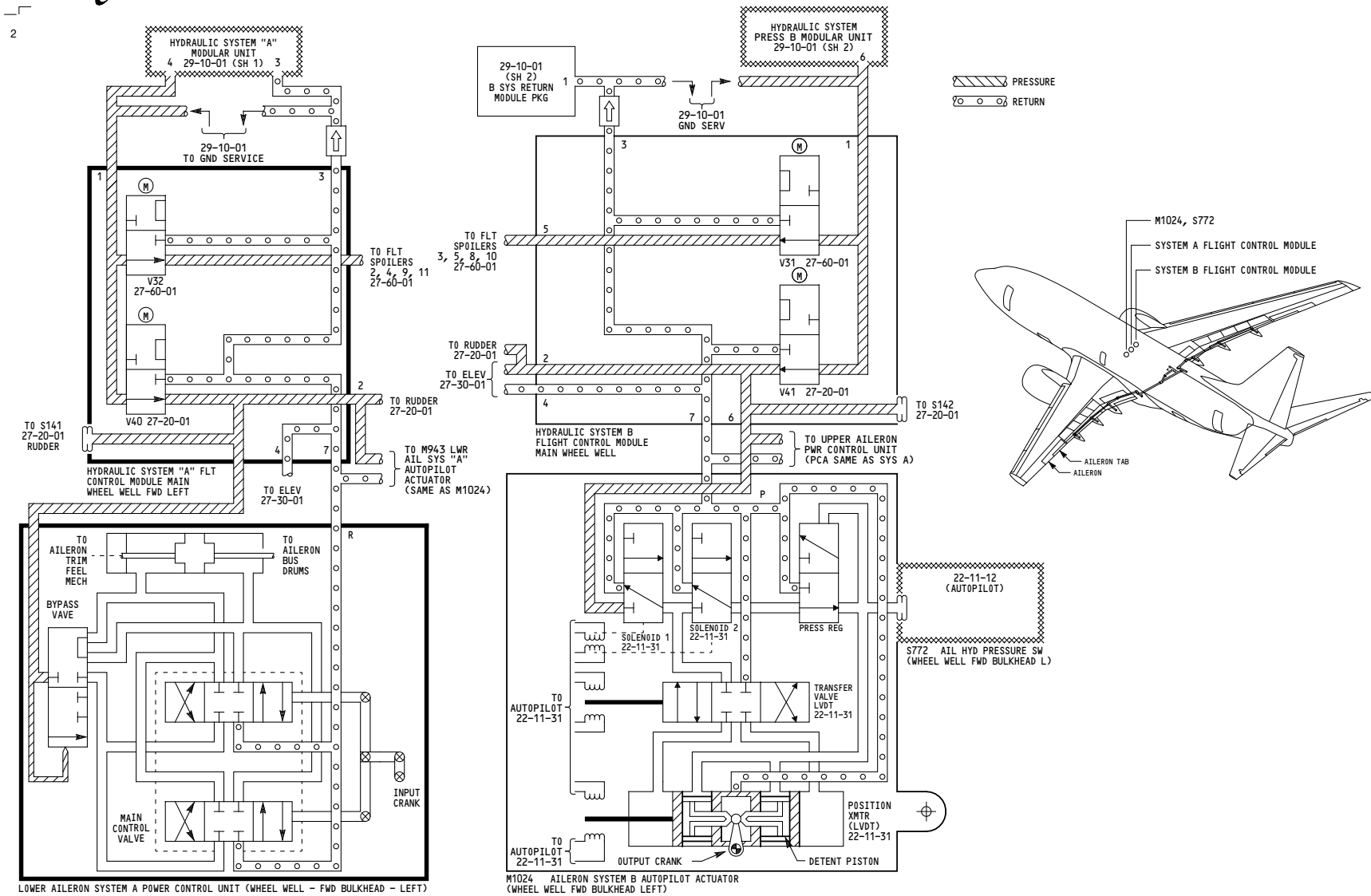
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AILERON - ROLL CONTROL

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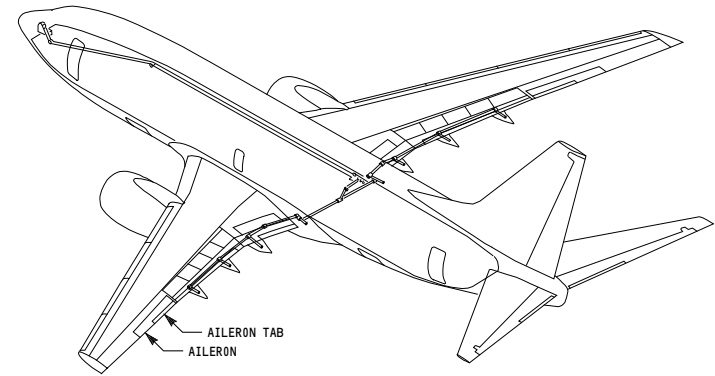
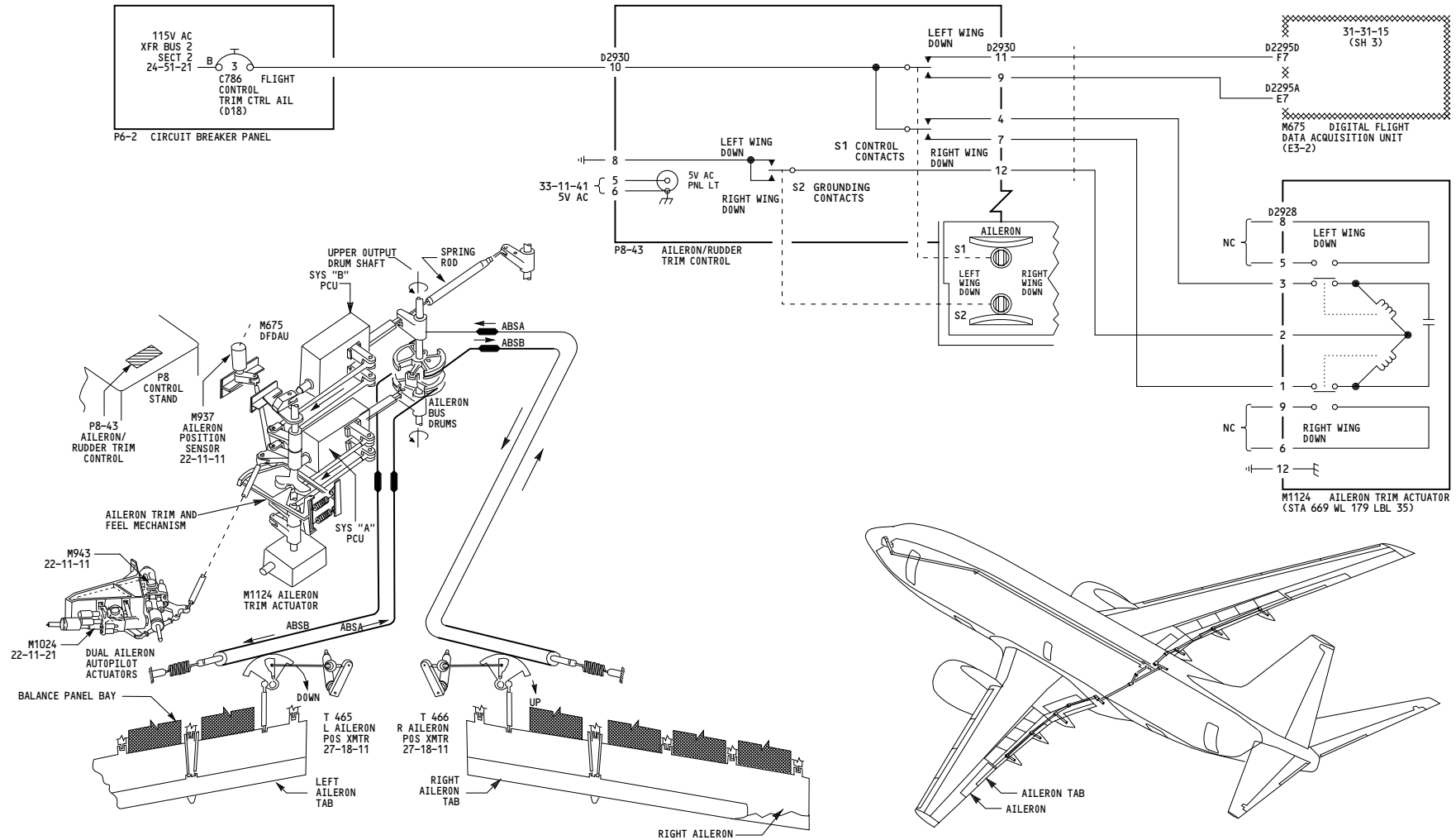
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AILERON - ROLL CONTROL

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AILERON TRIM CONTROL

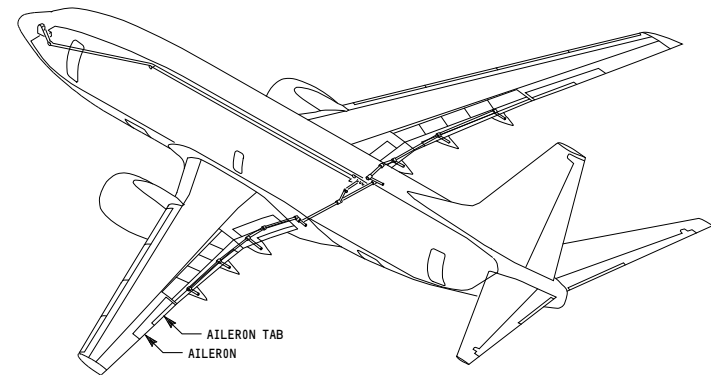
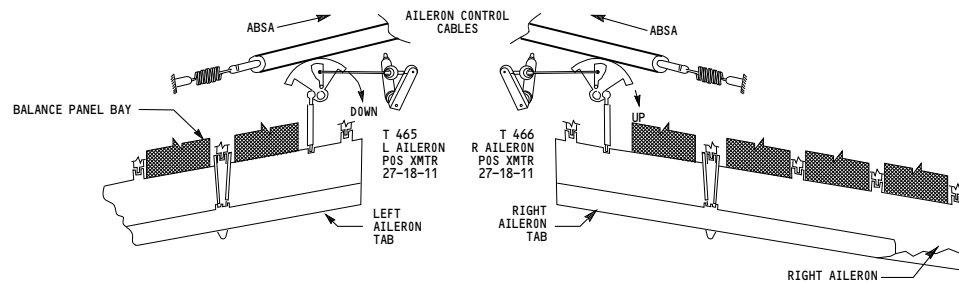
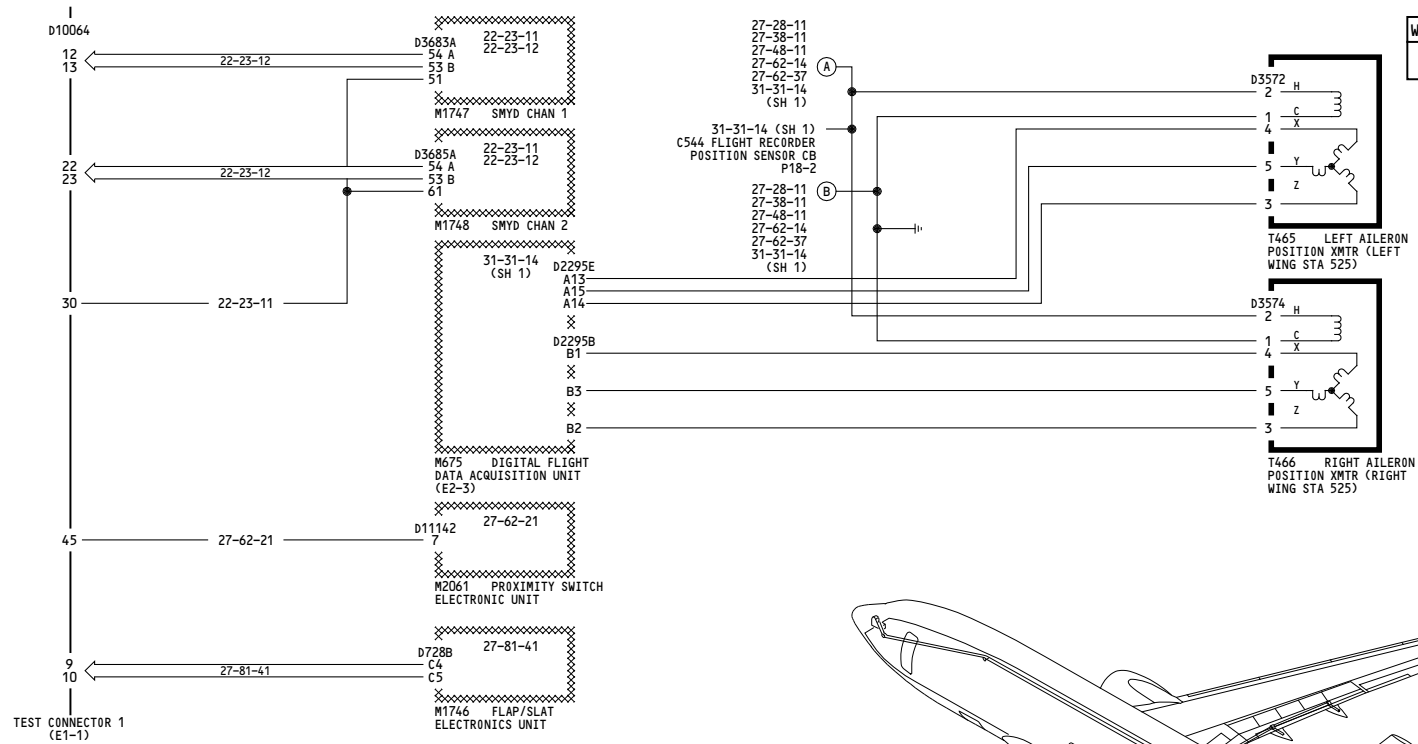
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**AILERON POSITION
INDICATION**

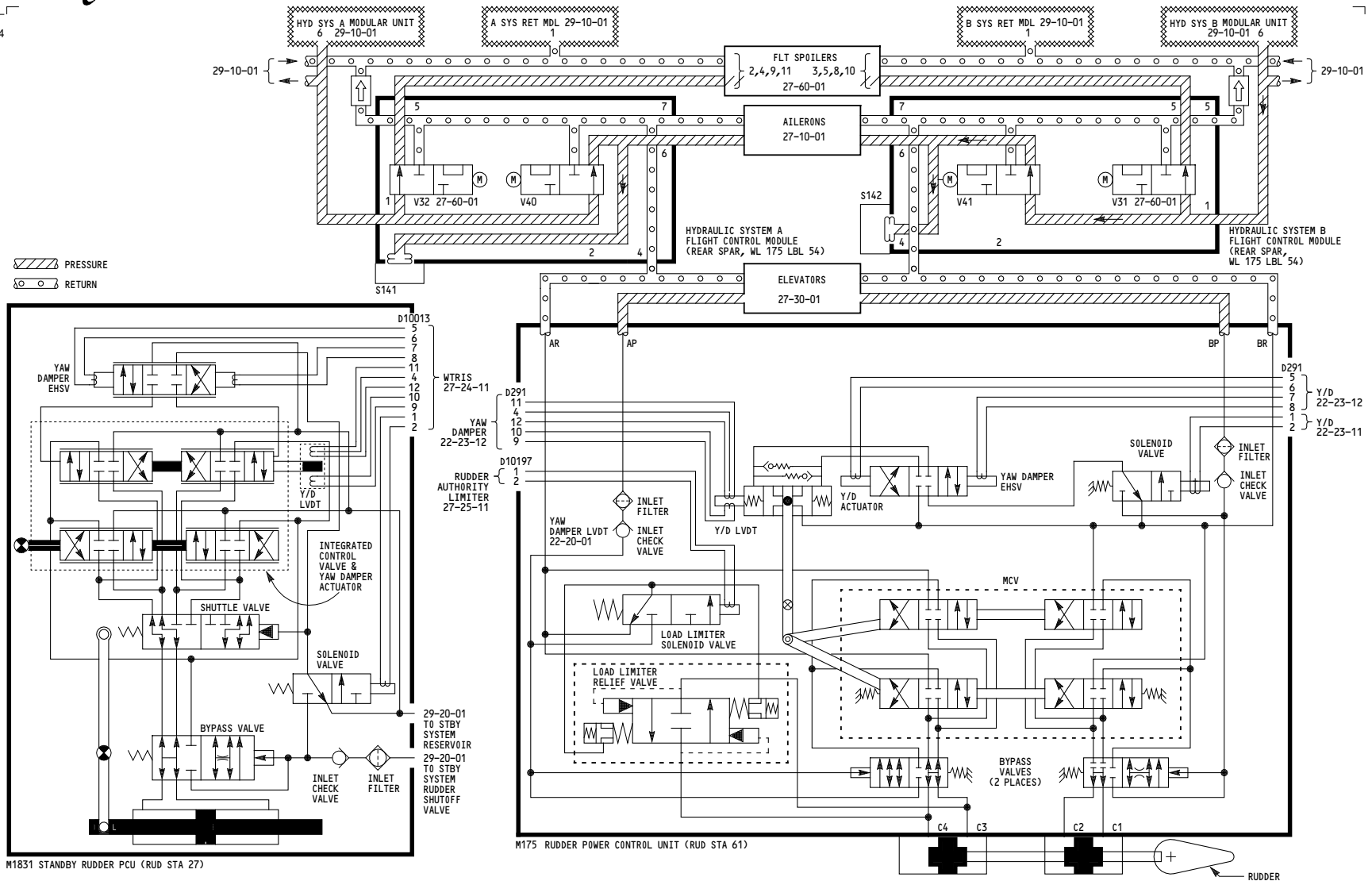
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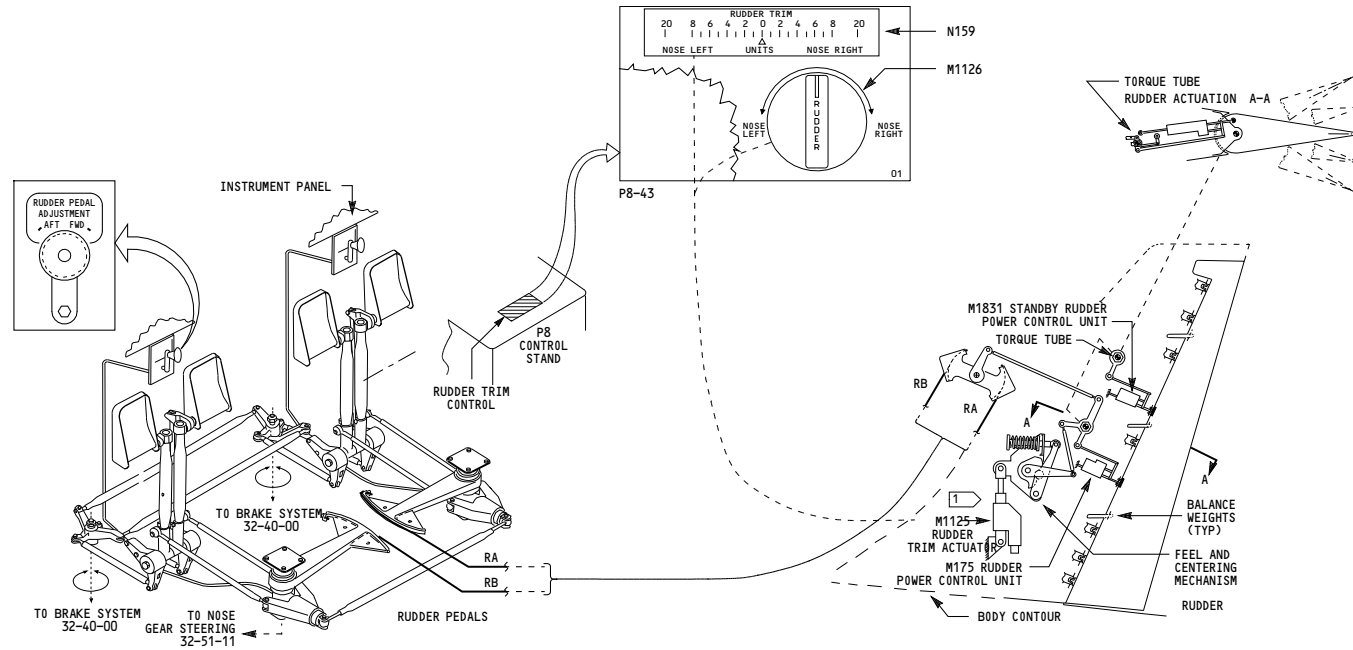
M1831 STANDBY RUDDER PCU (RUD STA 27)

M175 RUDDER POWER CONTROL UNIT (RUD STA 61)

ALL	RUDDER
	D280A451

27-20-01

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NOTES:

1. FOR ELECTRICAL CONNECTION DETAILS SEE:
27-21-11 FOR M1125, M1126
27-28-11 FOR N159
22-23-12 FOR M175

ALL	RUDDER
	D280A451

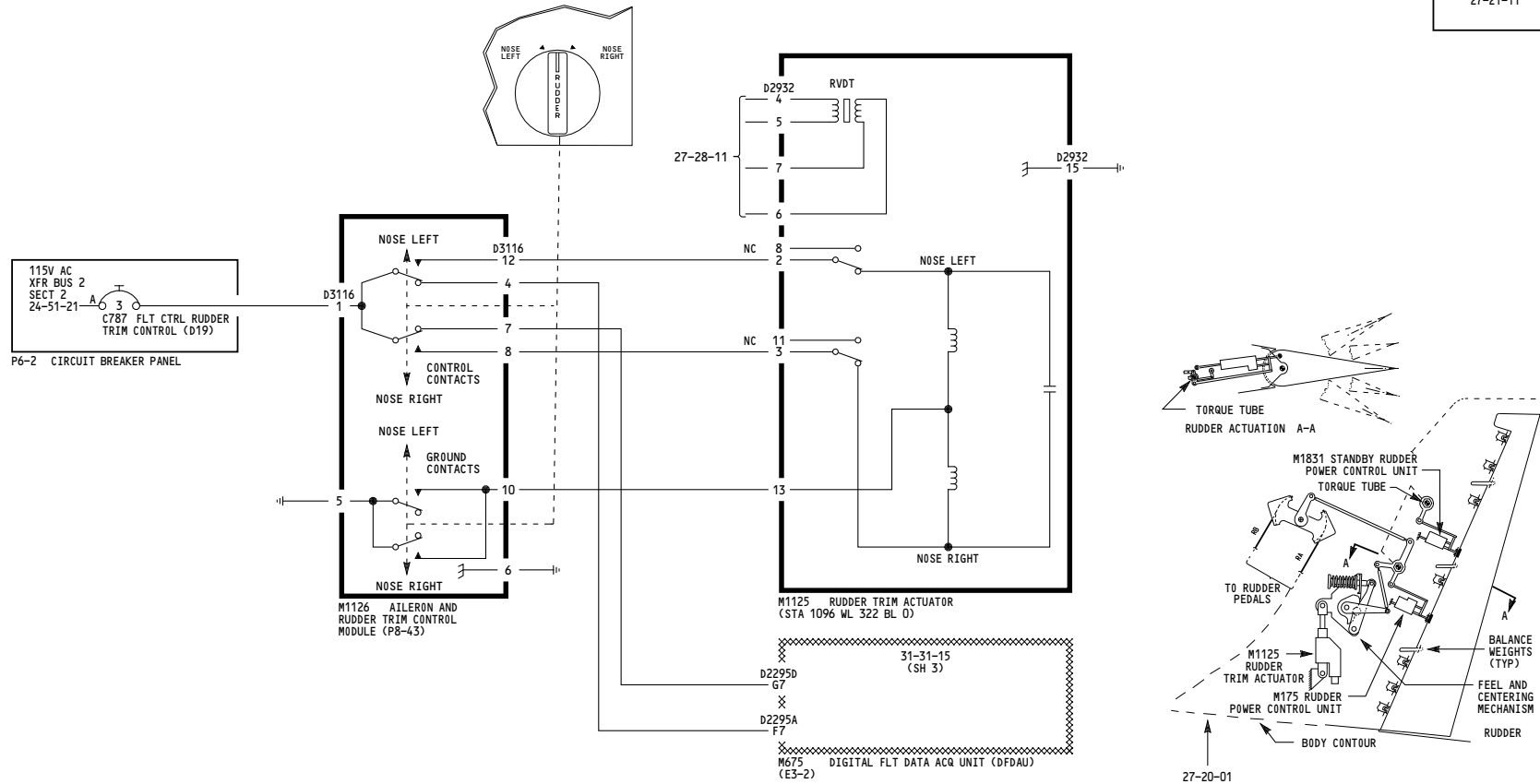
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WIRING DIAGRAMS

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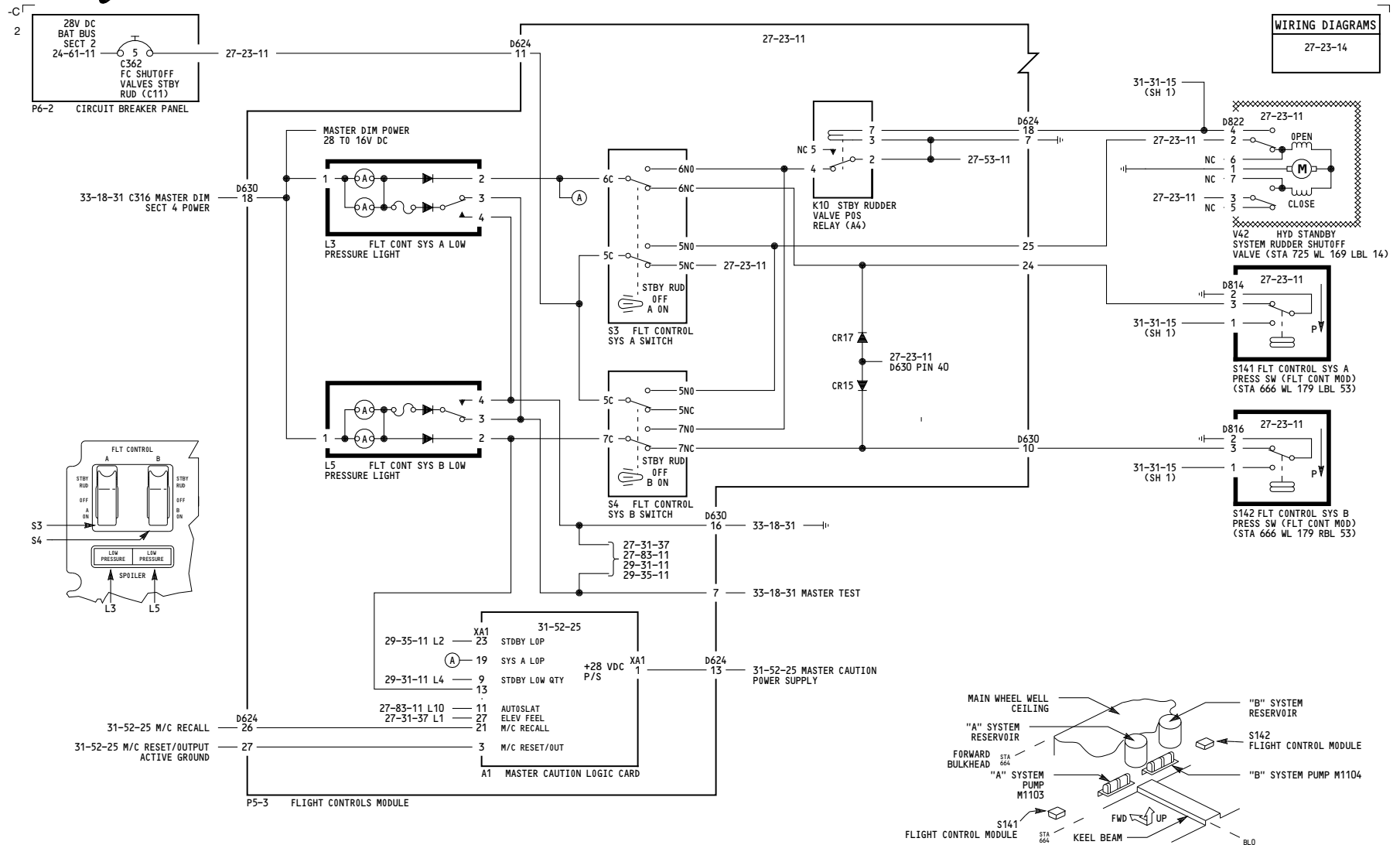
RUDDER TRIM CONTROL

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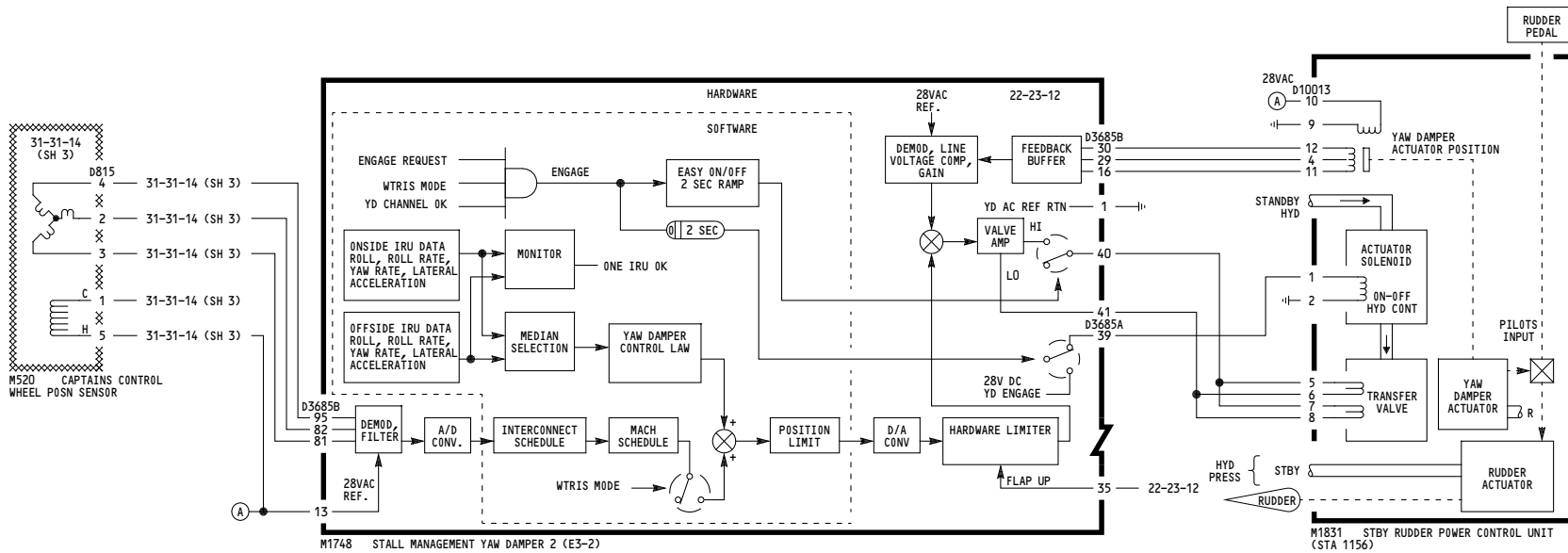
**FLIGHT CONTROL SYS "A"
AND SYS "B" LOW PRESSURE
INDICATION**

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WHEEL TO RUDDER INTERCONNECT SYSTEM

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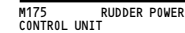
27-24-11

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**RUDDER AUTHORITY LIMITER**

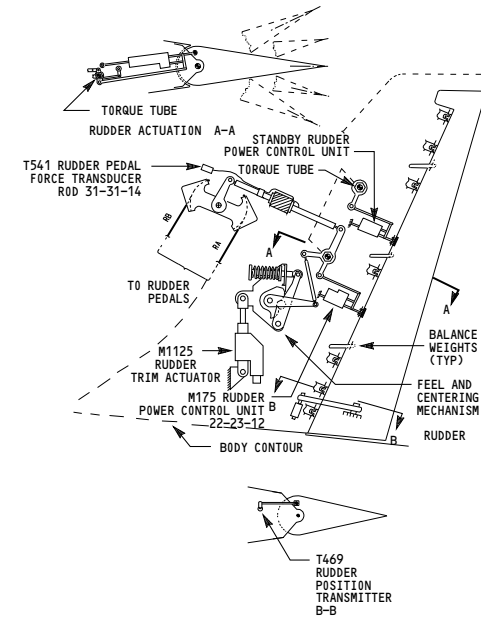
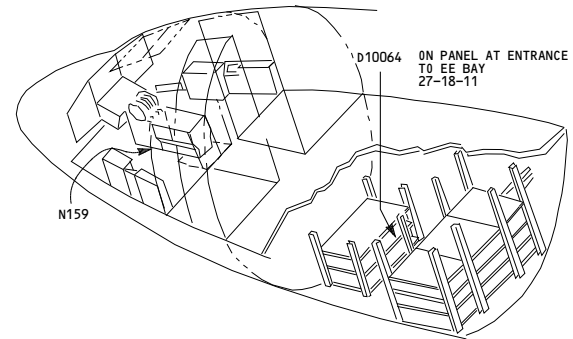
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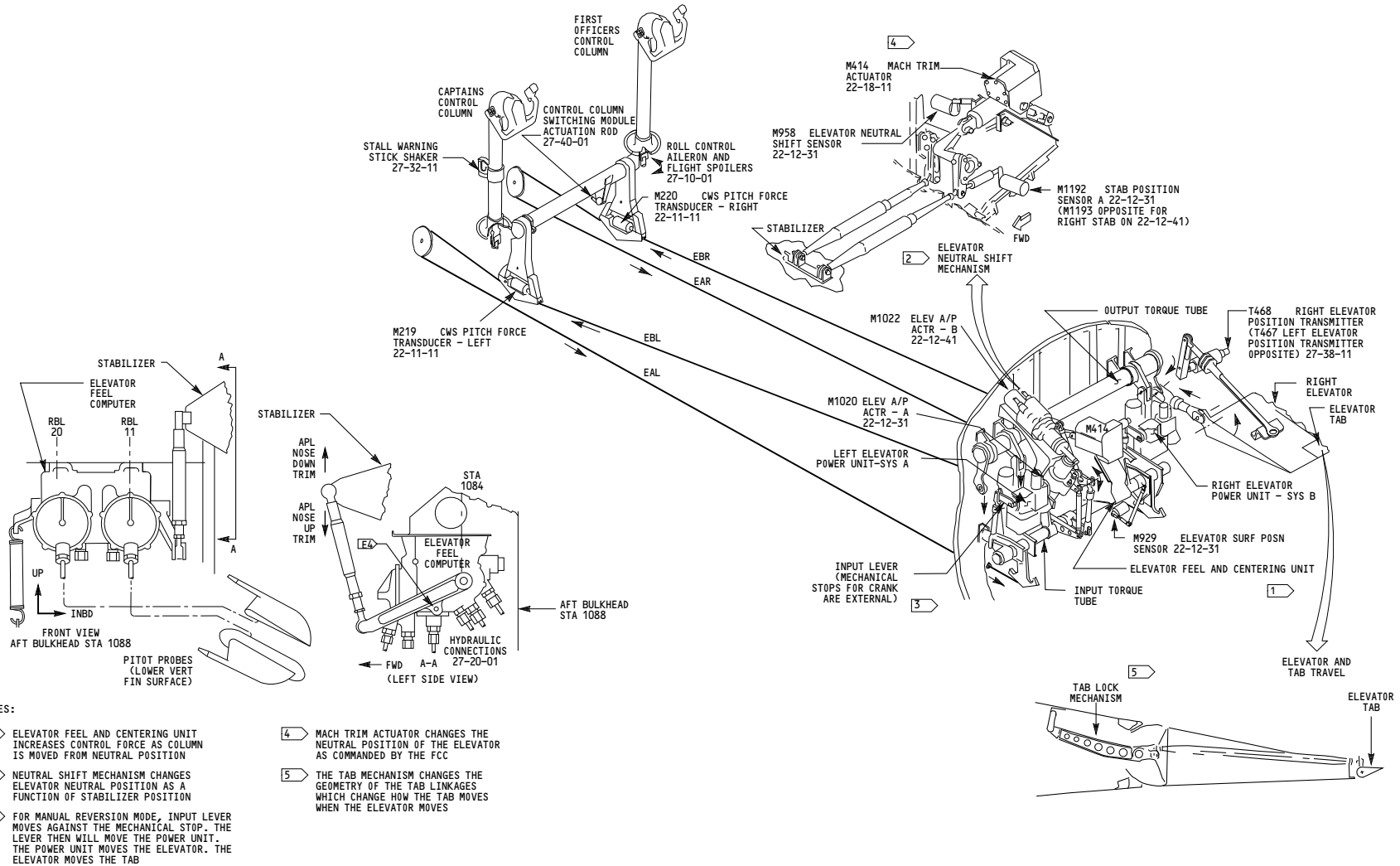
WIRING DIAGRAMS



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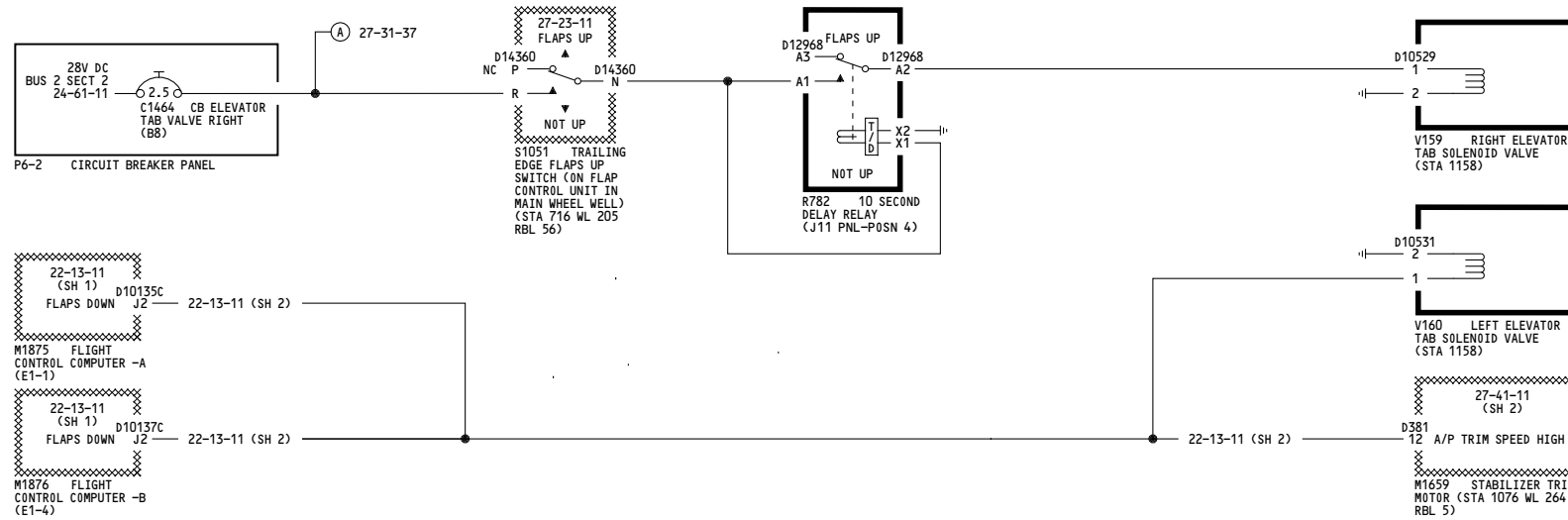


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ELEVATOR TAB CONTROL

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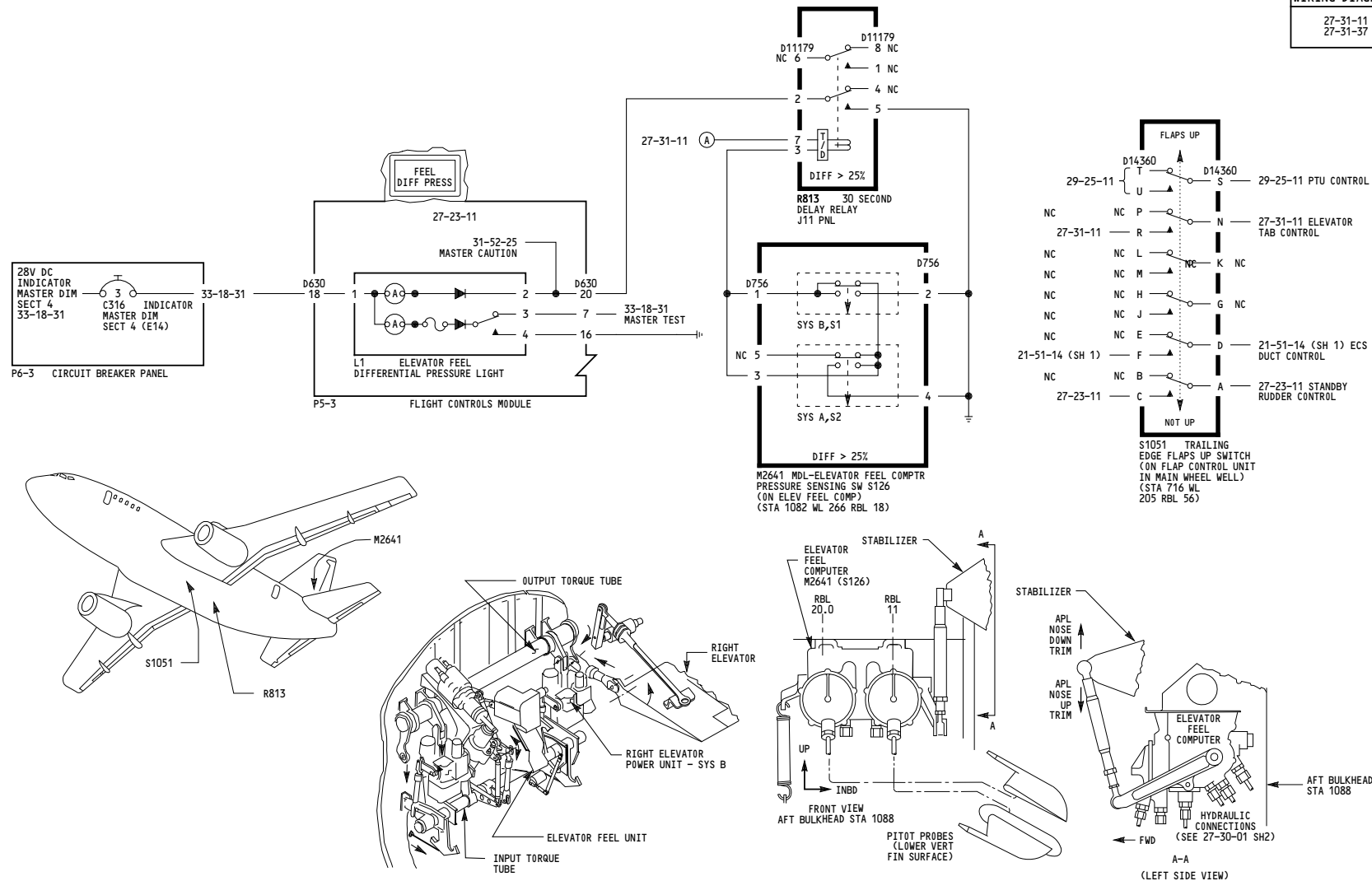
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WIRING DIAGRAMS

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ELEVATOR FEEL DIFFERENTIAL PRESSURE

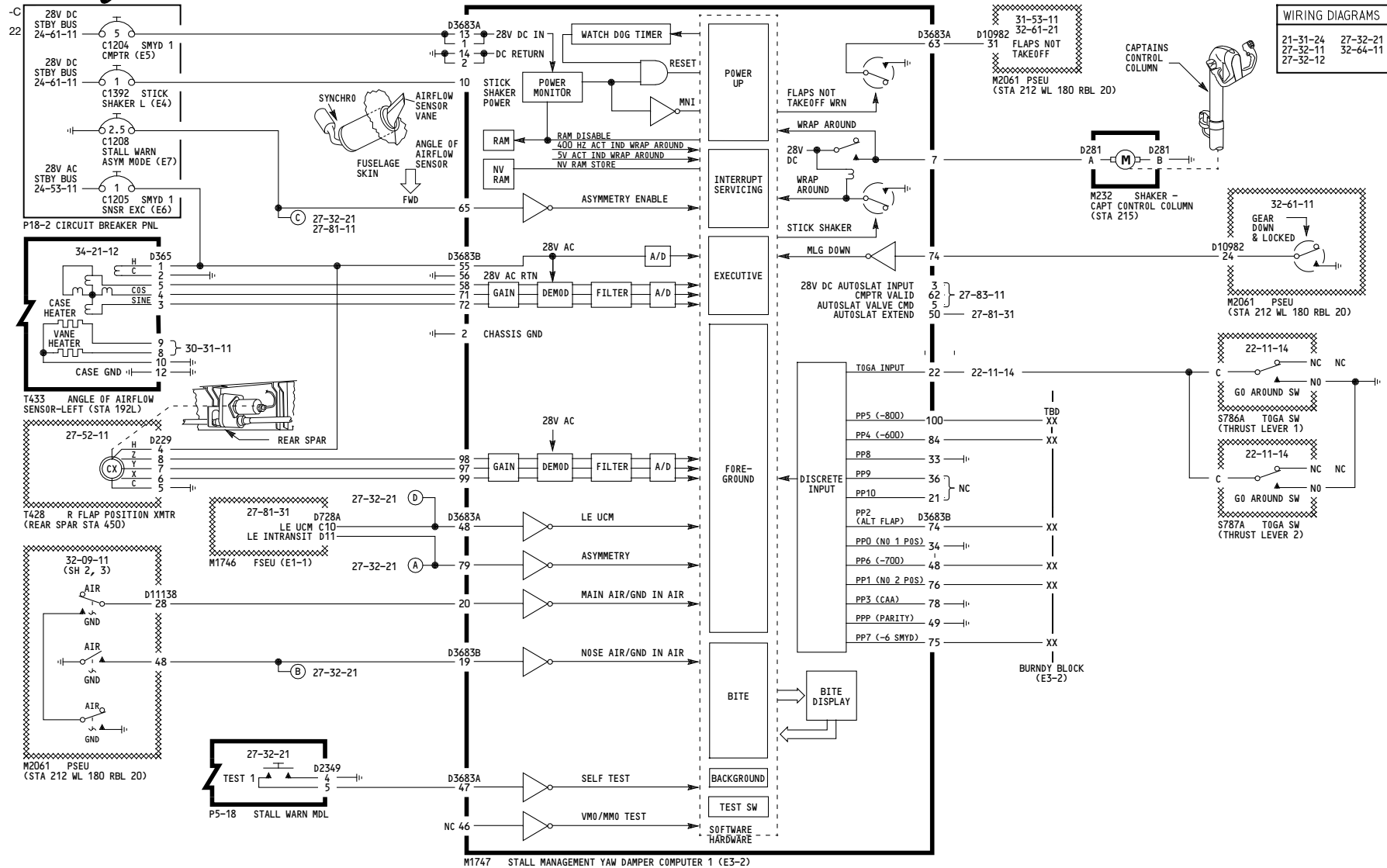
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737-800 SYSTEM SCHEMATIC MANUAL



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STALL WARNING SYSTEM 1 POWER AND ANALOGS

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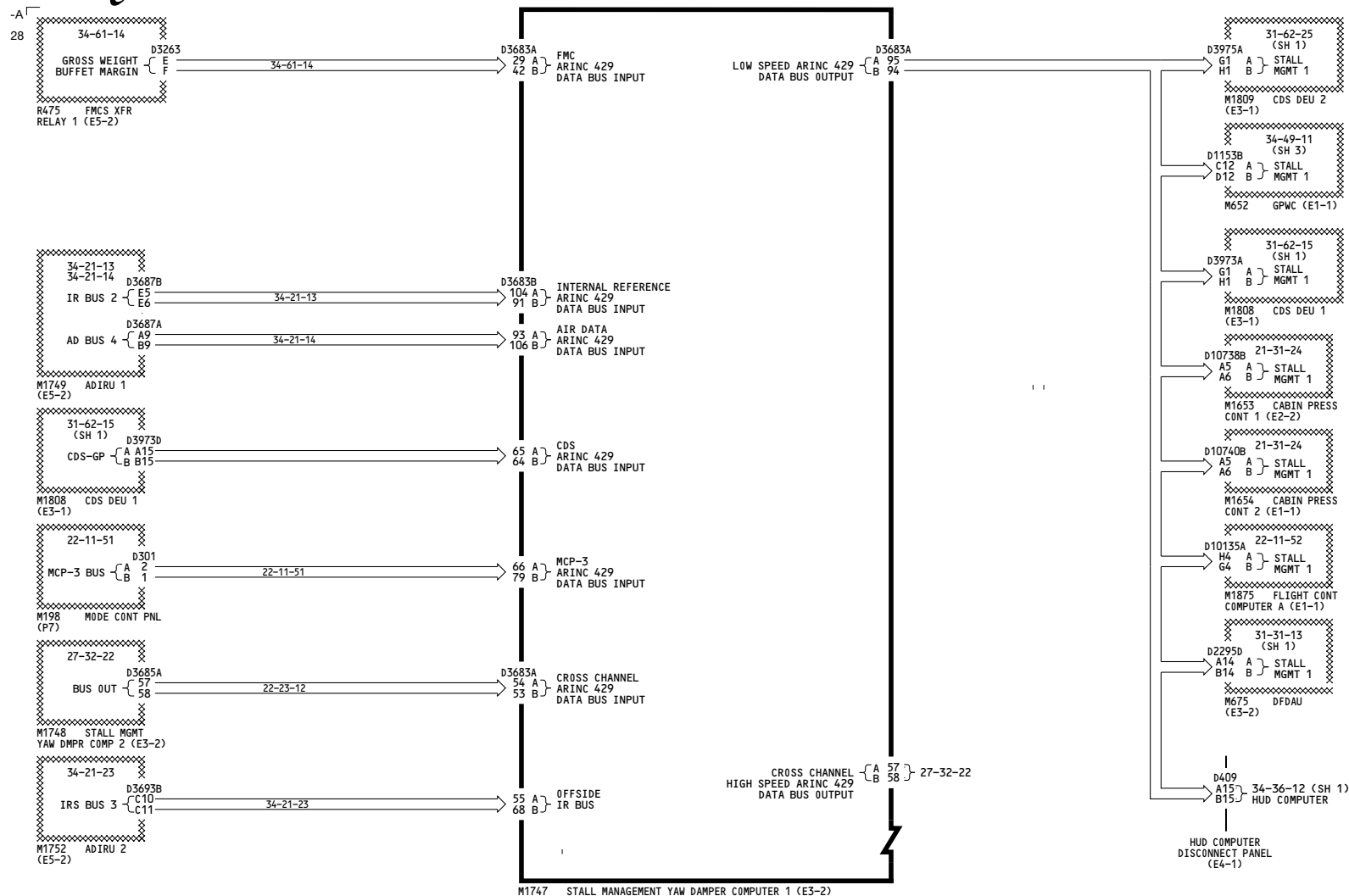
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737-800 SYSTEM SCHEMATIC MANUAL



WIRING DIAGRAMS

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27-32-12	27-32-21
27-31-22	30-31-01
31-31-12	31-31-52
32-64-01	32-64-11
34-64-12	34-49-02

ALL

STALL WARNING SYSTEM 1 DIGITAL INTERFACE

D280A451

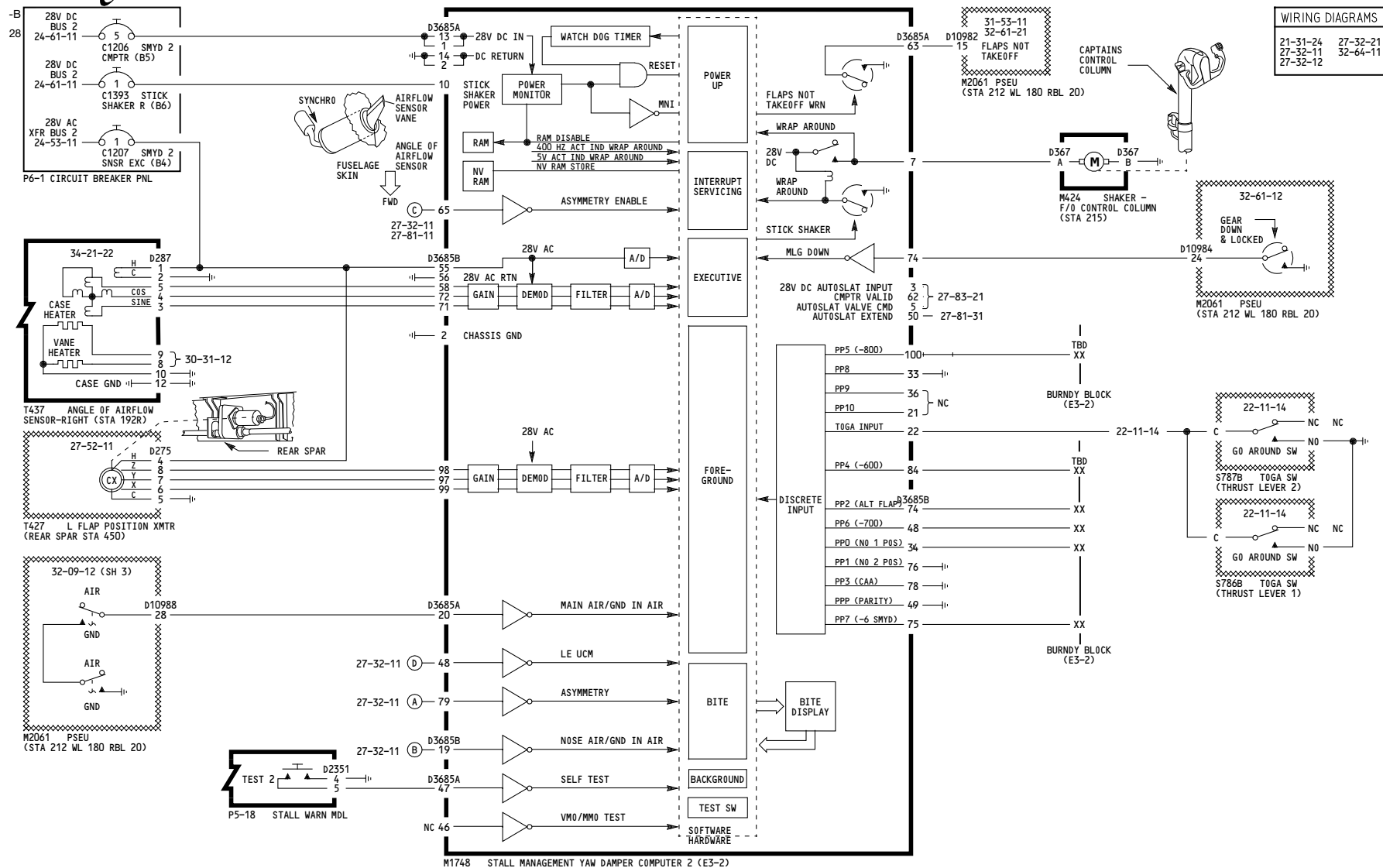
27-32-12

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737-800 SYSTEM SCHEMATIC MANUAL



ALL

STALL WARNING SYSTEM 2 POWER AND ANALOGS

D280A451

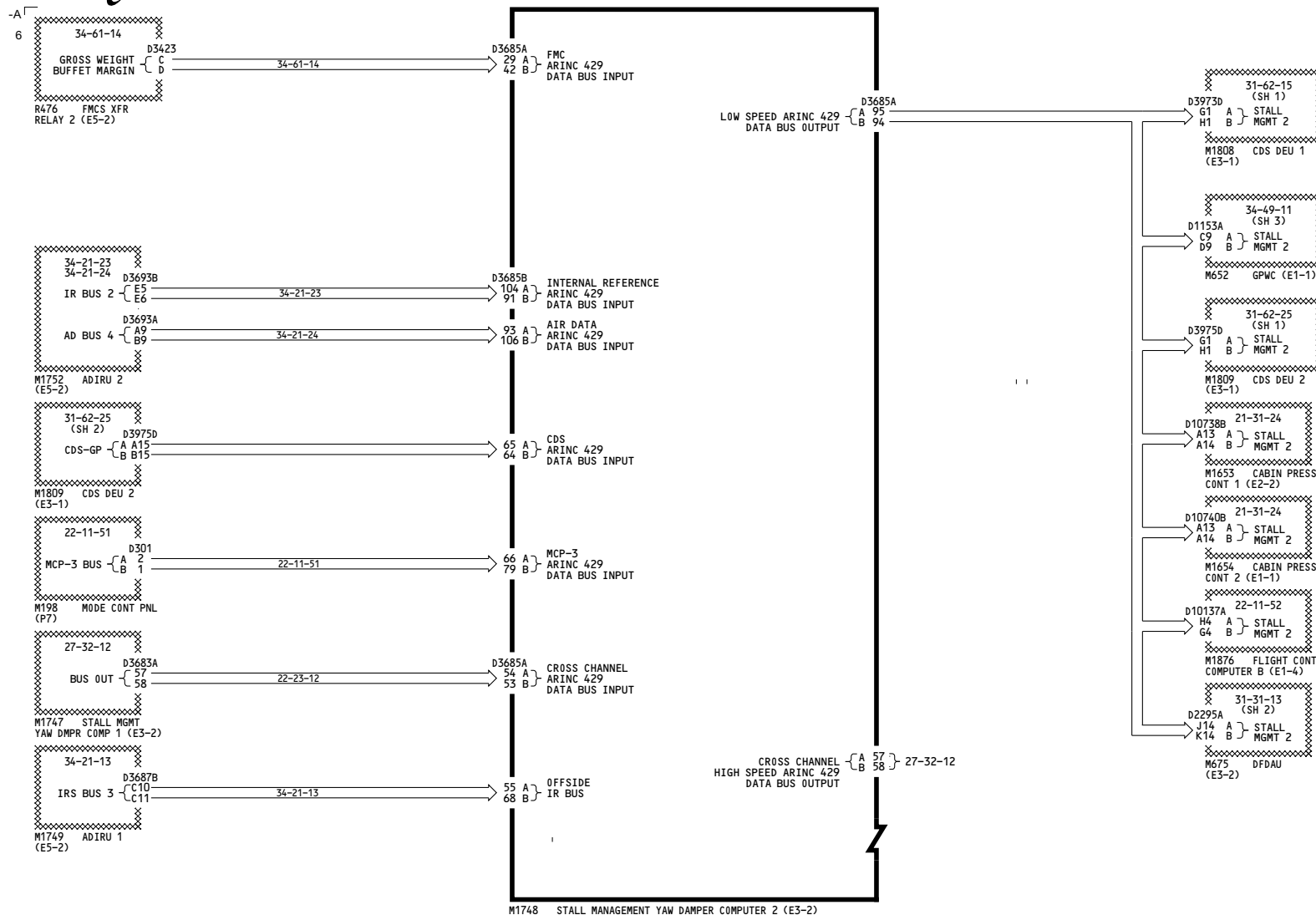
27-32-21

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737-800 SYSTEM SCHEMATIC MANUAL



WIRING DIAGRAMS

21-31-24	27-32-11
27-32-12	27-32-21
27-31-22	30-31-01
31-31-12	31-31-52
32-64-01	32-64-11
34-64-12	34-49-02

ALL

STALL WARNING SYSTEM 2 DIGITAL INTERFACE

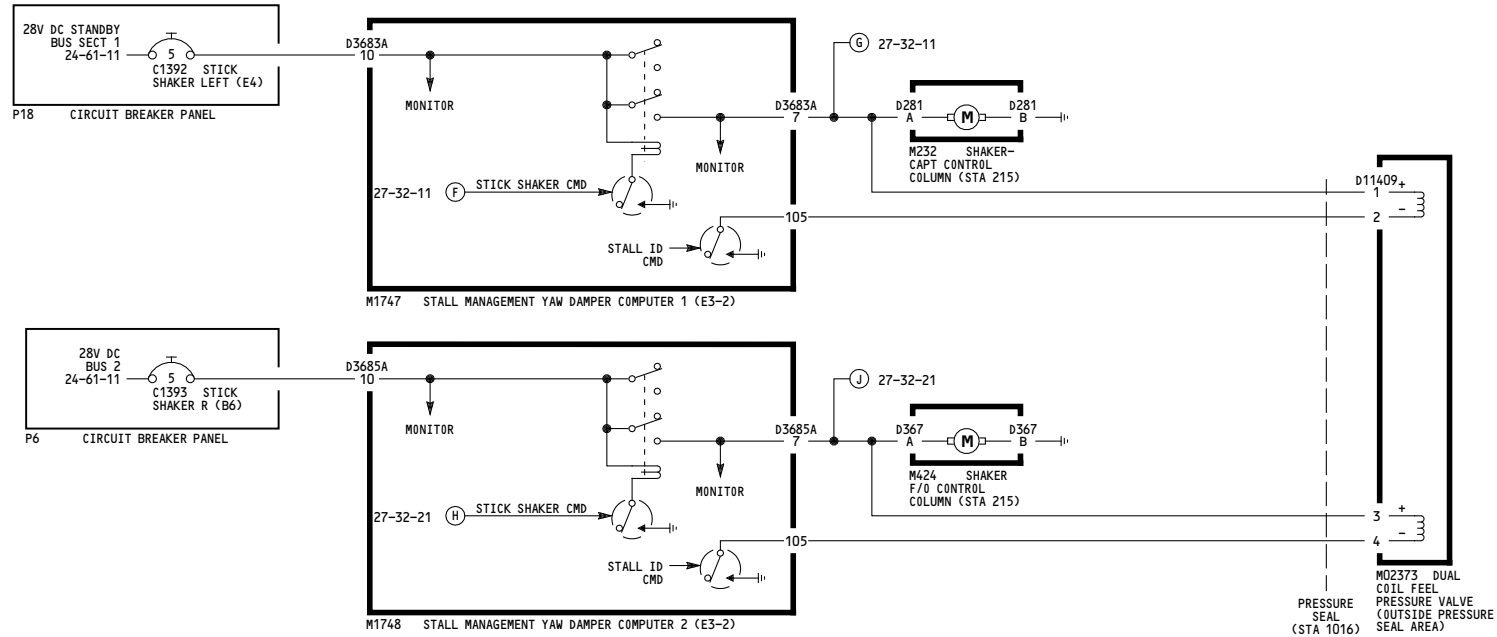
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ALL

**STALL IDENTIFICATION-
ELEVATOR FEEL SHIFT**

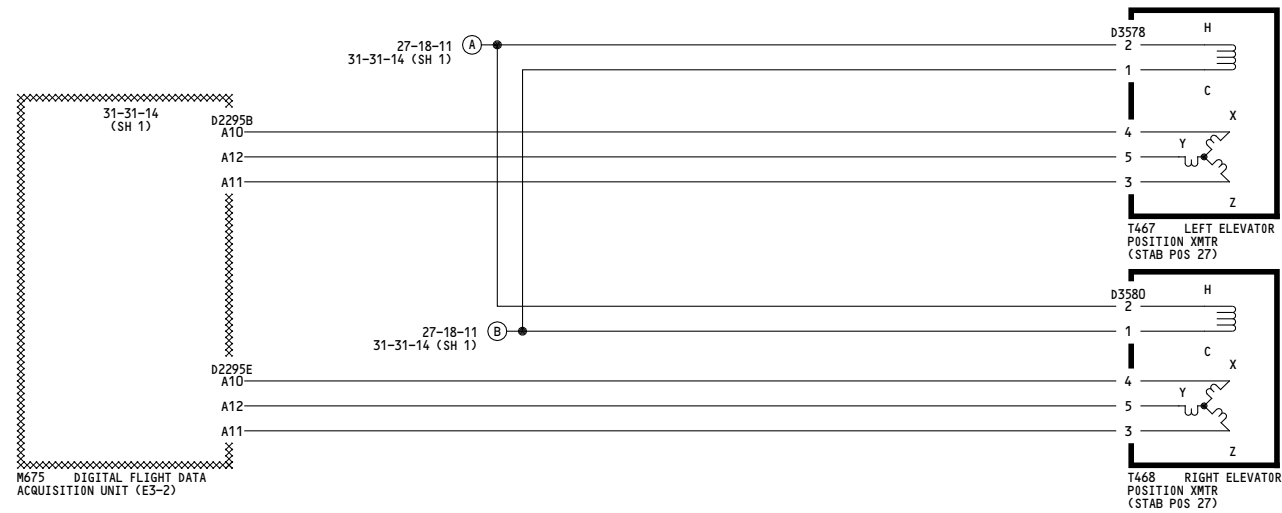
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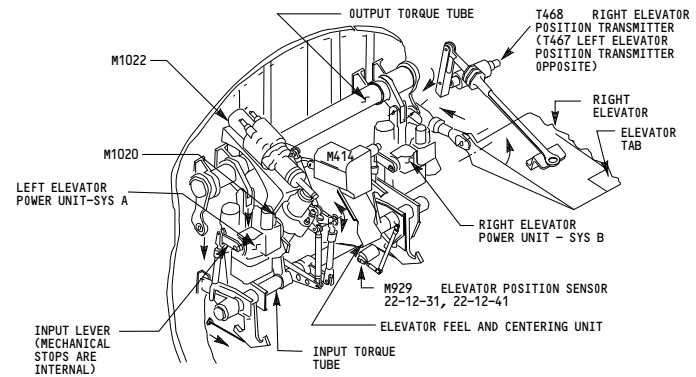
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WIRING DIAGRAMS
27-38-11



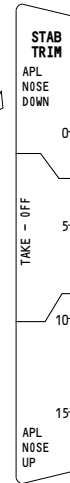
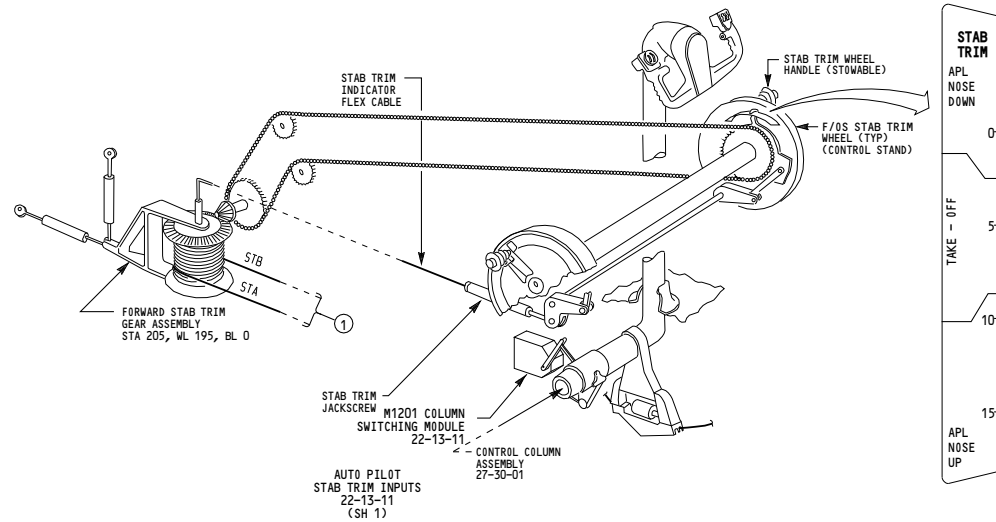
ALL	ELEVATOR POSITION INDICATION
	D280A451

27-38-11

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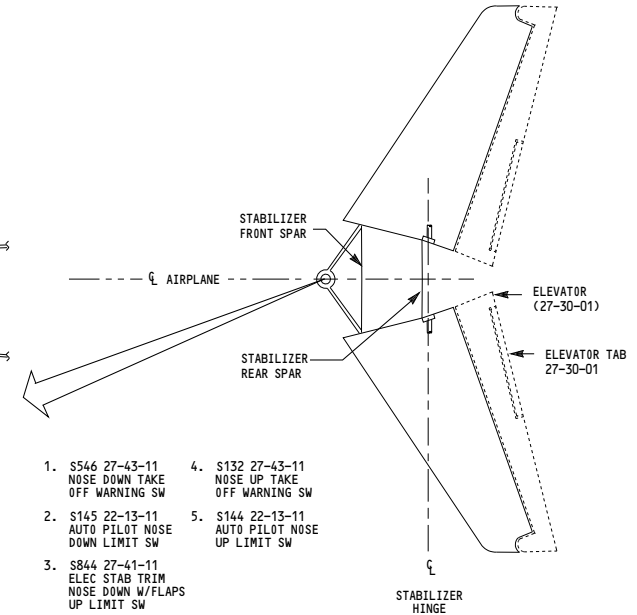
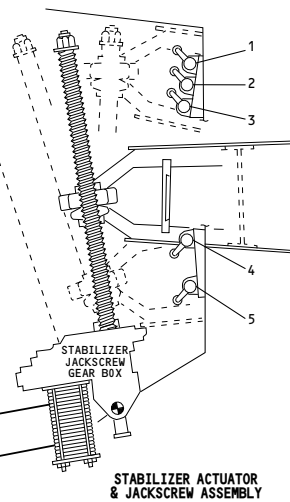
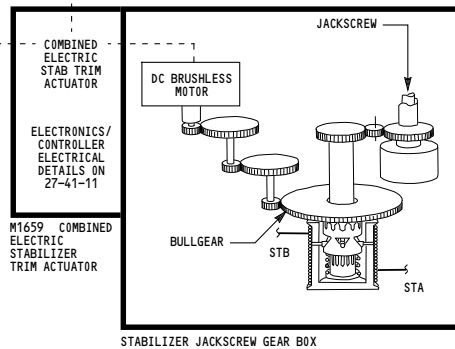
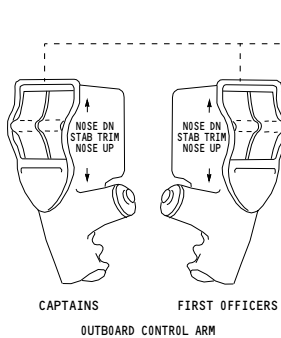
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1



MINOR MODEL	WINGLETS	STOPS		TAKEOFF TRIM LIMITS		GREENBAND LIMITS		AUTOPILOT & MAIN ELEC FLAPS NOT UP TRIM LIMITS AND	MAIN ELEC FLAPS UP TRIM LIMIT AND	AUTOPILOT & MAIN ELEC TRIM LIMIT ANU
		AND	ANU	AND	ANU	AND	ANU			
-600	W/O	-0.20	16.90	2.00	8.85	2.25	8.60	0.05	4.10	14.50
	W/	-0.20	16.90	TBD	TBD	TBD	TBD	0.05	4.10	14.50
-700	W/O	-0.20	16.90	2.40	8.75	2.65	8.50	0.05	4.30	14.50
	W/	-0.20	16.90	3.60	9.95	3.85	9.70	0.05	4.30	14.50
-700 IGW	W/O	-0.20	16.90	2.40	8.75	2.65	8.50	0.05	4.30	14.50
	W/	-0.20	16.90	3.60	9.95	3.85	9.70	0.05	4.30	14.50
-800	W/O	-0.20	16.90	1.80	8.75	2.05	8.50	0.05	3.95	14.50
	W/	-0.20	16.90	2.40	8.75	2.65	8.50	0.05	3.95	14.50
-800 SFP	W/O	-0.20	16.90	2.40	8.75	2.65	8.50	0.05	3.95	14.50
	W/	-0.20	16.90	2.40	8.75	2.65	8.50	0.05	3.90	14.50
-900	W/O	-0.20	16.90	2.40	8.75	2.65	8.50	0.05	3.90	14.50
	W/	-0.20	16.90	2.40	8.75	2.65	8.50	0.05	3.90	14.50

ANU=AIRPLANE NOSE UP AND=AIRPLANE NOSE DOWN -600S DO NOT HAVE ANY WINGLET INSTALLATIONS



ALL

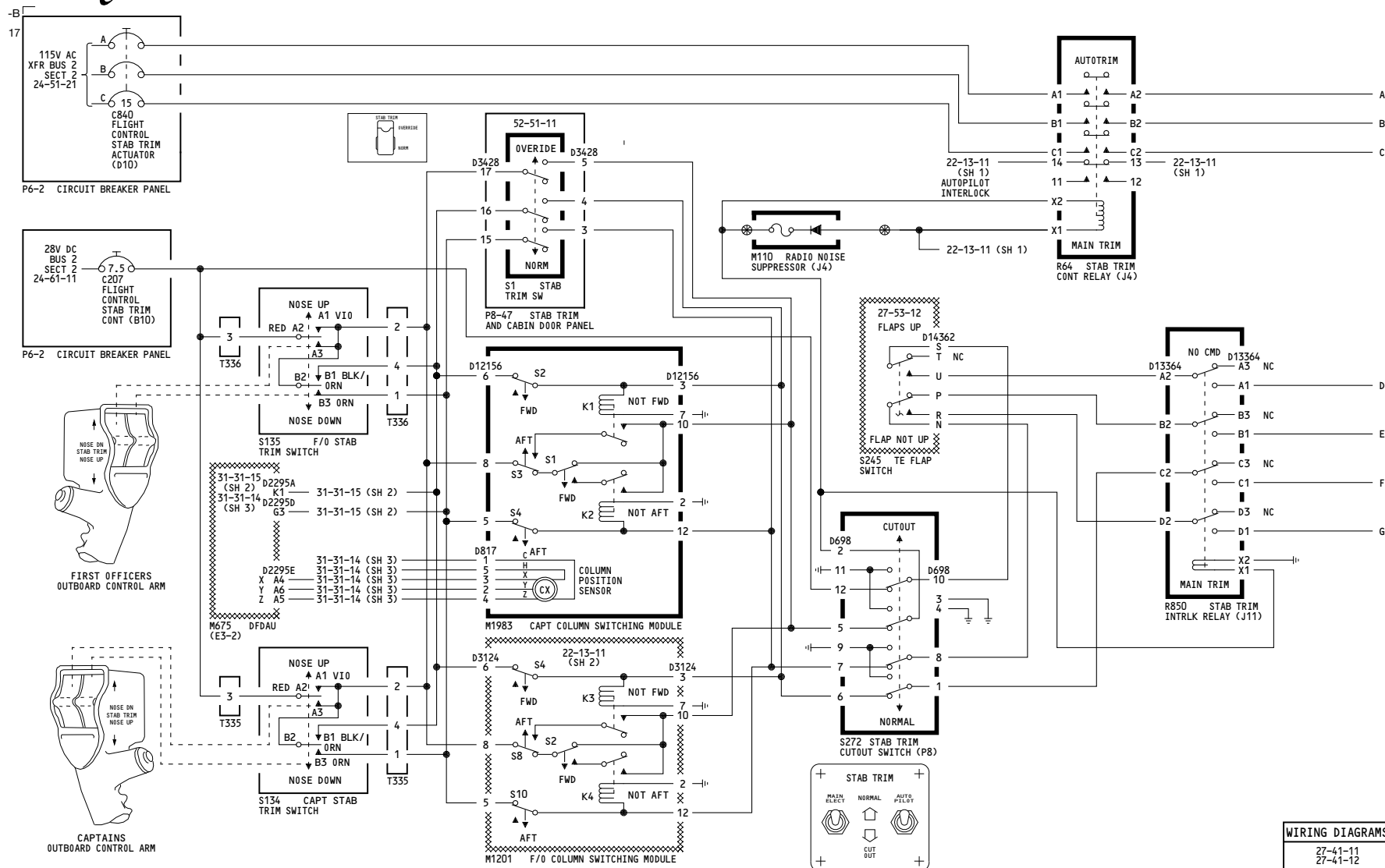
HORIZONTAL STABILIZERS

D280A451

27-40-01

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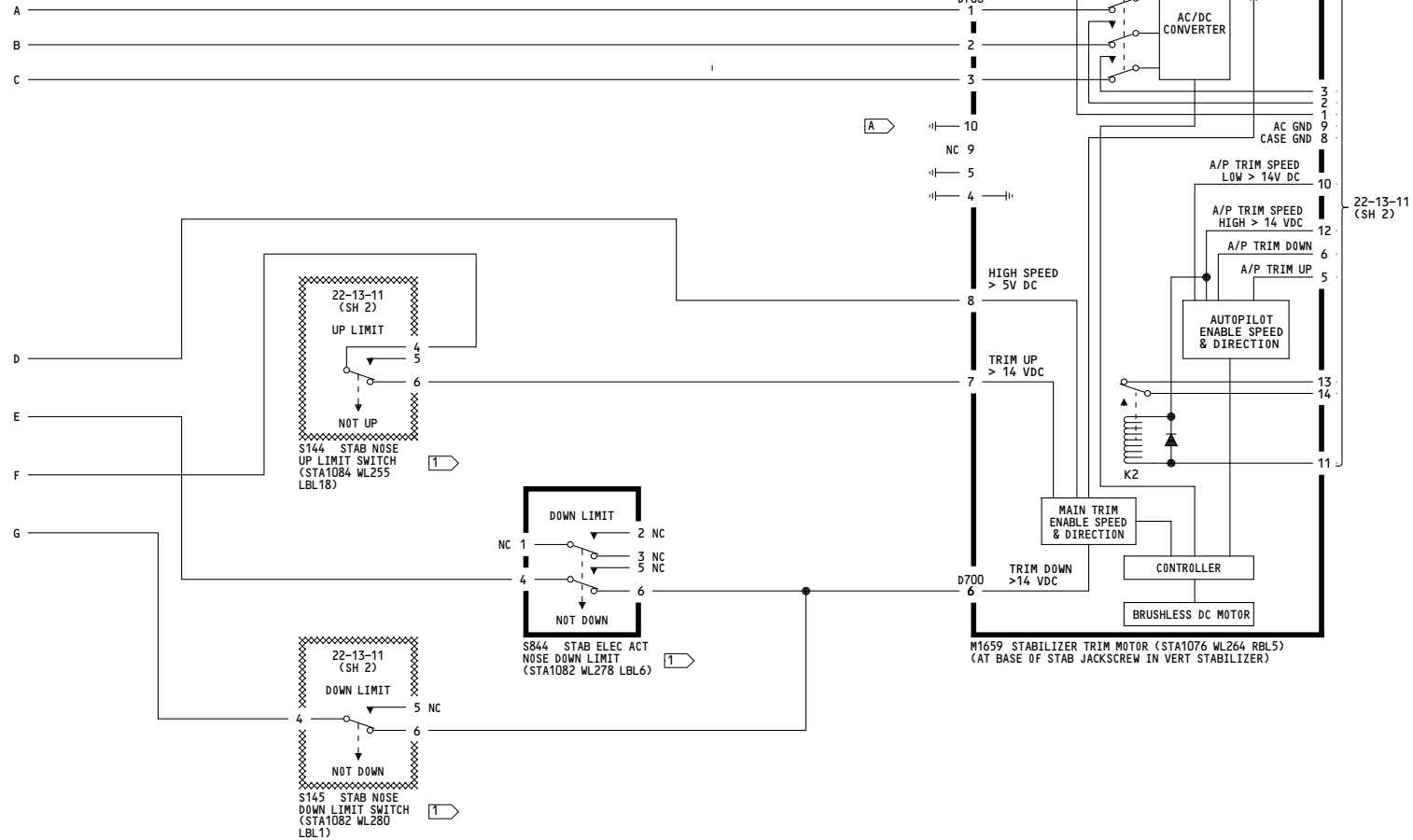
27-41-11

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HORIZONTAL STABILIZER TRIM CONTROL

D280A451

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3



NOTES:

- 1 SWITCHES LOCATED NEAR STABILIZER JACKSCREW IN VERTICAL STABILIZER

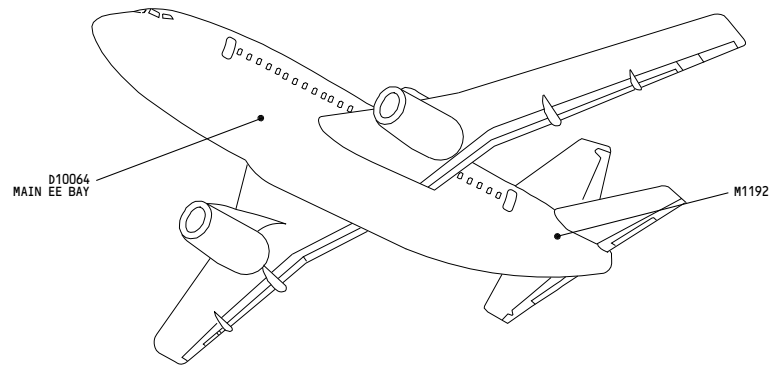
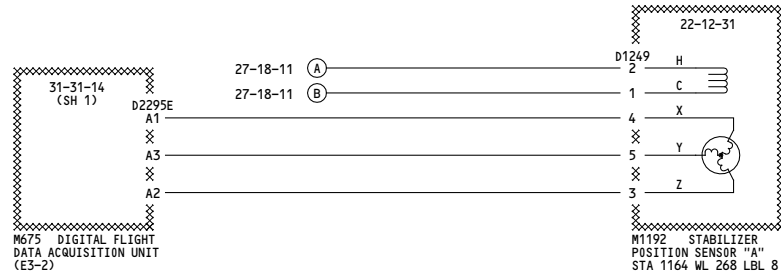
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HORIZONTAL STABILIZER TRIM CONTROL

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ALL

**HORIZONTAL STABILIZER
TRIM INDICATION**

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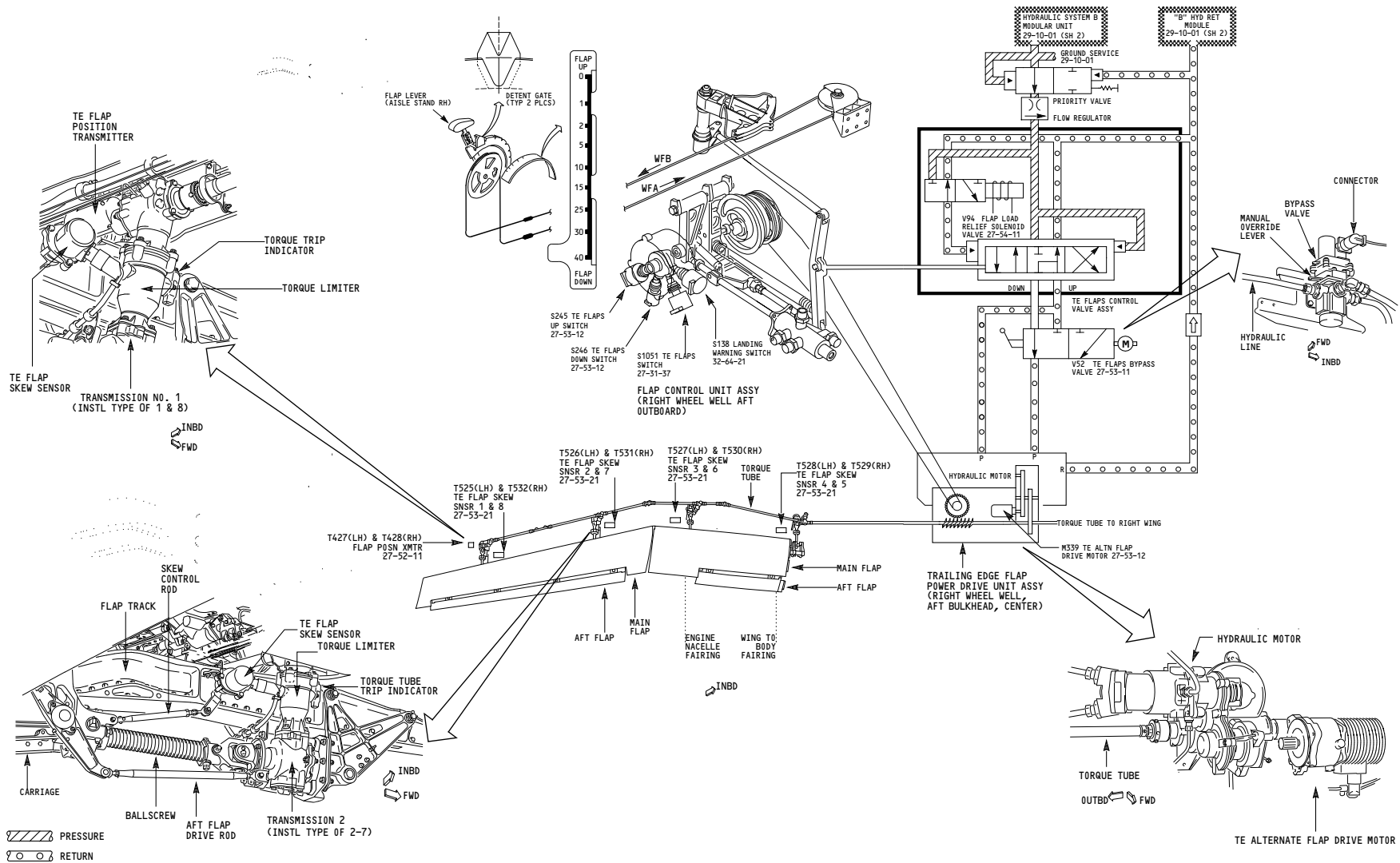
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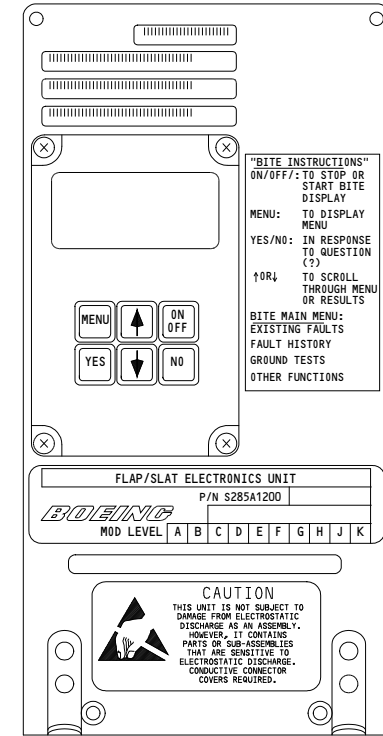
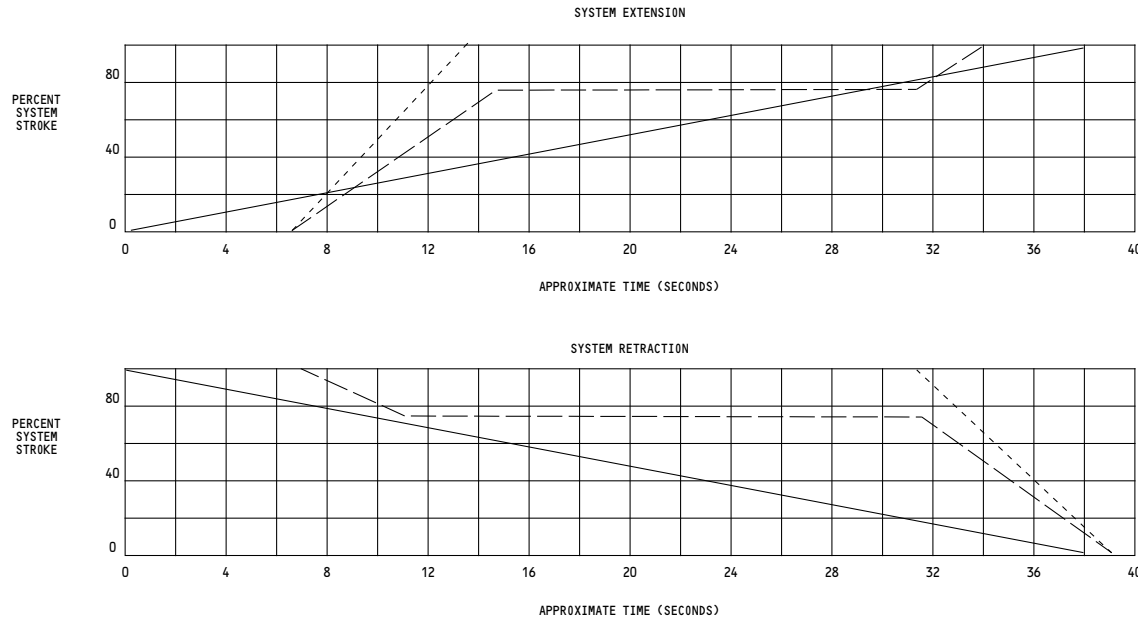
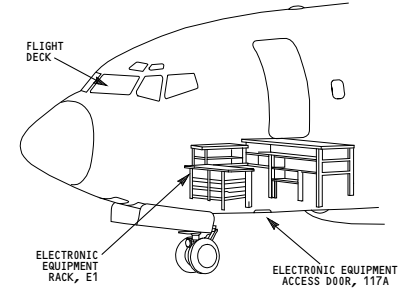
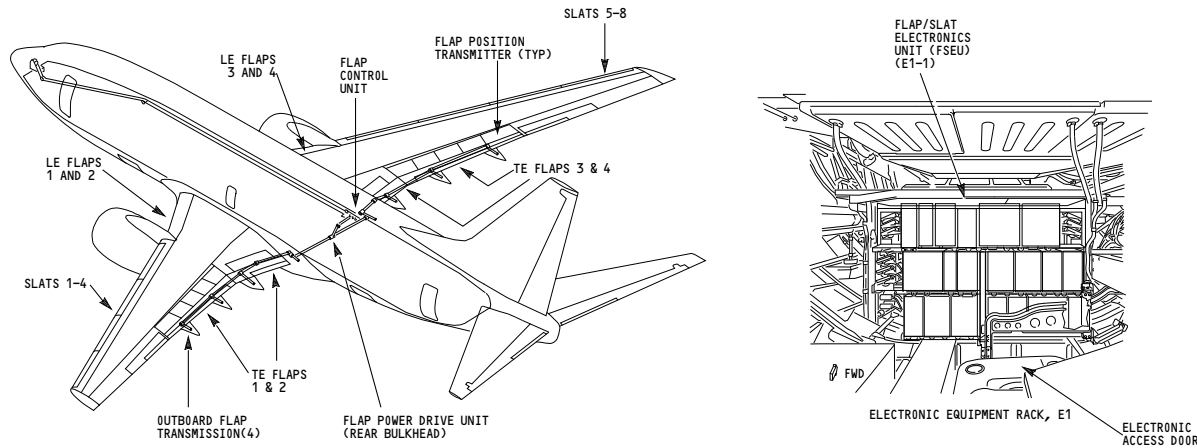
ALL

HIGHLIFT SYSTEM OVERVIEW

D280A451

27-50-01

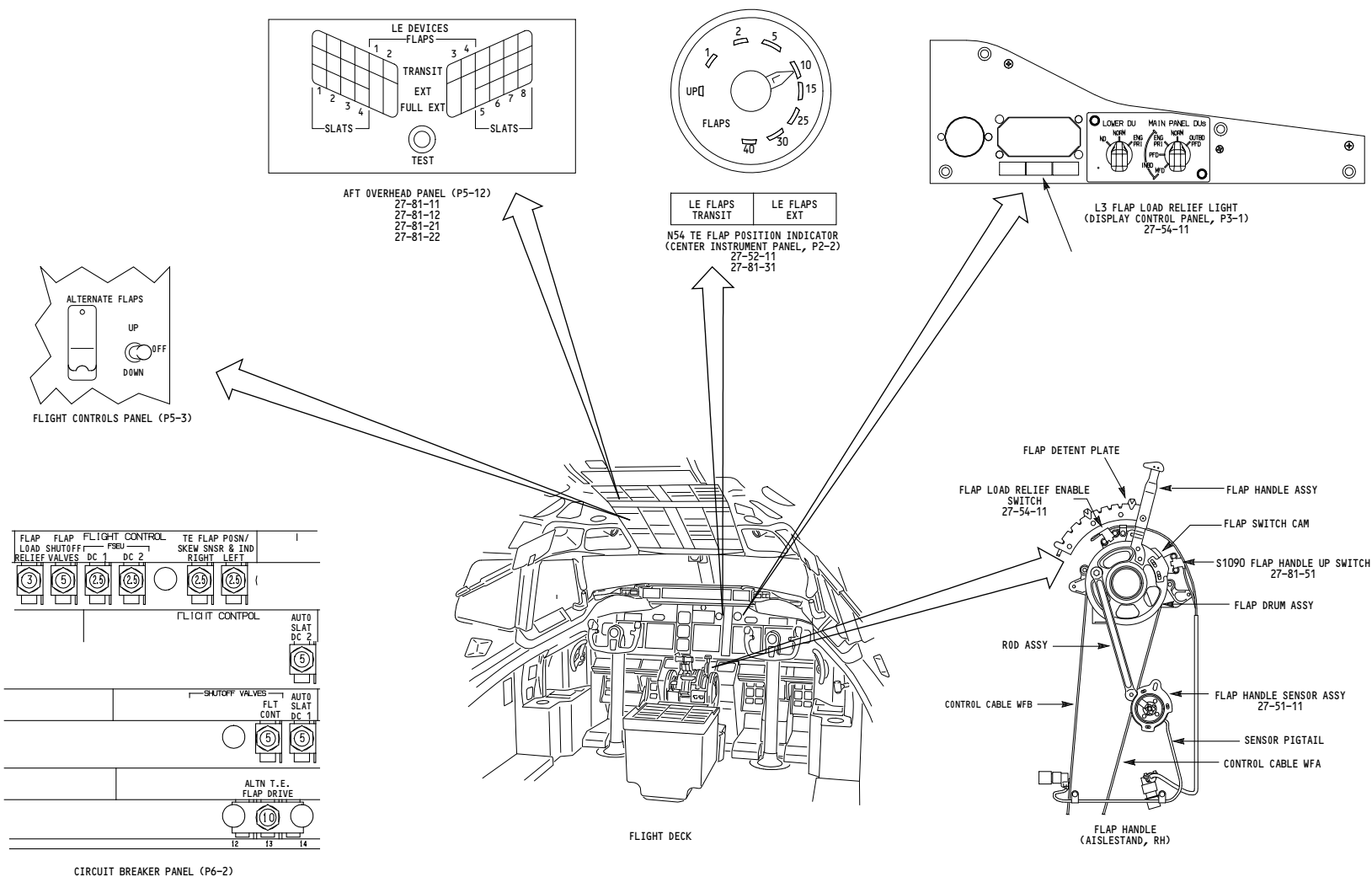
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M1746 FLAP/SLAT ELECTRONICS UNIT (FSEU)

ALL	HIGHLIFT SYSTEM OVERVIEW
	D280A451

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1



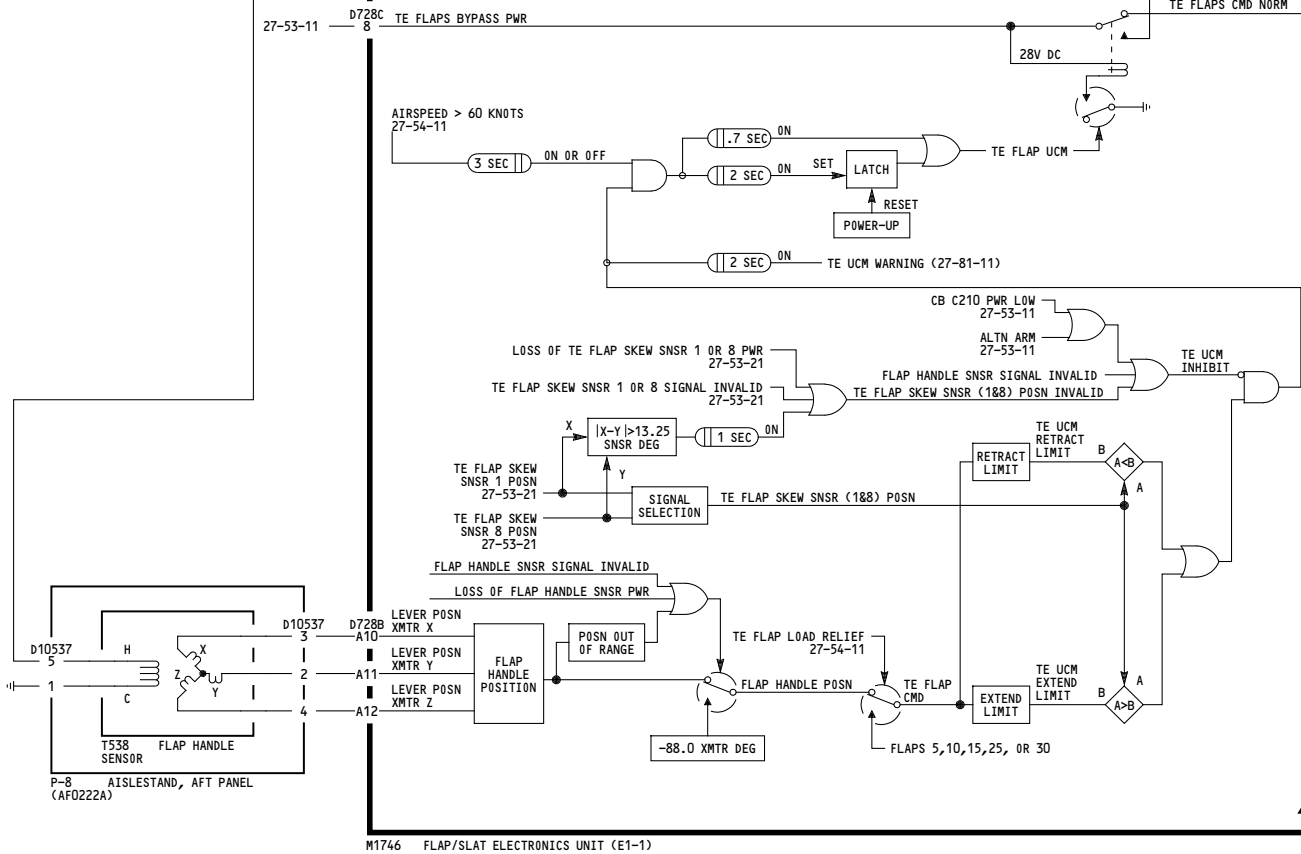
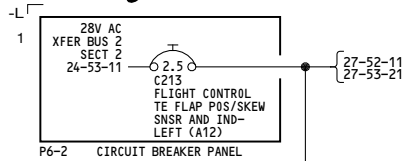
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HIGHLIFT SYSTEM OVERVIEW

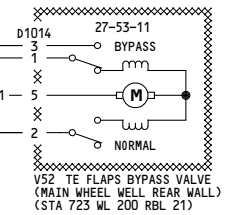
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27-50-01

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WIRING DIAGRAMS
27-51-11



ALL

TRAILING EDGE UNCOMMANDED MOTION PROTECTION

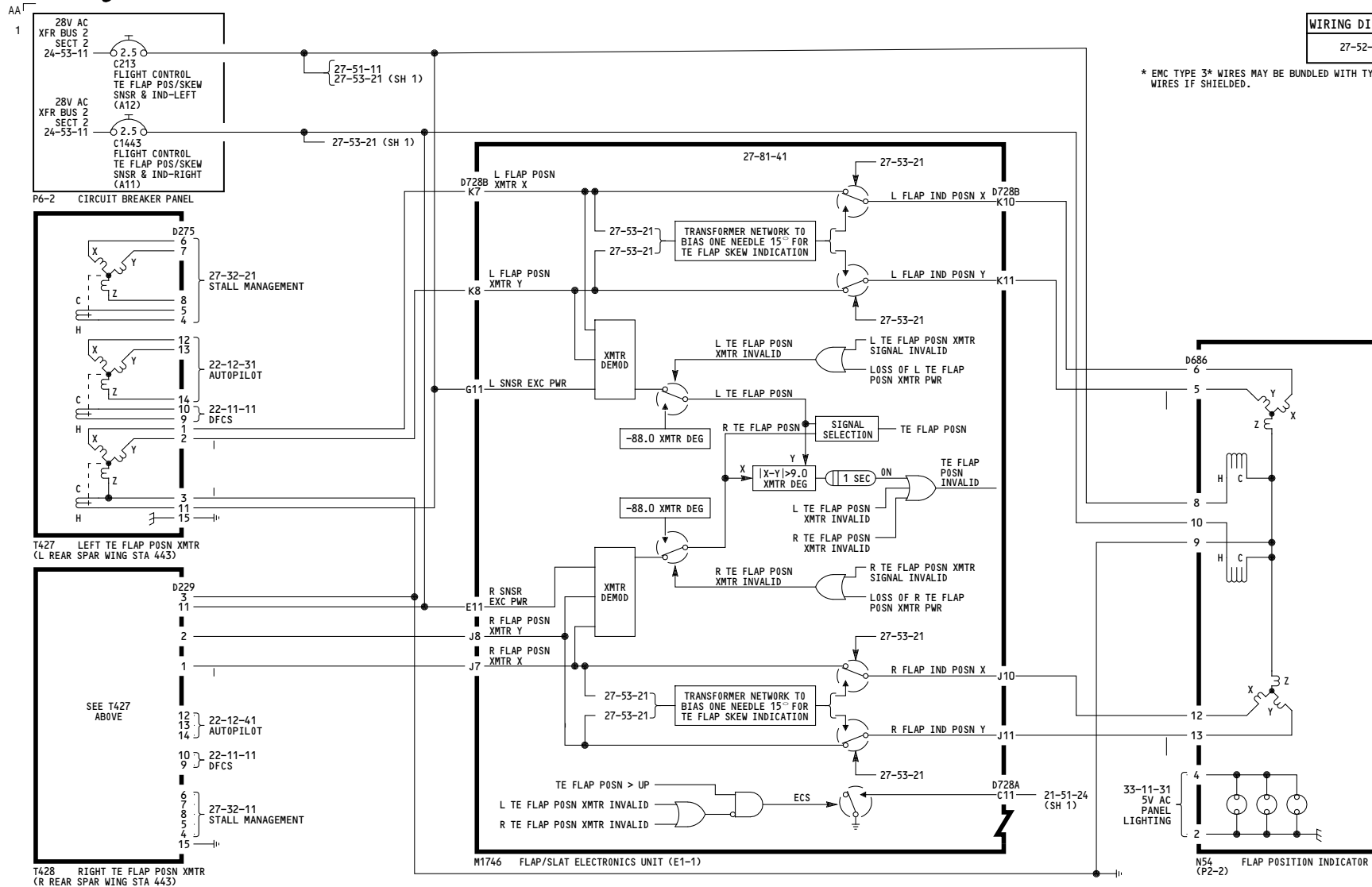
D280A451

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* EMC TYPE 3* WIRES MAY BE BUNDLED WITH TYPE 2 WIRES IF SHIELDED.



ALL

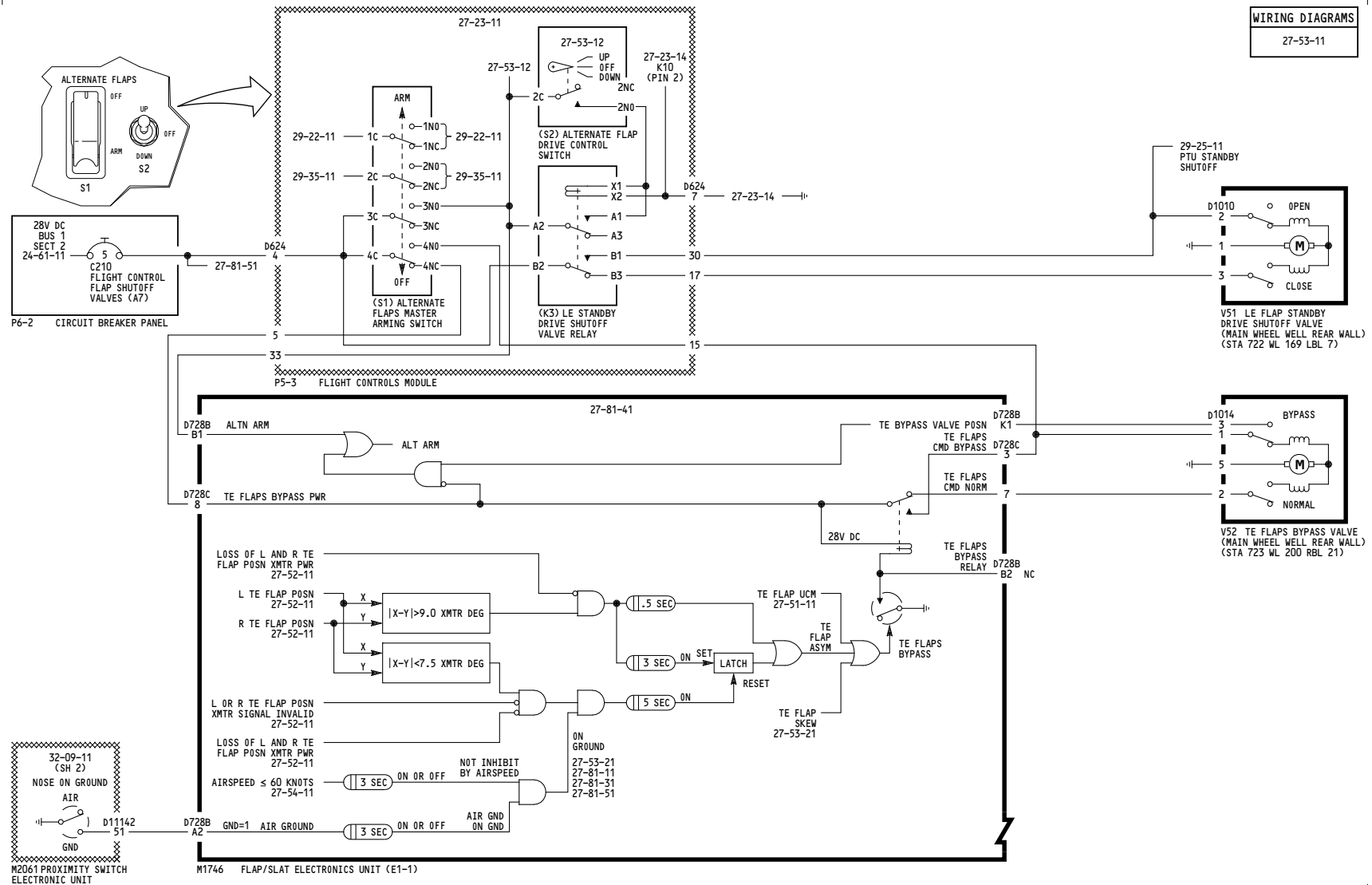
TRAILING EDGE FLAP POSITION INDICATION

D280A451

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$$-\frac{G}{3}$$


ALL

ALTERNATE TRAILING AND LEADING EDGE FLAP DRIVE

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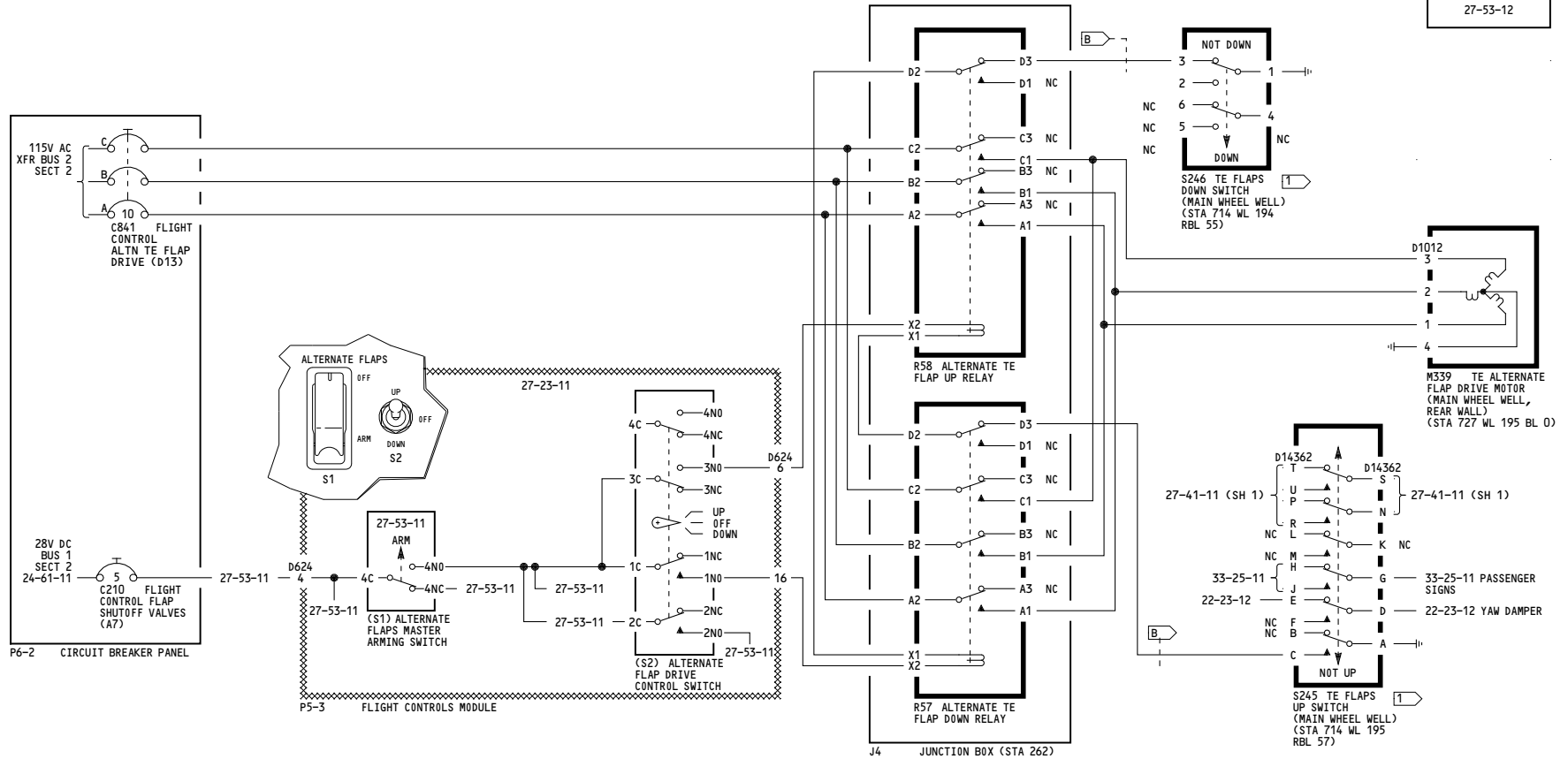
27-53-11

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WIRING DIAGRAMS
27-53-12



NOTES:

1 SWITCHES LOCATED ON FLAP CONTROL UNIT ASSEMBLY IN MAIN WHEEL WELL, REAR WALL, RIGHT SIDE NEAR CEILING. (27-50-01)

ALL	TRAILING EDGE ALTERNATE FLAP DRIVE
	D280A451

27-53-12

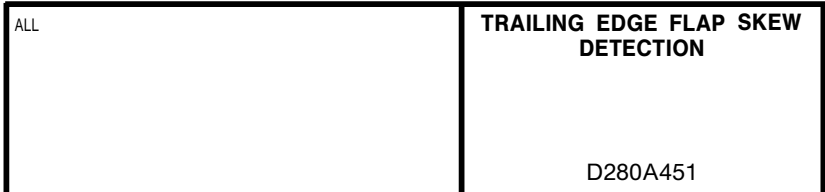
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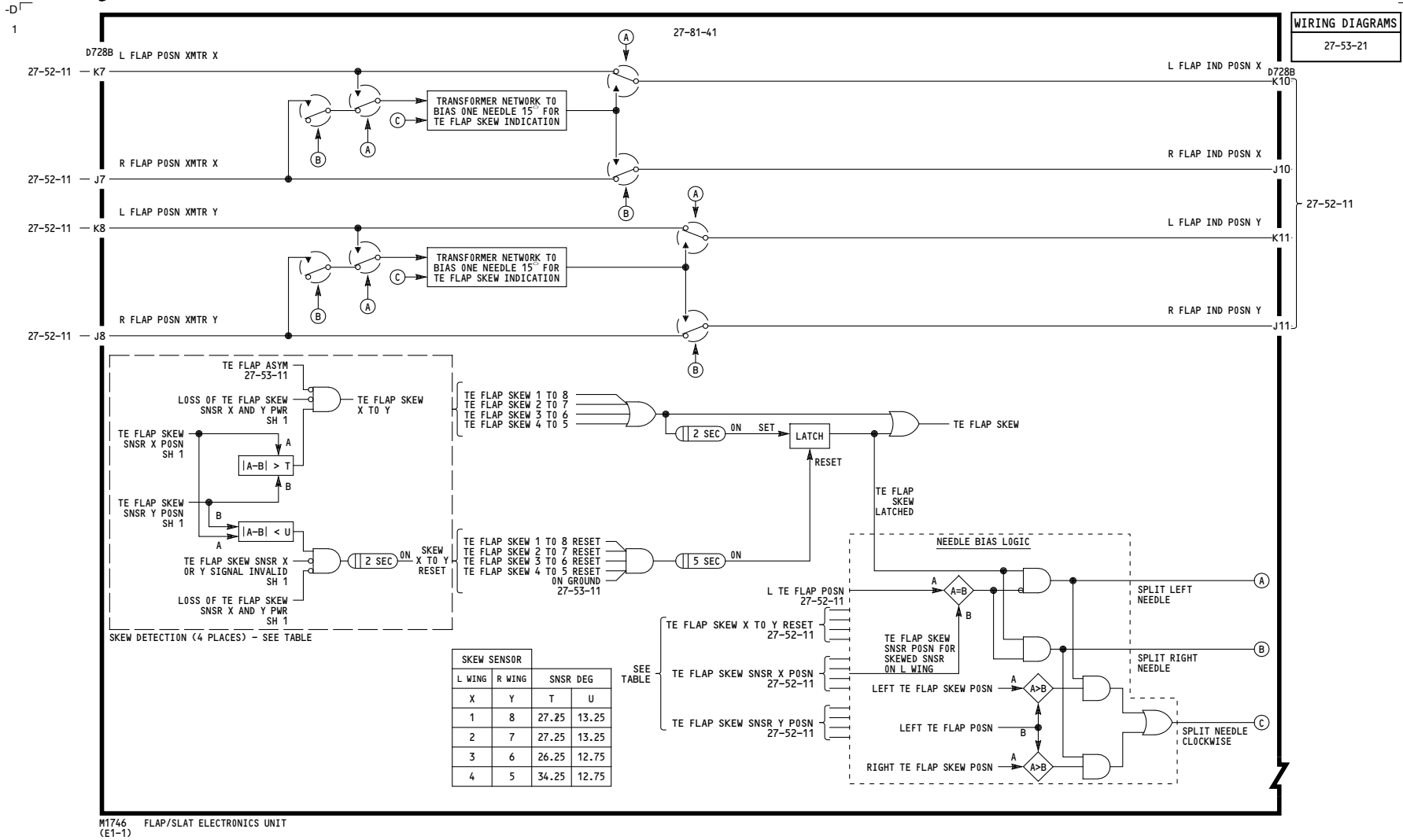
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WIRING DIAGRAMS
27-53-21



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ALL

TRAILING EDGE FLAP SKEW DETECTION

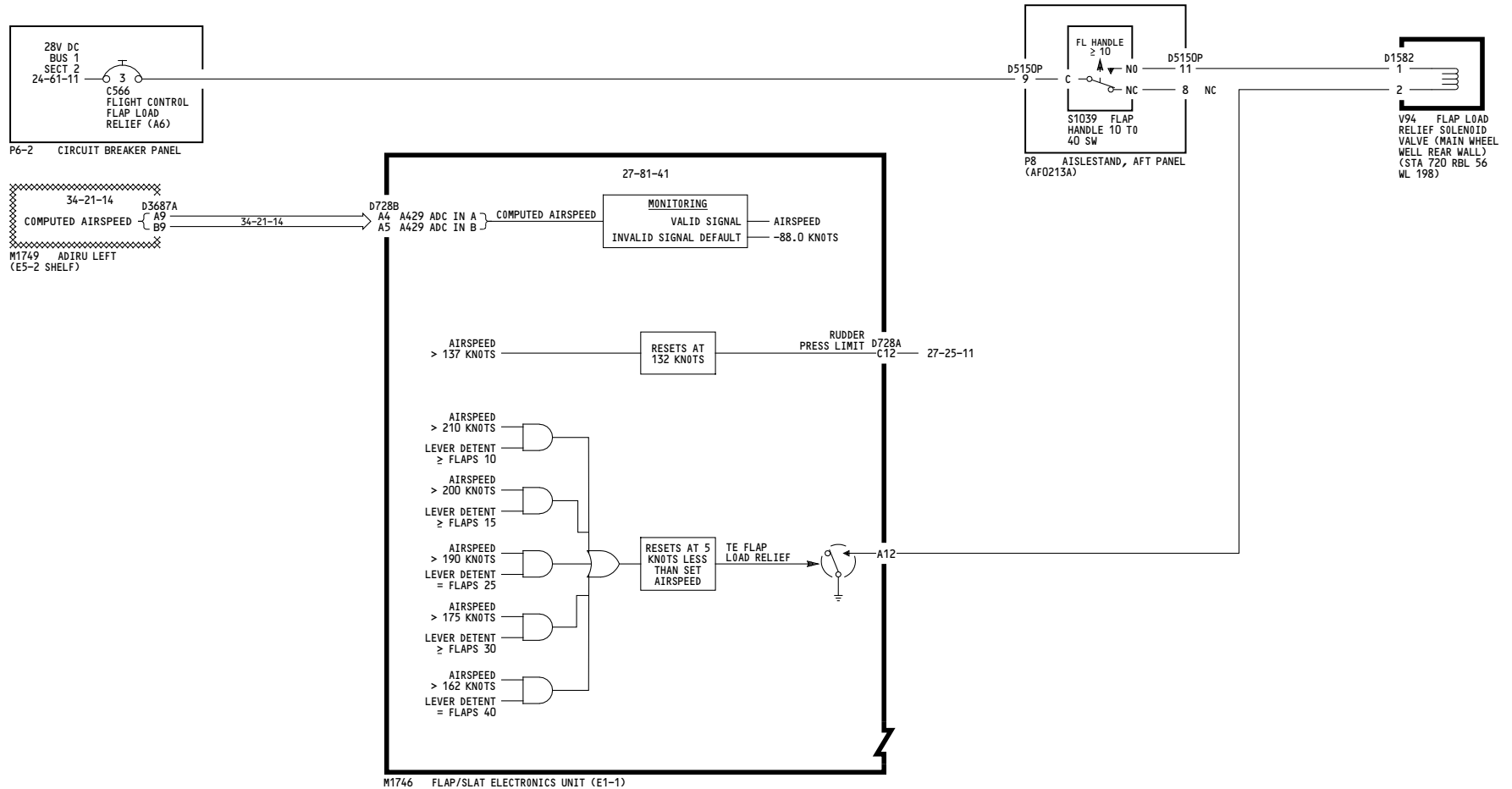
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27-53-21

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WIRING DIAGRAMS
27-54-11



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TE FLAP LOAD RELIEF

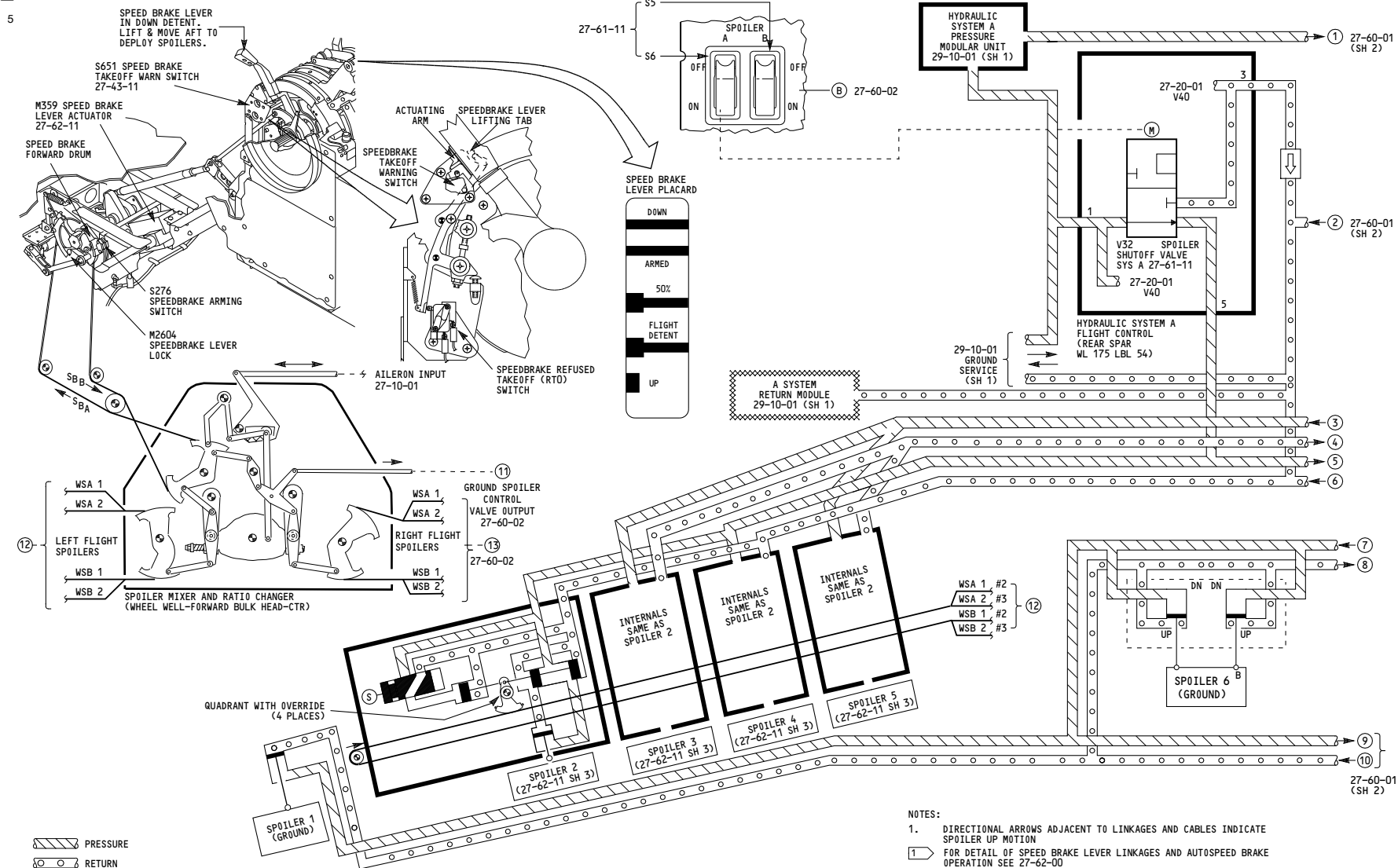
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YT101-YT105, YT119-YT120, YT132-YT133

FLIGHT CONTROL AND GROUND SPOILER

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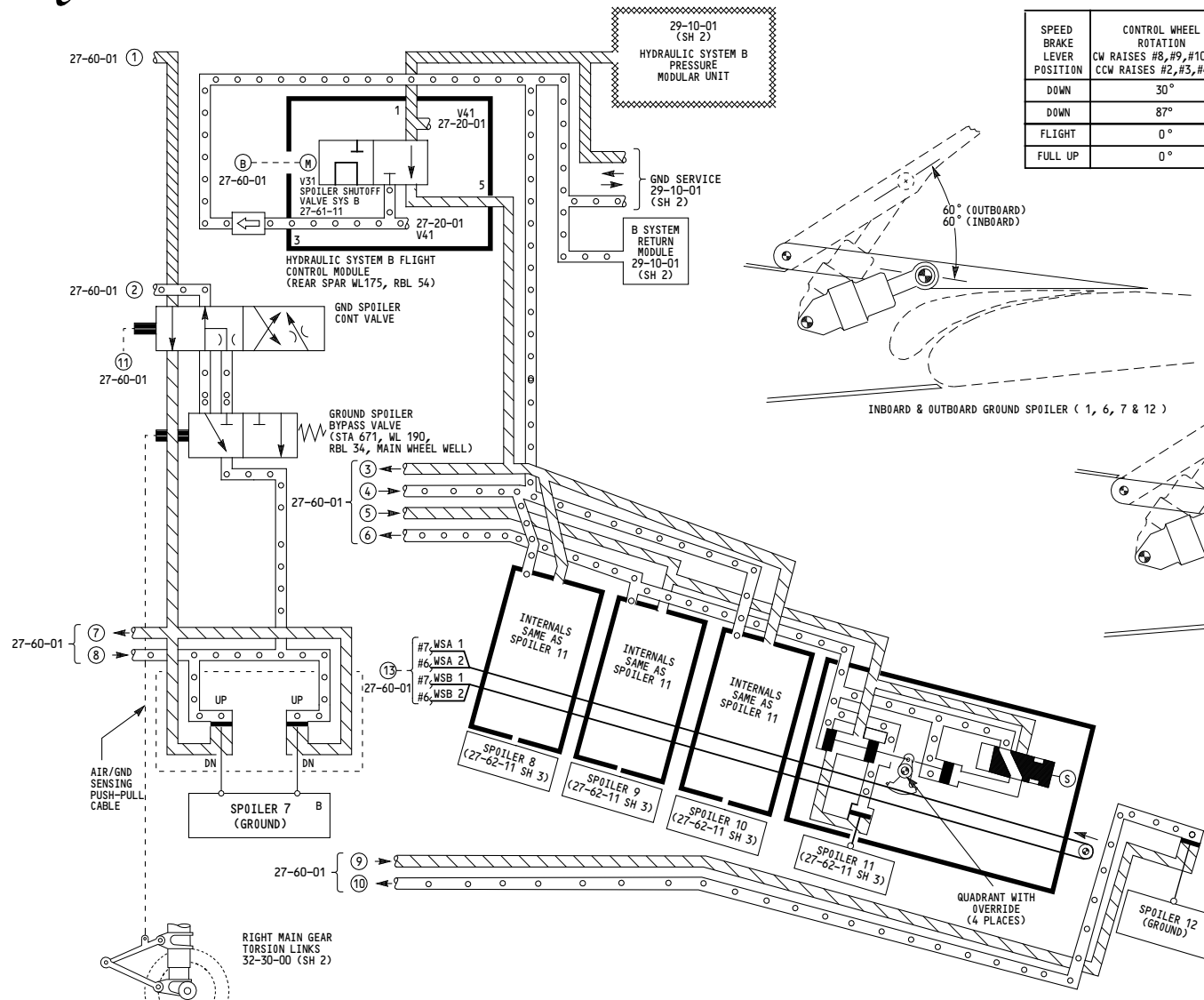
BOEING PROPRIETARY - Copyright © - Unpublished Work - See title page for details.

The diagram illustrates the spoiler travel for different flight conditions. It shows a cross-section of the spoiler mechanism with dashed lines indicating the travel path. The travel is defined by the angle of the spoiler relative to the horizontal. The table below provides the specific angles for each condition.

FLIGHT	0°	23°	18°	16°
FULL UP	0°	65°	56°	56°

INBOARD & OUTBOARD GROUND SPOILER (1, 6, 7 & 12)

FLIGHT SPOILER TRAVEL
(TYP SPOILERS 2,3,4,5,8,9,10,11)



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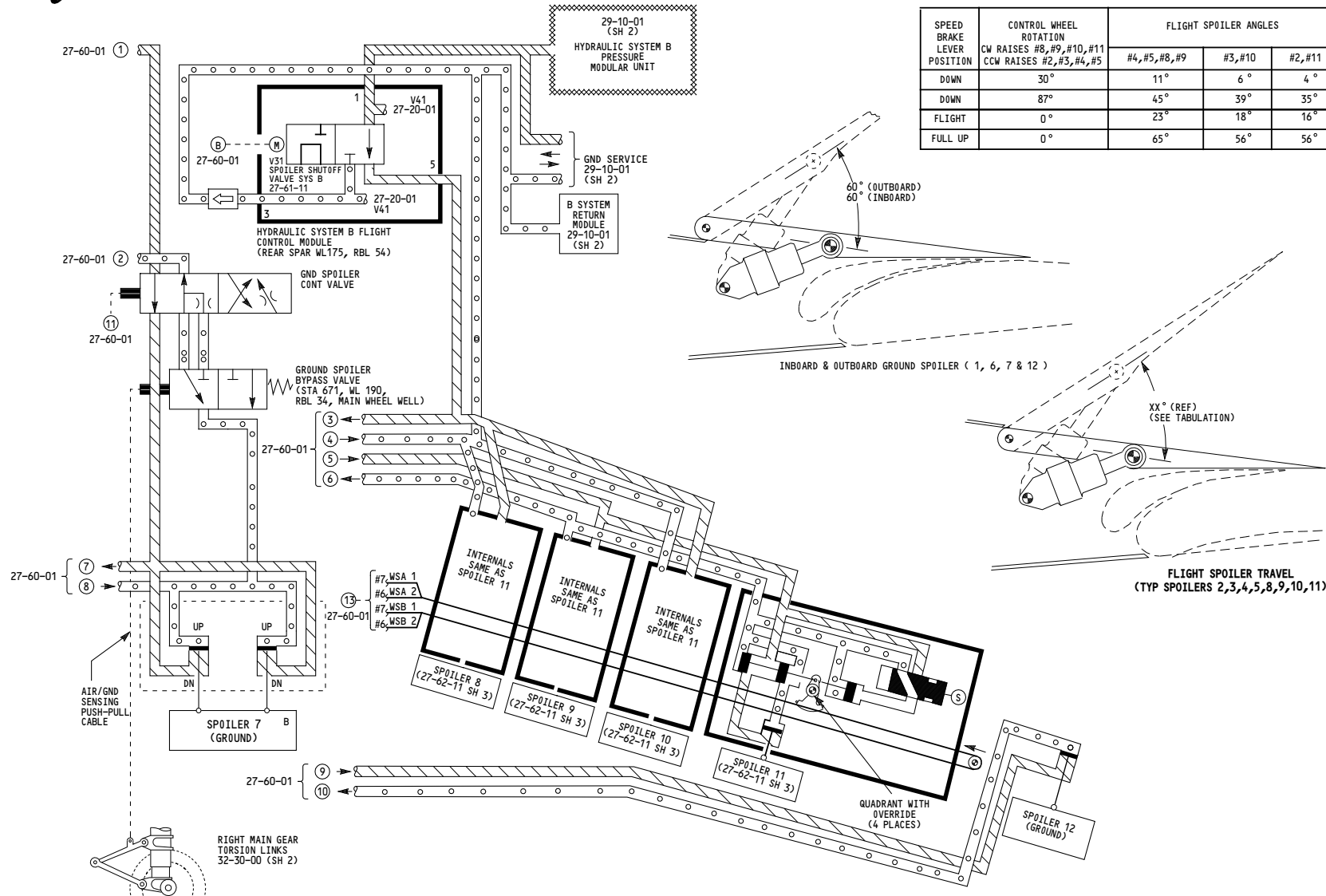
FLIGHT CONTROL AND GROUND SPOILER

27-60-01

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SPEED BRAKE LEVER POSITION	CONTROL WHEEL ROTATION CW RAISES #8,#9,#10,#11 CCW RAISES #2,#3,#4,#5	FLIGHT SPOILER ANGLES		
		#4,#5,#8,#9	#3,#10	#2,#11
DOWN	30°	11°	6°	4°
DOWN	87°	45°	39°	35°
FLIGHT	0°	23°	18°	16°
FULL UP	0°	65°	56°	56°



YT106-YT118, YT126-YT131

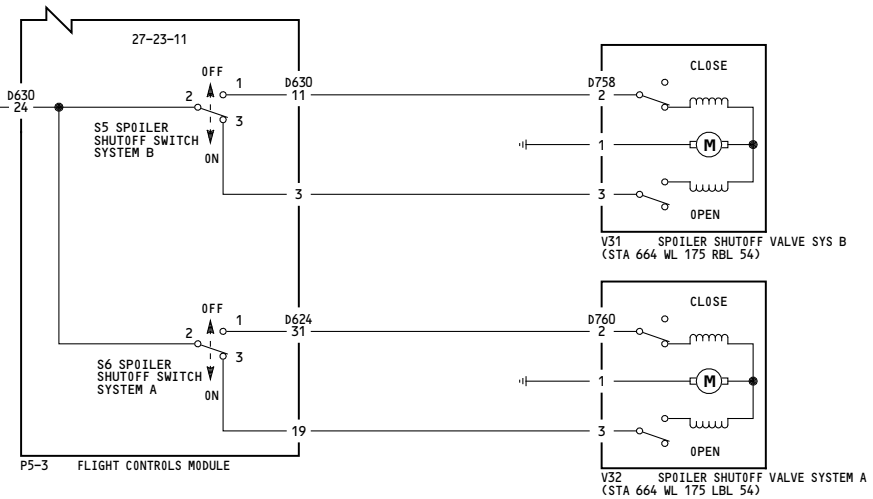
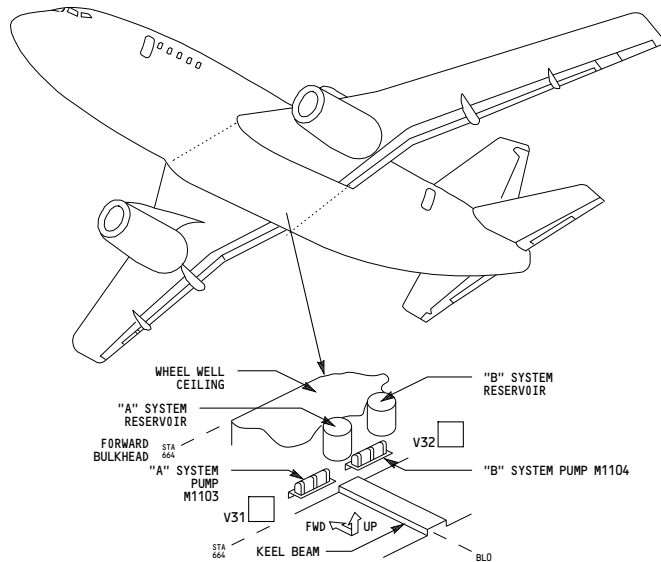
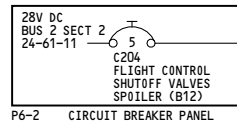
FLIGHT CONTROL AND GROUND SPOILER

D280A451

27-60-01

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ALL

SPOILER SHUTOFF VALVE

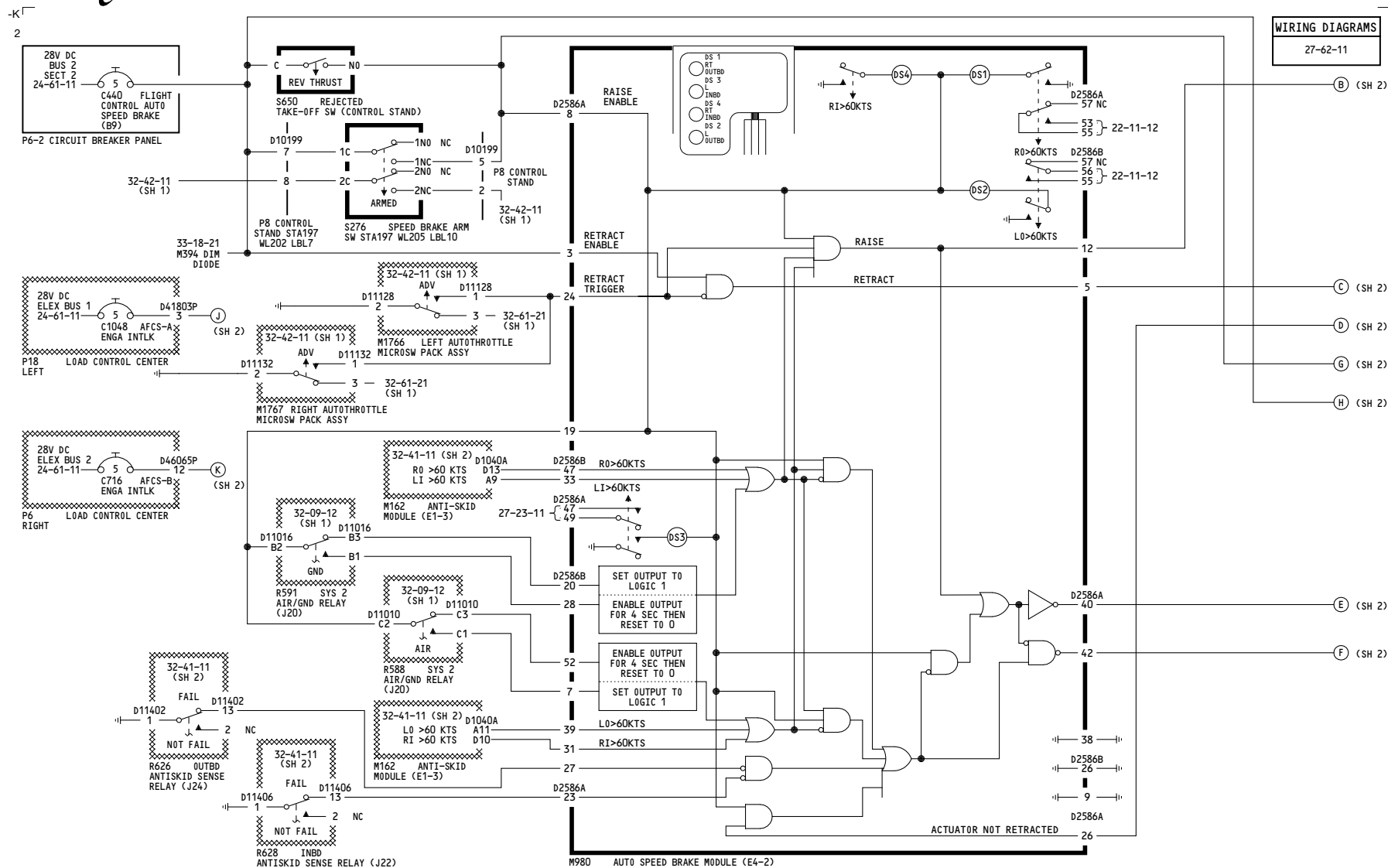
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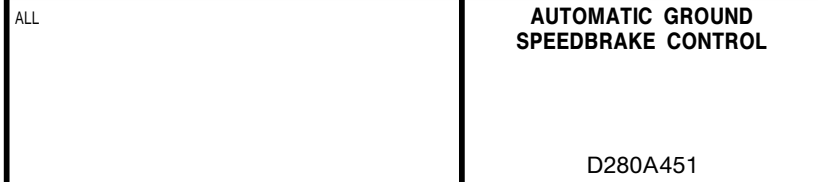
Jun 21/2016

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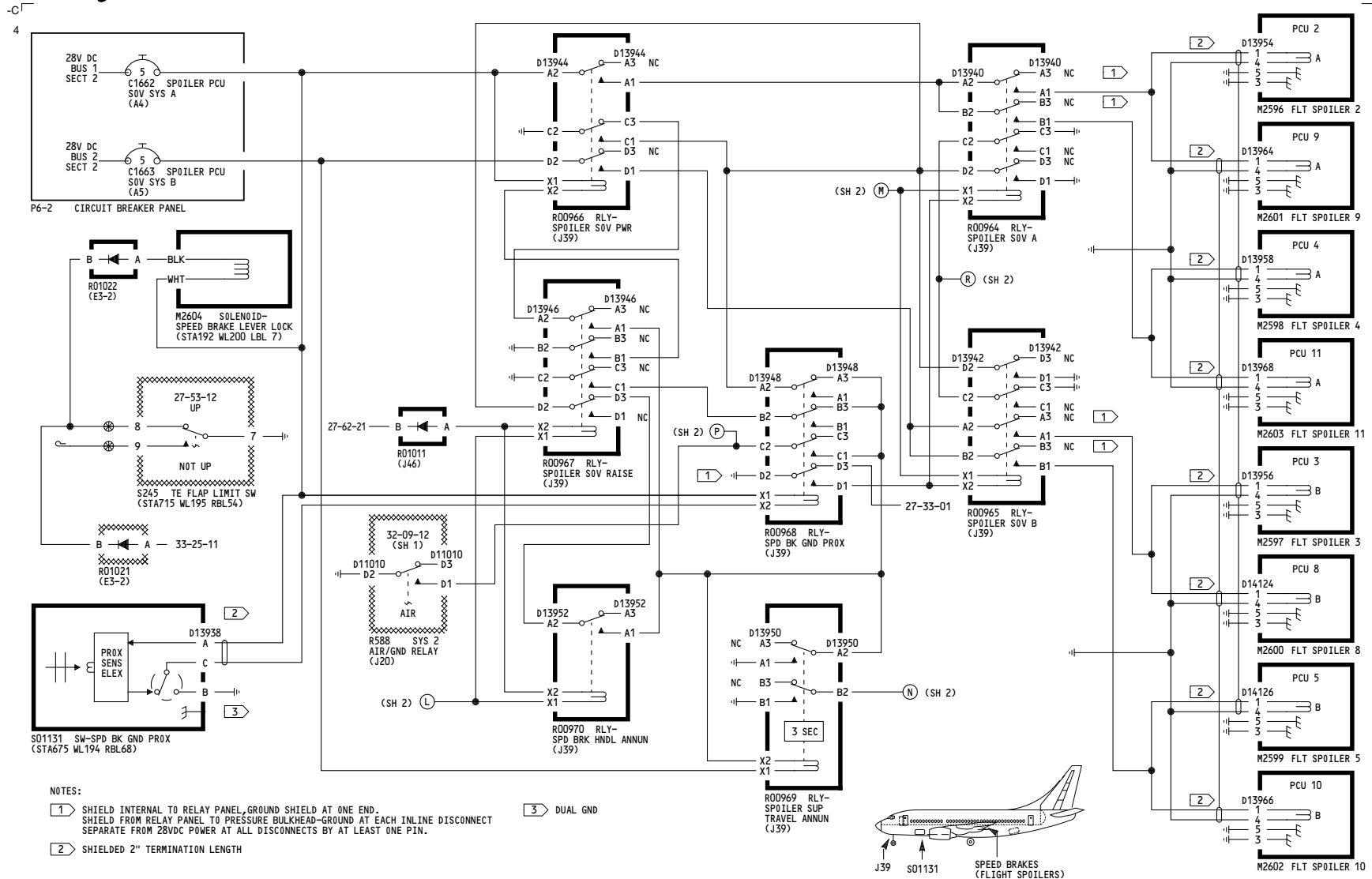
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27-62-11



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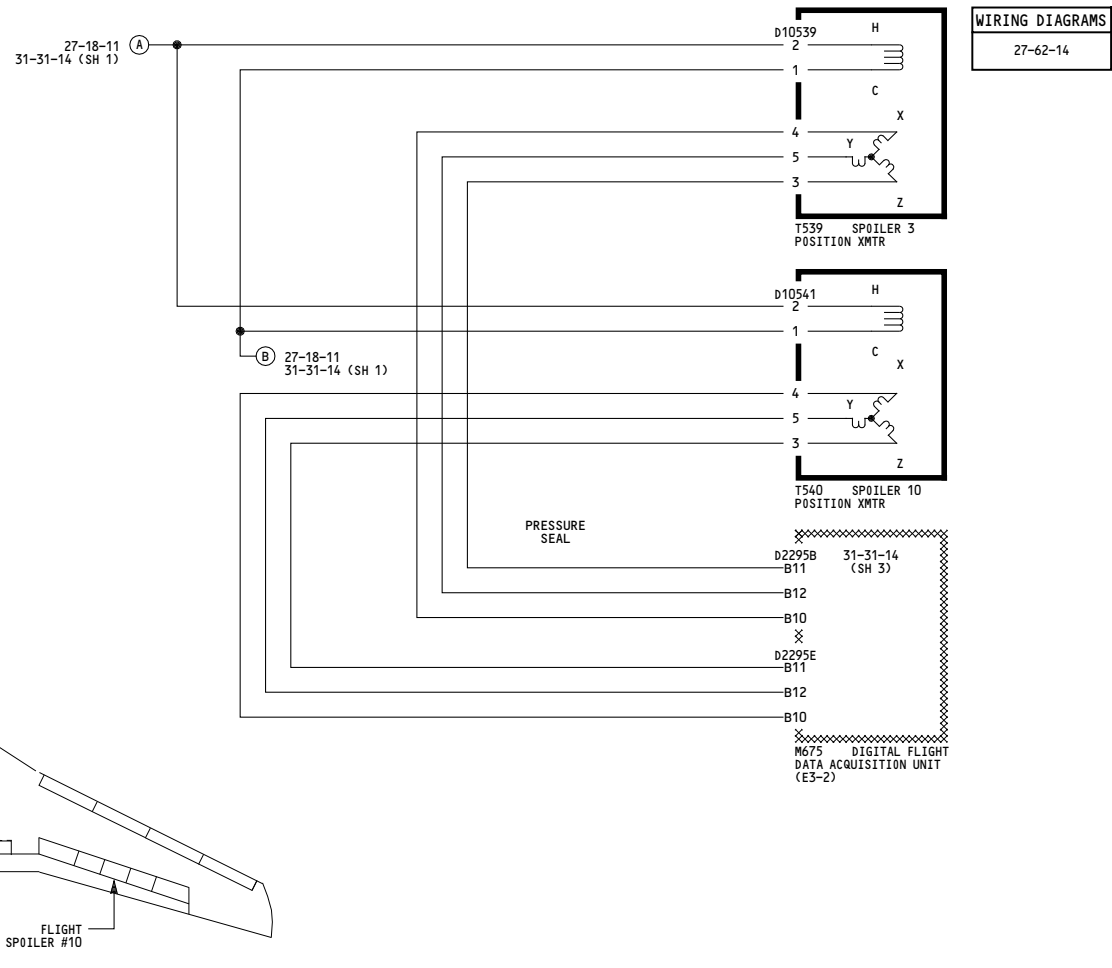
AUTOMATIC GROUND SPEEDBRAKE CONTROL

D280A451

27-62-11

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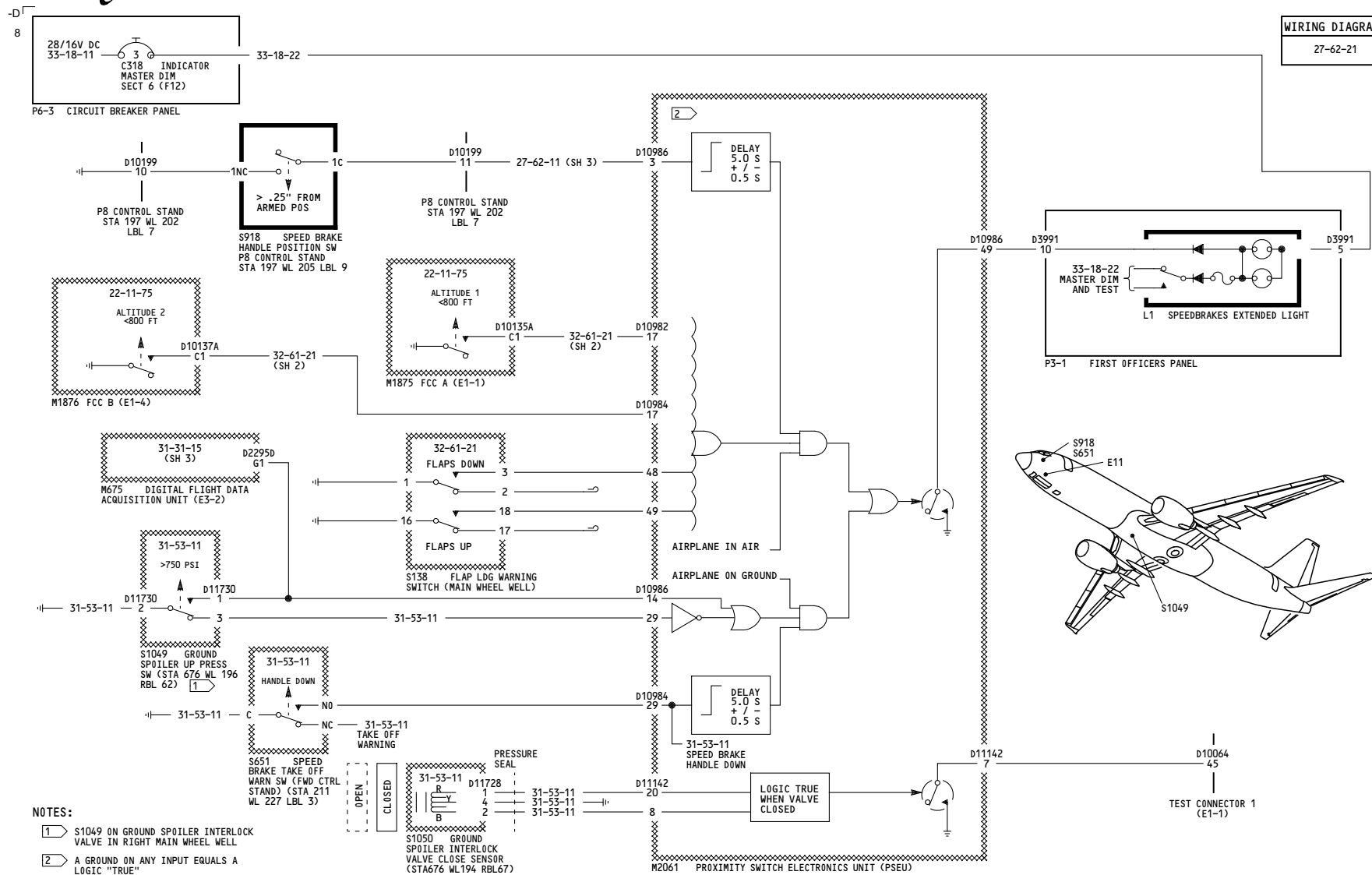


ALL	SPOILER POSITION INDICATION
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ALL

SPEEDBRAKE DEPLOYED INDICATION

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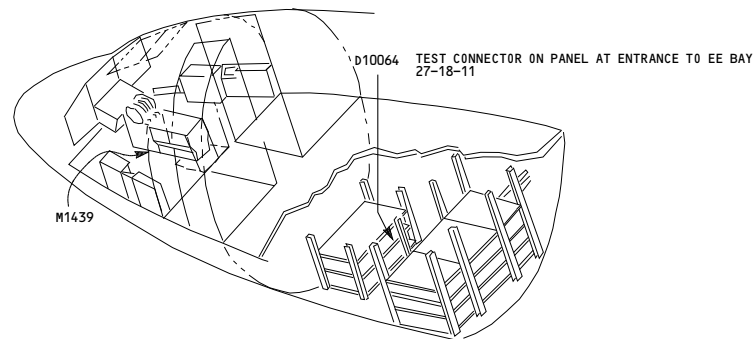
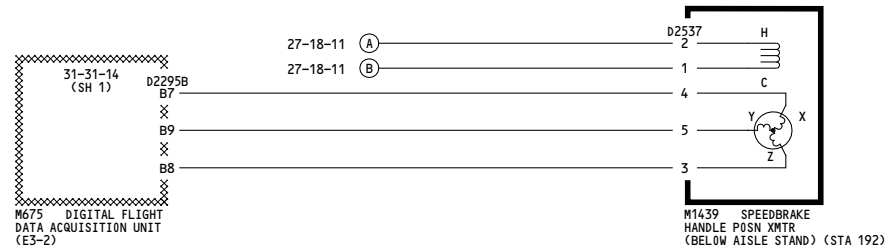
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WIRING DIAGRAMS
27-62-37

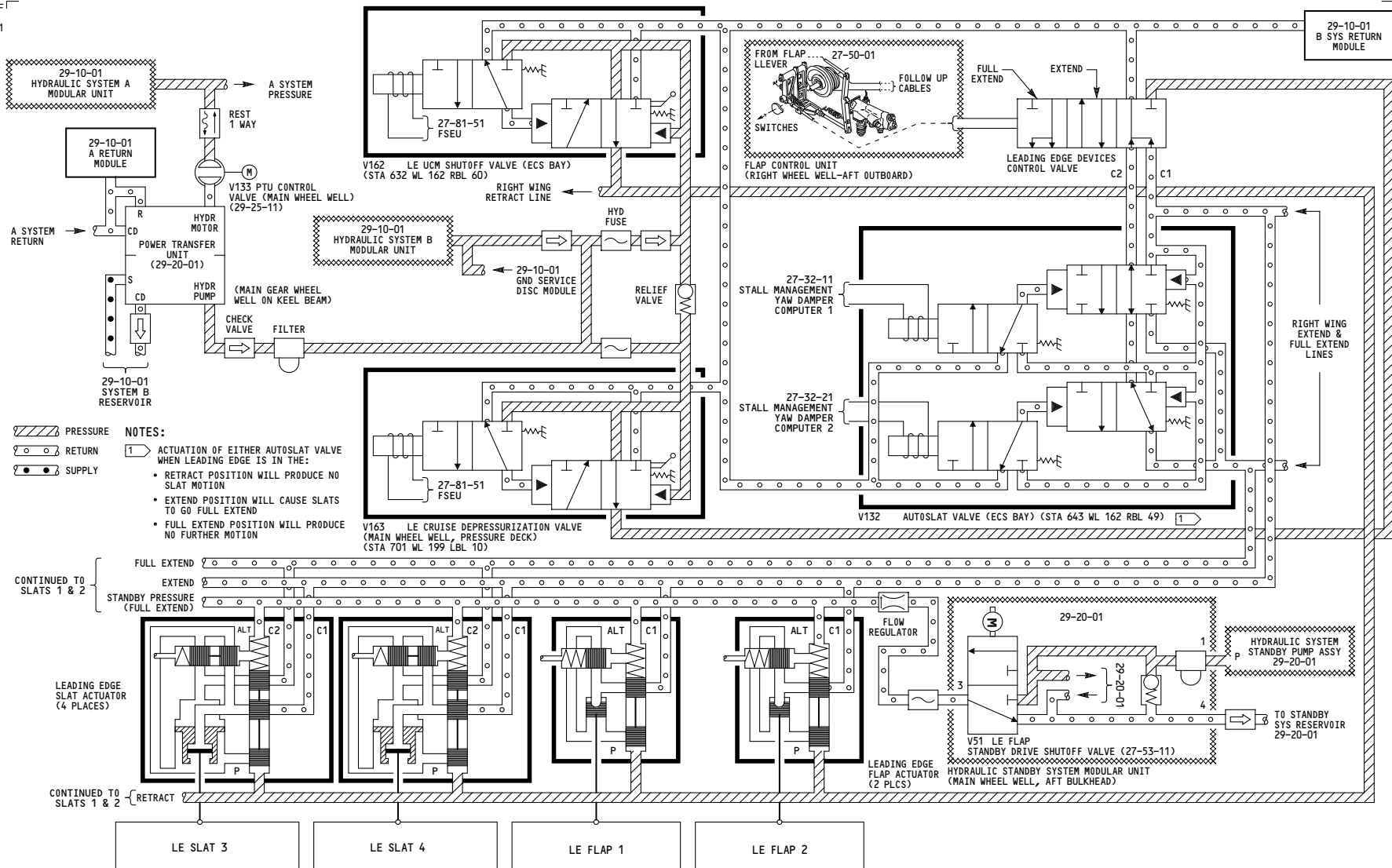


ALL	SPEEDBRAKE HANDLE POSITION INDICATION
	D280A451

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$$-F \sqrt{1}$$


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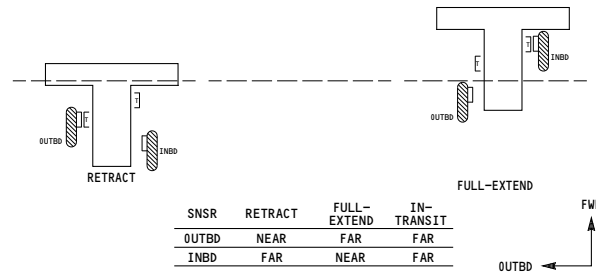
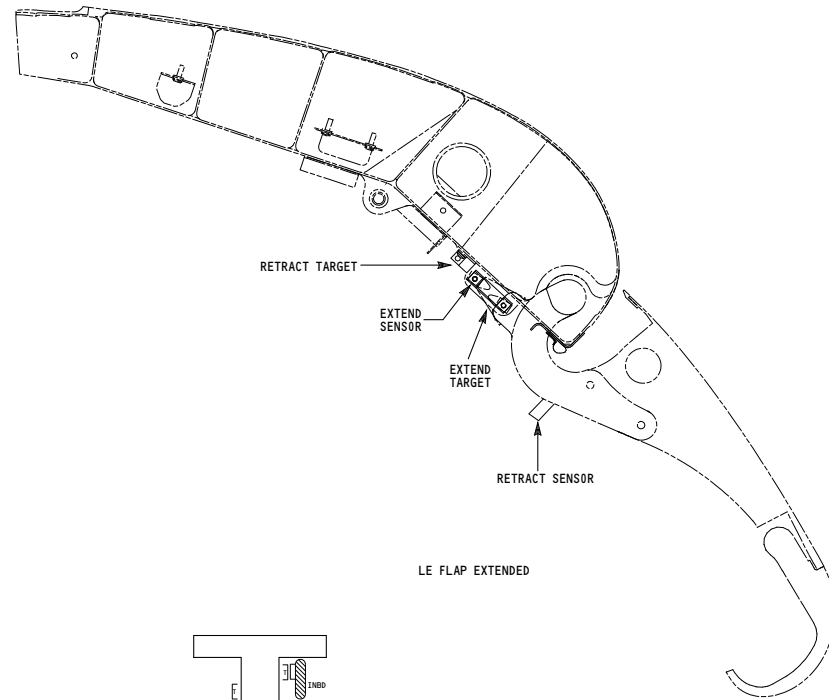
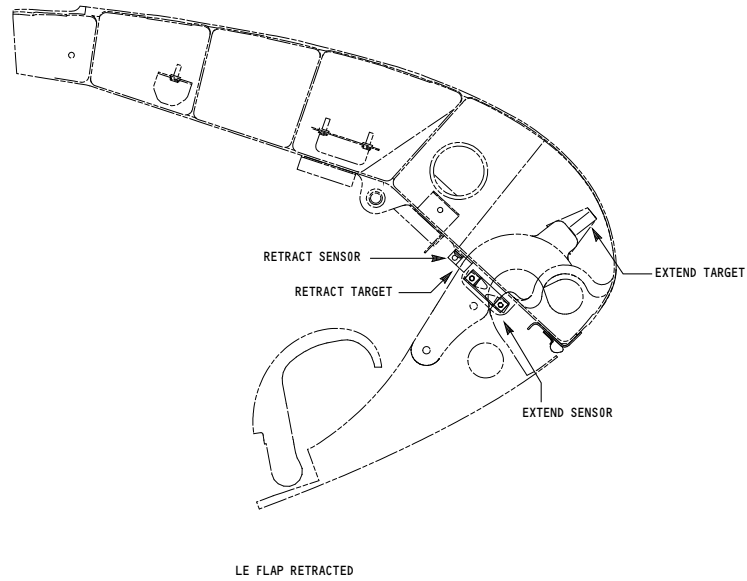
LEADING EDGE DRIVE AND INDICATION

D280A451

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1



LE FLAP INDICATION PROXIMITY SENSOR/TARGET ARRANGEMENT FOR FLAPS 1 & 2

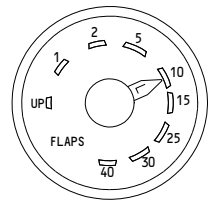
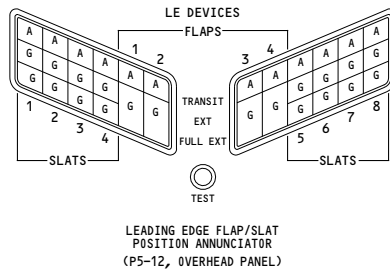
NOTE:
NORMAL LEADING EDGE DEVICES OPERATION IS
CONTROLLED BY THE TRAILING EDGE FLAP POSITION.
A. AS THE TRAILING FLAPS START TO RETRACT:
THE LEADING EDGE FLAPS WILL EXTEND

ALL	LEADING EDGE DRIVE AND INDICATION
	D280A451

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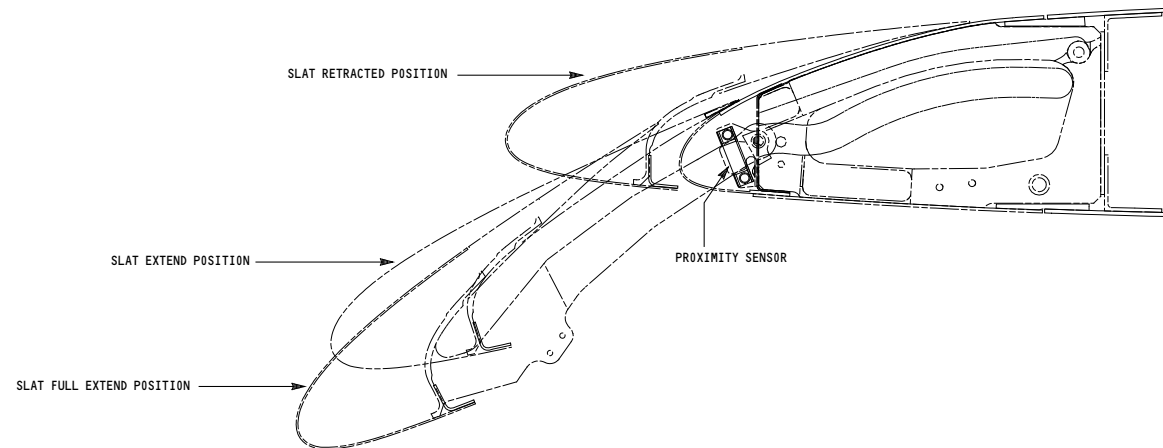
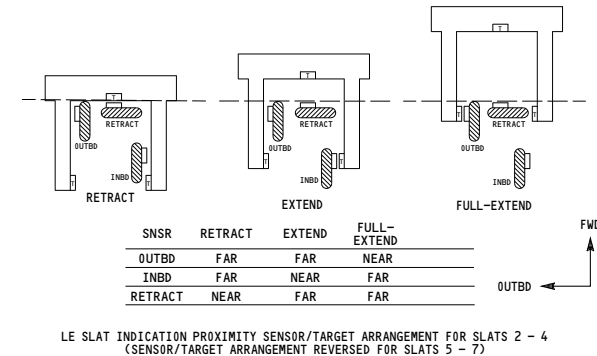
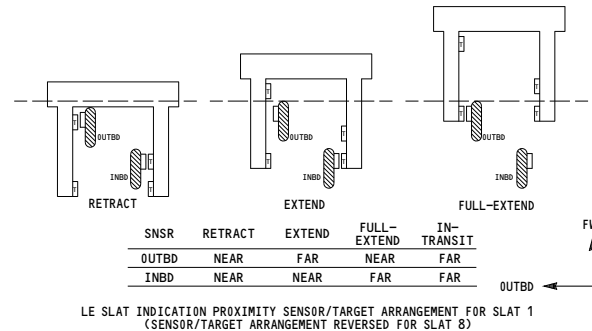
LE FLAPS TRANSIT	LE FLAPS EXT
27-52-11	27-81-31

TE FLAP POSITION INDICATOR
CENTER INSTRUMENT PANEL (P2-2)
27-52-11
27-81-31

NOTE:

NORMAL LEADING EDGE DEVICES OPERATION IS
CONTROLLED BY THE TRAILING EDGE FLAP POSITION.

- AS THE TRAILING EDGE FLAPS REACH 17% OF STROKE TO THE RETRACT POSITION:
THE LEADING EDGE FLAPS WILL FULLY EXTEND
THE LEADING EDGE SLATS WILL EXTEND
 - AS THE TRAILING EDGE FLAPS LEAVE THE "5" POSITION:
THE LEADING EDGE SLATS WILL GO TO THE FULL EXTEND POSITION.
- THIS SEQUENCE IS REVERSED UPON RETRACTION.



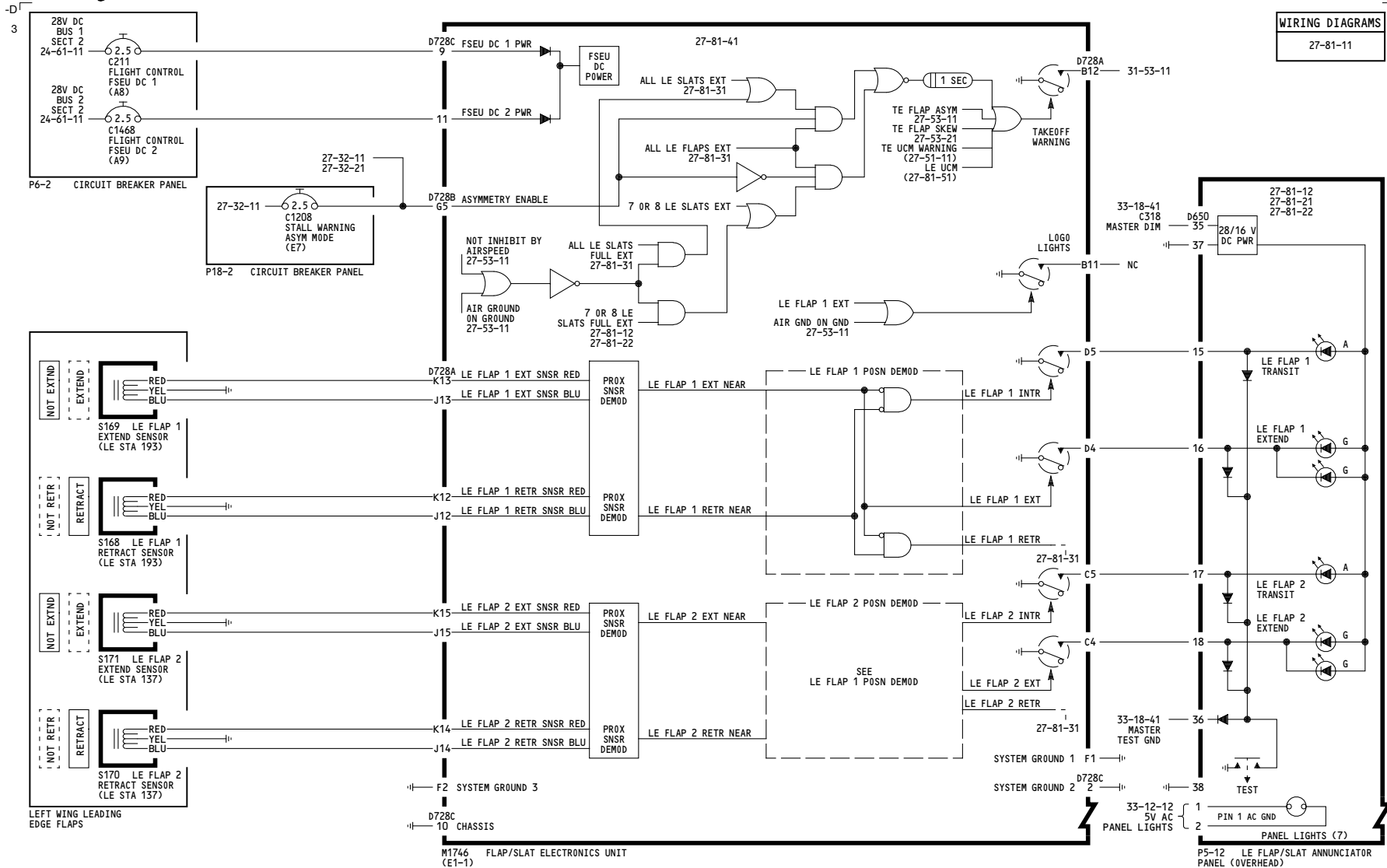
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**LEADING EDGE DRIVE
AND INDICATION**

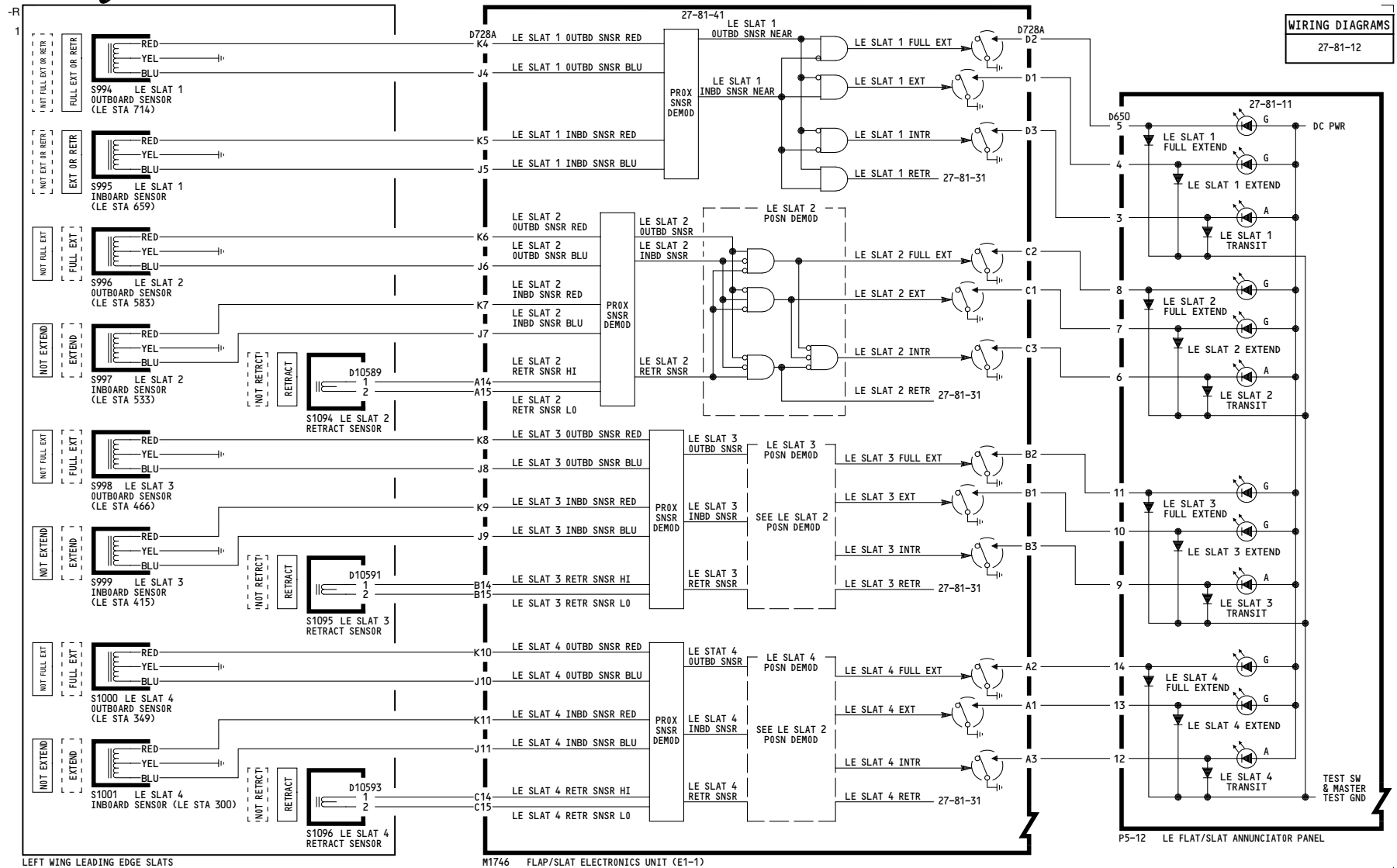
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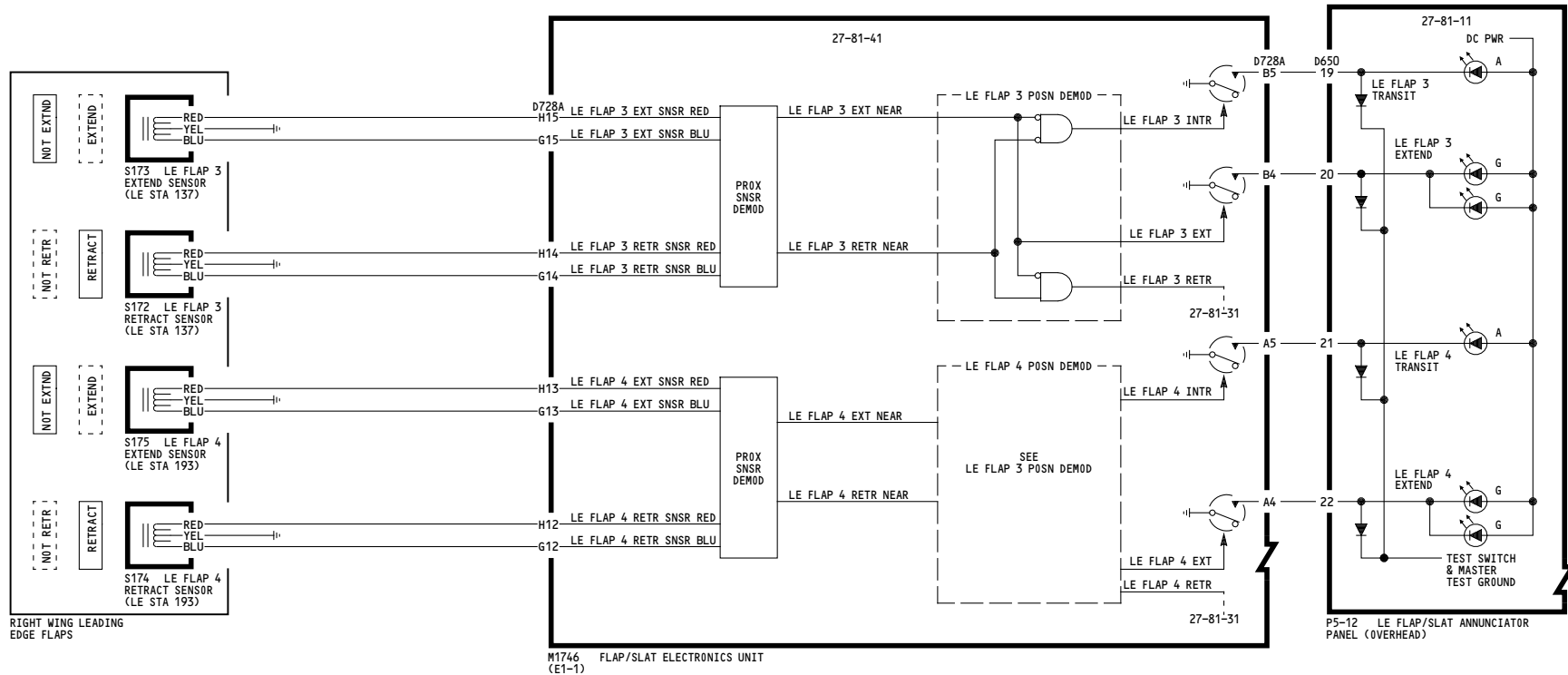
LEFT LEADING EDGE SLAT POSITION INDICATION

D280A451

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ALL

**RIGHT LEADING EDGE FLAP
POSITION INDICATION**

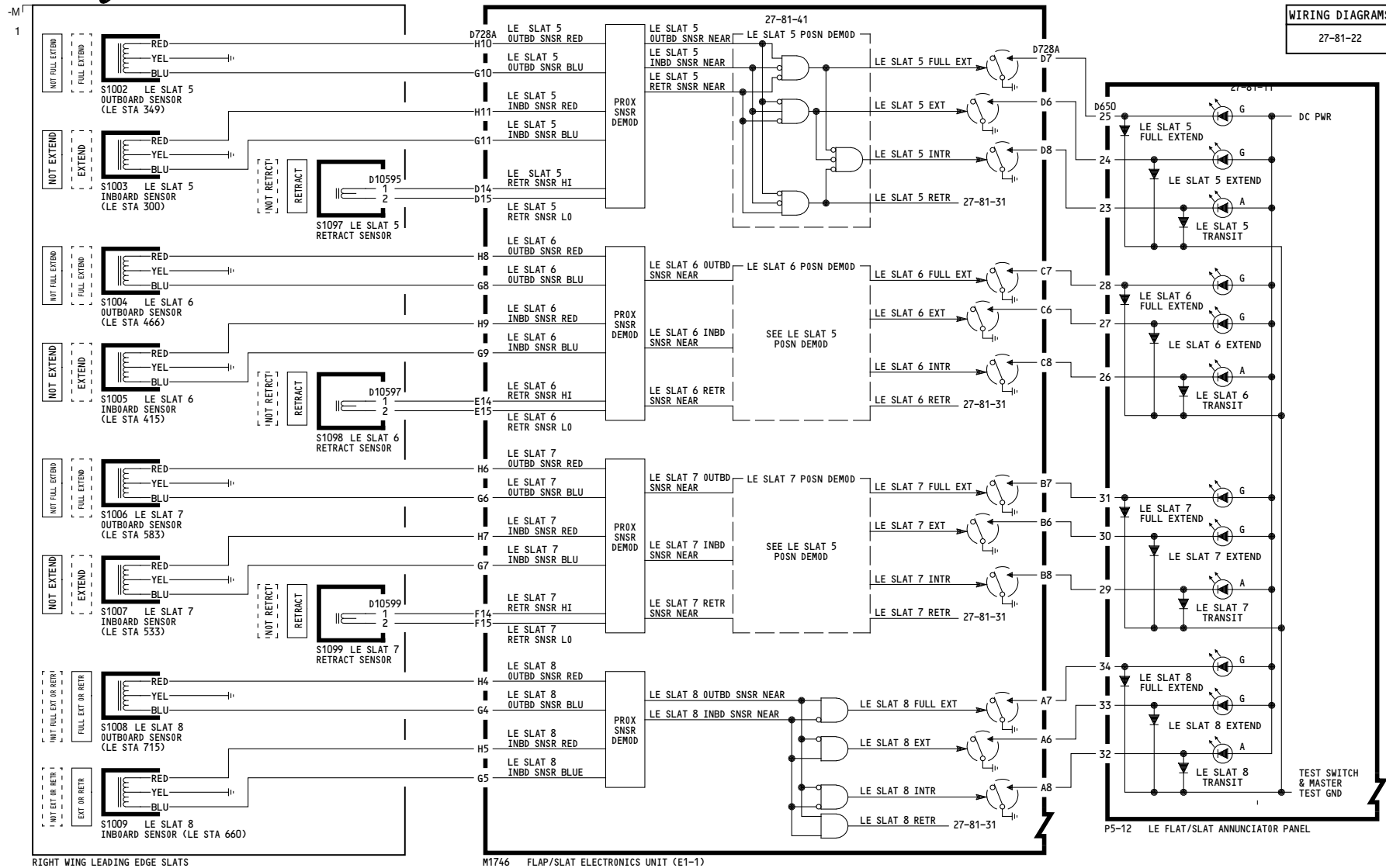
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WIRING DIAGRAMS



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RIGHT LEADING EDGE SLAT POSITION INDICATION

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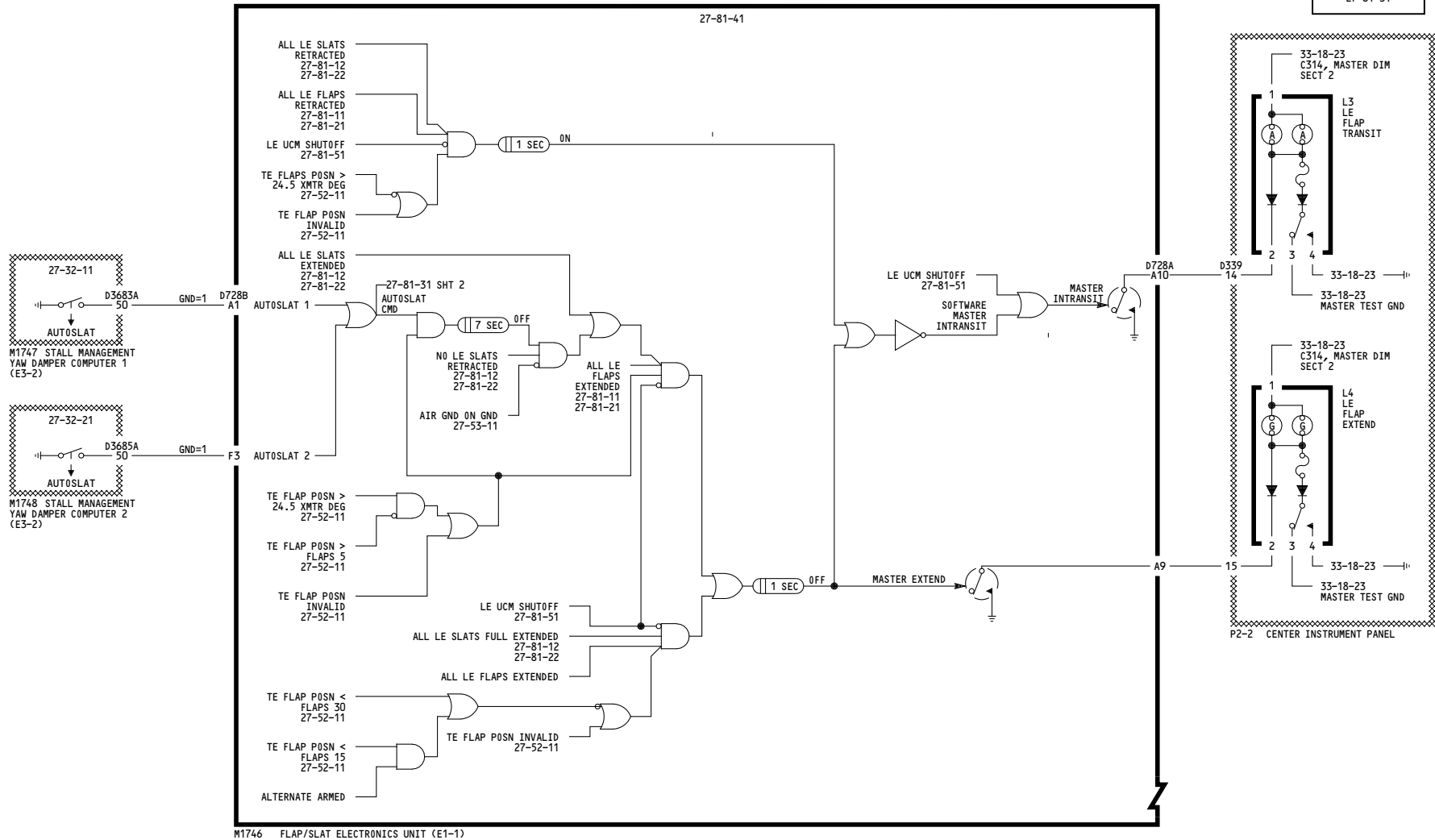
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WIRING DIAGRAMS
27-81-31



ALL

**LEADING EDGE FLAPS AND
SLATS MASTER INDICATION**

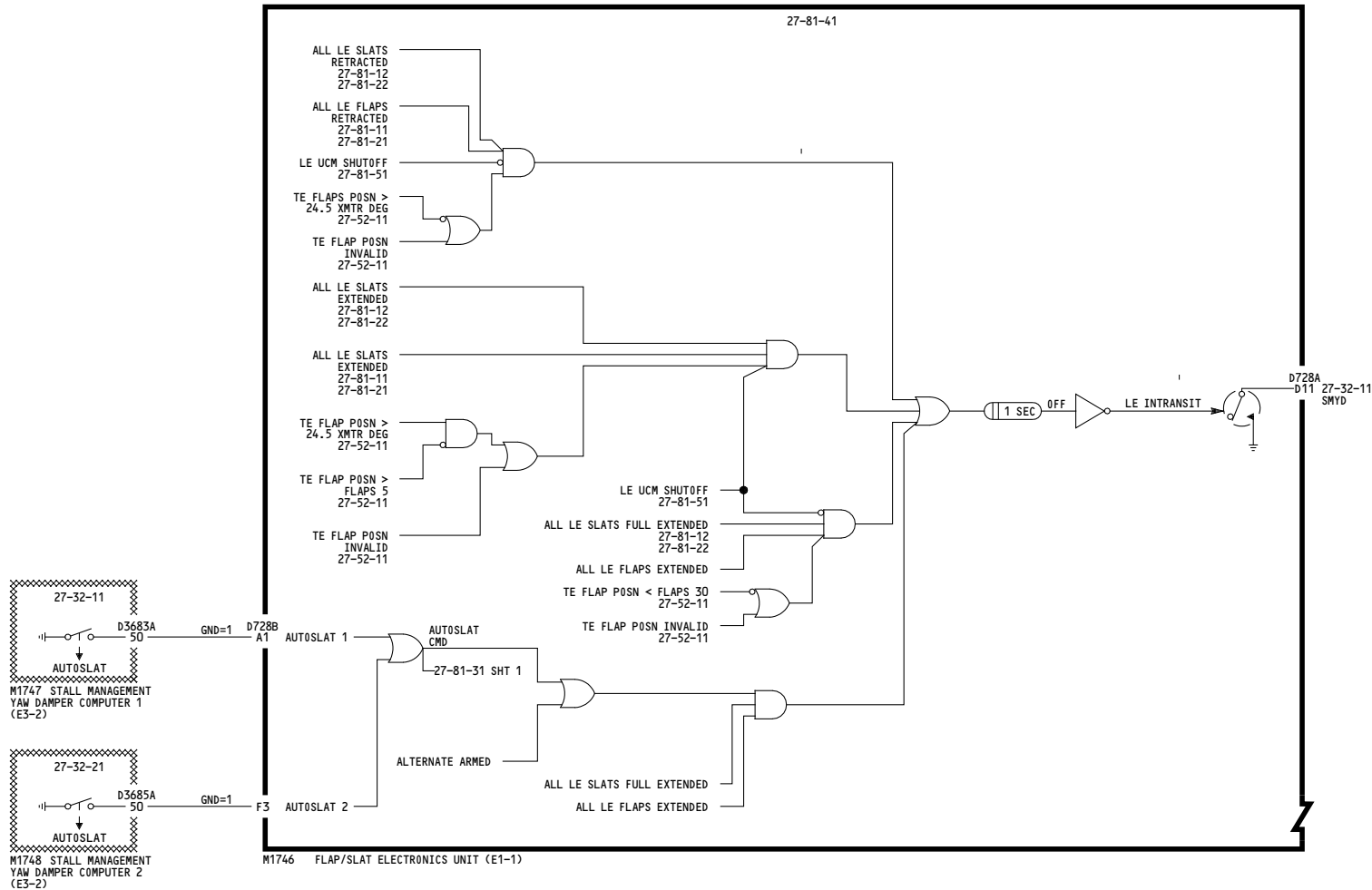
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1

WIRING DIAGRAMS
27-81-31



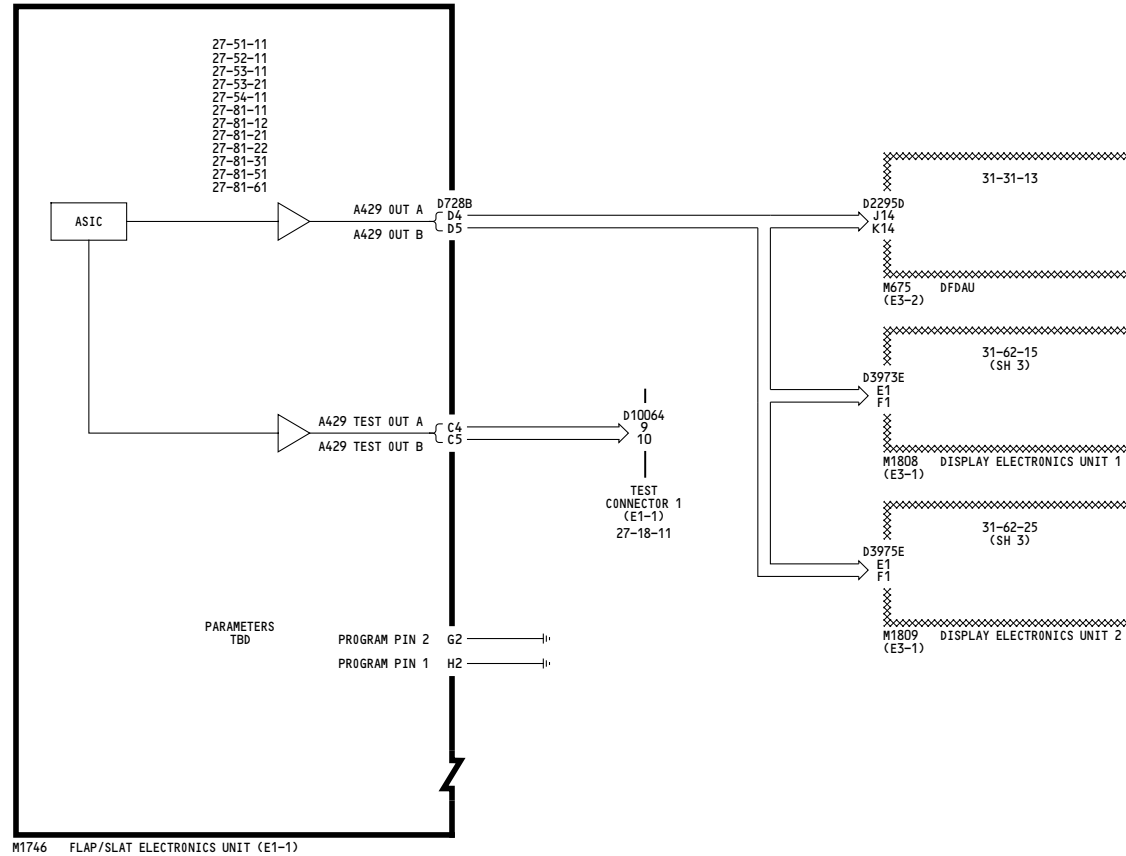
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**LEADING EDGE FLAPS AND
SLATS MASTER INDICATION**

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ALL

**DFDAU AND TEST
CONNECTOR INTERFACE**

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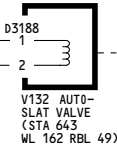
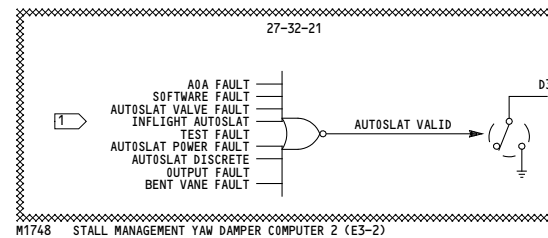


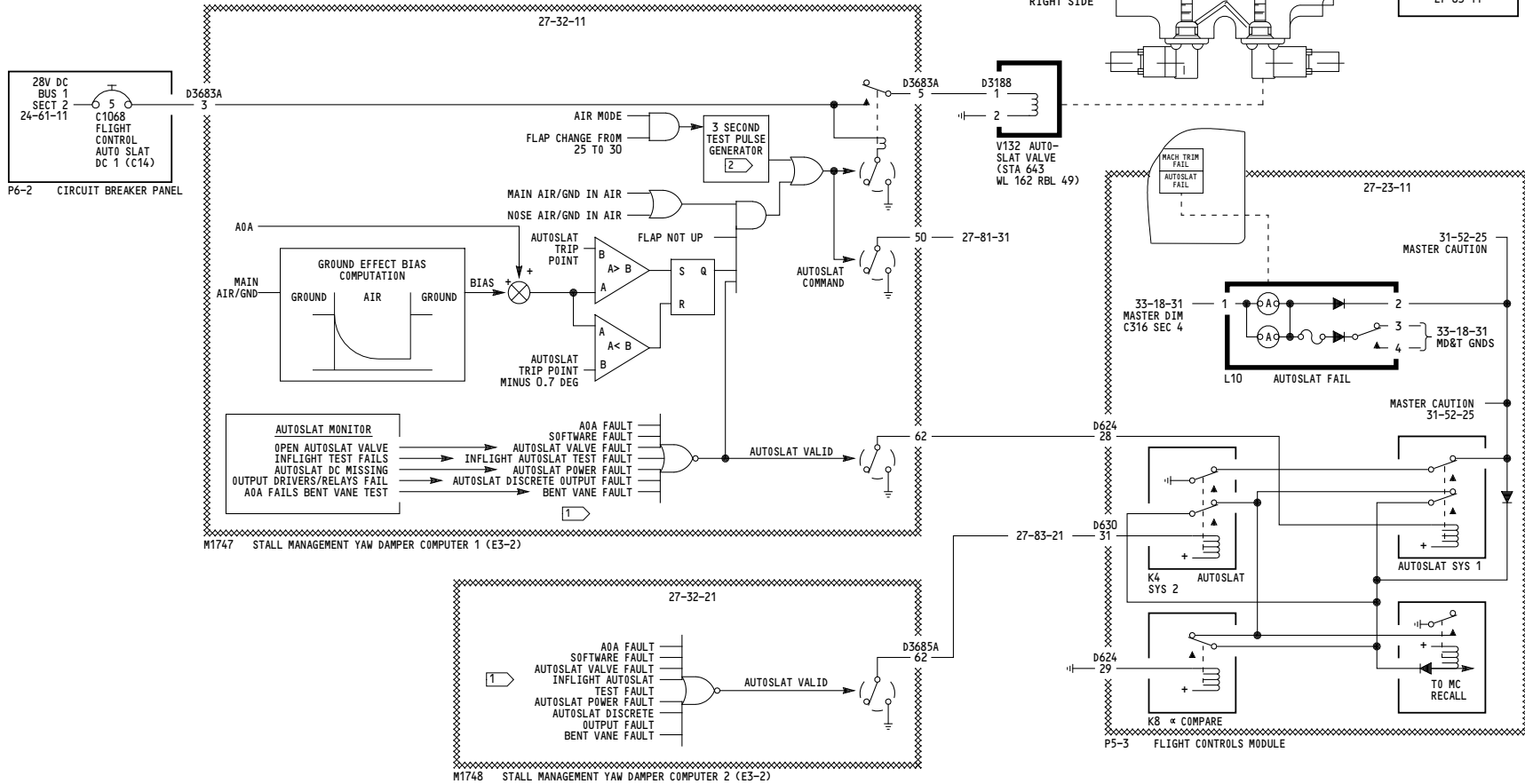
AC PACK BA
RIGHT SIDE

28V DC
BUS 1
SECT 2
24-61-11

C1068
FLIGHT
CONTROL
AUTO SLAT
DC 1 (C14)

P6-2 CIRCUIT BREAKER PANEL





YT106-YT133

AUTOSLAT SYSTEM NO. 1

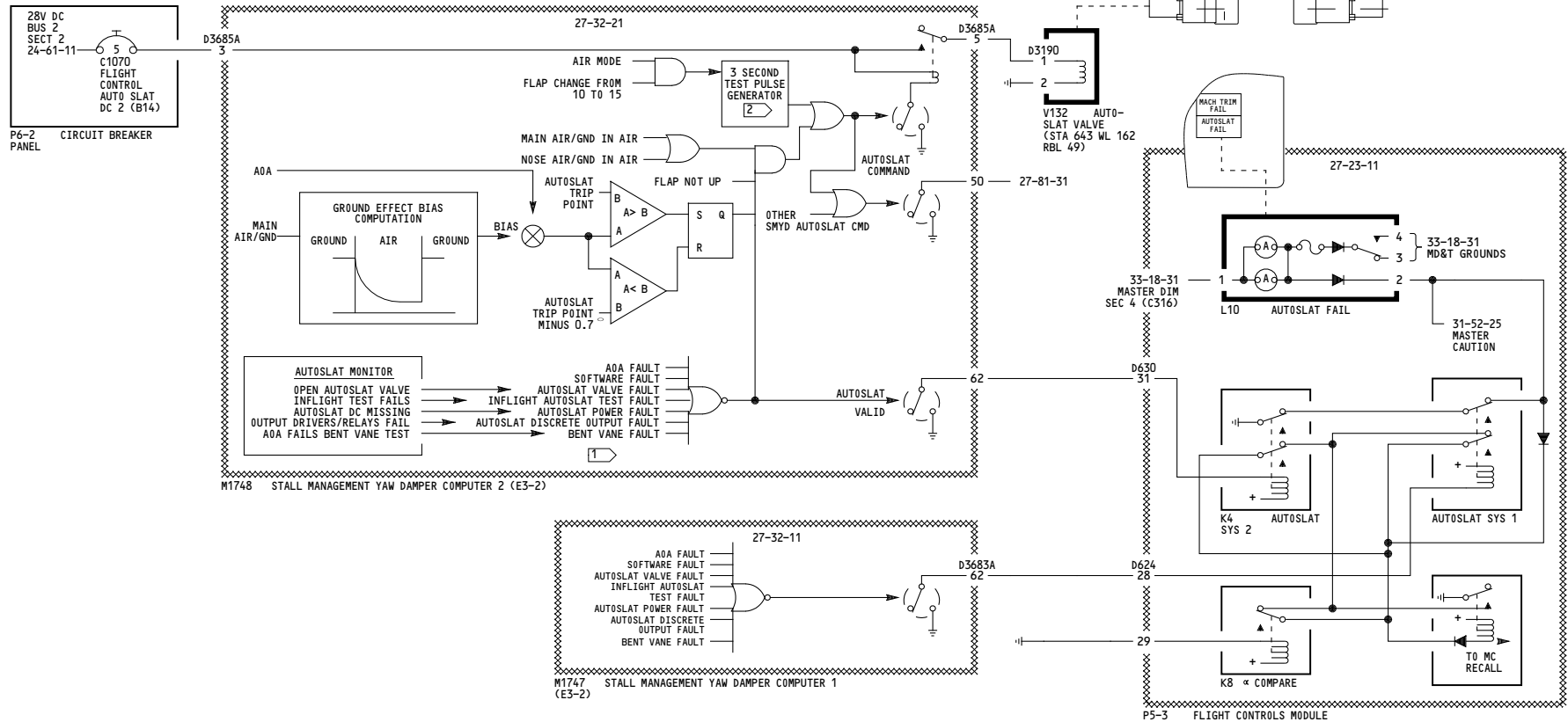
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1



NOTES:

- 1 INFLIGHT AUTOSLAT TEST FAULT AND BENT VANE FAULT ARE LATCHED IN NVRAM. USE CLEAR AND RETEST MENU OF BITE TO CLEAR THE LATCHES.
- 2 INFLIGHT AUTOSLAT TEST PULSE THIS TRIGGERS THE INFLIGHT TEST DURING WHICH AUTOSLAT DISCRETE OUTPUT CIRCUITRY IS CHECKED. FAILURE WILL SET "INFLIGHT AUTOSLAT TEST FAULT."

YT101-YT105

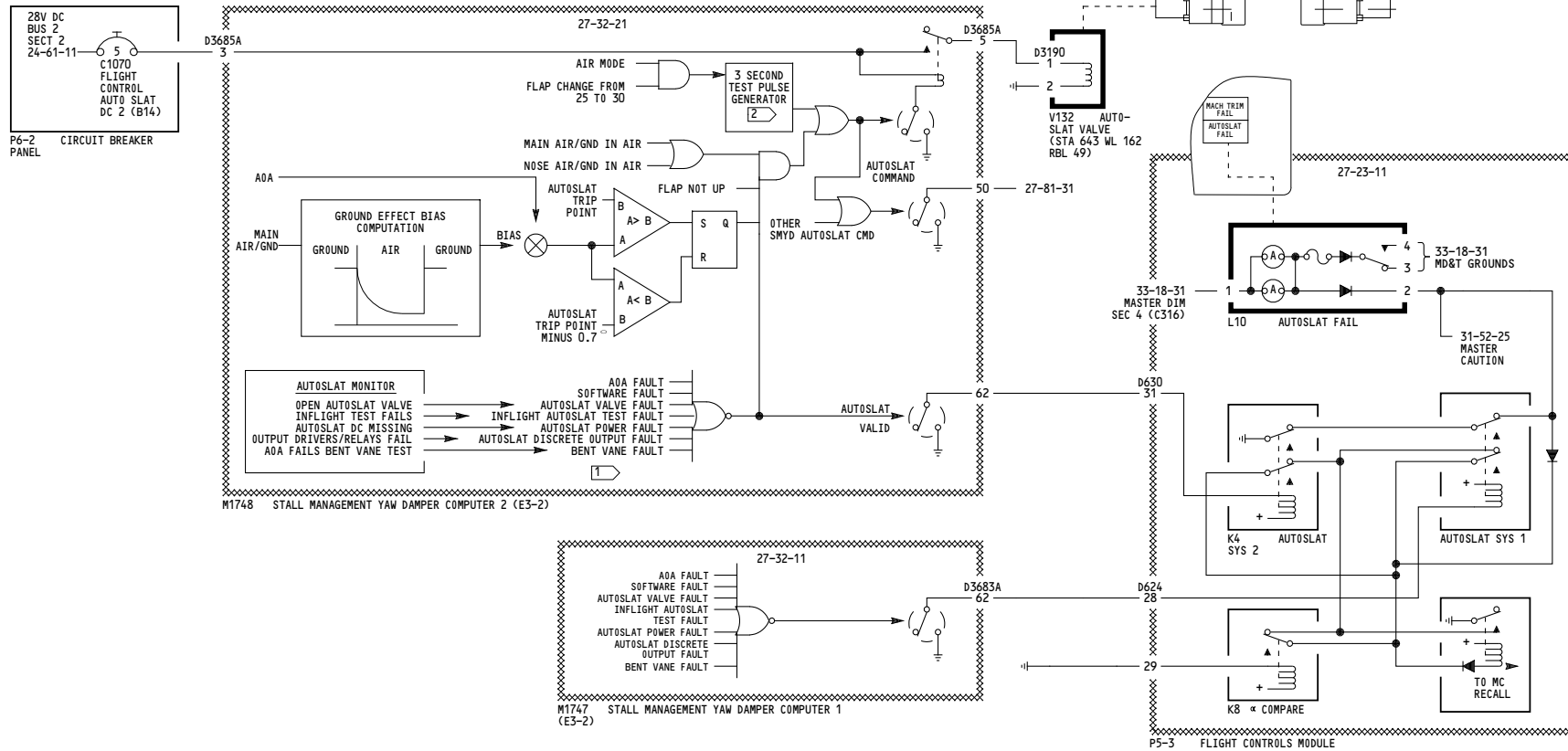
AUTOSLAT SYSTEM NO. 2

D280A451

27-83-21

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Feb 17/2015



NOTES:

- 1 INFLIGHT AUTOSLAT TEST FAULT AND BENT VANE FAULT ARE LATCHED IN NVRAM. USE CLEAR AND RETEST MENU OF BITE TO CLEAR THE LATCHES.
- 2 INFLIGHT AUTOSLAT TEST PULSE THIS TRIGGERS THE INFLIGHT TEST DURING WHICH AUTOSLAT DISCRETE OUTPUT CIRCUITRY IS CHECKED. FAILURE WILL SET "INFLIGHT AUTOSLAT TEST FAULT."

YT106-YT133

AUTOSLAT SYSTEM NO. 2

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