

**CHAPTER**

**29**

**HYDRAULIC POWER**

CHAPTER 29  
HYDRAULIC POWER

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

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I					2	Jun 21/2016	ALL
	<b><u>HYDRAULIC SYSTEMS A AND B</u></b>						
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	<b><u>HYDRAULIC PRESSURE INDICATION SYSTEM</u></b>						
I	STANDBY HYDRAULIC SYSTEM LOW PRESSURE LIGHTS	29-35-11		101		Jun 21/2016	ALL

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29-35-11	STANDBY HYDRAULIC SYSTEM LOW PRESSURE LIGHTS

CH-SC-SU	Title

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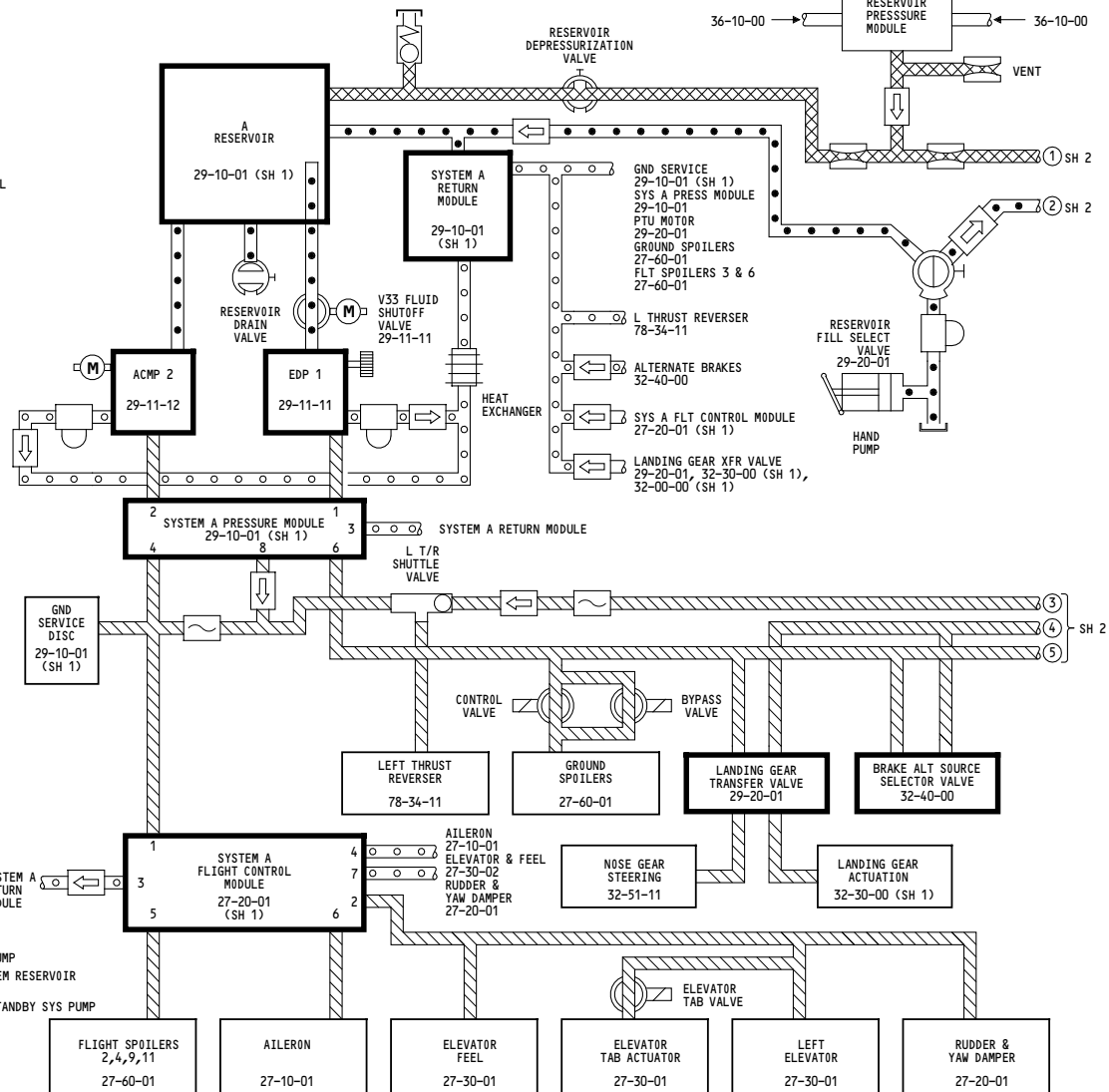
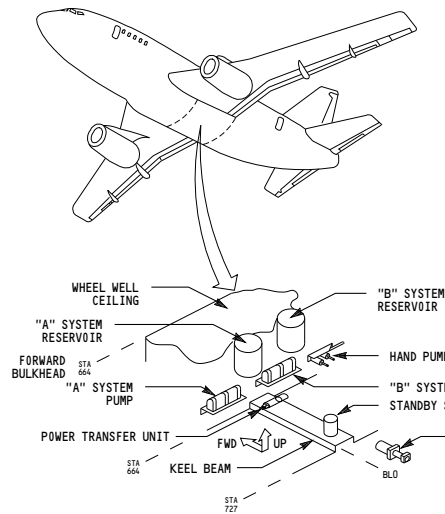
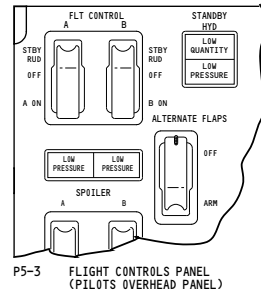
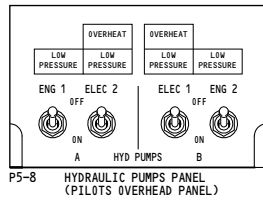
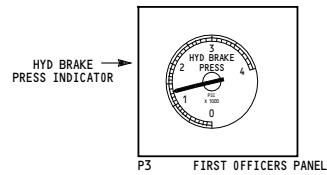
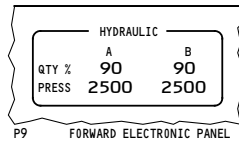
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## 737-800 SYSTEM SCHEMATIC MANUAL

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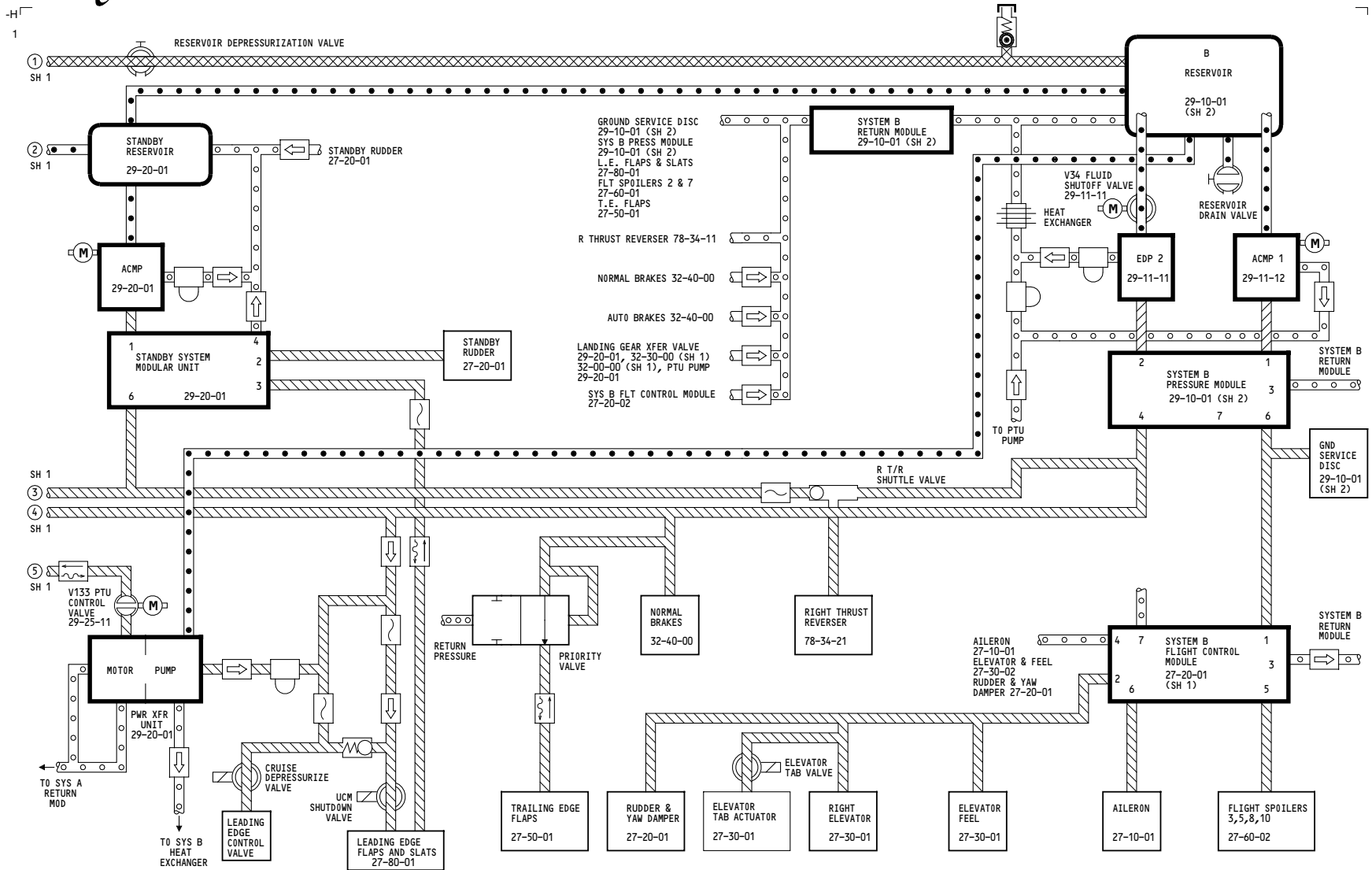
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## HYDRAULIC SYSTEM - SIMPLIFIED

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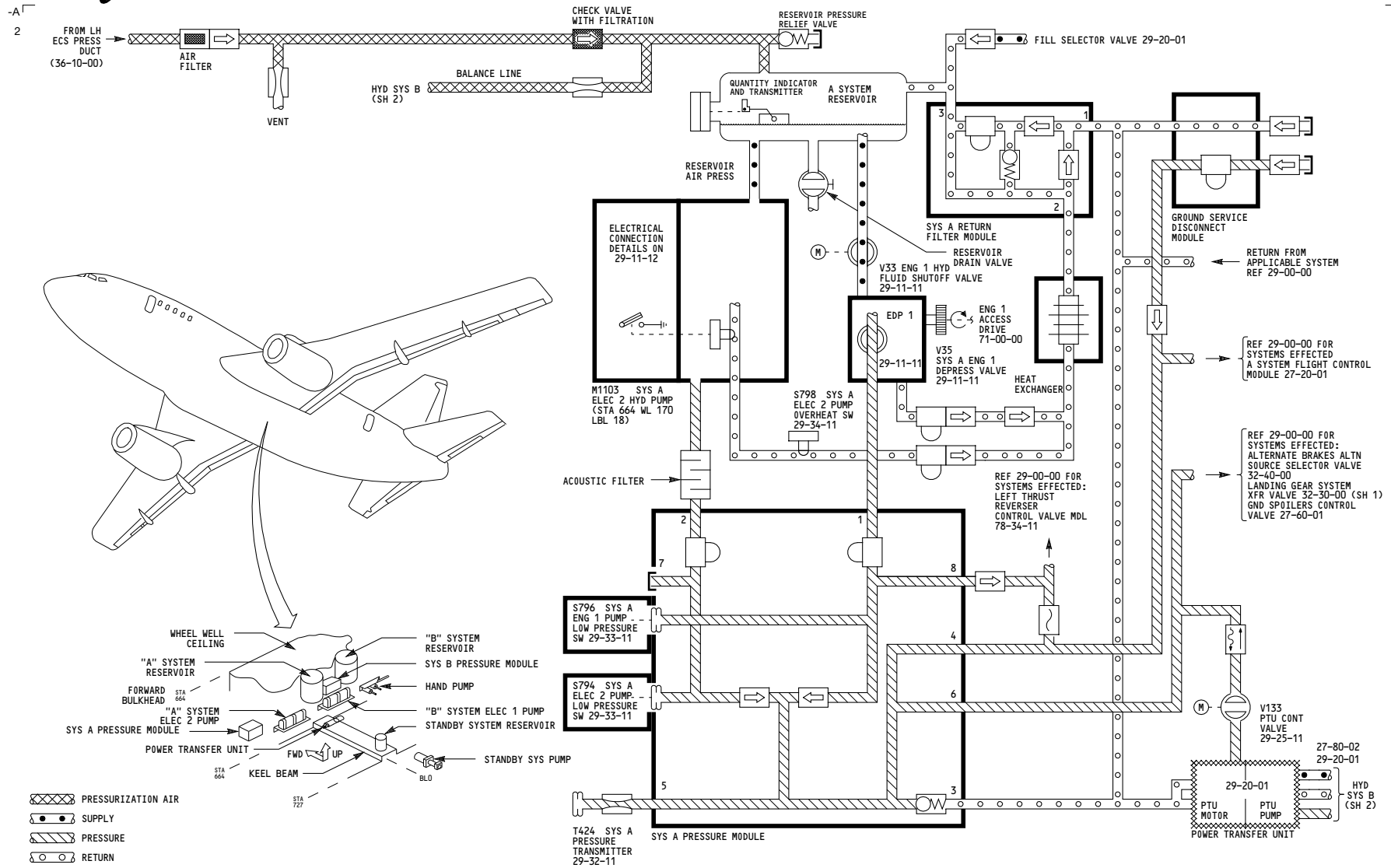
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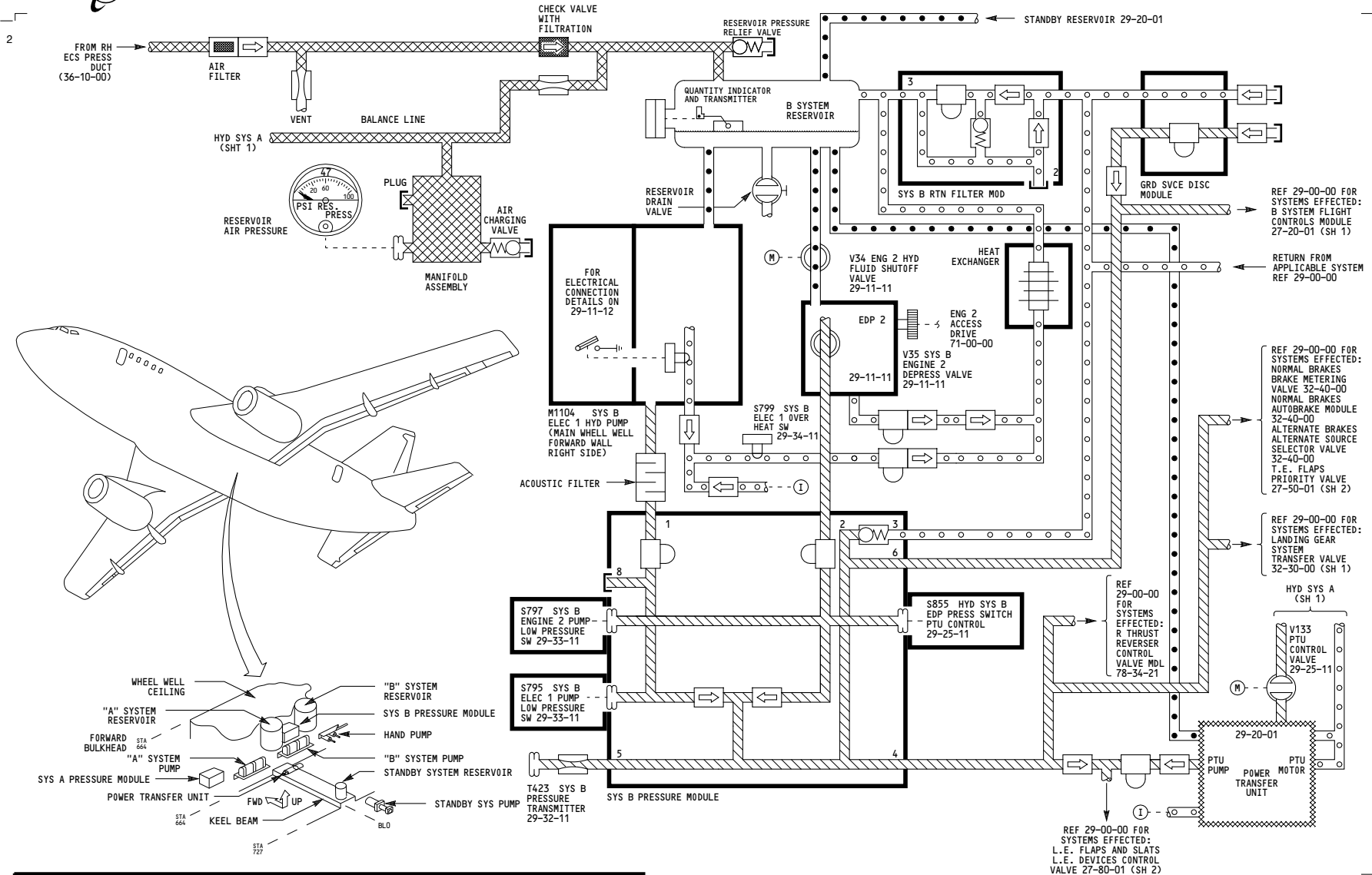
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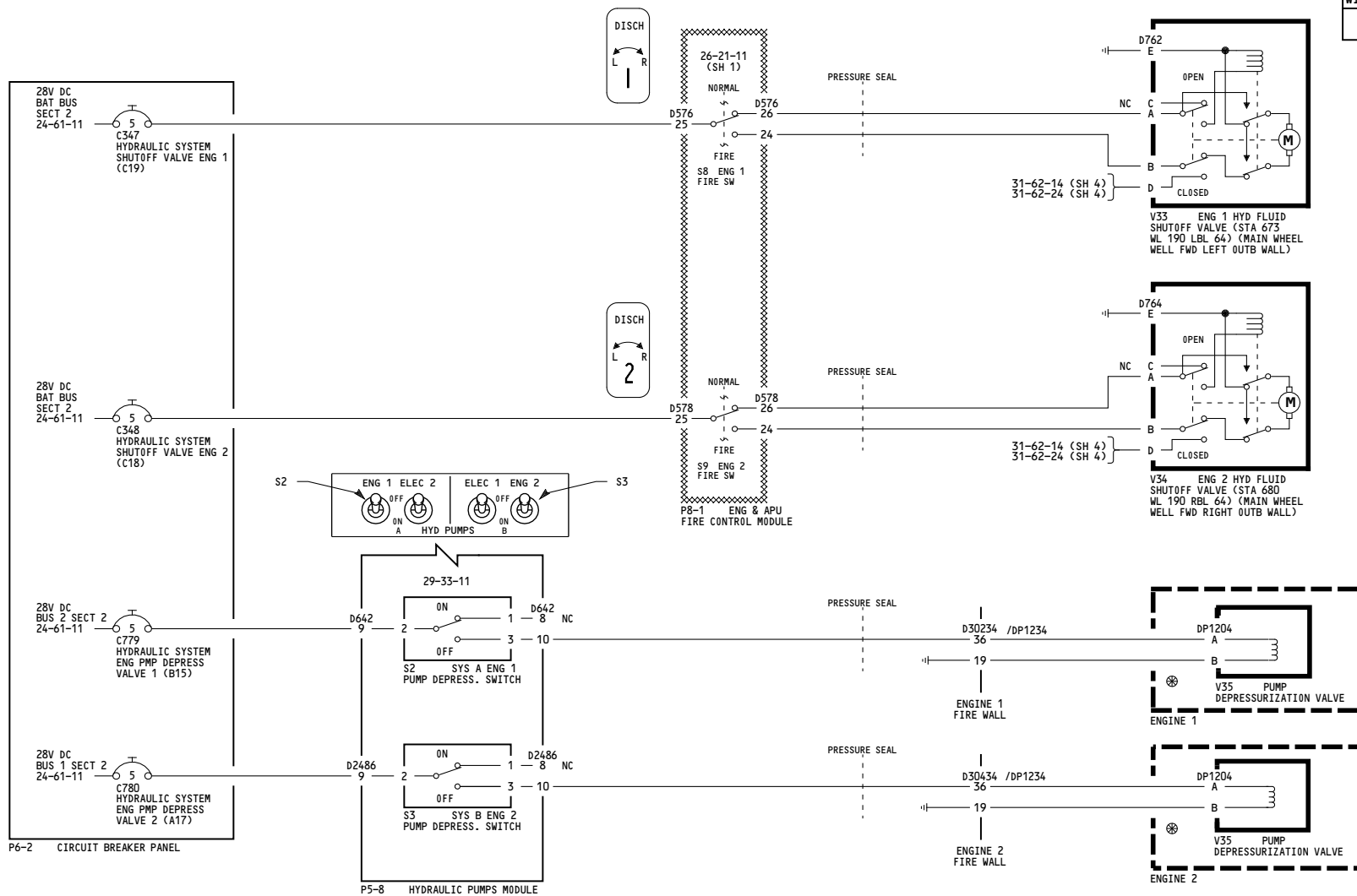
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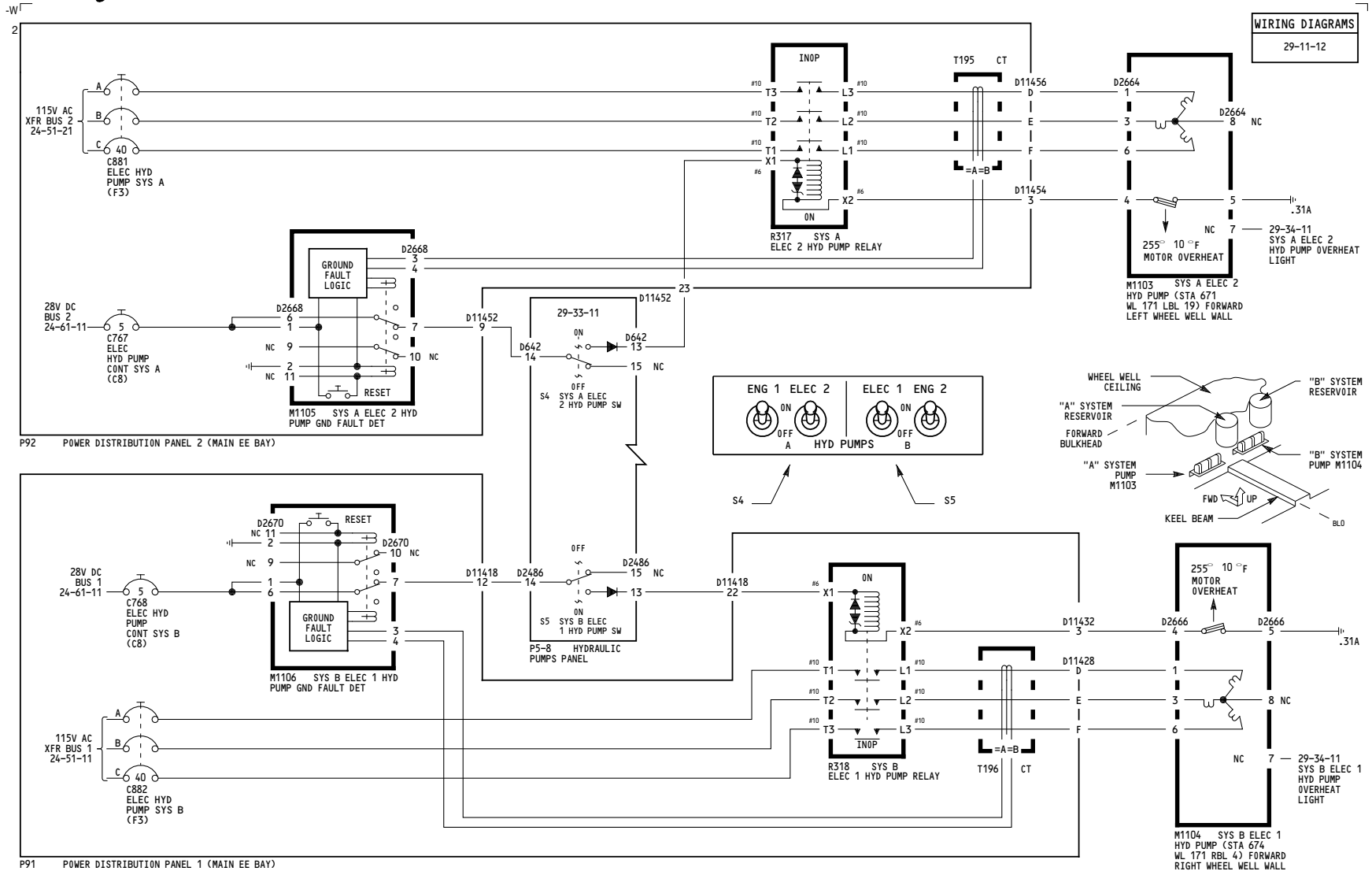
## ENGINE HYDRAULIC PUMP CONTROL

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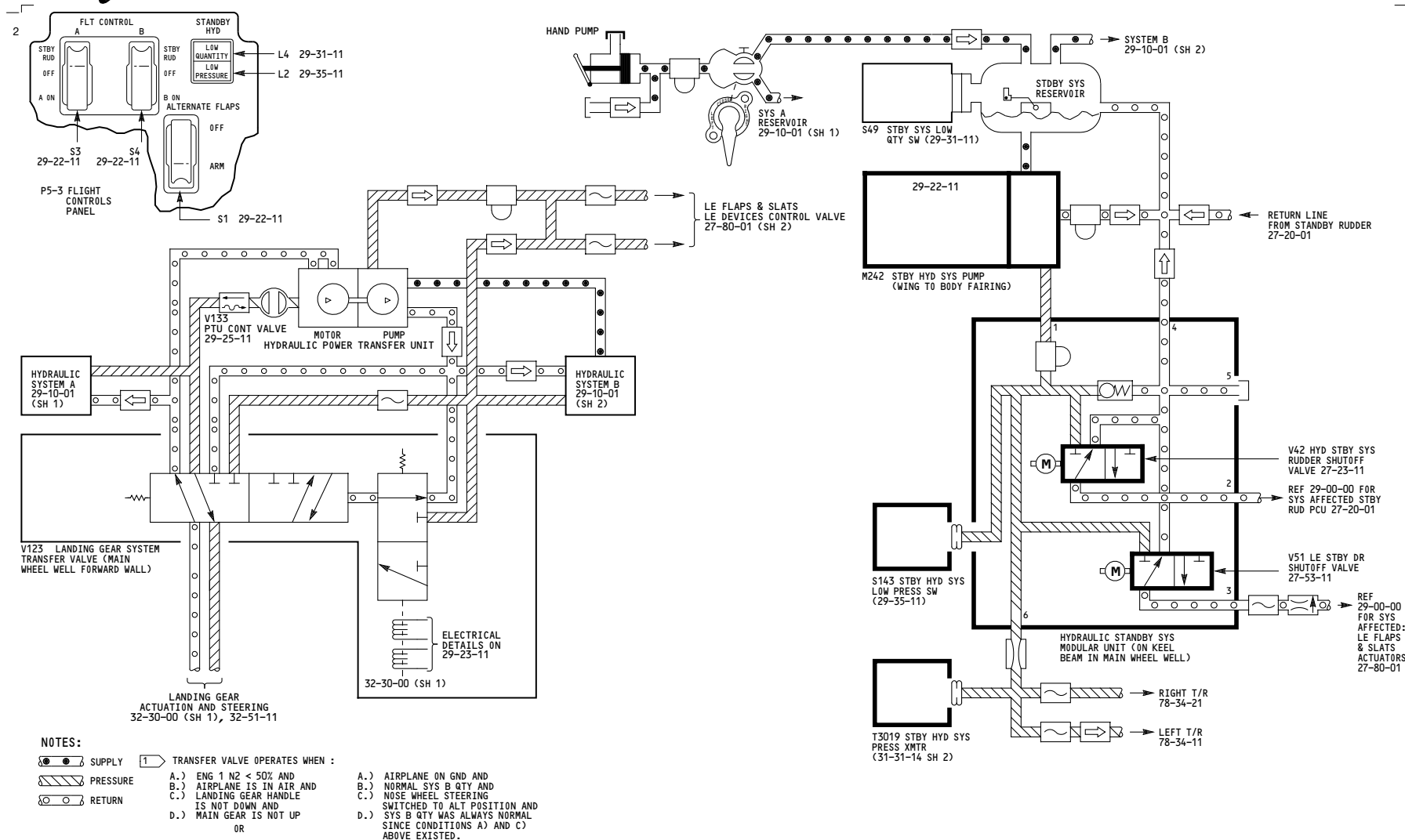
## ELECTRIC HYDRAULIC PUMP CONTROL

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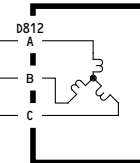
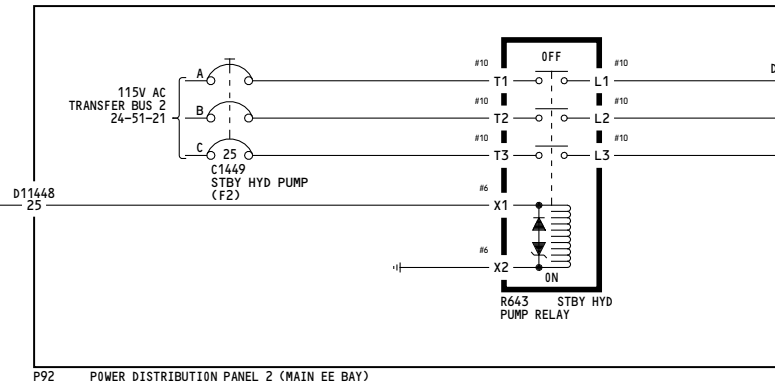
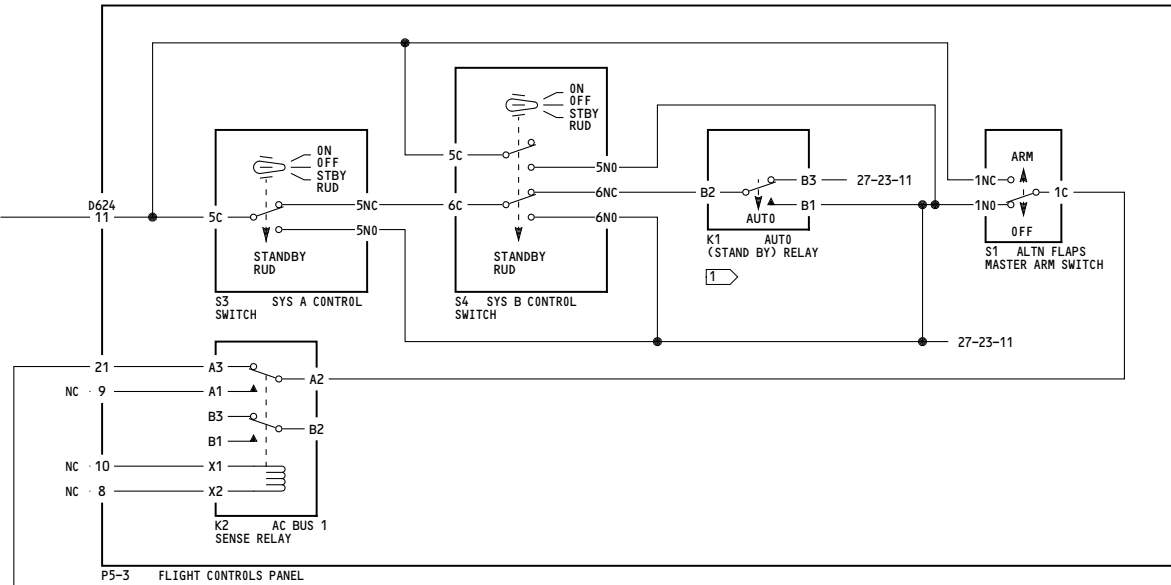
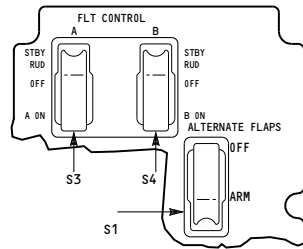
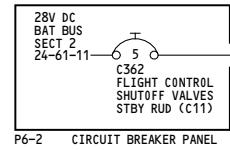
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WIRING DIAGRAMS  
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**NOTES**

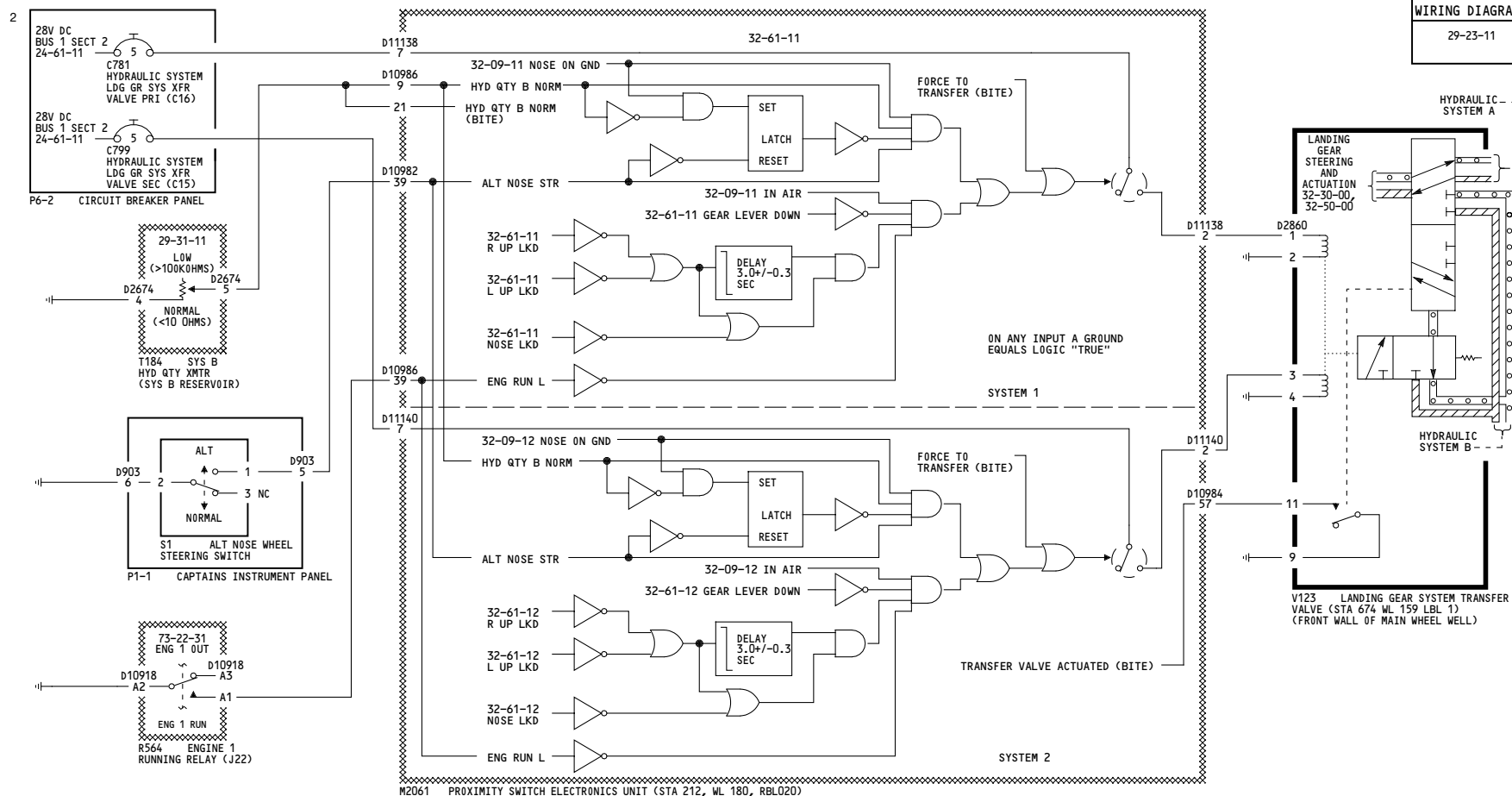
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(A) FLAPS NOT UP, AND 1) AND 2) BELOW  
1) AIRPLANE IN AIR OR WHEEL SPEED >60 KTS  
2) FLT CONT SYS A OR SYS B PRESSURE <1200 PSI  
(B) MAIN RUDDER PCU FORCE FIGHT MONITOR TRIPS (FORCE FIGHT>3600PSID)

ALL	<b>STANDBY HYDRAULIC PUMP CONTROL</b>
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## NOTES: 1. TRANSFER VALVE OPERATION

TRANSFER VALVE OPERATES WHEN:

- A.) ENG 1 N2 < 50% AND
- B.) AIRPLANE IS IN AIR AND
- C.) LANDING GEAR HANDLE IS NOT DOWN AND
- D.) MAIN GEAR IS NOT UP

OR

- A.) AIRPLANE ON GND AND
- B.) NORMAL SYS B QTY AND
- C.) NOSE WHEEL STEERING SELECTED TO ALT POSITION AND
- D.) SYS B QTY WAS ALWAYS NORMAL SINCE CONDITIONS A) AND C) ABOVE EXISTED.

OR

A.) BITE TEST

## 2. LATCH OF SYS B LOW LEVEL SWITCH

TO PREVENT TOGGLING OF THE TRANSFER VALVE WHEN ALT NOSE WHEEL STEERING IS SELECTED AND THE B SYS QTY THEN DROPS BELOW THE SWITCH SET POINT MOMENTARILY.

- A. SET LOW LEVEL LATCH WHEN SYS B QTY IS NOT NORMAL AND A/P IS ON GROUND.
- B. RESET LOW LEVEL LATCH WHEN ALT NOSE WHEEL STEERING IS NOT SELECTED.

PRESSURE

RETURN

ALL

## LANDING GEAR TRANSFER VALVE CONTROL

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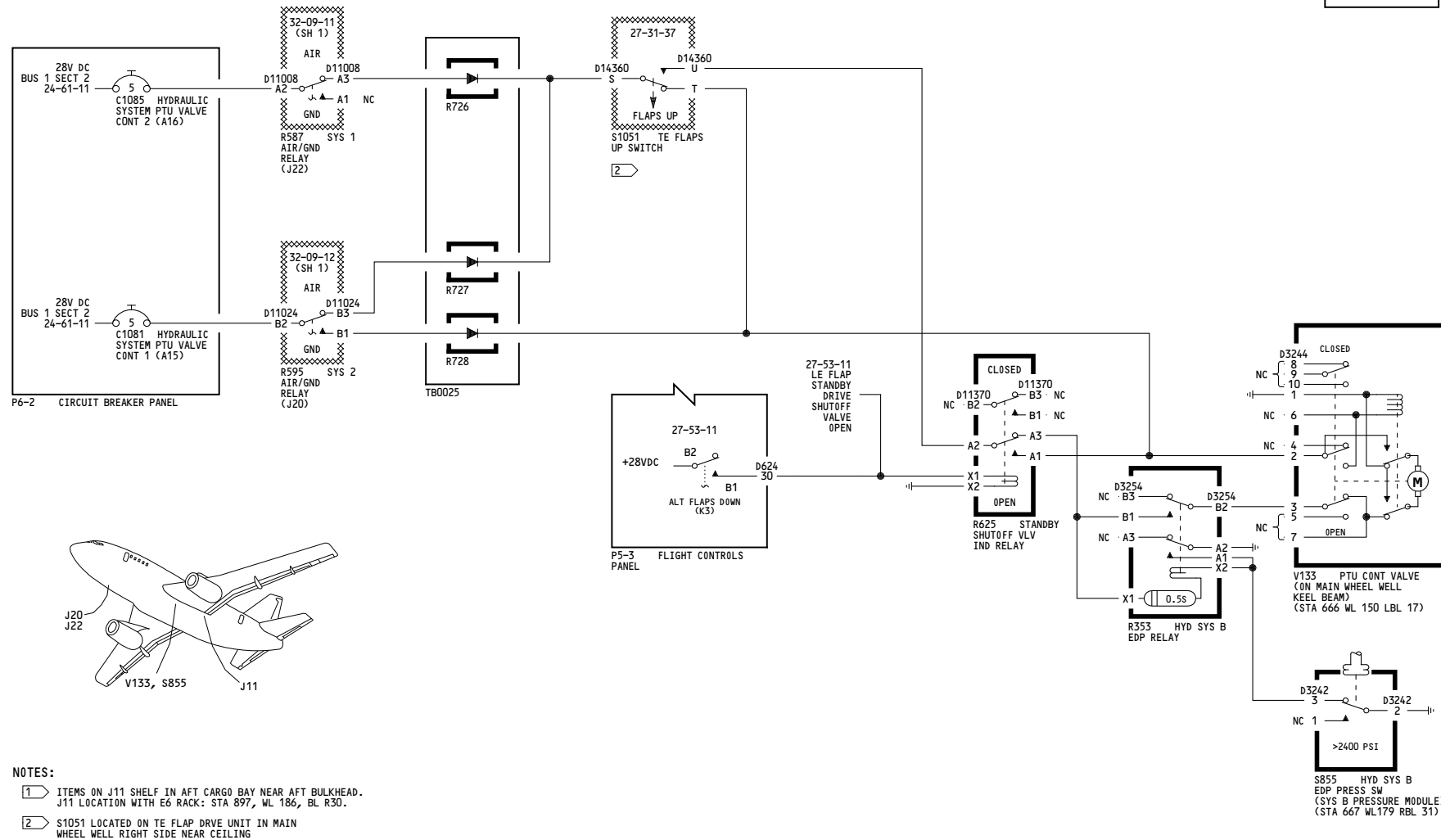
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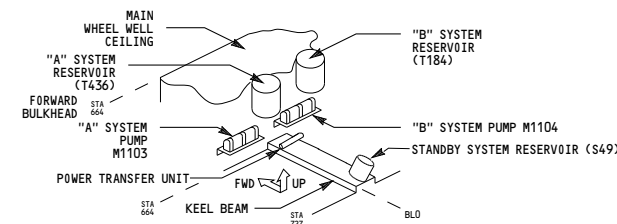
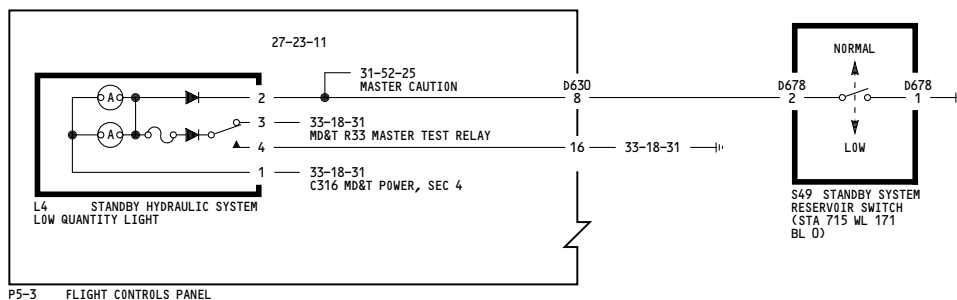
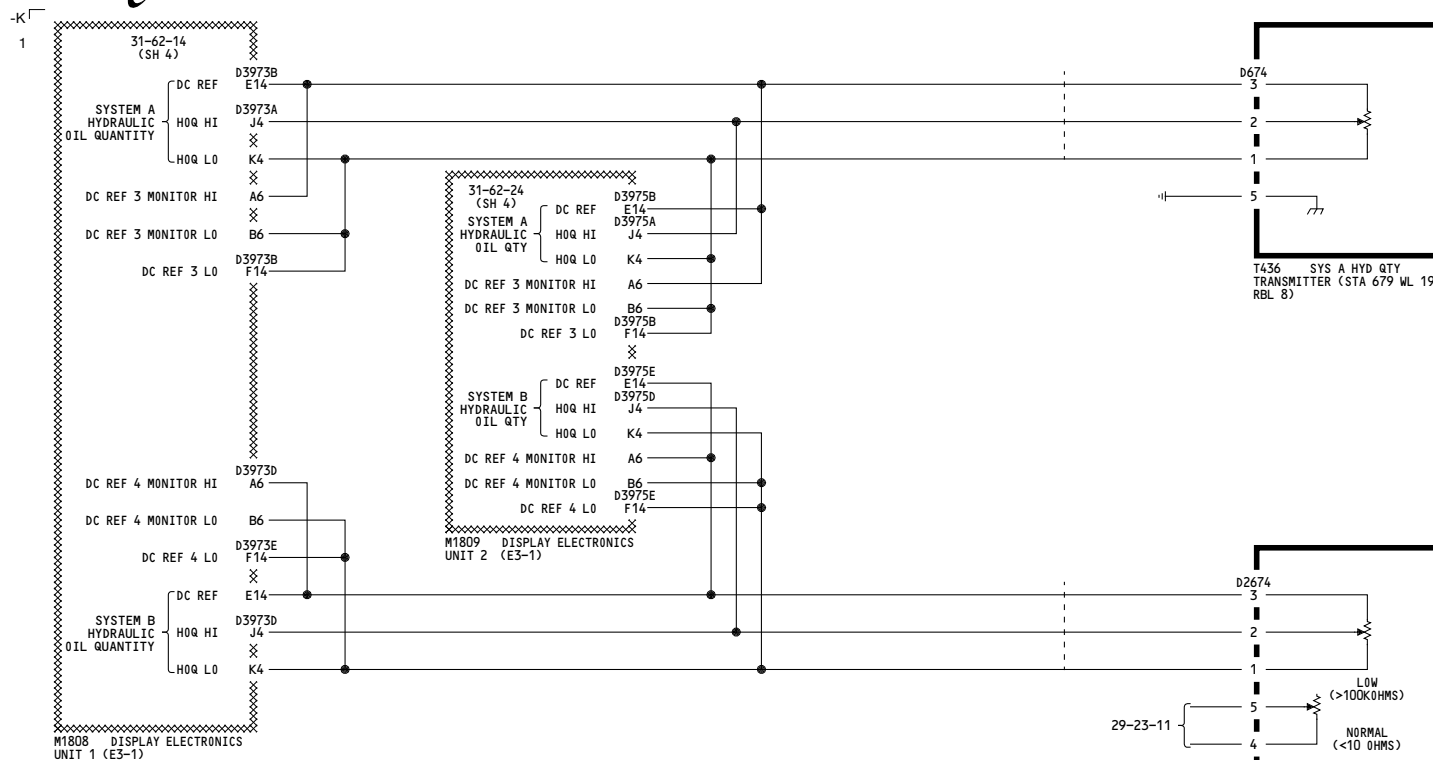
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# 737-800 SYSTEM SCHEMATIC MANUAL

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## HYDRAULIC FLUID QUANTITY INDICATION

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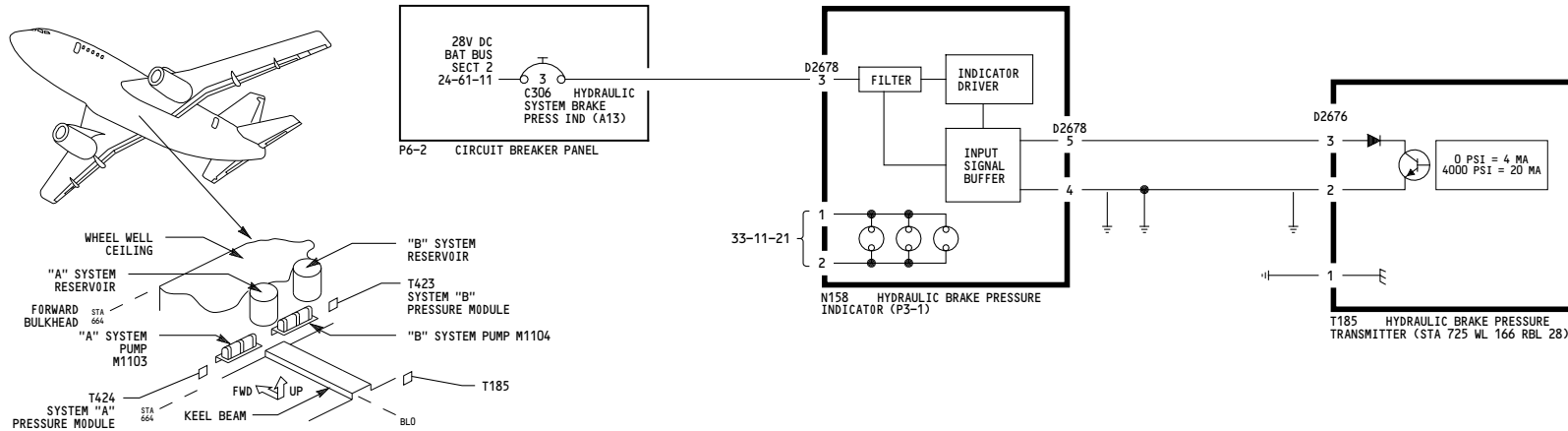
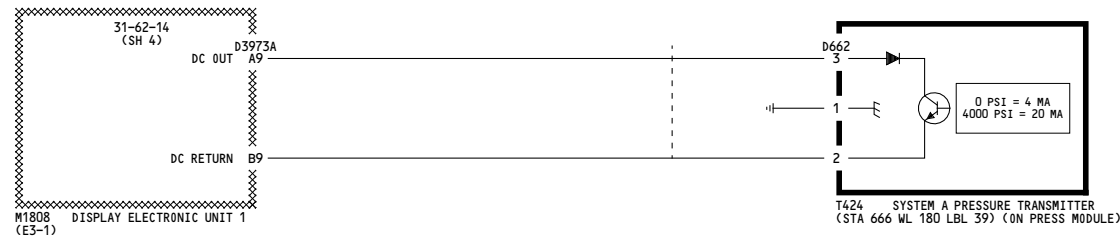
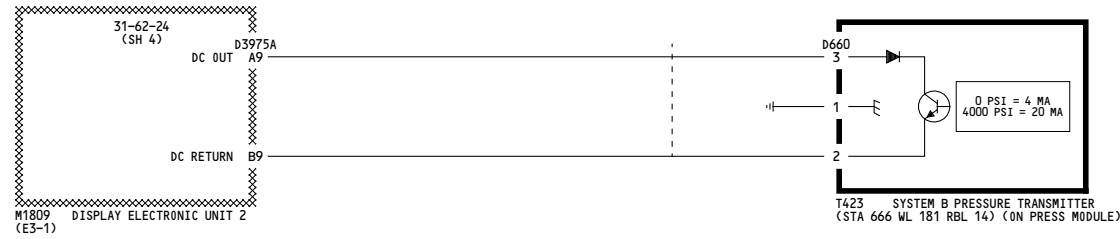
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WIRING DIAGRAMS  
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**HYDRAULIC FLUID PRESSURE  
INDICATION**

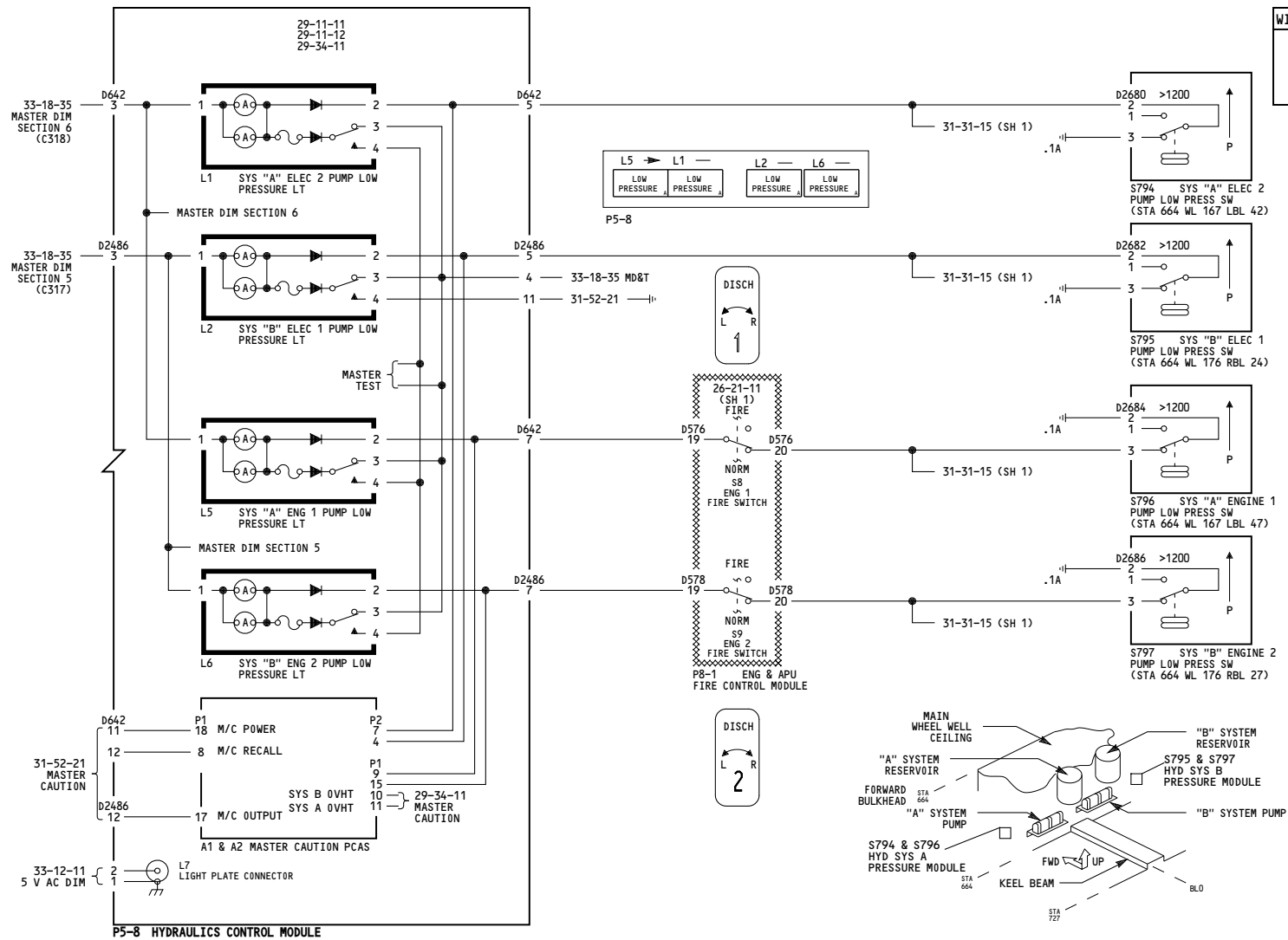
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## HYDRAULIC SYSTEM LOW PRESSURE LIGHTS

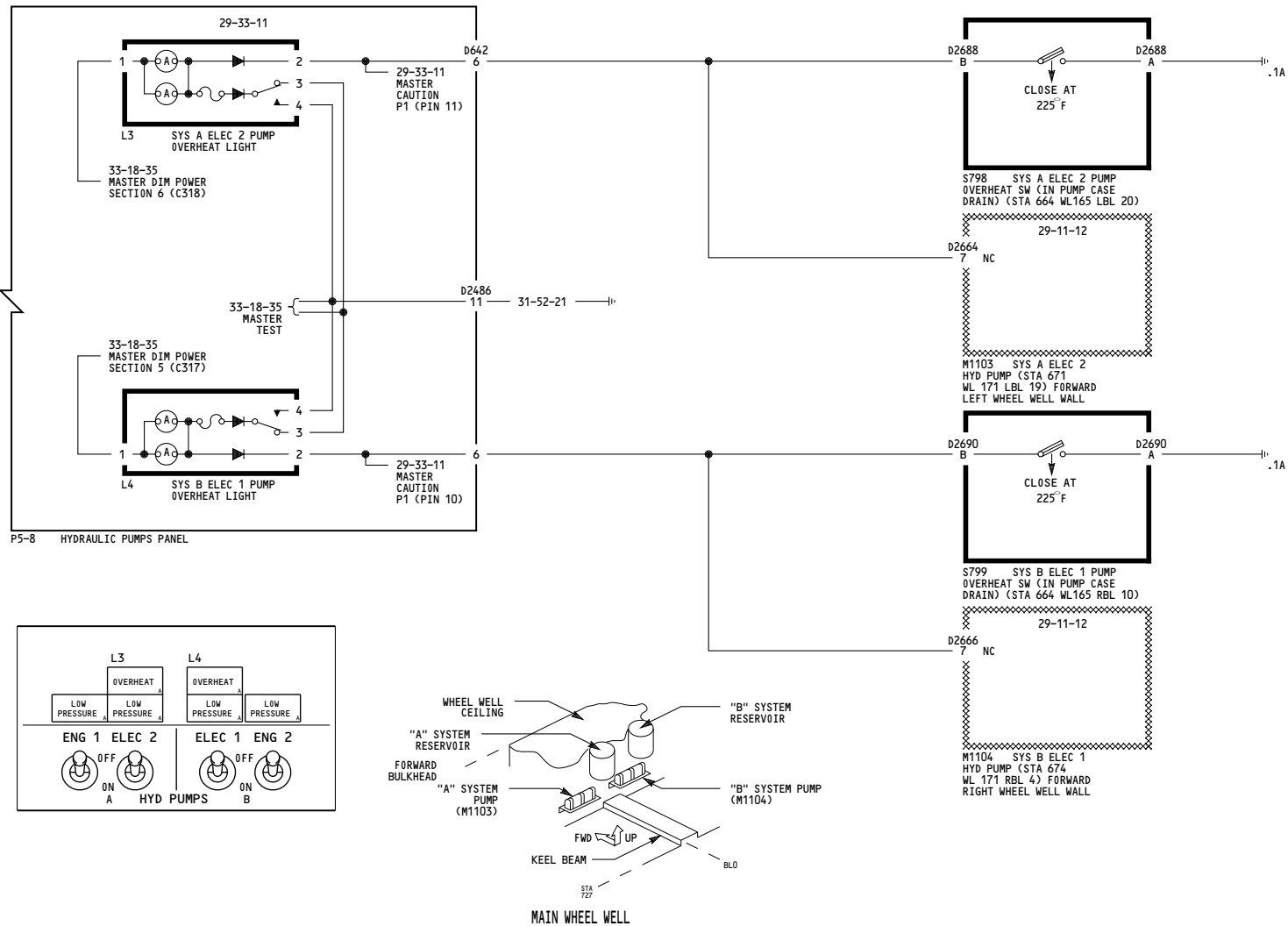
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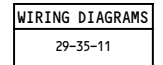
**MAIN HYDRAULIC SYSTEM  
OVERHEAT LIGHTS**

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1 AUTO STANDBY RELAY ENERGIZED WHEN (A) OR (B) OCCURS  
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 (B) MAIN RUDDER PCU FORCE FIGHT MONITOR TRIPS (FORCE FIGHT >3600PSID)

## STANDBY HYDRAULIC SYSTEM LOW PRESSURE LIGHTS

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