

CHAPTER

73

ENGINE FUEL AND CONTROL



CHAPTER 73
ENGINE FUEL AND CONTROL

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73-CONTENTS		1		Dec 18/2007	73-31-01				
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73-ALPHABETICAL INDEX		1		Dec 18/2007					
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73-11-02		101		Jan 21/2005					
		101.1		Jan 21/2005					
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A = Added, R = Revised, D = Deleted, O = Overflow

73-EFFECTIVE PAGES

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CHAPTER 73
ENGINE FUEL AND CONTROL

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<u>FUEL DISTRIBUTION SYSTEM</u>						
ENGINE FUEL DISTRIBUTION	73-11-02		101		Jan 21/2005	001-002 115-199
			101.1		Jan 21/2005	001-002 115
			102		Jan 21/2005	003-099
<u>FUEL CONTROL SYSTEM</u>						
FUEL FLOW GOVERNOR SCHEMATIC	73-21-00		101		Jan 21/2005	115-199
IDLE SELECT FUEL CONTROL	73-21-03		101		Jan 21/2005	001-099
			102		Jan 21/2005	115-199
LEFT ENGINE ELECTRONIC CONTROL	73-21-04		101	1	Jan 21/2005	ALL
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RIGHT ENGINE ELECTRONIC CONTROL	73-21-05		101	1	Dec 18/2007	001-099
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			102	1	Dec 18/2007	115-199
				2	Jan 21/2005	115-199
<u>FUEL FLOW INDICATING SYSTEM</u>						
FUEL FLOW INDICATION	73-31-01		101		Jan 21/2005	ALL

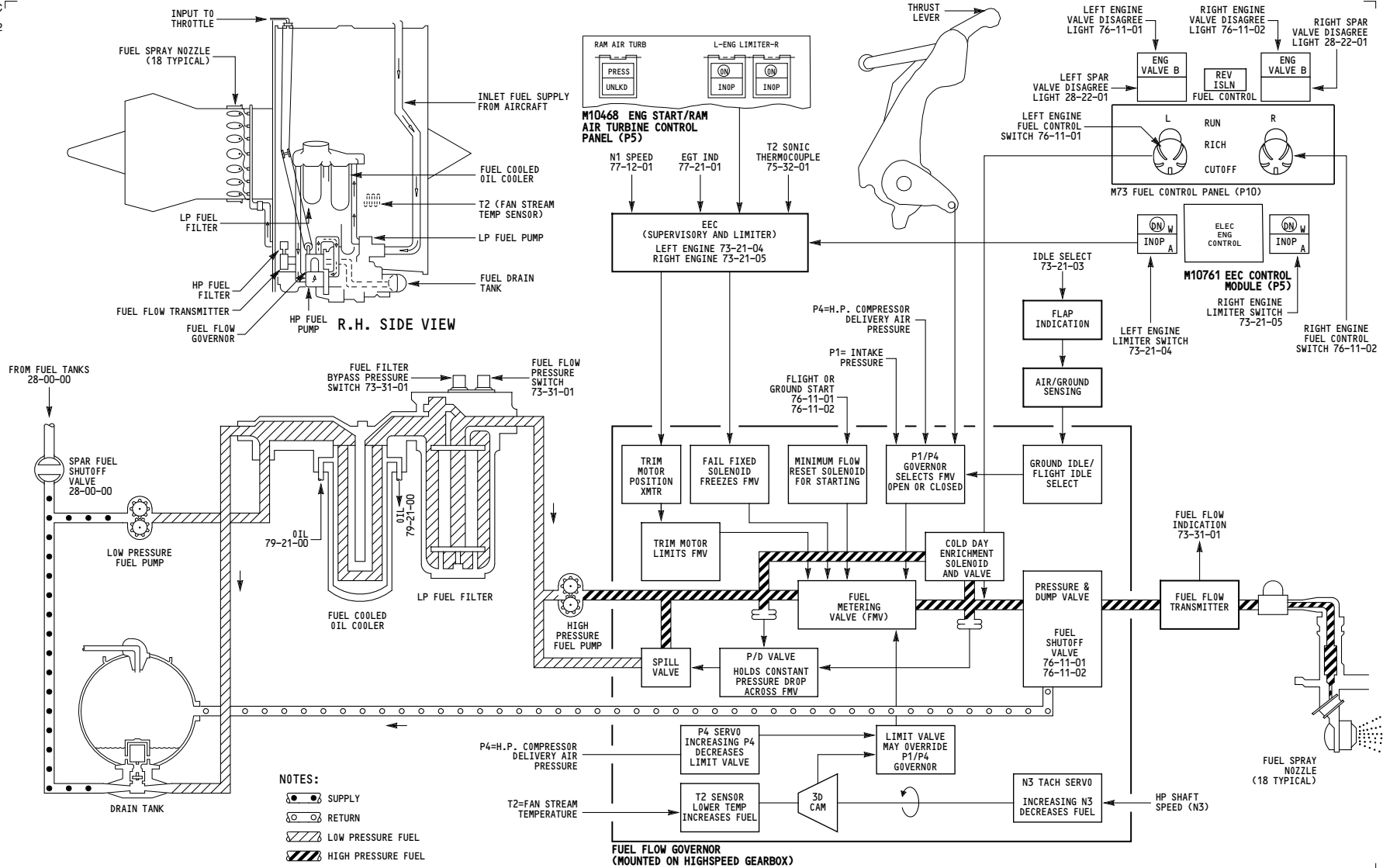
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ENGINE FUEL AND CONTROL

CH-SC-SU	Title
73-11-02	ENGINE FUEL DISTRIBUTION
73-21-00	FUEL FLOW GOVERNOR SCHEMATIC
73-31-01	FUEL FLOW INDICATION
73-21-03	IDLE SELECT FUEL CONTROL
73-21-04	LEFT ENGINE ELECTRONIC CONTROL
73-21-05	RIGHT ENGINE ELECTRONIC CONTROL

CH-SC-SU	Title
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73-ALPHABETICAL INDEX

5012



001-002, 115-199

ENGINE FUEL DISTRIBUTION

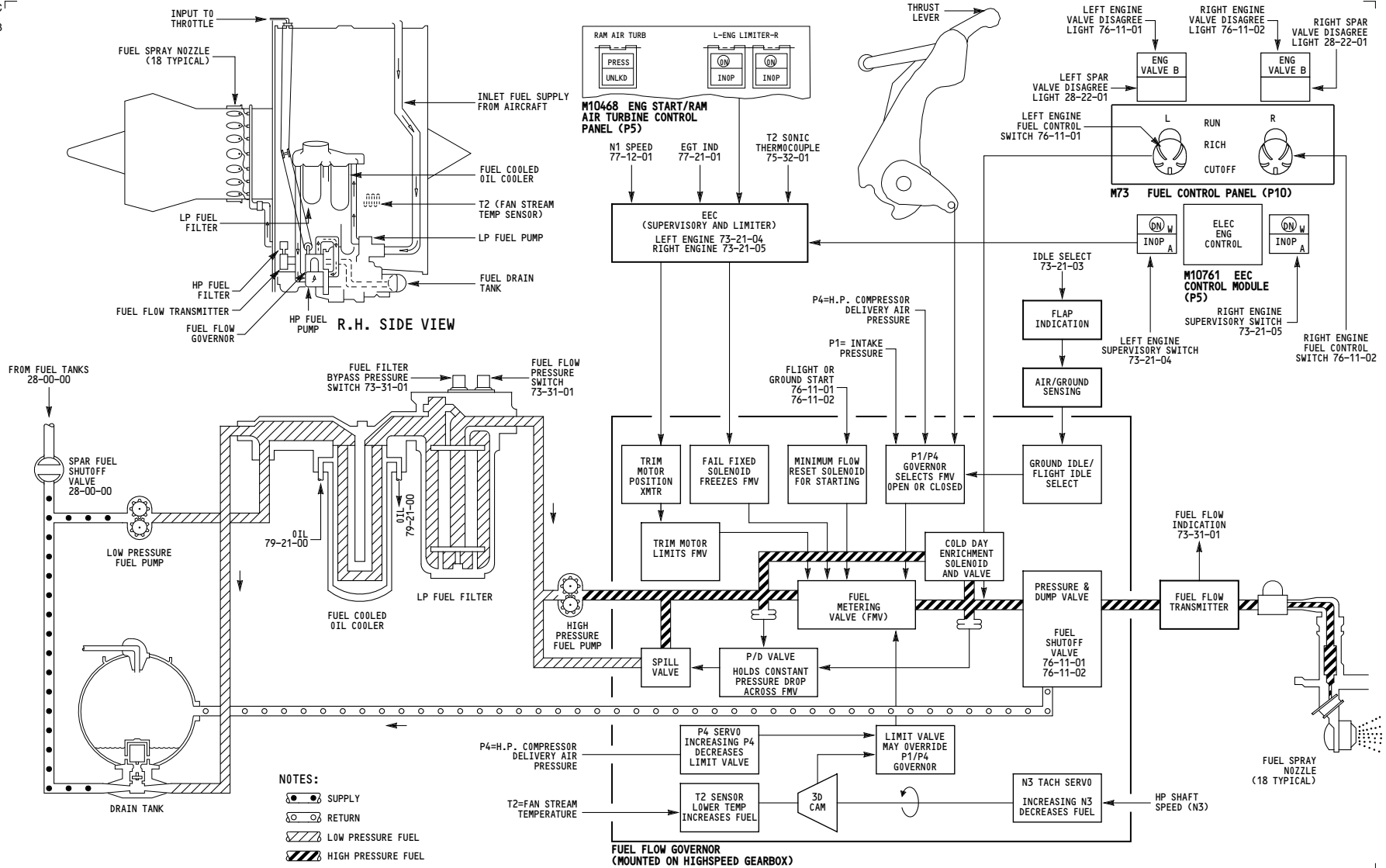
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001-002, 115

ENGINE FUEL DISTRIBUTION

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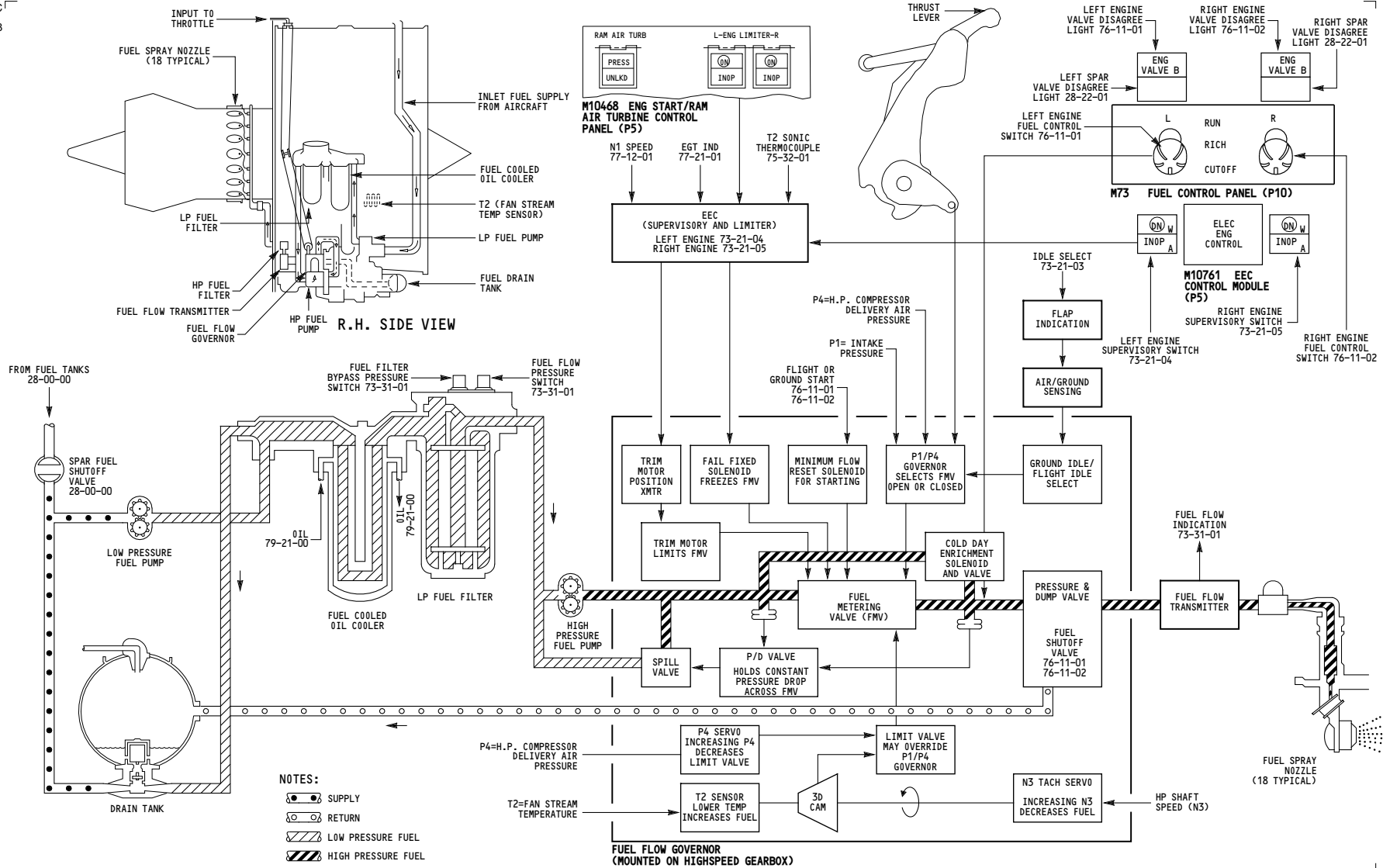
Incorporates
78-0032 R03

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003-099

ENGINE FUEL DISTRIBUTION

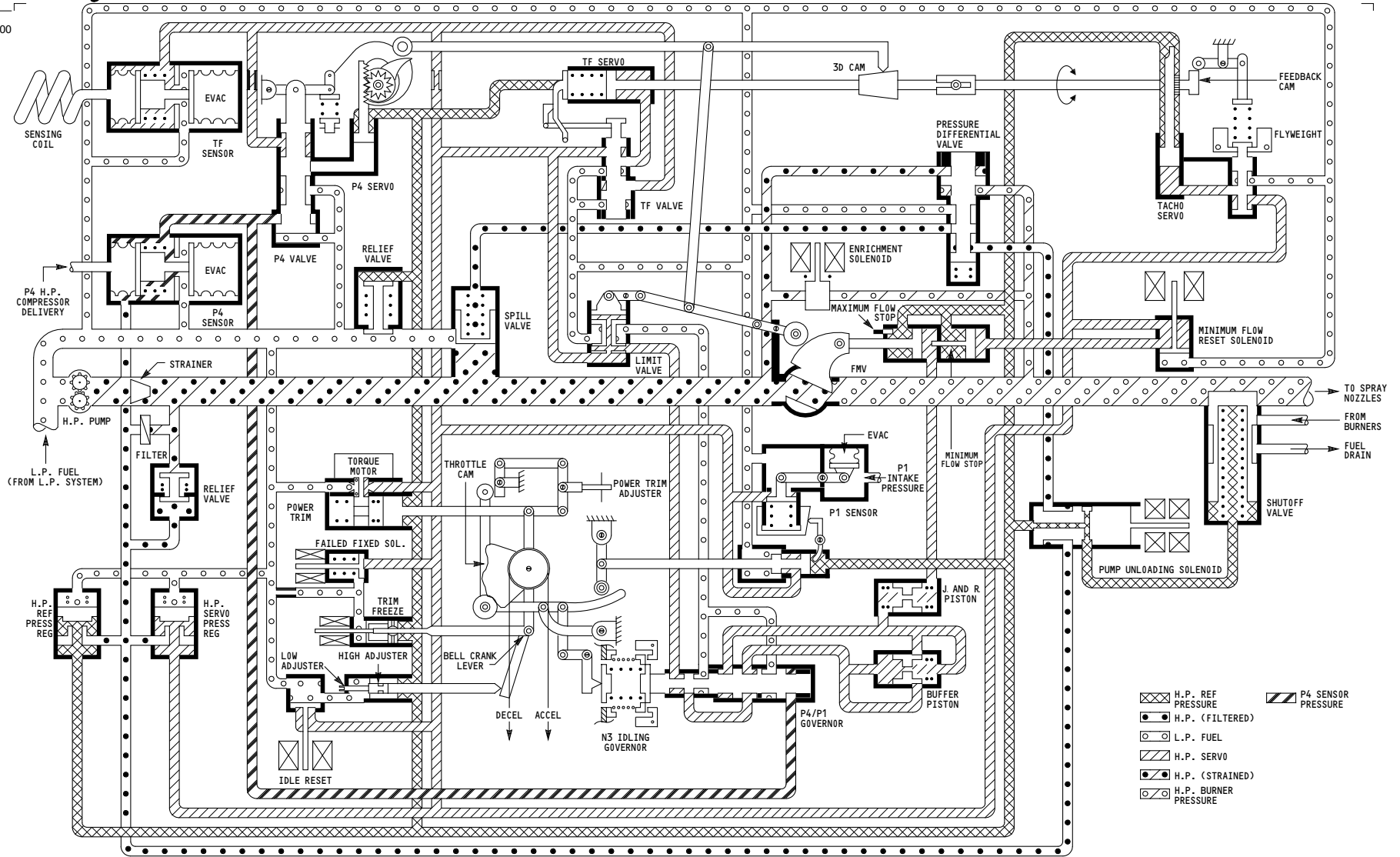
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5000



- H.P. REF PRESSURE
- H.P. (FILTERED)
- L.P. FUEL
- H.P. SERVO
- H.P. (STRAINED)
- H.P. BURNER PRESSURE
- P4 SENSOR PRESSURE

115-199

FUEL FLOW GOVERNOR SCHEMATIC

D280N032S

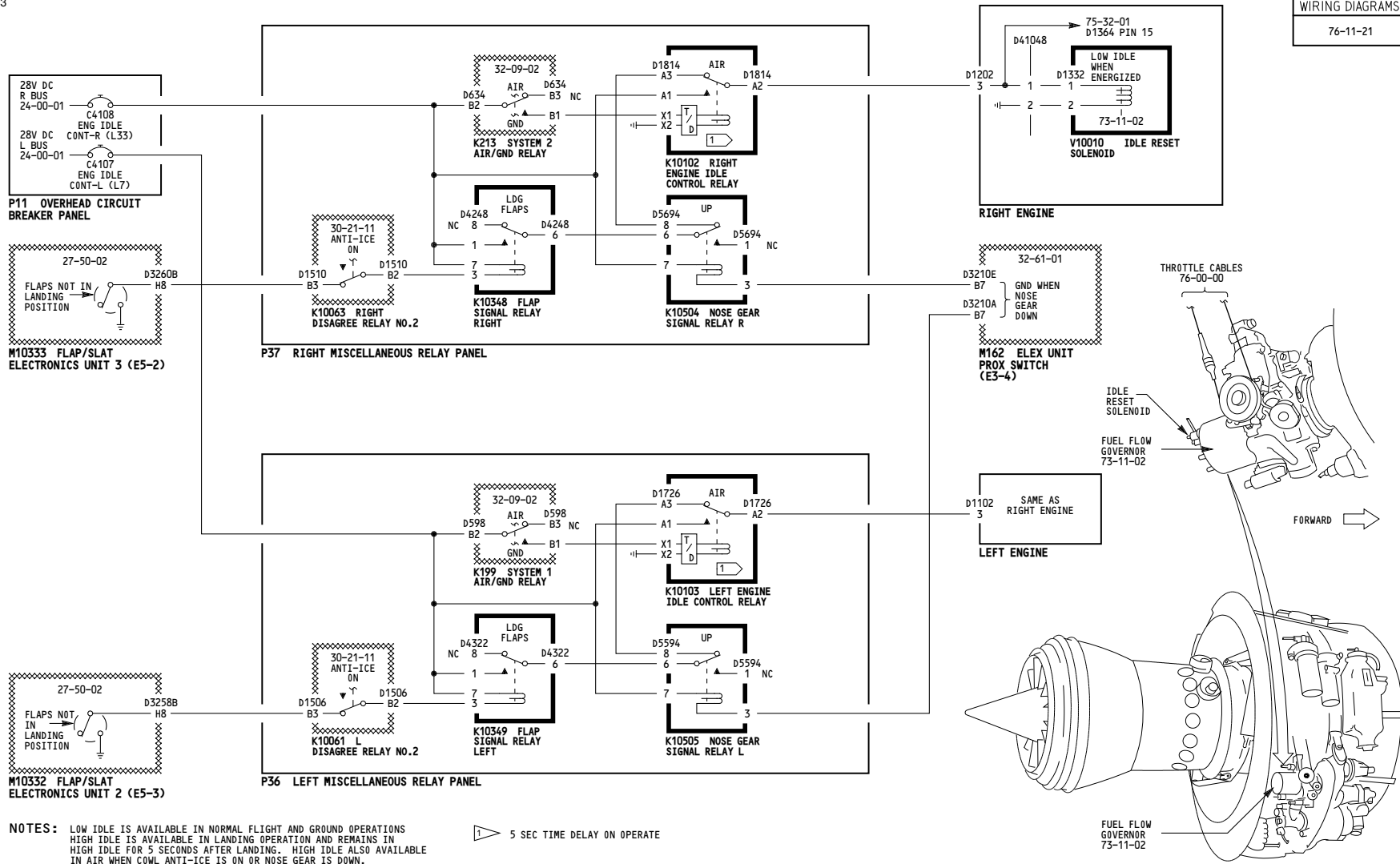
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WIRING DIAGRAMS
76-11-21



NOTES: LOW IDLE IS AVAILABLE IN NORMAL FLIGHT AND GROUND OPERATIONS
HIGH IDLE IS AVAILABLE IN LANDING OPERATION AND REMAINS IN HIGH IDLE FOR 5 SECONDS AFTER LANDING. HIGH IDLE ALSO AVAILABLE IN AIR WHEN COWL ANTI-ICE IS ON OR NOSE GEAR IS DOWN.

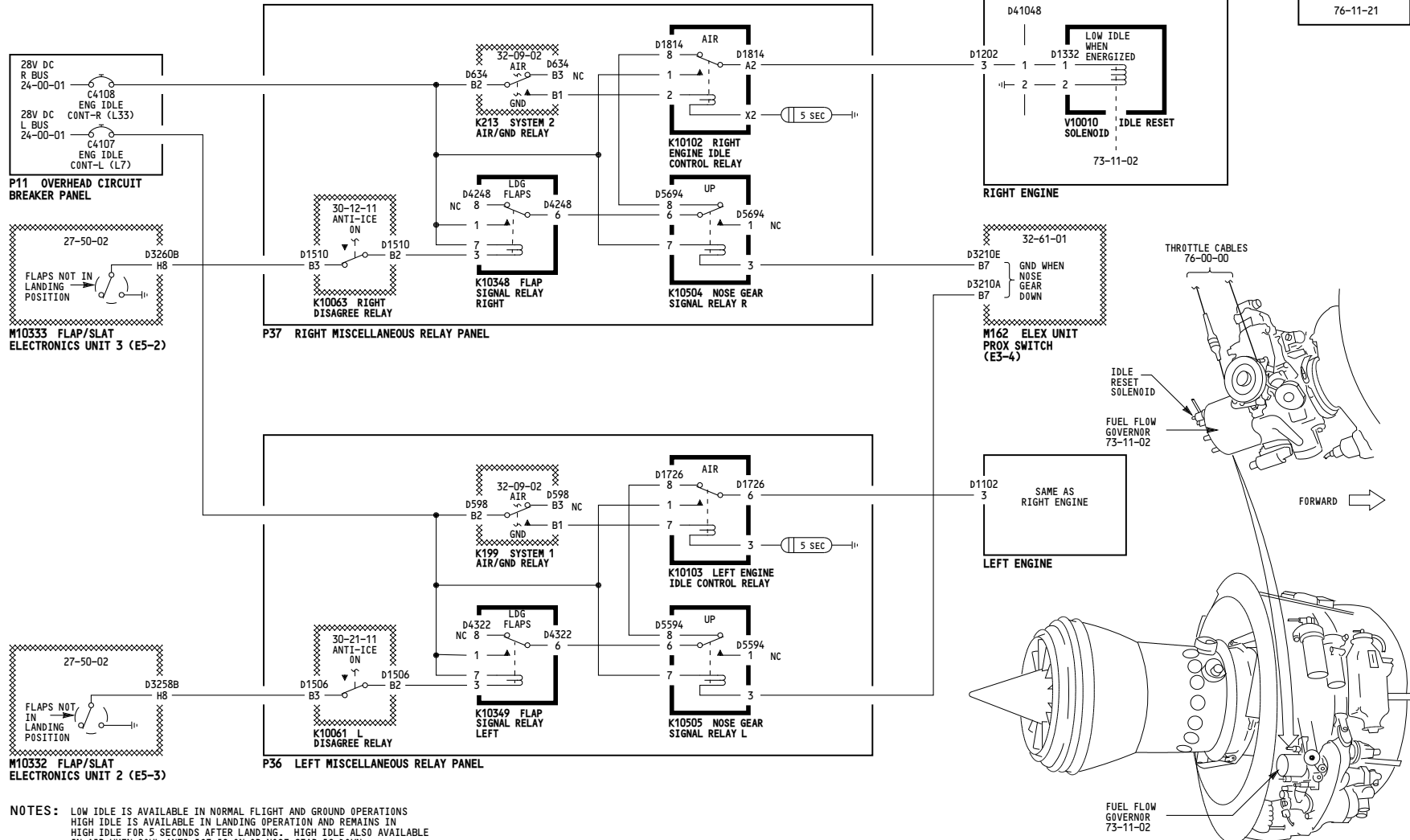
5 SEC TIME DELAY ON OPERATE

001-099	IDLE SELECT FUEL CONTROL
D280N032S	

73-21-03

-B
5015

WIRING DIAGRAMS
76-11-21



NOTES: LOW IDLE IS AVAILABLE IN NORMAL FLIGHT AND GROUND OPERATIONS
HIGH IDLE IS AVAILABLE IN LANDING OPERATION AND REMAINS IN HIGH IDLE FOR 5 SECONDS AFTER LANDING. HIGH IDLE ALSO AVAILABLE IN AIR WHEN COWL ANTI-ICE IS ON OR NOSE GEAR IS DOWN.

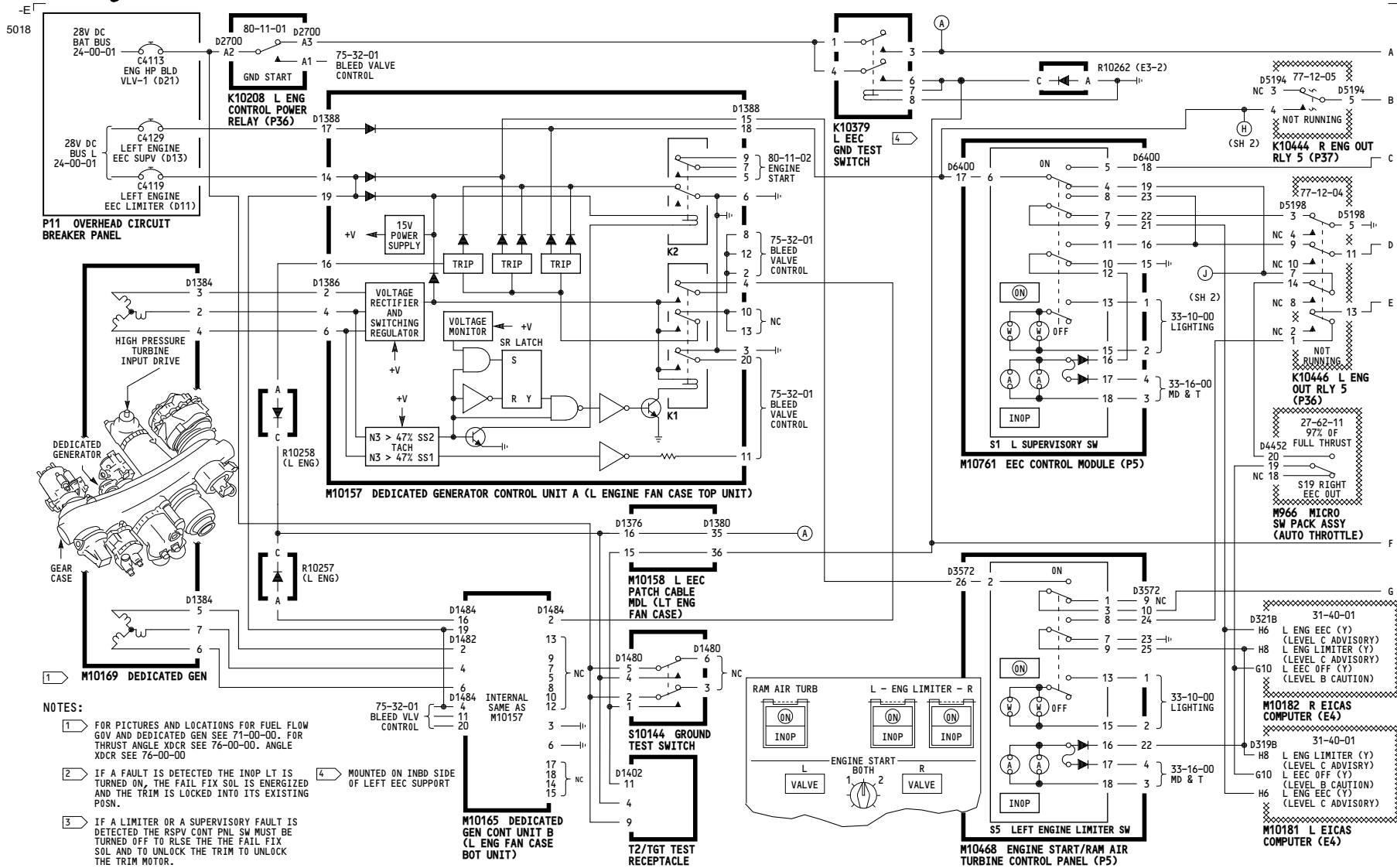
115-199	IDLE SELECT FUEL CONTROL
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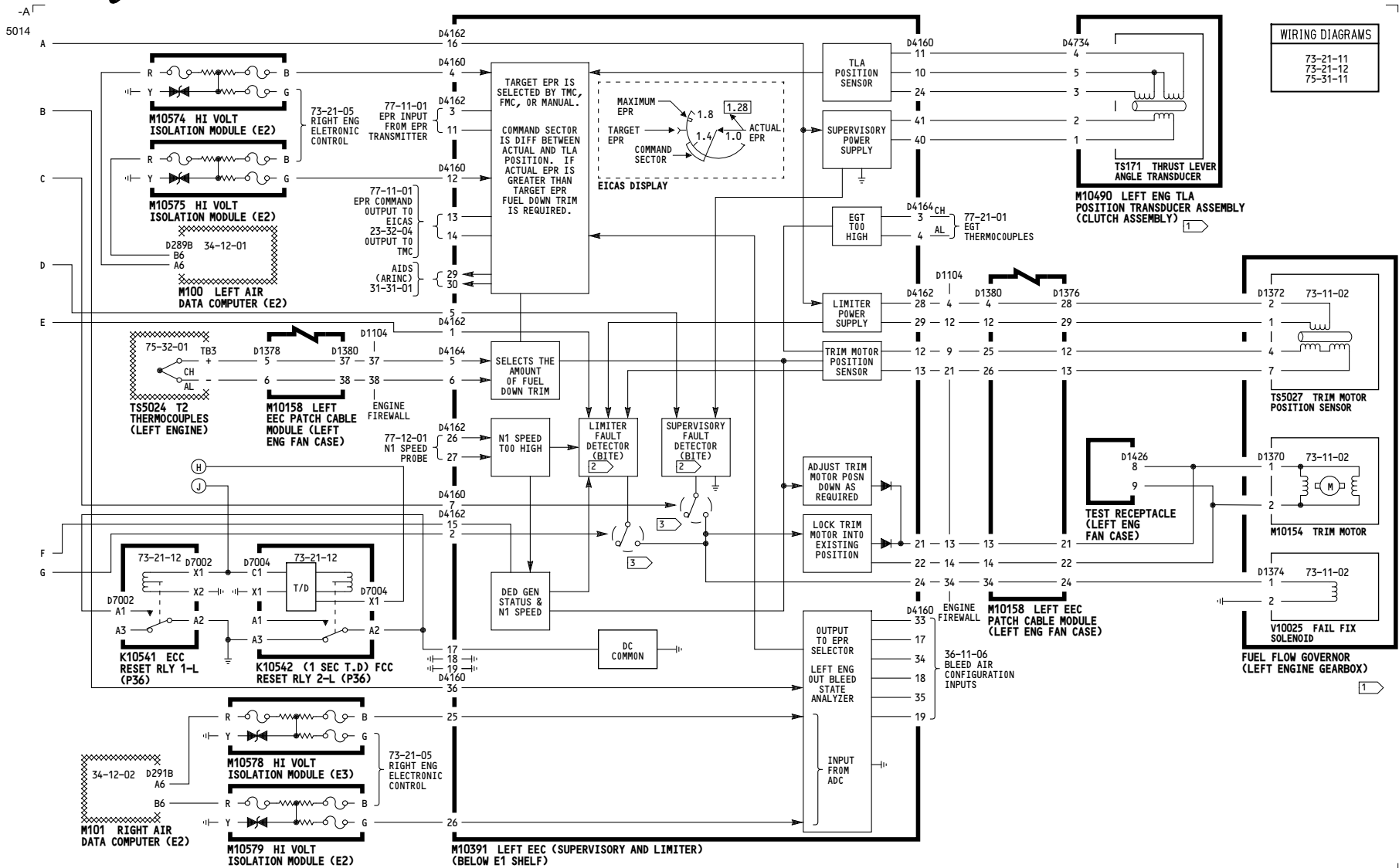
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- NOTES:**
- 1 FOR PICTURES AND LOCATIONS FOR FUEL FLOW GOV AND DEDICATED GEN SEE 71-00-00. FOR THRUST ANGLE XD CR SEE 76-00-00. ANGLE XD CR SEE 76-00-00
 - 2 IF A FAULT IS DETECTED THE INOP LT IS TURNED ON, THE FAIL FIX SOL IS ENERGIZED AND THE TRIM IS LOCKED INTO ITS EXISTING POSN.
 - 3 IF A LIMITER OR A SUPERVISORY FAULT IS DETECTED THE RSPV CONT PNL SW MUST BE TURNED OFF TO RISE THE FAIL FIX SOL AND TO UNLOCK THE TRIM TO UNLOCK THE TRIM MOTOR.
 - 4 MOUNTED ON INBD SIDE OF LEFT EEC SUPPORT

ALL	LEFT ENGINE ELECTRONIC CONTROL
D280N032S	

73-21-04

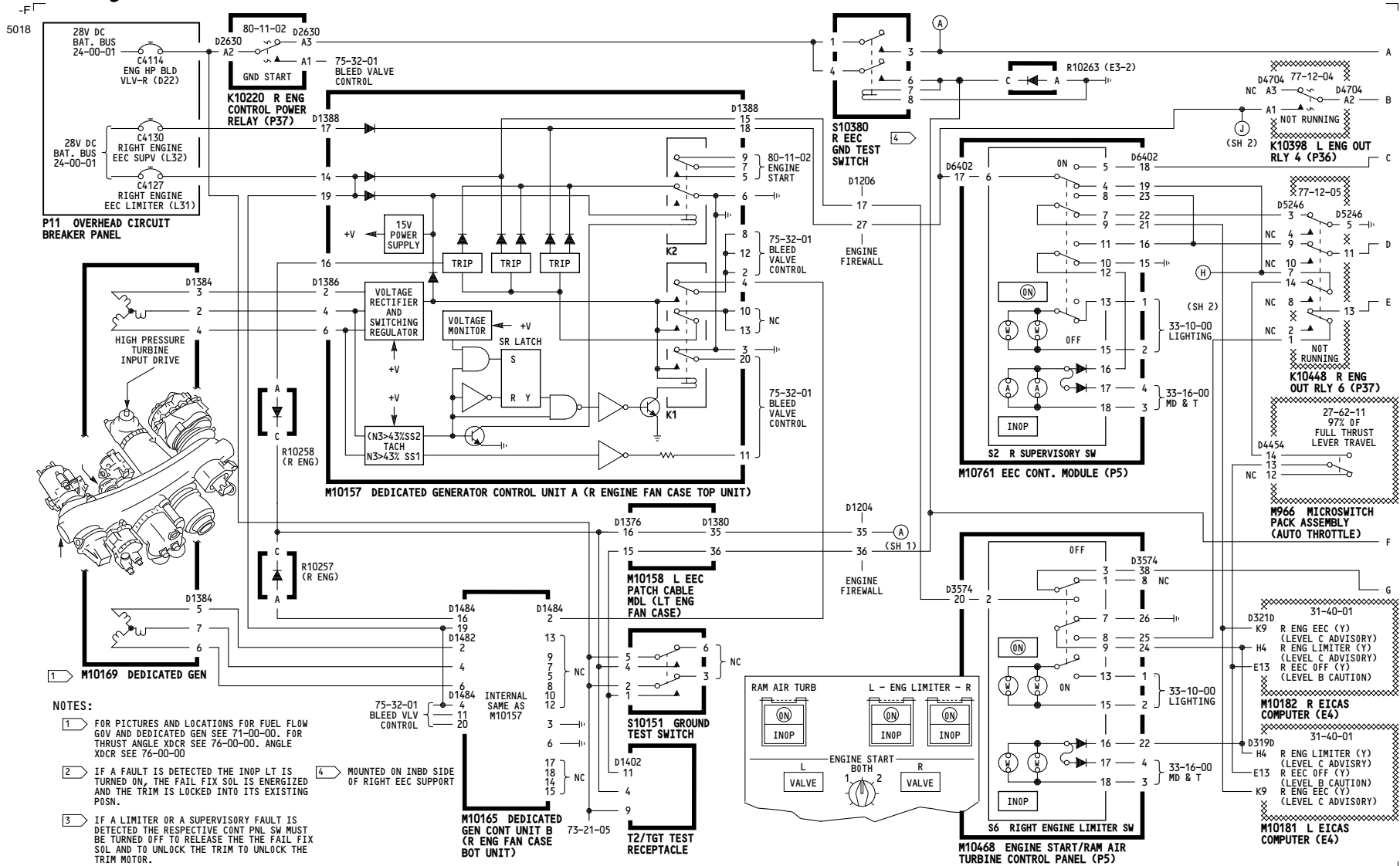


ALL

LEFT ENGINE ELECTRONIC CONTROL

D280N032S

73-21-04



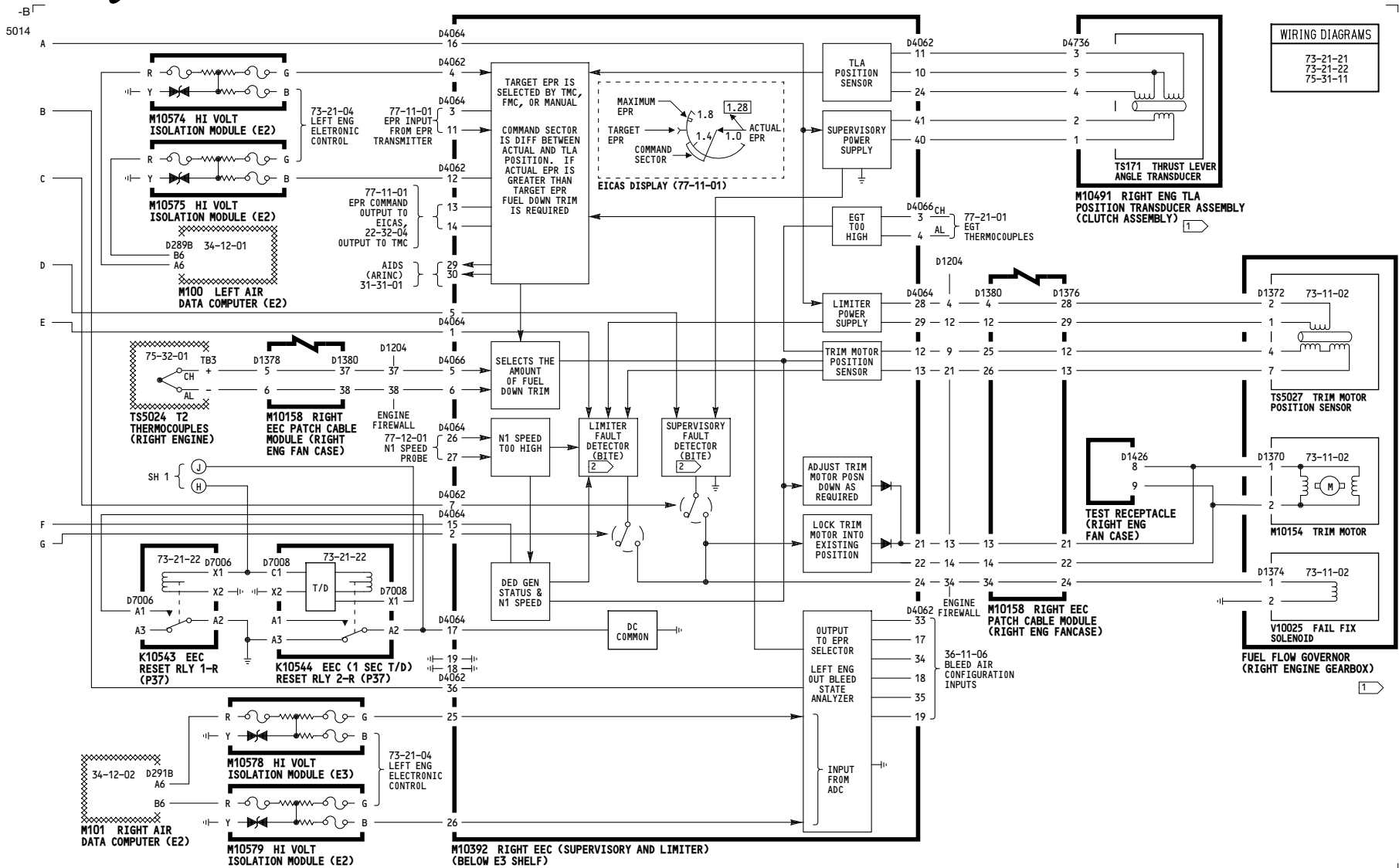
- NOTES:**
- FOR PICTURES AND LOCATIONS FOR FUEL FLOW GOV AND DEDICATED GEN SEE 71-00-00. FOR THRUST ANGLE XDCR SEE 76-00-00. ANGLE XDCR SEE 76-00-00
 - IF A FAULT IS DETECTED THE INOP LT IS TURNED ON, THE FAIL FIX SOL IS ENERGIZED AND THE TRIM IS LOCKED INTO ITS EXISTING POSN.
 - IF A LIMITER OR A SUPERVISORY FAULT IS DETECTED THE RESPECTIVE CONT PNL SW MUST BE TURNED OFF TO RELEASE THE THE FAIL FIX SOL AND TO UNLOCK THE TRIM TO UNLOCK THE TRIM MOTOR.

001-099

RIGHT ENGINE ELECTRONIC CONTROL

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73-21-05



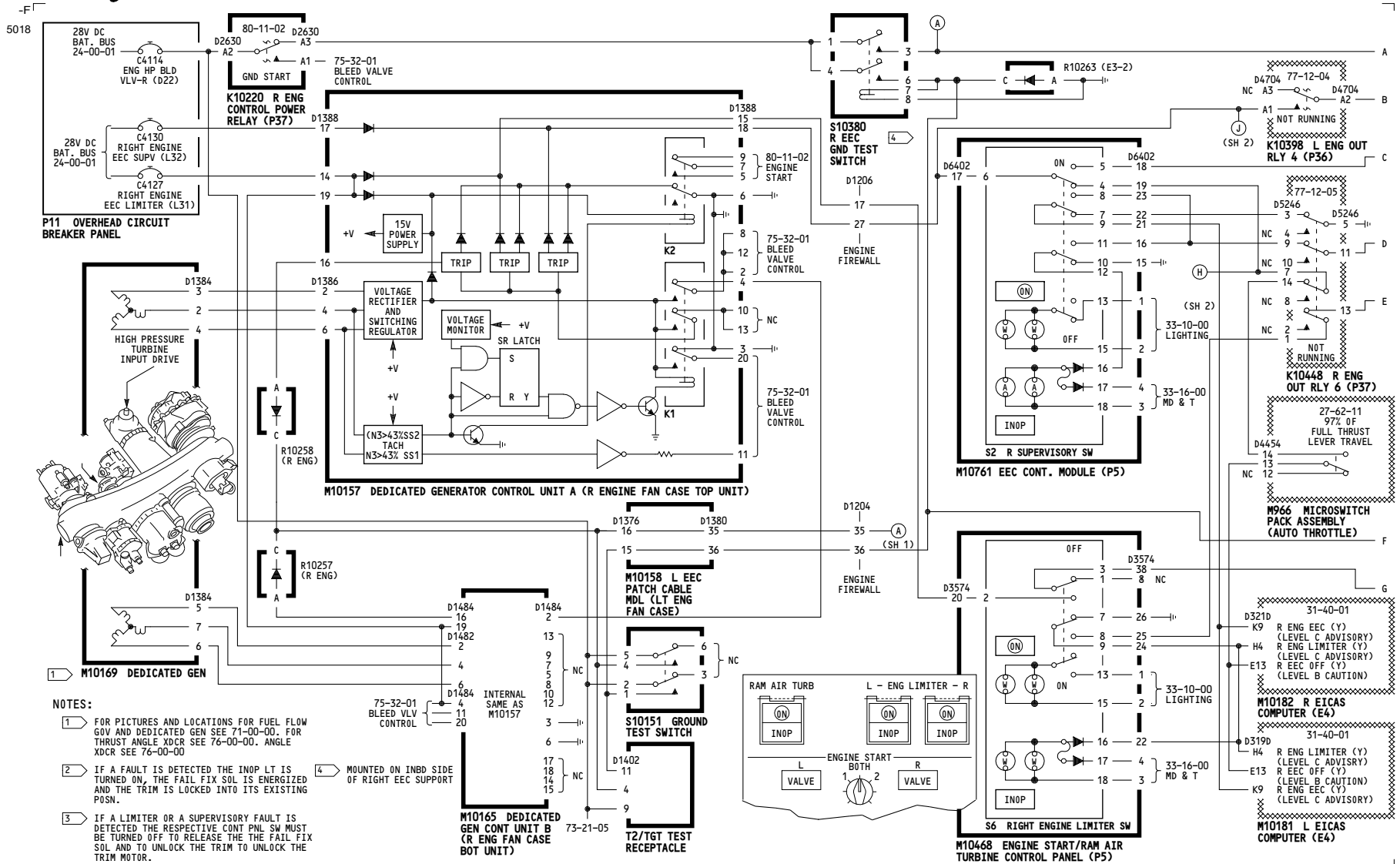
001-099

**RIGHT ENGINE
ELECTRONIC CONTROL**

D280N032S

73-21-05

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Sheet 2
Jan 21/2005



NOTES:

- FOR PICTURES AND LOCATIONS FOR FUEL FLOW GOV AND DEDICATED GEN SEE 71-00-00. FOR THRUST ANGLE XDCR SEE 76-00-00. ANGLE XDCR SEE 76-00-00
- IF A FAULT IS DETECTED THE INOP LT IS TURNED ON, THE FAIL FIX SOL IS ENERGIZED AND THE TRIM IS LOCKED INTO ITS EXISTING POSN.
- IF A LIMITER OR A SUPERVISORY FAULT IS DETECTED THE RESPECTIVE CONT PNL SW MUST BE TURNED OFF TO RELEASE THE THE FAIL FIX SOL AND TO UNLOCK THE TRIM TO UNLOCK THE TRIM MOTOR.

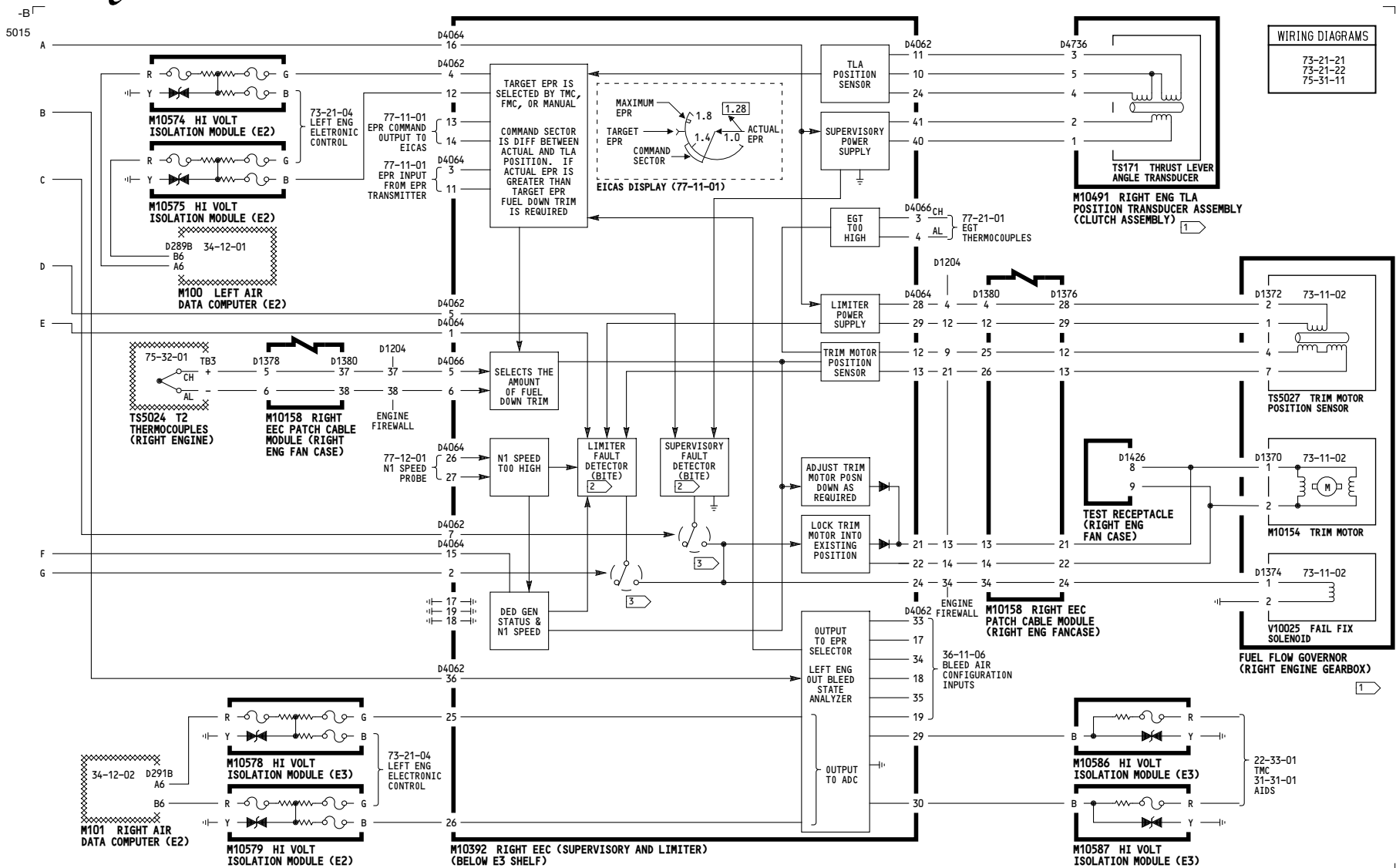
4 MOUNTED ON INBD SIDE OF RIGHT EEC SUPPORT

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RIGHT ENGINE ELECTRONIC CONTROL

D280N032S

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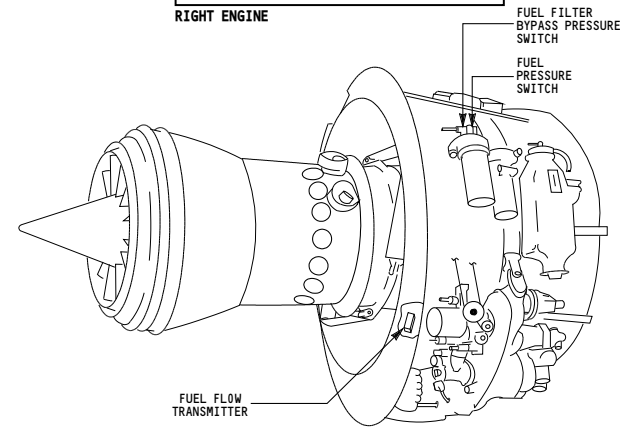
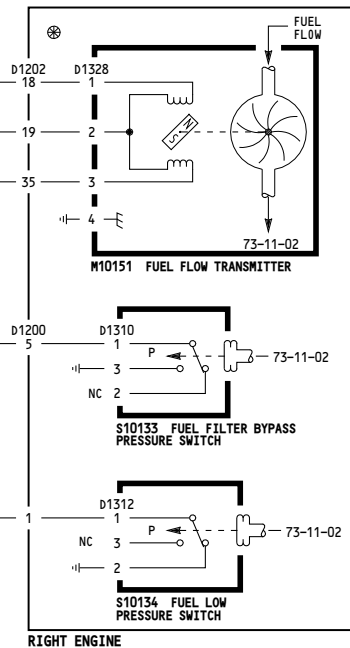
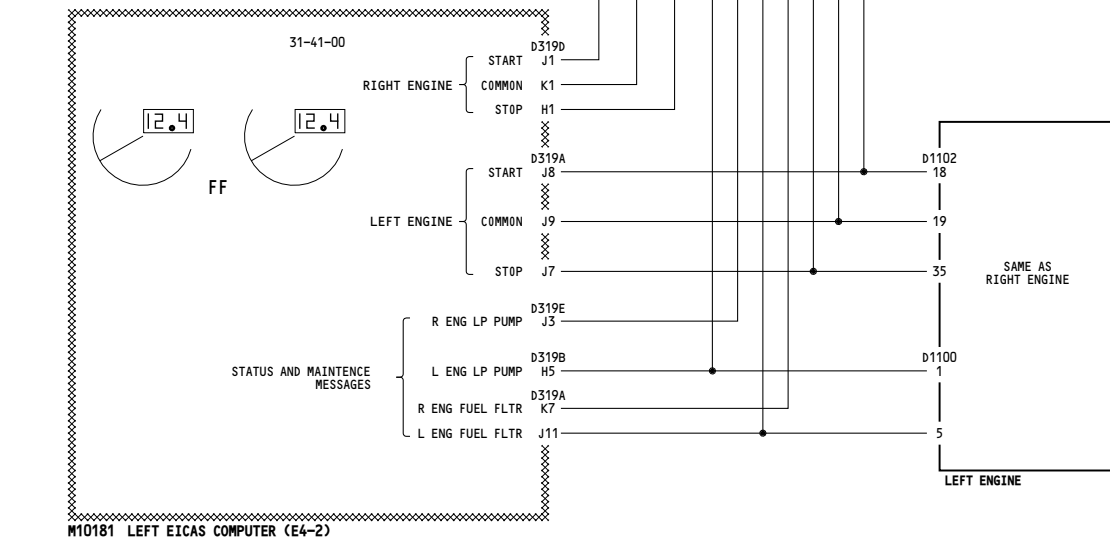
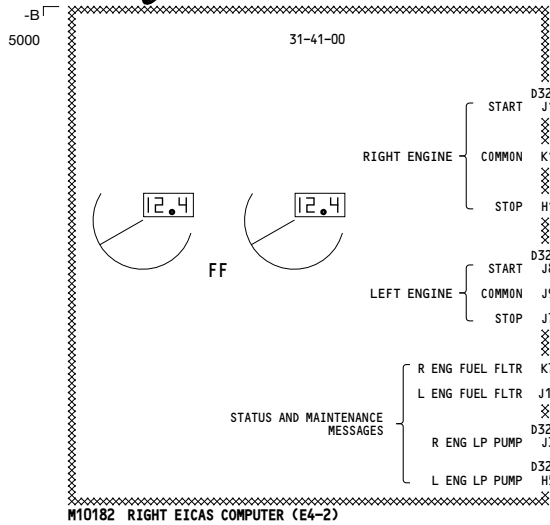


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**RIGHT ENGINE
ELECTRONIC CONTROL**

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ALL	FUEL FLOW INDICATION
	D280N032S