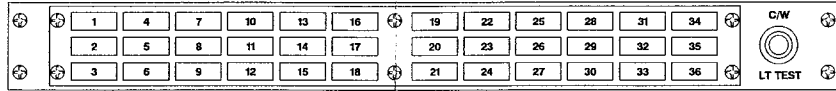


MANUFACTURER'S DATA



CAUTION/WARNING/ADVISORY ANNUNCIATORS

POSITION	ANNUNCIATOR	COLOR	DIMMABLE	ACTIVATION POLARITY	ACTIVATION CONDITION
1	FLOAT TEST	GREEN	NO	28 VDC	FLOAT TEST SWITCH PRESSED AND HELD WHILE FLOAT INFLATION SWITCH IS ALSO PRESSED AND HELD
2	SPARE	AMBER	YES	28 VDC	N/A
3	ENGINE ANTI-ICE	WHITE	YES	GND	ENGINE ANTI-ICE PRESSURE SWITCH ACTIVATED (ANTI-ICE ON) ADDED AT S/N 53095 AND SUB. SPARE SEGMENT ON S/N 53000 THRU 53094
4	FLOAT ARM	AMBER	YES	28 VDC	FLOAT ARM SWITCH IN ARMED POSITION
5	AUTO RELIGHT	WHITE	YES	GND	IGNITOR RELAY ENERGIZED
6	START	WHITE	YES	GND	STARTER RELAY ENERGIZED
7	BAGGAGE DOOR	AMBER	YES	GND	BAGGAGE DOOR SWITCH CONTACTS CLOSED (BAGGAGE DOOR OPEN)
8	LITTER DOOR	AMBER	YES	GND	LITTER DOOR SWITCH CONTACTS CLOSED (LITTER DOOR OPEN)
9	HEATER OVERTEMP	AMBER	YES	28 VDC	AIRCOMM BLEED AIR HEATER TEMP SENSOR ACTIVATED (SENSOR CLOSURES AT 220±8°F (104±4.4°C), OPENS AT 200±8°F (93±4.4°C))
10	L/FUEL BOOST	AMBER	YES	GND	MAIN FUEL TANK-LEFT FUEL PRESSURE SWITCH ACTIVATED (SWITCH CONTACT MADE AT 1.5±0.5 PSI DECREASING, BROKEN AT 5 PSI MAX INCREASING)
11	L/FUEL XFR	AMBER	YES	GND	FWD. FUEL TANK-LEFT FUEL PRESSURE SWITCH ACTIVATED (SWITCH CONTACT MADE AT 1.5±0.5 PSI DECREASING, BROKEN AT 5 PSI MAX INCREASING)
12	FUEL FILTER	AMBER	YES	GND	AIRFRAME FUEL FILTER IMPENDING BYPASS INDICATOR SWITCH CLOSED (SWITCH A TO B CONTACT MADE AT 0.875±0.125 PSI DIFFERENTIAL)
13	R/FUEL BOOST	AMBER	YES	GND	MAIN FUEL TANK-RIGHT FUEL PRESSURE SWITCH ACTIVATED (SWITCH CONTACT MADE AT 1.5±0.5 PSI DECREASING, BROKEN AT 5 PSI MAX INCREASING)
14	R/FUEL XFR	AMBER	YES	GND	FWD. FUEL TANK-RIGHT FUEL PRESSURE SWITCH ACTIVATED (SWITCH CONTACT MADE AT 1.5±0.5 PSI DECREASING, BROKEN AT 5 PSI MAX INCREASING)
15	FUEL VALVE	AMBER	YES	GND	FUEL SHUTOFF VALVE RELAY DE-ENERGIZED (RELAY IS DE-ENERGIZED WHEN FUEL SHUTOFF VALVE IS IN TRANSIT)
16	FADEC FAULT	AMBER	YES	GND	FADEC/ECU SENSES CERTAIN PROTECTION FEATURES ARE NOT FUNCTIONAL AND SUPPLIES GROUND PATH FOR CAUTION LIGHT.
17	RESTART FAULT	WHITE	YES	GND	FADEC/ECU SENSES AN INTERNAL FAULT THAT MAY INHIBIT A NORMAL START PROCEDURE AND SUPPLIES A GROUND PATH FOR CAUTION LIGHT.
18	FUEL LOW	AMBER	YES	GND	LOW LEVEL DETECTOR CONTACTS CLOSED (THIS WILL OCCUR AT APPROXIMATELY 110±15 LBS.)
19	FADEC FAIL	RED	YES	GND	FADEC/ECU SENSES AN INTERNAL FAILURE AND SUPPLIES A GROUND PATH FOR WARNING LIGHT.
20	FADEC DEGRADED	AMBER	YES	GND	FADEC/ECU SENSES DEGRADED PERFORMANCE AND SUPPLIES A GROUND PATH FOR CAUTION LIGHT
21	FADEC MANUAL	AMBER	YES	GND	FADEC AUTO/MANUAL RELAY DE-ENERGIZED (RELAY DE-ENERGIZED IF ECU FAILS TO MANUAL OR IF AUTO/MANUAL SWITCH SELECTED TO MANUAL)
22	ENGINE CHIP	AMBER	YES	GND	GROUND PATH COMPLETED THROUGH ONE OF THE TWO ENGINE CHIP DETECTORS
23	XMSN CHIP	AMBER	YES	GND	GROUND PATH COMPLETED THROUGH ONE OF THE TWO TRANSMISSION CHIP DETECTORS OR FREE WHEELING CHIP DETECTOR
24	T/R CHIP	AMBER	YES	GND	GROUND PATH COMPLETED THROUGH TAIL ROTOR CHIP DETECTOR
25	GEN FAIL	AMBER	YES	GND	GENERATOR RELAY DE-ENERGIZED
26	XMSN OIL PRESS	RED	YES	GND	TRANSMISSION OIL PRESSURE SWITCH ACTIVATED (SWITCH CONTACT MADE AT 30±2 PSI DECREASING, BROKEN AT 38 PSI MAX INCREASING)
27	CHECK INSTR	AMBER	YES	GND	AN EXCEEDANCE HAS BEEN OR IS ABOUT TO BE DETECTED BY THE ENGINE TORQUE IND., GAS PRODUCER IND., OR MGT IND.
28	BATTERY RELAY	AMBER	YES	GND	BATTERY RELAY IN ENERGIZED POSITION WITH BATTERY SWITCH POSITIONED TO OFF
29	XMSN OIL TEMP	RED	YES	GND	TRANSMISSION OIL TEMP SWITCH ACTIVATED (SWITCH WILL ACTIVATE AT A RISING TEMPERATURE OF 230±10°F OR 110±5.6°C)
30	HYDRAULIC SYSTEM	AMBER	YES	GND	HYDRAULIC PRESSURE SWITCH A TO B CONTACT MADE (A TO B CONTACT BROKEN AT 750 +0/-100 PSI INCREASING, MADE AT 650 +100/0 DECREASING)
31	BATTERY HOT	RED	NO	GND	BATTERY TEMPERATURE THERMAL SWITCH ACTIVATED (7 AMP BATTERY ACTIVATES AT 145 F (62.7±2.8°C) 28 AMP ACTIVATES AT 160±5°F (71.1±2.8°C RISING TEMPERATURE)
32	ENGINE OVSPD	RED	NO	GND	FADEC/ECU SENSES NG OR NP OVERSPEED AND SUPPLIES GROUND TO ILLUMINATE ANNUNCIATOR
33	CYCLIC CENTERING	AMBER	YES	GND	SKID GEAR SWITCH SENSING WEIGHT OF AIRCRAFT AND CYCLIC STICK NOT CENTERED CAUSES LIGHT TO COME ON
34	ENGINE OUT	RED	NO	GND	ENGINE OUT RELAY ENERGIZED (RELAY ENERGIZED AT DETECTION OF FLAMEOUT OR LESS THAN 55 ±1.0% NG) BY FADEC IN AUTO MODE AND NG INDICATOR AT LESS THAN 55 ±1.0% IN MANUAL MODE
35	PEDAL STOP	AMBER	YES	GND	INPUT POWER TO PRCU IS UNAVAILABLE OR INSUFFICIENT, INCORRECT SOLENOID POSITION, AIR DATA PRESSURE OUTPUT IS INVALID OR PRCU SELF TEST FAILURE.
36	RPM	RED	NO	GND	ROTOR RPM SENSOR SWITCH ACTIVATED (E TO A CONTACT MADE AT 95 ±0.5% NR OR BELOW AND 107 ±0.5% NR OR HIGHER)

NOTES

- 1 Segment lettering for spare is .
- 2 Engine anti-ice segment added at S/N 53095 and subsequent. Spare segment on S/N 53000 through 53094.

TYPICAL

Figure 1-7. Caution and Warning Panel