

Citation 560 Annunciators

ANNUNCIATOR	TRIGGER	MW?	ASSOCIATED ANNUNCS
MASTER WARNING	ENG FIRE, AC FAIL, BATT O'TEMP, CAB ALT 10000 FT, OIL PRESS WARN , and both GEN OFF . Press button to stop flashing.		
ENG FIRE	Fire loop has sensed over 500' F temp. Steady illumination. MW comes on if pressed when oil press low light comes on. Press to close fuel SOV, hyd FW SOV, trip field gen, close TR isolation valve, illuminate and arm fire bottle lights (squibs turned to this engine).	MASTER WARNING	BOTTLE ARMED PUSH F/W SHUT OFF L/R
BOTTLE ARMED PUSH	Detonates squib , allowing Halon 1301 to flow to engine nacelle. If ENG FIRE remains illuminated for another 30 seconds, fire the second one. Fuse plug melts at 210' F or 2400 PSI.	MASTER WARNING	ENG FIRE F/W SHUT OFF L/R
AC FAIL	One or both inverters has tripped offline. Will remain illuminated until MW has been reset, even if fault is momentary. Resetting MW will reset this unless both inverters have failed.	MASTER WARNING	
BATT O'TEMP	Battery over 145' F (note volts/amps, batt EMER, note volts amps), will flash if over 160' F (land!).	MASTER WARNING	
CAB ALT 10000 FT	Cabin Pressure over 10,000 ft. Cabin Alt Limit Valves keep cabin from exceed 13,000ft. Masks fall in auto when cabin alt is 13,500 +/- 600 ft	MASTER WARNING	
OIL PRESS WARN L/R	Oil pressure sensor after oil filter in engine senses below 40 PSI. Cross check independent oil pressure gauge.	MASTER WARNING	F/W SHUT OFF L/R
FUEL LOW LEVEL L/R	Fuel Qty is approx 185lbs or less. Magnetic float valve in sump made contact.	MASTER WARNING	
FUEL LOW PRESS L/R	Fuel Pressure sensed below 4.65 PSI (just after shutoff valve, before filter) and throttle out of cutoff. Fuel Boost pump & annun will come on if Boost in NORM, which will extinguish this. Normal 20-30 PSI	MASTER WARNING	F/W SHUT OFF L/R
HYD FLOW LOW L/R	Hydraulic flow low (.33-.5 gpm, normal 3.25 gpm/60 PSI). Often times 1 pump on that side quit. If both come on, probably a leak, which will empty reservoir fast.	MASTER WARNING	F/W SHUT OFF L/R
ENG ANTI-ICE L/R	Wings less than 220'F and Engine Intake less than 300'F, or valves not open with switch in ON. Could also be stator valve heat fail. Eng Anti Ice wont come on until 63% N2 and there is 5 second delay for nacelle/stator anti ice.	MASTER WARNING	
BAGGAGE DOOR L/R	Lock isn't locked on nose baggage compartment.	MASTER WARNING	
GEN OFF L/R	Power Relay is open. Dual fail could signal MW, because it fails AC. With gens in GEN, during start, annun should be out by 38% N2 when start is over.	MASTER WARNING	F/W SHUT OFF L/R
INVERTER FAIL 1/2	Inverter has tripped offline due to DC power fail, AC under or over voltage. (if any of 4 ac busses lost, no AP/FD). If one fails, AC FAIL and MW illuminate. 2 fails, and AC FAIL will stay on.	MASTER WARNING	
POWER BRAKE LOW PRESS	Less than 750 PSI (900-1300 norm), will also illuminate ANTI SKID because that system relies on this one. Plan to use emergency brake lever. Remember no foot brakes, 10 pulls or 5 if you need gear blowdown.	MASTER WARNING	ANTI-SKID INOP GROUND IDLE
EMERG PRESS ON BLD AIR GND	EMER source selected or ACM over heat above 435' F and ACM shuts down, FCISOVs close, EMER opens. If temp drops from 435 to 405 in 12 seconds, reverses this.	MASTER WARNING	
EMERG PRESS ON BLD AIR GND	GND valve not closed. Fails in position. 18 ppm of R engine. L squat locks it closed in the air. Should auto close above 72%, over 74% its locked. In flight, a/c depress at leak rate, as all valves will be closed.	MASTER WARNING	
FUEL FLTR BYPASS L/R	Impending or actual bypass of fuel filter. One side, return to field or find close suitable place. Both? dual flame out likely, get on ground. Could be ice.	MASTER WARNING	

FUEL BOOST ON L/R	Electric power supplied to boost pump. ON: on. NORM: start through 38% n2, xfeed, low fuel press <4.65. OFF: start and xfeed only.	MASTER WARNING	F/W SHUT OFF L/R	
HYD LOW LEVEL HYD PRESS ON	Hydraulic reservoir fluid below .2 gallons. Norm .5, Hi .6	MASTER WARNING		
HYD LOW LEVEL HYD PRESS ON	Hyd System Bypass (loading) Valve has closed, pressure sensed building through 125-145 (norm 60) to 1,500 PSI. To maintain this, relief valve starts to open at 1350. Valve deenergizes open.	MASTER WARNING		
WING O'HEAT L/R	Inboard leading edge temp sensors exceed 160' F. Wing Bleed valve should automatically close (reopens when its cooled down), fails open.	MASTER WARNING		
CABIN DOOR TAILCONE DOOR	Lower forward locking pin on door not in position	MASTER WARNING		
CABIN DOOR TAILCONE DOOR	Aft compartment door not locked	MASTER WARNING		
SPEED BRAKE EXTEND	Speed brake hit up microswitch. Top and bottom are mech linked together, so both should be up. SB auto retract at 85% N2 throttle position, elec fail closed. Locked retracted, locks released by hyd pressure.	MASTER WARNING		
AIR DUCT OHEAT ACM OPRESS	Sensor downstream of ACM and water separator but before bulkhead sensed air temp in duct exceeds 315' F . Decrease temp, should be 11-1 o'clock after takeoff when this might happen.	MASTER WARNING		
AIR DUCT OHEAT ACM OPRESS	ACM pressure is over 42 PSI (74% N2) . Primary pressure switch (72% N2) before GND valve has failed, now secondary press switch closed GND valve .	MASTER WARNING	EMERG PRESS ON	
ANTI-SKID INOP GROUND IDLE	Anti skid system inop. Switch is OFF, or fault has been found, or POWER BRAKE LOW PRESS (will not run without PB system), or normal quick bit test after gear extension.	MASTER WARNING	POWER BRAKE LOW PRESS	
ANTI-SKID INOP GROUND IDLE	Ground Idle is in NORM position while on ground . Select HI for ground anti-ice and 2nd engine start. This bumps N2 from 46% to 52%, increases gen amps 125 to 225, and brings closer to deice valve open speed of 63% n2.	MASTER WARNING		
STBY P/S HTR OFF	Is off or has failed. STBY P/S HTR is on Emergency Bus, but controled by P/S switch.	MASTER WARNING		
P/S HTR OFF L/R	Is off or has failed.	MASTER WARNING		
F/W SHUT OFF L/R	Fire Button pressed and Fuel SOV and Hydraulic Firewall Shutoff Valves are closed . Will cause annuns: OIL PRESS WARN (MW), FUEL LOW PRESS, HYD FLOW LOW, GEN OFF, FUEL BOOST ON, BOTTLE ARMED (x2)	MASTER WARNING	BOTTLE ARMED PUSH	ENG FIRE
W/S AIR OHEAT AOA HTR FAIL	If W/S BLEED is on, temp exceeds 295' F . Bld air valve auto close until cools off. Also if switch is OFF and pressure is above 5 PSI (leak) or has failed open. Use valves to adjust. On gnd, tow not to melt w/s. Use Low (260) RAT >-18', Hi (280) if RAT is colder.	MASTER WARNING		
W/S AIR OHEAT AOA HTR FAIL	Is off or has failed.	MASTER WARNING		
SURFACE DE-ICE	Surface de-ice sensors @ 21 PSI. 6 seconds L and lower, 6 off, 6 seconds R and upper. Hold manual for all at once.	MASTER WARNING		
DOOR SEAL	Cabin Door Seal not inflated.	MASTER WARNING		
ARM	Greater than 200 PSI on pressure switch right after TR Isolation valve (SPBV valve closed, isolation valve open). MW in air.		HYD PRESS ON	
UNLOCK	Locked limit switch no longer pressed down due to TR actuator movement.		HYD PRESS ON	
DEPLOY	Deploy limit switch activated. TR lever lock energizes unlocked.		HYD PRESS ON	
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