

AST	A 319/320/321 Abnormal operation guide	V .1.0
------------	---	--------

Abnormal Operation

ELEC ACC ESS BUS FAULT

Message	Description
FAULTID: 320	The essential bus is inoperable because of no AC power.
<u>ELEC ACC ESS BUS FAULT</u>	
ACTION :	ESS FEED.....ALTN
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE	AC ESS CONNECTOR

ELEC GEN 1 FAULT

Message	Description
FAULTID: 350 / 351	The generator1 bus is not working.
<u>ELEC GEN 1 FAULT</u>	
ACTION :	SWITCH GEN 1OFF THEN ON *IF NOT SUCCESSFULLY SWITCH GEN 1OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	GEN 1 GALLEY
MAINTENANCE :	GEN 1

ELEC IDG 1 FAULT

Message	Description
FAULTID: 355	The IDG1 is not working correct
<u>ELEC IDG 1 FAULT</u>	
ACTION :	SWITCH IDG 1OFF SWITCH GEN 1OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	IDG 1 GEN 1 GALLEY
MAINTENANCE :	IDG 1

ELEC GEN 2 FAULT

Message	Description
FAULTID: 360 / 361	The generator2 bus is not working.
<u>ELEC GEN 2 FAULT</u>	
ACTION :	SWITCH GEN 2OFF THEN ON *IF NOT SUCCESFULLY SWITCH GEN 2OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	GEN 2 GALLEY
MAINTENANCE :	GEN 2

ELEC IDG 1 FAULT

Message	Description
FAULTID: 365	The IDG2 is not working correct
<u>ELEC IDG 1 FAULT</u>	
ACTION :	SWITCH IDG 2OFF SWITCH GEN 2OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	IDG 2 GEN 2 GALLEY
MAINTENANCE :	IDG 2

BLEED ENG 1 BLEED FAULT

Message	Description
FAULTID: 560 / 561	Engine 1 bleed fault.
<u>BLEED ENG 1 BLEED FAULT</u>	
ACTION :	SWITCH BLEED 1OFF THE ON *IF NOT SUCCESFULLY SWITCH BLEED 1OFF SWITCH X BLEEDOPEN
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	ENG 1 BLEED
STS :	*IF WAI USE ONE PACK ONLY *IF APPR. APU.....ON X BLEED.....OPEN

BLEED ENG 2 BLEED FAULT

Message	Description
FAULTID: 570 / 571	Engine 2 bleed fault.
<u>BLEED ENG 2 BLEED FAULT</u>	
ACTION :	SWITCH BLEED 2OFF THE ON *IF NOT SUCCESFULLY SWITCH BLEED 2OFF SWITCH X BLEEDOPEN
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	ENG 1 BLEED
STS :	*IF WAI USE ONE PACK ONLY *IF APPR. APU.....ON X BLEED.....OPEN

APU START VOLT LOW

Message	Description
FAULTID: 890	APU init fault.
<u>APU</u> START VOLT LO	
ACTION :	APU MASTER.....OFF RESTART APU *IF NOT SUCCESSFULLY CONNECT GPU CHARGE BATTERY 1+2 up to 18.0 Volt
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None

F/CTL ELAC 1 FAULT

Message	Description
FAULTID: 1100/1101	ELAC 1 is out of order.
<u>F/CTL ELAC 1 FAULT</u>	
ACTION :	ELAC 1.....OFF THEN ON *IF NOT SUCCESFULLY ELAC 1OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	ELAC 1

F/CTL ELAC 2 FAULT

Message	Description
FAULTID: 1102/1103	ELAC 2 is out of order.
<u>F/CTL ELAC 2 FAULT</u>	
ACTION :	ELAC 2.....OFF THEN ON *IF NOT SUCCESFULLY ELAC 2OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	ELAC 2

F/CTL SEC 1 FAULT

Message	Description
FAULTID: 1104/1105	SEC 1 is out of order.
<u>F/CTL SEC 1 FAULT</u>	
ACTION :	SEC 1.....OFF THEN ON *IF NOT SUCCESFULLY SEC 1OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	SEC 1

F/CTL SEC 2 FAULT

Message	Description
FAULTID: 1106/1107	SEC 2 is out of order.
<u>F/CTL SEC 2 FAULT</u>	
ACTION :	SEC 2.....OFF THEN ON *IF NOT SUCCESSFULLY SEC 2OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	SEC 2

F/CTL SEC 3 FAULT

Message	Description
FAULTID: 1108/1109	SEC 3 is out of order.
<u>F/CTL SEC 3 FAULT</u>	
ACTION :	SEC 3.....OFF THEN ON *IF NOT SUCCESSFULLY SEC 3OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	SEC 3

F/CTL FAC 1 FAULT

Message	Description
FAULTID: 1110/1111	FAC 1 is out of order.
<u>F/CTL FAC 1 FAULT</u>	
ACTION :	FAC 1.....OFF THEN ON *IF NOT SUCCESFULLY FAC 1OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	FAC 1

F/CTL FAC 2 FAULT

Message	Description
FAULTID: 1112/1113	FAC 2 is out off order.
<u>F/CTL FAC 2 FAULT</u>	
ACTION :	FAC 2.....OFF THEN ON *IF NOT SUCCESFULLY FAC 2OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	FAC 2

APU APU FIRE LOOP A

Message	Description
FAULTID: 1430	Fire loop A is out of order.
<u>APU</u> FIRE LOOP A	
ACTION :	None
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	FIRE LOOP A
MAINTENANCE :	FIRE LOOP A

APU APU FIRE LOOP B

Message	Description
FAULTID: 1431	Fire loop B is out of order.
<u>APU</u> FIRE LOOP B	
ACTION :	None
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	FIRE LOOP B
MAINTENANCE :	FIRE LOOP B

FIRE SMOKE LAVATORY

Message	Description
FAULTID: 1461	Smoke detected in the lavatory.
<u>FIRE SMOKE LAVATORY</u>	
ACTION :	ALERT CREW
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	None

FIRE SMOKE AFT CARGO

Message	Description
FAULTID: 1480	Smoke detected in the cargo compartment.
<u>FIRE SMOKE AFT CARGO</u>	
ACTION :	ALERT CREW LAND ASAP
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	None

FIRE SMOKE FWD CARGO

Message	Description
FAULTID: 1490	Smoke detect in the cargo compartment.
<u>FIRE SMOKE FWD CARGO</u>	
ACTION :	ALERT CREW LAND ASAP
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	None

BLEED PACK 1 FAULT

Message	Description
FAULTID: 1600	Pack 1 fault detected.
<u>BLEED PACK 1</u>	
ACTION :	PACK 1...OFF THEN ON *IF NOT SUCCESSFULLY X BLEED.....OPEN *IF NOT SUCCESSFULLY X BLEED.....AUTO PACK 1.....OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	PACK 1
MAINTENANCE :	None

BLEED PACK 2 FAULT

Message	Description
FAULTID: 1700	Pack 2 fault detected.
<u>BLEED PACK 2</u>	
ACTION :	PACK 2...OFF THEN ON *IF NOT SUCCESSFULLY X BLEED.....OPEN *IF NOT SUCCESSFULLY X BLEED.....AUTO PACK 2.....OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	PACK 2
MAINTENANCE :	None

APU FUEL EMPTY FAULT

Message	Description
FAULTID: 1780	APU is out of fuel.
APU FUEL EMPTY	
ACTION :	APU BLEED.....OFF APU MASTER.....OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	APU
MAINTENANCE :	None

FUEL TANK LOW LEFT

Message	Description
FAULTID: 1800 / 1801	Left fuel tank running low.
<u>FUEL TANK LOW LEFT</u>	
ACTION :	L TK PUMP 1.....OFF L TK PUMP 2.....OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	APU L FUEL PUMP 1+2
MAINTENANCE :	None

FUEL TANK LOW CTR

Message	Description
FAULTID: 1850 / 1851	Center fuel tank running low.
<u>FUEL TANK LOW CTR</u>	
ACTION :	CTR TK PUMP 1.....OFF CTR TK PUMP 2.....OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	CRT FUEL PUMP 1+2
MAINTENANCE :	None

FUEL TANK LOW RIGHT

Message	Description
FAULTID: 1900 / 1901	Right fuel tank running low.
<u>FUEL TANK LOW RIGHT</u>	
ACTION :	R TK PUMP 1.....OFF R TK PUMP 2.....OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	R FUEL PUMP 1+2
MAINTENANCE :	None

FUEL L+R WING TK LO LVL

Message	Description
FAULTID: 2100	Left and right wing tank have low level.
<u>FUEL</u> L+R WING TK LO LVL	
ACTION :	ASAP
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	None

FUEL L+R BALANCE

Message	Description
FAULTID: 2101	Imbalance between left and right wing tank.
<u>FUEL L+R BALANCE</u>	
ACTION :	RECOVER BALANCE LOW FUEL TK PUMPS.....OFF *IF BALANCE RECOVERT FUEL TK PUMPS.....ON
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	None

FUEL L PUMP 1 FAULT

Message	Description
FAULTID: 2200 / 2201	Left fuel pump 1 fault.
<u>FUEL L PUMP 1 FAULT</u>	
ACTION :	L TK PUMP 1 OFF THEN ON *IF NOT SUCCESFULLY L TK PUMP 1.....OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	L TK PUMP 1
MAINTENANCE :	None

FUEL L PUMP 2 FAULT

Message	Description
FAULTID: 2220 / 2221	Left fuel pump2 fault.
<u>FUEL L PUMP 2 FAULT</u>	
ACTION :	L TK PUMP 2 OFF THEN ON *IF NOT SUCCESFULLY L TK PUMP 2.....OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	L TK PUMP 2
MAINTENANCE :	None

FUEL R PUMP 1 FAULT

Message	Description
FAULTID: 2300/ 2301	Right fuel pump 1 fault.
<u>FUEL R PUMP 1 FAULT</u>	
ACTION :	R TK PUMP 1 OFF THEN ON *IF NOT SUCCESFULLY R TK PUMP 1.....OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	R TK PUMP 1
MAINTENANCE :	None

FUEL R PUMP 2 FAULT

Message	Description
FAULTID: 2320 / 2321	Right fuel pump 2 fault.
<u>FUEL R PUMP 2 FAULT</u>	
ACTION :	R TK PUMP 2 OFF THEN ON *IF NOT SUCCESFULLY R TK PUMP 2.....OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	R TK PUMP 2
MAINTENANCE :	None

FUEL CTR PUMP 1 FAULT

Message	Description
FAULTID: 2400 / 2401	Center fuel pump 1 fault.
<u>FUEL CTR PUMP 1 FAULT</u>	
ACTION :	CTR TK PUMP 1 OFF THEN ON *IF NOT SUCCESSFULLY CTR TK PUMP 1.....OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	CTR TK PUMP 1
MAINTENANCE :	None

FUEL CTR PUMP 2 FAULT

Message	Description
FAULTID: 2420 / 2421	Center fuel pump 2 fault.
<u>FUEL CTR PUMP 2 FAULT</u>	
ACTION :	CRT TK PUMP 2 OFF THEN ON *IF NOT SUCCESSFULLY CRT TK PUMP 2.....OFF
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	CRT TK PUMP 2
MAINTENANCE :	None

A-ICE WING ANTI ICE FAULT

Message	Description
FAULTID: 3200	Fault detected in the wing anti-ice system
<u>A-ICE</u> WING ANTI ICE FAULT	
ACTION :	WING AICE.....OFF *NO BLEED AVAIL
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	None

A-ICE ENG 1 ANTI ICE FAULT

Message	Description
FAULTID: 3201	Fault detected in the engine 1 anti-ice system.
<u>A-ICE</u> ENG 1 ANTI ICE FAULT	
ACTION :	ENG 1 AICE.....OFF *NO HI-PRESS BLEED AVAIL
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	None

A-ICE ENG 2 ANTI ICE FAULT

Message	Description
FAULTID: 3202	Fault detected in the engine 2 anti-ice system.
<u>A-ICE</u> ENG 2 ANTI ICE FAULT	
ACTION :	ENG 2 AICE.....OFF *NO HI-PRESS BLEED AVAIL
	Press CLR on the SD control panel.
	Press CLR once more if the light in the CLR button is illuminated.
INOP :	None
MAINTENANCE :	None