

**SIMULATED MALFUNCTIONS LIST*****DESCRIPTION***

<u>Training Device</u>	:	B787-9 FTD 1 - CDG
<u>Titre document</u>	:	Simulated malfunctions list
<u>Nom</u>	:	MALFUNCTIONS_LIST
<u>Révision</u>	:	1
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	Nom	Entité	Date
Rédaction :	Pascal Nedjar	OA.TG_EO	08/02/2017

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MCD LIST - 109759

21 - AIR CONDITIONING

TF21P_M_0001_L1	CABIN ALTITUDE AUTO, CPCS CONTROLLER FAILURE
TF21A_M_0001_L1	TRIM AIR, DUCT OVERHEAT (TAV FAILED OPEN) (L)
TF21A_M_0002_L1	TRIM AIR, DUCT OVERHEAT (TAV FAILED OPEN) (R)
TF21A_M_0011_L1	PACK, CABIN AIR COMPRESSOR (CAC) OVERHEAT (L)
TF21A_M_0012_L1	PACK, CABIN AIR COMPRESSOR (CAC) OVERHEAT (R)
TF21P_M_0011_L1	CABIN ALTITUDE, RAPID CABIN DEPRESSURIZATION
TF21P_M_0041_L1	OUTFLOW VALVE, OUTFLOW VALVE FAILURE (FWD)
TF21P_M_0042_L1	OUTFLOW VALVE, OUTFLOW VALVE FAILURE (AFT)
TF21A_M_0121_L1	PACK MODE, PACK MODE (L)
TF21A_M_0122_L1	PACK MODE, PACK MODE (R)
TF21A_M_0031_L1	LIQUID COOLING, COOLING LEAK (L)
TF21A_M_0032_L1	LIQUID COOLING, COOLING LEAK (R)
TF21A_M_0051_L1	EQUIP FLOW DET FWD, BOTH FWD EE CLG SENSORS FAIL (FWD)
TF21A_M_0052_L1	EQUIP FLOW DET FWD, BOTH FWD EE CLG SENSORS FAIL (AFT 1)
TF21A_M_0053_L1	EQUIP FLOW DET FWD, BOTH FWD EE CLG SENSORS FAIL (AFT 2)
TF21A_M_0054_L1	EQUIP FLOW DET FWD, BOTH FWD EE CLG SENSORS FAIL (FD)
TF21P_M_0021_L1	CPCS REMOTE SENSOR, REMOTE SENSOR UNIT FAILURE (FWD)
TF21P_M_0022_L1	CPCS REMOTE SENSOR, REMOTE SENSOR UNIT FAILURE (AFT)
TV21P_M_0001_F4	CABIN ALTITUDE, VARIABLE RATE CABIN DEPRESS
TF21A_M_0021_L1	CPRSR DEFLECTOR DOOR L, CPRSR DOOR FAILURE (L)
TF21A_M_0022_L1	CPRSR DEFLECTOR DOOR L, CPRSR DOOR FAILURE (R)
TF21A_M_0061_L1	LIQUID COOLING QTY SNSR, PECS SENSORS FAILURE (L)
TF21A_M_0062_L1	LIQUID COOLING QTY SNSR, PECS SENSORS FAILURE (R)
TF21A_M_0071_L1	INTEGRATED COOLING, INTEGRATED COOLING SYSTEM LEAK
TF21A_M_0081_L1	EQUIP CLG OVRD, EQUIPMENT CLG OVRD (FWD)
TF21A_M_0082_L1	EQUIP CLG OVRD, EQUIPMENT CLG OVRD (AFT)
TF21A_M_0101_L1	SMOKE EQUIP CLG, SMOKE IN EQUIPMENT COOLING (FWD)
TF21A_M_0102_L1	SMOKE EQUIP CLG, SMOKE IN EQUIPMENT COOLING (AFT)
TF21A_M_0131_L1	TRIM AIR, DUCT OVERHEAT (PRSOV FAILED OPEN) (L)
TF21A_M_0132_L1	TRIM AIR, DUCT OVERHEAT (PRSOV FAILED OPEN) (R)

22 - AUTOPILOT

TF22_M_0001_L1	AUTOTHROTTLE DISC, AUTOTHROTTLE DISCONNECT
TF22_M_0011_L1	AUTOPILOT DISC, AUTOPILOT FAILURE
TF22_M_0031_L1	NO LAND 3, AUTOLAND 3 REVERTS TO AUTOLAND 2
TF22_M_0041_L1	AUTOPILOT, A/P ENGAGED MODE FAILURE
TF22_M_0061_L1	AUTOTHROTTLE, AUTOTHROTTLE FAILURE (L)
TF22_M_0062_L1	AUTOTHROTTLE, AUTOTHROTTLE FAILURE (R)
TF22_M_0071_L1	AUTOFLIGHT FUNCTION, AUTOFLIGHT FUNCTION DEGRADED
TF22_M_0091_L1	NO AUTOLAND, AUTOLAND FAILURE PRIOR TO APPROACH
TF22_M_0101_L1	A/P BACKDRIVE COLUMN, A/P BACKDRIVE FAILURE-COLUMN

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TF22_M_0111_L1	A/P BACKDRIVE PEDAL, A/P BACKDRIVE FAILURE-PEDAL
TF22_M_0121_L1	A/P BACKDRIVE WHEEL, A/P BACKDRIVE FAILURE-WHEEL
23 - COMMUNICATIONS	
TF23_M_0001_L1	N/A, VHF INTERNAL FAILURE (VHF L)
TF23_M_0002_L1	N/A, VHF INTERNAL FAILURE (VHF R)
TF23_M_0003_L1	N/A, VHF INTERNAL FAILURE (VHF C)
TF23_M_0011_L1	DATALINK LOST, DATALINK LOST
TF23_M_0021_L1	SATCOM, SATCOM FAILURE
TF23_M_0031_L1	SATCOM ANTENNA SYS, SATCOM ANTENNA FAILURE
24 - ELECTRICAL POWER	
TF24_M_0001_L1	ELEC GEN OFF, MAIN GENERATOR FAILURE (L1)
TF24_M_0002_L1	ELEC GEN OFF, MAIN GENERATOR FAILURE (L2)
TF24_M_0003_L1	ELEC GEN OFF, MAIN GENERATOR FAILURE (R1)
TF24_M_0004_L1	ELEC GEN OFF, MAIN GENERATOR FAILURE (R2)
TF24_M_0011_L1	ELEC AC BUS, 235V AC BUS FAILURE (L1)
TF24_M_0012_L1	ELEC AC BUS, 235V AC BUS FAILURE (L2)
TF24_M_0013_L1	ELEC AC BUS, 235V AC BUS FAILURE (R1)
TF24_M_0014_L1	ELEC AC BUS, 235V AC BUS FAILURE (R2)
TF24_M_0021_L1	ELEC STANDBY SYS, STANDBY POWER FAILURE
TF24_M_0031_L1	ELEC GEN DRIVE, GENERATOR DRIVE FAILURE (L1)
TF24_M_0032_L1	ELEC GEN DRIVE, GENERATOR DRIVE FAILURE (L2)
TF24_M_0033_L1	ELEC GEN DRIVE, GENERATOR DRIVE FAILURE (R1)
TF24_M_0034_L1	ELEC GEN DRIVE, GENERATOR DRIVE FAILURE (R2)
TF24_M_0041_L1	ELEC GEN OFF, ASG FAILURE (L)
TF24_M_0042_L1	ELEC GEN OFF, ASG FAILURE (R)
TF24_M_0071_L1	ELEC 28V DC BUS, MAIN DC BUS FAILURE (L)
TF24_M_0072_L1	ELEC 28V DC BUS, MAIN DC BUS FAILURE (R)
TF24_M_0051_L1	ELEC TRU, TRU FAILURE (L)
TF24_M_0052_L1	ELEC TRU, TRU FAILURE (R)
TF24_M_0053_L1	ELEC TRU, TRU FAILURE (C1)
TF24_M_0054_L1	ELEC TRU, TRU FAILURE (C2)
TF24_M_0081_L1	ELEC HVDC SYS, ATRU FAILURE (L1)
TF24_M_0082_L1	ELEC HVDC SYS, ATRU FAILURE (L2)
TF24_M_0083_L1	ELEC HVDC SYS, ATRU FAILURE (R1)
TF24_M_0084_L1	ELEC HVDC SYS, ATRU FAILURE (R2)
TF24_M_0091_L1	ELEC DISTR CH, PWR PNL COMMUNICATIONS FAILURE (P100)
TF24_M_0092_L1	ELEC DISTR CH, PWR PNL COMMUNICATIONS FAILURE (P200)
TF24_M_0093_L1	ELEC DISTR CH, PWR PNL COMMUNICATIONS FAILURE (P300)
TF24_M_0094_L1	ELEC DISTR CH, PWR PNL COMMUNICATIONS FAILURE (P400)
TF24_M_0101_L1	ELEC MC CAC L1/START L1, COMMON MTR START CTRL FAIL (L1)
TF24_M_0102_L1	ELEC MC CAC L1/START L1, COMMON MTR START CTRL FAIL (L2)
TF24_M_0103_L1	ELEC MC CAC L1/START L1, COMMON MTR START CTRL FAIL (R1)
TF24_M_0104_L1	ELEC MC CAC L1/START L1, COMMON MTR START CTRL FAIL (R2)
TF24_M_0121_L1	MAIN BATTERY DISCH, MAIN BATTERY DISCHARGE

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TF24_M_0131_L1	MAIN BATTERY LOW, MAIN BATTERY LOW
TF24_M_0151_L1	MAIN BATTERY, MAIN BATTERY FAILURE
TF24_M_0161_L1	APU BATTERY, APU BATTERY FAILURE
TF24_M_0181_L1	ELEC BUS PWR CTRL UNIT, BPCU INTERNAL FAILURE (L)
TF24_M_0182_L1	ELEC BUS PWR CTRL UNIT, BPCU INTERNAL FAILURE (R)
26 - FIRE PROTECTION	
TF26_M_0001_L1	FIRE APU, APU FIRE
TF26_M_0011_L1	FIRE CARGO, CARGO FIRE (FWD)
TF26_M_0012_L1	FIRE CARGO, CARGO FIRE (AFT)
TF26_M_0021_L1	FIRE ENG, ENGINE FIRE - NO POWER LOSS - 1 BOTTLE (L)
TF26_M_0022_L1	FIRE ENG, ENGINE FIRE - NO POWER LOSS - 1 BOTTLE (R)
TF26_M_0031_L1	OVERHEAT ENG, ENGINE OVERHEAT (L)
TF26_M_0032_L1	OVERHEAT ENG, ENGINE OVERHEAT (R)
TF26_M_0041_L1	FIRE WHEEL WELL, WHEEL WELL FIRE
TF26_M_0051_L1	FIRE ENG, ENGINE FIRE - NO POWER LOSS - 2 BOTTLES (L)
TF26_M_0052_L1	FIRE ENG, ENGINE FIRE - NO POWER LOSS - 2 BOTTLES (R)
TF26_M_0071_L1	FIRE ENG, ENG FIRE-NO PWR LOSS-NON-EXTINGUISHABLE (L)
TF26_M_0072_L1	FIRE ENG, ENG FIRE-NO PWR LOSS-NON-EXTINGUISHABLE (R)
TF26_M_0081_L1	SMOKE REST UPR DR, SMOKE IN OVERHEAD CREW REST (1)
TF26_M_0084_L1	SMOKE REST UPR DR, SMOKE IN OVERHEAD CREW REST (4)
TF26_M_0101_L1	BOTTLE 1X CARGO PRESS, CARGO FIRE PROTECTION FAIL (1A)
TF26_M_0102_L1	BOTTLE 1X CARGO PRESS, CARGO FIRE PROTECTION FAIL (1B)
TF26_M_0103_L1	BOTTLE 2X CARGO PRESS, CARGO FIRE PROTECTION FAIL (2A)
TF26_M_0104_L1	BOTTLE 2X CARGO PRESS, CARGO FIRE PROTECTION FAIL (2B)
TF26_M_0105_L1	BOTTLE 2X CARGO PRESS, CARGO FIRE PROTECTION FAIL (2C)
TF26_M_0111_L1	BOTTLE 1X CARGO SQUIB, CARGO SQUIB FAIL (1A)
TF26_M_0112_L1	BOTTLE 1X CARGO SQUIB, CARGO SQUIB FAIL (1B)
TF26_M_0113_L1	BOTTLE 2X CARGO SQUIB, CARGO SQUIB FAIL (2A)
TF26_M_0114_L1	BOTTLE 2X CARGO SQUIB, CARGO SQUIB FAIL (2B)
TF26_M_0115_L1	BOTTLE 2X CARGO SQUIB, CARGO SQUIB FAIL (2C)
TF26_M_0161_L1	ENG FIRE DET, DETECTION FAIL (2A, 2B) (2A L)
TF26_M_0162_L1	ENG FIRE DET, DETECTION FAIL (2A, 2B) (2B L)
TF26_M_0163_L1	ENG FIRE DET, DETECTION FAIL (2A, 2B) (2A R)
TF26_M_0164_L1	ENG FIRE DET, DETECTION FAIL (2A, 2B) (2B R)
TF26_M_0171_L1	ENG FIRE DET, DETECTION FAIL (3A, 3B) (3A L)
TF26_M_0172_L1	ENG FIRE DET, DETECTION FAIL (3A, 3B) (3B L)
TF26_M_0173_L1	ENG FIRE DET, DETECTION FAIL (3A, 3B) (3A R)
TF26_M_0174_L1	ENG FIRE DET, DETECTION FAIL (3A, 3B) (3B R)
TF26_M_0181_L1	ENG FIRE DET, DETECTION FAIL (4A, 4B) (4A L)
TF26_M_0182_L1	ENG FIRE DET, DETECTION FAIL (4A, 4B) (4B L)
TF26_M_0183_L1	ENG FIRE DET, DETECTION FAIL (4A, 4B) (4A R)
TF26_M_0184_L1	ENG FIRE DET, DETECTION FAIL (4A, 4B) (4B R)
TF26_M_0201_L1	ENG FIRE DET, DETECTION FAIL (6A, 6B) (6A L)
TF26_M_0202_L1	ENG FIRE DET, DETECTION FAIL (6A, 6B) (6B L)

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TF26_M_0203_L1	ENG FIRE DET, DETECTION FAIL (6A, 6B) (6A R)
TF26_M_0204_L1	ENG FIRE DET, DETECTION FAIL (6A, 6B) (6B R)
TF26_M_0241_L1	OVERHEAT WHEEL WELL, WHEEL WELL OVERHEAT
TF26_M_0091_L1	FIRE WHEEL WELL, FIRE WHEEL WELL - EXTINGUISHABLE
27 - FLIGHT CONTROLS	
TF27F_M_0001_L1	FLAPS DRIVE, FLAP DRIVE UNIT FAILURE
TF27F_M_0011_L1	SLATS PRIMARY FAIL, SLATS PRIMARY FAIL
TF27F_M_0031_L1	FLAPS PRIMARY FAIL, FLAPS PRIMARY FAIL
TF27F_M_0041_L1	FLAP/SLAT CONTROL, FLAP/SLAT CONTROL FAILURE
TF27_M_0011_L1	STABILIZER, STABILIZER ACTUATOR FAILURE
TF27F_M_0051_L1	SLATS DRIVE, SLATS DRIVE UNIT FAILURE
TF27_M_0021_L1	PRI FLIGHT COMPUTERS, PRIMARY FLIGHT COMPUTERS
TF27_M_0031_L1	ROLL/YAW ASYMMETRY, ROLL/YAW ASYMMETRY
TF27_M_0051_L1	ROLL LEFT/RIGHT AUTHORITY, ROLL LEFT/RIGHT AUTHORITY
TF27_M_0041_L1	ROLL LEFT/RIGHT AUTHORITY, ROLL LEFT/RIGHT AUTHORITY
TF27F_M_0061_L1	CRUISE FLAPS SYS, FLAPS VARIABLE CAMBER SYSTEM FAILURE
TF27_M_0061_L1	FLIGHT CONTROL MODE, FLIGHT CONTROL MODE
TF27_M_0101_L1	AUTO SPEEDBRAKE, SPEEDBRAKE DEPLOYMENT FAILURE
TF27F_M_0081_L1	FLAP POSN/SKEW SENSORS, FLAP SKEW SENSOR FAILURE
TF27F_M_0091_L1	CRUISE FLAPS DISAGREE, VARIABLE CAMBER SYSTEM FAIL
TF27_M_0121_L1	SPOILER PAIRS, INOPERATIVE
TF27_M_0071_L1	FLIGHT CONTROLS
TF27_M_0171_L1	ACTUATOR CONTROL ELECTRONICS (C1) FAILURE
28 - FUEL	
TF28_M_0031_L1	FUEL CROSSFEED, FUEL CROSSFEED VALVE FAILURE
TF28_M_0071_L1	FUEL IMBALANCE, FUEL IMBALANCE
TF28_M_0041_L1	FUEL JETTISON SYS, JETTISON SYSTEM FAILURE
TF28_M_0021_L1	FUEL PUMP AFT, MAIN TANK BOOST PUMP PRESS SW FAIL (L FWD)
TF28_M_0022_L1	FUEL PUMP AFT, MAIN TANK BOOST PUMP PRESS SW FAIL (R FWD)
TF28_M_0023_L1	FUEL PUMP AFT, MAIN TANK BOOST PUMP PRESS SW FAIL (L AFT)
TF28_M_0024_L1	FUEL PUMP AFT, MAIN TANK BOOST PUMP PRESS SW FAIL (R AFT)
TF28_M_0011_L1	FUEL PUMP CTR,CTR TANK JETTISON/OVERRIDE PUMP INOP (L)
TF28_M_0012_L1	FUEL PUMP CTR,CTR TANK JETTISON/OVERRIDE PUMP INOP (R)
TF28_M_0131_L1	NITROGEN GEN SYS, NITROGEN GEN SYS (NGS) FAILURE
TF28_M_0001_L1	FUEL PUMP FWD, MAIN TANK BOOST PUMP INOPERATIVE (L FWD)
TF28_M_0002_L1	FUEL PUMP FWD, MAIN TANK BOOST PUMP INOPERATIVE (R FWD)
TF28_M_0003_L1	FUEL PUMP FWD, MAIN TANK BOOST PUMP INOPERATIVE (L AFT)
TF28_M_0004_L1	FUEL PUMP FWD, MAIN TANK BOOST PUMP INOPERATIVE (R AFT)
TF28_M_0081_L1	FUEL QTY INDICATION, MAIN TANK UNKNOWN ACCURACY (L)
TF28_M_0082_L1	FUEL QTY INDICATION, MAIN TANK UNKNOWN ACCURACY (R)
TF28_M_0083_L1	FUEL QTY INDICATION, MAIN TANK UNKNOWN ACCURACY (C)
TF28_M_0051_L1	FUEL AUTO JETTISON,LOSS OF AUTO JETTISON S/O FUNCT
TF28_M_0121_L1	FUEL QTY SENSORS L, FUEL QUANTITY SENSOR DATA LOSS (L)
TF28_M_0122_L1	FUEL QTY SENSORS L, FUEL QUANTITY SENSOR DATA LOSS (R)

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TF28_M_0123_L1	FUEL QTY SENSORS L, FUEL QUANTITY SENSOR DATA LOSS (C)
TF28_M_0061_L1	REFUEL VALVE CENTER L, REFUEL VALVE FAILED CLOSED (LI)
TF28_M_0062_L1	REFUEL VALVE CENTER L, REFUEL VALVE FAILED CLOSED (LO)
TF28_M_0063_L1	REFUEL VALVE CENTER L, REFUEL VALVE FAILED CLOSED (RI)
TF28_M_0064_L1	REFUEL VALVE CENTER L, REFUEL VALVE FAILED CLOSED (RO)
TF28_M_0091_L1	FUEL LEAKAGE IN FUEL TANKS (L)
TF28_M_0092_L1	FUEL LEAKAGE IN FUEL TANKS (R)
29 - HYDRAULIC POWER	
TF29_M_0001_L1	HYD PRESS PRI, HYDRAULIC PRIMARY PUMP FAILURE (L)
TF29_M_0002_L1	HYD PRESS PRI, HYDRAULIC PRIMARY PUMP FAILURE (R)
TF29_M_0003_L1	HYD PRESS PRI, HYDRAULIC PRIMARY PUMP FAILURE (C1)
TF29_M_0004_L1	HYD PRESS PRI, HYDRAULIC PRIMARY PUMP FAILURE (C2)
TF29_M_0011_L1	HYD PRESS SYS, HYD LEAK (L)
TF29_M_0012_L1	HYD PRESS SYS, HYD LEAK (R)
TF29_M_0013_L1	HYD PRESS SYS, HYD LEAK (C)
TF29_M_0021_L1	HYD OVERHEAT, HYDRAULIC PRIMARY PUMP OVERHEAT (L)
TF29_M_0022_L1	HYD OVERHEAT, HYDRAULIC PRIMARY PUMP OVERHEAT (R)
TF29_M_0023_L1	HYD OVERHEAT, HYDRAULIC PRIMARY PUMP OVERHEAT (C1)
TF29_M_0024_L1	HYD OVERHEAT, HYDRAULIC PRIMARY PUMP OVERHEAT (C2)
TF29_M_0031_L1	HYD PRESS DEM, DEMAND PUMP FAILURE (L)
TF29_M_0032_L1	HYD PRESS DEM, DEMAND PUMP FAILURE (R)
TF29_M_0041_L1	HYD PRESS RESERVOIR, LOSS OF RESERVOIR PRESSURE (L)
TF29_M_0042_L1	HYD PRESS RESERVOIR, LOSS OF RESERVOIR PRESSURE (R)
TF29_M_0043_L1	HYD PRESS RESERVOIR, LOSS OF RESERVOIR PRESSURE (C)
TF29_M_0051_L1	HYD VLV AUTO BLEED RSVR, AUTO BLEED VALVE INOP (L)
TF29_M_0052_L1	HYD VLV AUTO BLEED RSVR, AUTO BLEED VALVE INOP (R)
TF29_M_0053_L1	HYD VLV AUTO BLEED RSVR, AUTO BLEED VALVE INOP (C)
TF29_M_0071_L1	HYD QTY LOW, HYDRAULIC QUANTITY LOW (L)
TF29_M_0072_L1	HYD QTY LOW, HYDRAULIC QUANTITY LOW (R)
TF29_M_0073_L1	HYD QTY LOW, HYDRAULIC QUANTITY LOW (C)
TF29_M_0081_L1	HYD OVERHEAT DEM, DEMAND PUMP OVERHEAT (L)
TF29_M_0082_L1	HYD OVERHEAT DEM, DEMAND PUMP OVERHEAT (R)
30 - ICE & RAIN PROTECTION	
TF30_M_0001_L1	ANTI-ICE ENG, ENGINE ANTI-ICE VALVE FAILED CLOSED (L)
TF30_M_0002_L1	ANTI-ICE ENG, ENGINE ANTI-ICE VALVE FAILED CLOSED (R)
TF30_M_0011_L1	ANTI-ICE WING, WIPCU FAILED
TF30_M_0021_L1	HEAT PITOT, PITOT PROBE HEAT FAILURE (L)
TF30_M_0022_L1	HEAT PITOT, PITOT PROBE HEAT FAILURE (R)
TF30_M_0023_L1	HEAT PITOT, PITOT PROBE HEAT FAILURE (C)
TF30_M_0024_L1	HEAT PITOT, PITOT PROBE HEAT FAILURE (ALL)
TF30_M_0051_L1	ANTI-ICE LOSS ENG, LOSS OF ENG ANTI-ICE (L)
TF30_M_0052_L1	ANTI-ICE LOSS ENG, LOSS OF ENG ANTI-ICE (R)
TF30_M_0061_L1	ICE DETECTORS, LOSS OF ICE DETECTION
TF30_M_0091_L1	ANTI-ICE CAC INLET, CIPS FAILURE OF ONE SIDE (L)

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TF30_M_0092_L1	ANTI-ICE CAC INLET, CIPS FAILURE OF ONE SIDE (R)
TF30_M_0101_L1	WINDOW HEAT, WINDOW HEAT SENSOR FAIL (L FWD)
TF30_M_0102_L1	WINDOW HEAT, WINDOW HEAT SENSOR FAIL (R FWD)
TF30_M_0103_L1	WINDOW HEAT, WINDOW HEAT SENSOR FAIL (L SIDE)
TF30_M_0104_L1	WINDOW HEAT, WINDOW HEAT SENSOR FAIL (R SIDE)
31 - INDIC & RECORDING SYS	
TF31_M_0001_L1	N/A, DISPLAY UNIT FAILURE (LOB)
TF31_M_0002_L1	N/A, DISPLAY UNIT FAILURE (ROB)
TF31_M_0005_L1	N/A, DISPLAY UNIT FAILURE (CTR)
TF31_M_0011_L1	EFIS/DSP PANEL, EFIS/DSP FAILURE (L)
TF31_M_0012_L1	EFIS/DSP PANEL, EFIS/DSP FAILURE (R)
TF34P_M_0001_L1	HUD SYS, HUD SYSTEM FAILURE (CAPT)
TF34P_M_0002_L1	HUD SYS, HUD SYSTEM FAILURE (F/O)
TF34P_M_0011_L1	HUD SNGL OPERATION, SINGLE HUD OPERATION (GG1)
TF34P_M_0012_L1	HUD SNGL OPERATION, SINGLE HUD OPERATION (GG2)
TF34P_M_0021_L1	HUD TAKEOFF, HUD TAKEOFF GUIDANCE FAILURE
TF31_M_0051_L1	MASTER CAUTION IND, MASTER CAUTION LIGHT FAULT (L)
TF31_M_0052_L1	MASTER CAUTION IND, MASTER CAUTION LIGHT FAULT (R)
32 - LANDING GEAR	
TF32B_M_0001_L1	ANTISKID, ANTISKID FAILURE (1,2,5,6) (1)
TF32B_M_0002_L1	ANTISKID, ANTISKID FAILURE (1,2,5,6) (2)
TF32B_M_0005_L1	ANTISKID, ANTISKID FAILURE (1,2,5,6) (5)
TF32B_M_0006_L1	ANTISKID, ANTISKID FAILURE (1,2,5,6) (6)
TF32B_M_0003_L1	ANTISKID, ANTISKID FAILURE (3,4,7,8) (3)
TF32B_M_0004_L1	ANTISKID, ANTISKID FAILURE (3,4,7,8) (4)
TF32B_M_0007_L1	ANTISKID, ANTISKID FAILURE (3,4,7,8) (7)
TF32B_M_0008_L1	ANTISKID, ANTISKID FAILURE (3,4,7,8) (8)
TF32B_M_0011_L1	AUTOBRAKE, AUTOBRAKE FAILURE
TF32G_M_0001_L1	GEAR DISAGREE, GEAR UPLOCK FAILURE - ON EXTENSION (LMLG)
TF32G_M_0002_L1	GEAR DISAGREE, GEAR UPLOCK FAILURE - ON EXTENSION (RMLG)
TF32G_M_0011_L1	GEAR DRAG BRACE, GEAR DOWN LOCK FAILURE (LMLG)
TF32G_M_0012_L1	GEAR DRAG BRACE, GEAR DOWN LOCK FAILURE (RMLG)
TF32G_M_0021_L1	GEAR DISAGREE, GEAR UPLOCK FAILURE - ON RETRACTION (LMLG)
TF32G_M_0022_L1	GEAR DISAGREE, GEAR UPLOCK FAILURE - ON RETRACTION (RMLG)
TF32G_M_0031_L1	GEAR DRAG BRACE, GEAR DRAG BRACE (LMLG)
TF32G_M_0032_L1	GEAR DRAG BRACE, GEAR DRAG BRACE (RMLG)
TF32G_M_0041_L1	GEAR SIDE BRACE, GEAR SIDE BRACE (LMLG)
TF32G_M_0042_L1	GEAR SIDE BRACE, GEAR SIDE BRACE (RMLG)
TF32B_M_0021_L1	TIRE PRESS, TIRE BURST (1,2,5,6) (1)
TF32B_M_0022_L1	TIRE PRESS, TIRE BURST (1,2,5,6) (2)
TF32B_M_0025_L1	TIRE PRESS, TIRE BURST (1,2,5,6) (5)
TF32B_M_0026_L1	TIRE PRESS, TIRE BURST (1,2,5,6) (6)
TF32B_M_0023_L1	TIRE PRESS, TIRE BURST (3,4,7,8) (3)
TF32B_M_0024_L1	TIRE PRESS, TIRE BURST (3,4,7,8) (4)

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TF32B_M_0027_L1	TIRE PRESS, TIRE BURST (3,4,7,8) (7)
TF32B_M_0028_L1	TIRE PRESS, TIRE BURST (3,4,7,8) (8)
TF32B_M_0029_L1	TIRE PRESS, TIRE BURST (9,10) (9)
TF32B_M_0030_L1	TIRE PRESS, TIRE BURST (9,10) (10)
TF32B_M_0031_L1	BRAKE TEMP, DRAGGING BRAKE (1,2,5,6) (1)
TF32B_M_0032_L1	BRAKE TEMP, DRAGGING BRAKE (1,2,5,6) (2)
TF32B_M_0035_L1	BRAKE TEMP, DRAGGING BRAKE (1,2,5,6) (5)
TF32B_M_0036_L1	BRAKE TEMP, DRAGGING BRAKE (1,2,5,6) (6)
TF32B_M_0033_L1	BRAKE TEMP, DRAGGING BRAKE (3,4,7,8) (3)
TF32B_M_0034_L1	BRAKE TEMP, DRAGGING BRAKE (3,4,7,8) (4)
TF32B_M_0037_L1	BRAKE TEMP, DRAGGING BRAKE (3,4,7,8) (7)
TF32B_M_0038_L1	BRAKE TEMP, DRAGGING BRAKE (3,4,7,8) (8)
TF32W_M_0001_L1	TILLER, TILLER FAILURE (L)
TF32W_M_0002_L1	TILLER, TILLER FAILURE (R)
TF32G_M_0101_L1	TAIL STRIKE, TAIL STRIKE
TF32G_M_0061_L1	AIR/GROUND SYS, AIR/GROUND SIGNAL DISAGREE (LMLG)
TF32G_M_0062_L1	AIR/GROUND SYS, AIR/GROUND SIGNAL DISAGREE (RMLG)
TF32B_M_0051_L1	BRAKES, BRAKE FAILURE (1,2,5,6) (1)
TF32B_M_0052_L1	BRAKES, BRAKE FAILURE (1,2,5,6) (2)
TF32B_M_0055_L1	BRAKES, BRAKE FAILURE (1,2,5,6) (5)
TF32B_M_0056_L1	BRAKES, BRAKE FAILURE (1,2,5,6) (6)
TF32B_M_0053_L1	BRAKES, BRAKE FAILURE (3,4,7,8) (3)
TF32B_M_0054_L1	BRAKES, BRAKE FAILURE (3,4,7,8) (4)
TF32B_M_0057_L1	BRAKES, BRAKE FAILURE (3,4,7,8) (7)
TF32B_M_0058_L1	BRAKES, BRAKE FAILURE (3,4,7,8) (8)
TF32B_M_0061_L1	ANTISKID 1, AXLE RDC FAILURE (1,2,5,6) (1)
TF32B_M_0062_L1	ANTISKID 1, AXLE RDC FAILURE (1,2,5,6) (2)
TF32B_M_0065_L1	ANTISKID 1, AXLE RDC FAILURE (1,2,5,6) (5)
TF32B_M_0066_L1	ANTISKID 1, AXLE RDC FAILURE (1,2,5,6) (6)
TF32B_M_0063_L1	ANTISKID 1, AXLE RDC FAILURE (3,4,7,8) (3)
TF32B_M_0064_L1	ANTISKID 1, AXLE RDC FAILURE (3,4,7,8) (4)
TF32B_M_0067_L1	ANTISKID 1, AXLE RDC FAILURE (3,4,7,8) (7)
TF32B_M_0068_L1	ANTISKID 1, AXLE RDC FAILURE (3,4,7,8) (8)
TF32G_M_0081_L1	PSDC 1, PROXIMITY SNSR DATA CONCENTRATOR FAILURE (PSDC1)
TF32G_M_0086_L1	PSDC 1, PROXIMITY SNSR DATA CONCENTRATOR FAILURE (PSDC6)
TF32W_M_0021_L1	TILLER CHAN, TILLER CHANNEL FAILURE (L)
TF32W_M_0022_L1	TILLER CHAN, TILLER CHANNEL FAILURE (R)
TF32G_M_0091_L1	GEAR DISAGREE, GEAR DOWN LOCK MECHANISM FROZEN (LMLG)
TF32G_M_0092_L1	GEAR DISAGREE, GEAR DOWN LOCK MECHANISM FROZEN (RMLG)
TF32G_M_0093_L1	GEAR DISAGREE, GEAR DOWN LOCK MECHANISM FROZEN (NLG)
34 - NAVIGATION	
TF34A_M_0061_L1	NAV AIR DATA SYS, AIR DATA SYSTEM FAILURE
TF34F_M_0001_L1	FMC, FMC FAILURE
TF34A_M_0001_L1	SGL SOURCE RAD ALT, RADIO ALTIMETER FAIL (L)

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TF34A_M_0002_L1	SGL SOURCE RAD ALT, RADIO ALTIMETER FAIL (R)
TF34A_M_0003_L1	SGL SOURCE RAD ALT, RADIO ALTIMETER FAIL (ALL)
TF34_M_0011_L1	SGL SOURCE APPROACH, ILS LOCALIZER FAIL (L)
TF34_M_0012_L1	SGL SOURCE APPROACH, ILS LOCALIZER FAIL (R)
TF34I_M_0001_L1	NAV INERTIAL SYS, INERTIAL NAV UNAVAILABLE (IRU L)
TF34I_M_0002_L1	NAV INERTIAL SYS, INERTIAL NAV UNAVAILABLE (IRU R)
TF34I_M_0003_L1	NAV INERTIAL SYS, INERTIAL NAV UNAVAILABLE (LAHRU)
TF34I_M_0004_L1	NAV INERTIAL SYS, INERTIAL NAV UNAVAILABLE (RAHRU)
TF34I_M_0005_L1	NAV INERTIAL SYS, INERTIAL NAV UNAVAILABLE (ALL)
TF34F_M_0011_L1	SINGLE FMC, SINGLE FMC MODE
TF34A_M_0021_L1	STATIC ADM, STATIC ADM FAILURE (L)
TF34A_M_0022_L1	STATIC ADM, STATIC ADM FAILURE (R)
TF34A_M_0023_L1	STATIC ADM, STATIC ADM FAILURE (C)
TF34A_M_0031_L1	PITOT ADM FAIL (L)
TF34A_M_0032_L1	PITOT ADM FAIL (R)
TF34A_M_0033_L1	PITOT ADM FAIL (C)
TF34N_M_0001_L1	NAV UNABLE RNP, UNABLE NAV REQUIRED PERFORMANCE
TF34A_M_0041_L1	AIRSPEED UNRELIABLE, AIRSPEED UNRELIABLE (PITOT)
TF34A_M_0042_L1	AIRSPEED UNRELIABLE (STATIC)
TF34A_M_0043_L1	AIRSPEED UNRELIABLE (AOA)
TF34A_M_0044_L1	AIRSPEED UNRELIABLE (PITOT VENT)
TF34_M_0101_L1	FMC, INDIVIDUAL FMC FAILURE (L)
TF34_M_0102_L1	FMC, INDIVIDUAL FMC FAILURE (R)
TF34_M_0103_L1	FMC, INDIVIDUAL FMC FAILURE (C)
TF34N_M_0011_L1	GPS FAIL (L)
TF34N_M_0012_L1	GPS FAIL (R)
TF34_M_0081_L1	DME POWER FAIL (L)
TF34_M_0082_L1	DME POWER FAIL (R)
34Z - INT SURVEILLANCE SYS	
TF34W_M_0011_L1	TRANSPONDER PANEL, ATP FAILURE
TF34W_M_0001_L1	WEATHER RADAR SYS, WEATHER RADAR FAILURE
35 - OXYGEN	
TF35_M_0001_L1	PASS OXYGEN POWER, PASSENGER OXYGEN POWER
TF35_M_0011_L1	CREW OXYGEN LOW, LOW CREW OXYGEN LEVEL
42 - COMMON COMPUTING SYS	
TF42_M_0001_L1	N/A, CCR FIBRE OPTIC XLTR FAILURE (LA)
TF42_M_0002_L1	N/A, CCR FIBRE OPTIC XLTR FAILURE (LB)
TF42_M_0003_L1	N/A, CCR FIBRE OPTIC XLTR FAILURE (RA)
TF42_M_0004_L1	N/A, CCR FIBRE OPTIC XLTR FAILURE (RB)
TF42_M_0021_L1	N/A, CCR GPM FAILURE 1L - 4L (1L)
TF42_M_0022_L1	N/A, CCR GPM FAILURE 1L - 4L (2L)
TF42_M_0023_L1	N/A, CCR GPM FAILURE 1L - 4L (3L)
TF42_M_0024_L1	N/A, CCR GPM FAILURE 1L - 4L (4L)
TF42_M_0025_L1	N/A, CCR GPM FAILURE 5L - 8L (5L)

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TF42_M_0026_L1	N/A, CCR GPM FAILURE 5L - 8L (6L)
TF42_M_0027_L1	N/A, CCR GPM FAILURE 5L - 8L (7L)
TF42_M_0028_L1	N/A, CCR GPM FAILURE 5L - 8L (8L)
TF42_M_2021_L1	N/A, CCR GPM FAILURE 1R - 4R (1R)
TF42_M_2022_L1	N/A, CCR GPM FAILURE 1R - 4R (2R)
TF42_M_2023_L1	N/A, CCR GPM FAILURE 1R - 4R (3R)
TF42_M_2024_L1	N/A, CCR GPM FAILURE 1R - 4R (4R)
TF42_M_2025_L1	N/A, CCR GPM FAILURE 5R - 8R (5R)
TF42_M_2026_L1	N/A, CCR GPM FAILURE 5R - 8R (6R)
TF42_M_2027_L1	N/A, CCR GPM FAILURE 5R - 8R (7R)
TF42_M_2028_L1	N/A, CCR GPM FAILURE 5R - 8R (8R)
49 - APU	
TF49_M_0001_L1	APU SHUTDOWN, FUEL VALVE SIGNAL FAILURE
TF49_M_0011_L1	APU LIMIT, OIL PUMP FAILURE
TF49_M_0021_L1	APU DOOR, INLET DOOR (APU INLET DOOR REMAINS CLOSED)
TF49_M_0031_L1	APU CONTROL, SINGLE SPEED SENSOR FAILURE
TF49_M_0051_L1	APU CONTROL, BOTH SPEED SENSORS FAILURE
52 - DOORS	
TF52_M_0011_L1	DOOR BULK CARGO, BULK CARGO DOOR LATCHED SNSR FAIL
TF52_M_0021_L1	DOOR CARGO (FWD, AFT), CARGO DOOR LATCHED SENSOR FAILED (FWD)
TF52_M_0022_L1	DOOR CARGO (FWD, AFT), CARGO DOOR LATCHED SENSOR FAILED (AFT)
TF52_M_0041_L1	DOOR EPAS SQUIB XL, DOOR SQUIB FAILURE (2L)
TF52_M_0042_L1	DOOR EPAS SQUIB XL, DOOR SQUIB FAILURE (2L)
TF52_M_0043_L1	DOOR EPAS SQUIB XL, DOOR SQUIB FAILURE (4L)
TF52_M_0044_L1	DOOR EPAS SQUIB XL, DOOR SQUIB FAILURE (4L)
TF52_M_0045_L1	DOOR EPAS SQUIB XR, DOOR SQUIB FAILURE (2R)
TF52_M_0046_L1	DOOR EPAS SQUIB XR, DOOR SQUIB FAILURE (2R)
TF52_M_0047_L1	DOOR EPAS SQUIB XR, DOOR SQUIB FAILURE (4R)
TF52_M_0048_L1	DOOR EPAS SQUIB XR, DOOR SQUIB FAILURE (4R)
TF52_M_0051_L1	DOOR FWD ACCESS, FWD ACCESS DOOR SENSOR FAIL
TF52_M_0081_L1	DOOR ENTRY 1L - 4L (1L)
TF52_M_0082_L1	DOOR ENTRY 1L - 4L (2L)
TF52_M_0083_L1	DOOR ENTRY 1L - 4L (3L)
TF52_M_0084_L1	DOOR ENTRY 1L - 4L (4L)
TF52_M_0085_L1	DOOR ENTRY 1R - 4R (1R)
TF52_M_0086_L1	DOOR ENTRY 1R - 4R (2R)
TF52_M_0087_L1	DOOR ENTRY 1R - 4R (3R)
TF52_M_0088_L1	DOOR ENTRY 1R - 4R (4R)
71G - GE POWER PLANT	
TF71_M_BSV1_L1	ENGINE BIRDSTRIKE HIGH VIBRATIONS, FOD DAMAGE (L)
TF71_M_BSV2_L1	ENGINE BIRDSTRIKE HIGH VIBRATIONS, FOD DAMAGE (R)
TF71G_M_0011_L1	ENG FAIL, ENGINE FLAME OUT (L)
TF71G_M_0012_L1	ENG FAIL, ENGINE FLAME OUT (R)
TF71G_M_0013_L1	ENG FAIL, ENGINE FLAME OUT (BOTH)

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TF71G_M_0101_L1	ENG SURGE, ENGINE SURGE (L)
TF71G_M_0102_L1	ENG SURGE, ENGINE SURGE (R)
TF71G_M_0111_L1	ENG FAIL, ENG SEVERE DAMAGE (L)
TF71G_M_0112_L1	ENG FAIL, ENG SEVERE DAMAGE (R)
TF71G_M_0131_L1	ENG FAIL, ENGINE INGESTION OF WATER (L)
TF71G_M_0132_L1	ENG FAIL, ENGINE INGESTION OF WATER (R)
TF71G_M_0001_L1	ENG SURGE, STALL (L)
TF71G_M_0002_L1	ENG SURGE, STALL (R)
TF71G_M_0231_L1	ENG FAIL, N1 BEARING FAILURE (L)
TF71G_M_0232_L1	ENG FAIL, N1 BEARING FAILURE (R)
TF71G_M_0281_L1	ENG CORE ANTI-ICE (L)
TF71G_M_0282_L1	ENG CORE ANTI-ICE (R)
TF71_M_ASH0_L1	VOLCANIC ASH
TF71G_M_ICE_L1	ICE CRYSTAL CLOUD ENTRY
73G - GE ENGINE FUEL & CTRL	
TF71G_M_0021_L1	ENG EEC MODE, AIRCRAFT TOTAL PRESSURE SIGNAL FAIL (L)
TF71G_M_0022_L1	ENG EEC MODE, AIRCRAFT TOTAL PRESSURE SIGNAL FAIL (R)
TF71G_M_0031_L1	ENG CONTROL, STATOR VANE ANGLE (L)
TF71G_M_0032_L1	ENG CONTROL, STATOR VANE ANGLE (R)
TF71G_M_0051_L1	ENG FUEL FILTER, ENGINE FUEL FILTER FAILURE (L)
TF71G_M_0052_L1	ENG FUEL FILTER, ENGINE FUEL FILTER FAILURE (R)
TF71G_M_0061_L1	ENG FUEL VALVE, HIGH PRESS FUEL SHUTOFF VALVE FAIL (L)
TF71G_M_0062_L1	ENG FUEL VALVE, HIGH PRESS FUEL SHUTOFF VALVE FAIL (R)
TF71G_M_0081_L1	ENG FUEL FILT SNSR L,DUAL FUEL FILT PRESS SNSR FAIL (L)
TF71G_M_0082_L1	ENG FUEL FILT SNSR L,DUAL FUEL FILT PRESS SNSR FAIL (R)
TF73_M_TCMA1_L1	ENG TCMA, TCMA FAILURE (L ENG)
TF73_M_TCMA2_L1	ENG TCMA, TCMA FAILURE (R ENG)
TF71G_M_0191_L1	ENG THRUST, LOSS OF TRA SIGNAL (L)
TF71G_M_0192_L1	ENG THRUST, LOSS OF TRA SIGNAL (R)
TF71G_M_0091_L1	ENG FAIL, FUEL METERING UNIT FAILURE TO MINIMUM POSITION (L)
TF71G_M_0092_L1	ENG FAIL, FUEL METERING UNIT FAILURE TO MINIMUM POSITION (R)
TF71G_M_0161_L1	ENG LIMIT EXCEED, ELECTRONIC OVERSPEED PROTECTION (L)
TF71G_M_0162_L1	ENG LIMIT EXCEED, ELECTRONIC OVERSPEED PROTECTION (R)
TF71G_M_0241_L1	ENG RPM LIMITED, STATOR VANE ACTUATOR MECHANISM (L)
TF71G_M_0242_L1	ENG RPM LIMITED, STATOR VANE ACTUATOR MECHANISM (R)
TF28_M_0101_L1	ENG FAIL, FUEL LEAK IN ENGINE FEED LINES (L)
TF28_M_0102_L1	ENG FAIL, FUEL LEAK IN ENGINE FEED LINES (R)
75G - GE ENGINE AI FAULTS	
TF71G_M_0171_L1	ENG HPTACC VALVE,HIGH PRESS ACTIVE CLR CTRL VLV FAIL (L)
TF71G_M_0172_L1	ENG HPTACC VALVE,HIGH PRESS ACTIVE CLR CTRL VLV FAIL (R)
TF71G_M_0211_L1	ENG TBV OPEN, ENGINE TRANSIENT BLEED VALVE (L)
TF71G_M_0212_L1	ENG TBV OPEN, ENGINE TRANSIENT BLEED VALVE (R)
78G - GE ENGINE REV FAULTS	
TF78G_M_0001_L1	ENG REV AIR/GND, IN WORK (L)

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TF78G_M_0002_L1	ENG REV AIR/GND, IN WORK (R)
TF78G_M_0011_L1	ENG REVERSER, THRUST REVERSER ISOLATION VALVE FAIL (L)
TF78G_M_0012_L1	ENG REVERSER, THRUST REVERSER ISOLATION VALVE FAIL (R)
TF78G_M_0031_L1	REV INTERLOCK, THRUST REV INTERLOCK SOLENOID FAIL (L)
TF78G_M_0032_L1	REV INTERLOCK, THRUST REV INTERLOCK SOLENOID FAIL (R)
TF78G_M_0041_L1	ENG REV LIMITED, THRUST REV ISOLATION VLV PWR FAIL (L)
TF78G_M_0042_L1	ENG REV LIMITED, THRUST REV ISOLATION VLV PWR FAIL (R)
79G - GE ENGINE OIL FAULTS	
TF79G_M_0001_L1	ENG OIL PRESS, ENGINE OIL PUMP FAILURE (L)
TF79G_M_0002_L1	ENG OIL PRESS, ENGINE OIL PUMP FAILURE (R)
TF79G_M_0011_L1	ENG OIL DMS, ENGINE OIL DEBRIS (L)
TF79G_M_0012_L1	ENG OIL DMS, ENGINE OIL DEBRIS (R)
TF79G_M_0041_L1	ENG OIL TEMP, HIGH ENGINE OIL SCAVENGE TEMPERATURE FAULT (L)
TF79G_M_0042_L1	ENG OIL TEMP, HIGH ENGINE OIL SCAVENGE TEMPERATURE FAULT (R)
TF79G_M_0031_L1	ENG OIL TEMP, ENGINE OIL TEMPERATURE SENSOR FAULT (L)
TF79G_M_0032_L1	ENG OIL TEMP, ENGINE OIL TEMPERATURE SENSOR FAULT (R)
TF79G_M_0021_L1	ENG OIL FILTER, ENGINE OIL FILTER FAULT (L)
TF79G_M_0022_L1	ENG OIL FILTER, ENGINE OIL FILTER FAULT (R)
TV79G_M_0001_F4	ENG OIL PRESS, ENGINE OIL LEAK (L)
TV79G_M_0002_F4	ENG OIL PRESS, ENGINE OIL LEAK (R)
80G - GE ENG START FAULTS	
TF80G_M_0001_L1	ENG START CUTOUT, ENG START CUTOUT (L)
TF80G_M_0002_L1	ENG START CUTOUT, ENG START CUTOUT (R)
TF80G_M_0011_L1	ENG AUTOSTART, ENGINE STARTER GENERATOR SHAFT FAIL (L)
TF80G_M_0012_L1	ENG AUTOSTART, ENGINE STARTER GENERATOR SHAFT FAIL (R)
TF80G_M_0021_L1	ENG AUTOSTART, HUNG START / SLOW START (L)
TF80G_M_0022_L1	ENG AUTOSTART, HUNG START / SLOW START (R)
TF80G_M_0031_L1	ENG AUTOSTART, HOT START (L)
TF80G_M_0032_L1	ENG AUTOSTART, HOT START (R)
TF80G_M_0051_L1	ENG AUTOSTART, ENGINE HOT START (WITH EGT EXCEEDANCE) (L)
TF80G_M_0052_L1	ENG AUTOSTART, ENGINE HOT START (WITH EGT EXCEEDANCE) (R)
TF80G_M_0041_L1	ENG AUTOSTART, IGNITION FAILURE (L)
TF80G_M_0042_L1	ENG AUTOSTART, IGNITION FAILURE (R)
TF80G_M_0061_L1	ENG IGNITOR, SINGLE IGNITOR FAILURE (L)
TF80G_M_0062_L1	ENG IGNITOR, SINGLE IGNITOR FAILURE (R)
TF24_M_0061_L1	ENG STARTERS, ENGINE STARTER SYSTEM FAILURE (L)
TF24_M_0062_L1	ENG STARTERS, ENGINE STARTER SYSTEM FAILURE (R)
TF24_M_0171_L1	ELEC ENGINE STARTER, ELEC ENGINE STARTER FAILURE (L1)
TF24_M_0173_L1	ELEC ENGINE STARTER, ELEC ENGINE STARTER FAILURE (R1)
TF24_M_0172_L1	ELEC ENGINE STARTER, ELEC ENGINE STARTER FAILURE (L2)
TF24_M_0174_L1	ELEC ENGINE STARTER, ELEC ENGINE STARTER FAILURE (R2)