INVESTIGATION EVENT MANAGEMENT CHECKLIST – EVENT 12: EXAMINATION OF SYSTEMS

INVESTIGATION NUMBER	AIRCRAFT TYPE / REGISTRATION MARKS/ OPERATOR
DATE	COMPLETED BY

S/N	Examination of Systems	Time	Action started	Action completed
1	1. Prepare a checklist of systems to be investigated from the following general list:			
A	– Hydraulic power;			
B	– Flight controls;			
C	– Ailerons;			
D	– Elevators;			
E	– Rudder;			
F	– Horizontal stabilizer;			
G	– Trims;			
H	– Flaps;			
I	– Speed brakes;			
J	– Spoilers/lift dumpers;			
K	– Autopilot/stability augmentation/stall avoidance;			
L	– Landing gear/wheels/brakes;			
M	– Fuel;			
N	– Electric power distribution;			
O	– Aircraft computers (such as flight management systems, traffic collision avoidance system, and terrain awareness and warning system);			
P	– Other electronics;			
Q	– Ice and rain protection;			
R	– Pneumatics;			
S	– Instruments/pitot-static/caution and warning			
T	(light bulb analysis);			
U	– Navigation systems;			
V	– Portable navigation systems, photo and video cameras, and cell phones;			
W	– Communications;			
X	– Emergency Locator Transmitter (ELT);			
Y	– Fire detection and protection;			
Z	– Air conditioning and pressurization;			
AA	– Oxygen; and			
AB	– Thrust reversers.			

S/N	Examination of Systems	Time	Action started	Action completed
2	Locate and identify all systems and components;			
3	Determine the requirements for special handling of system computers to preserve memory;			
4	Record and photograph the systems and components prior to safeguarding;			
5	Safeguard and deactivate hazardous systems and components;			
6	Conduct a detailed examination of all systems and components, including flight controls, hydraulics, pneumatics, electrical, electronics, instruments, communication, navigation, air conditioning, pressurization, ice and rain detection, airframe, fuel, fire protection and oxygen;			
7	Document all systems selections, indications, positions and condition;			
8	Photograph in detail the components suspected of failure; and			
9	Request special technical assistance, if required.			