

NIGERIAN SAFETY INVESTIGATION BUREAU



SAFETY HOUSE, NNAMDI AZIKIWE INTERNATIONAL AIRPORT P.M.B. 7009 GARKI FCT- ABUJA; NIGERIA

INVESTIGATION EVENT MANAGEMENT CHECKLIST – EVENT 16: SITE PHOTOGRAPHY (PHASE I)

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

S/N	Site Photography (Phase I)	Time	Action started	Action completed
1	Establish photographic priorities;			
2	Photograph the general wreckage from at least four directions;			
3	Photograph human remains in situ in relation to other objects;			
4	Photograph easily perishable evidence, in part and such as ground impact marks and the presence/absence of fire;			
5	Photograph flight recorders in situ prior to removal;			
6	Photograph hazardous systems and components in situ prior to deactivation or removal;			
7	Photograph the terrain and general impact area;			
8	Photograph the general components in part and such as wings, engine(s), and empennage;			
9	Determine the requirements for aerial photography;			
10	Determine the requirements for aerial photography;			
11	Elaborate photo coverage of any suspect areas or components;			
12	Liaise with the Site Survey Group Chairperson for photographic requirements such as: – Significant ground features;			
A	– Point of initial impact;			
B	– Location of major components;			
C	– Ground fire areas;			
D	– Serious property damage;			
E	– Flight path to impact; and			
F	– Witness locations.			
13	In conjunction with the Operations Group Chairperson, photograph the cockpit environment with particular attention to:			
A	– Instruments;			
B	– Position of controls;			
C	– Switch positions;			
D	– Circuit breaker panels;			
E	– Radio settings;			
F	– Automatic pilot setting;			
G	– Fuel control positions;			
H	– Pilot seats, seat belts, harness; and			
I	– Maps, charts.			

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S/N	Examination of Systems	Time	Action started	Action completed
14	Liaise with the Operations Group and Systems Group chairpersons for additional specific photo requirements of the cockpit area;			
15	15. Liaise with the Medical/Human Factors Group and Structures (Crashworthiness) Group chairpersons for requirements for photos of items with possible design deficiencies such as:			
A	– Design/location of instruments;			
B	– Design/location of controls;			
C	– Work space incompatibility;			
D	– Visual restriction due to structure;			
E	– Lack of cockpit standardization;			
F	– Personal equipment interference; and			
G	– Seat design/configuration.			
16	Liaise with the Medical/Human Factors Group and Structures (Crashworthiness) chairpersons for photo requirements of:			
A	– Cabin environment;			
B	– Unsecured interior equipment;			
C	– Seats, seat structures;			
D	– Belts, seat belt anchorages;			
E	– Belt buckles;			
F	– Cabin floor;			
G	– Cargo restraint; and			
H	– Emergency exits.			
17	Liaise with the Structures (Crashworthiness) Group Chairperson for photo requirements of:			
A	– Terrain angle;			
B	– Angle of impact;			
C	– Width, length and depth of ground scars;			
D	– Depth of damage to underside of aircraft;			
E	– Compression of energy-attenuation devices;			
F	– Initiation and propagation of fire;			
G	– Smoke smears, soot, discoloration;			
H	– Surface pitting; and			
I	– Evidence of explosion.			
18	Liaise with the Air Traffic Services and Airports Group Chairperson for specific photo requirements of:			
A	– Runway or taxiway;			
B	– Aerodrome layout;			
C	– Obstructions to air traffic services and airport controllers' vision;			
D	– Aerial photo record of access routes; and			
E	– Tower cab layout.			
19	Liaise with the Power plants Group, Systems Group and Structures Group chairpersons for specific photo requirements of selected aircraft components.			