

Textron Aviation B300
Addison, TX
June 30, 2019
CEN19MA190

**NATIONAL TRANSPORTATION SAFETY BOARD
WASHINGTON, D.C.**

ATTACHMENT 1

INJURY CHART

3 Pages

Seat	Age	Gender	Height	Weight	Injuries	Classification
Pilot	28	M	70	178	Diffuse full thickness burns, nearly 100% body surface area; dense soot within airway; carboxyhemoglobin 19% (+/- 2%); COD- thermal and inhalation injuries	Fatal
Pilot	71	M	65	222	Extensive second, third, and fourth degree burns; soot within oral cavity, nostrils, larynx, trachea, and mainstem bronchi; 1 inch long full thickness laceration of left supraorbital ridge; 6-inch long full thickness laceration over lateral right aspect of head; patchy subscalp hemorrhages; thin film of subdural hemorrhage over top aspects of cerebral hemispheres; sternum fracture at level of second ribs; scattered parenchymal contusions of the lungs; carboxyhemoglobin 16%; COD- inhalation of products of combustion, blunt force injuries, and thermal injuries	Fatal
UNK	45	F	64	131	Large avulsion right frontal and parietal scalp; 5-inch dried abraded laceration left and right supraorbital ridges, extending to underlying bone and galea; subarachnoid hemorrhage concentrated over cerebral convexities, inferior left temporal and occipital lobes, and inferior right frontal lobe; small amount of subdural hemorrhage at the base of the brain; comminuted fractures of left and right sides on anterior cranial fossa with a linear fracture extending into the left middle cranial fossa; nasal bones and left maxillary bone are fractured; C5-C6 fracture; contusions of all lobes of lungs; hemorrhage within mediastinal soft tissues; 50mL right hemothorax; dislocation of right sternoclavicular joint; fractures of left second and third ribs laterally and right first and second ribs posteriorly; diffuse superficial charring; soot in trachea and larynx; carboxyhemoglobin 16%; COD - thermal burns, smoke inhalation, and blunt force trauma	Fatal
UNK	15	F	65	131	Small to moderate subdural and subarachnoid hemorrhages overlying the right convexity and at the right base of the brain; multiple small areas of ill-defined subscapular hemorrhage, left and right side of the frontal bone, right temporal bone, right parietal bone, and left occipital bone; contusions both lungs; laceration of lower lobe of right lung; hemorrhage within the mediastinal soft tissues; hemorrhage around right kidney; 500 mL right hemothorax; 200 mL of left hemothorax; right third through sixth ribs fractured posteriorly; extensive mostly superficial charring of body; small amount of soot in larynx and trachea; carboxyhemoglobin 11%; COD - thermal burns, smoke inhalation, and blunt force injuries	Fatal

Seat	Age	Gender	Height	Weight	Injuries	Classification
UNK	61	M	71	209	6-inch, oblique, full thickness laceration of forehead; 2 1/4 inch partial thickness laceration of forehead; partial thickness laceration of left angle of mouth; subscapular hemorrhage over frontal and top aspects of head; faint subarachnoid blush over superolateral aspect of or right cerebral hemisphere and along base of brain; soft tissue hemorrhage of right supraclavicular fossa; hemorrhagic parathyroid and paratracheal tissue; anterior aspects of left first through ninth ribs fractured near the costosternal junctions; posterior aspects of left fourth and fifth ribs fractured; lacerated pericardial sac; scattered parenchymal contusions of lungs; 10mL bloody fluid in right chest cavity; fractured T4 vertebral body with associated epidural hemorrhage (spinal cord intact); second and third degree burns to majority of body; dense gray-black soot deposited with in nostrils and oral cavity; patchy deposition of gray-black soot within larynx, trachea, and mainstem bronchi; carboxyhemoglobin <10%; COD - blunt force injuries; thermal burns, and inhalation of products of combustion	Fatal
UNK	13	M	68	138	Patchy, acute subarachnoid hemorrhage, more so on left cerebral convexity than the right; hemorrhagic contusions of the inferior aspect of the posterior left frontal lobe and inferior aspect of the left temporal lobe; bloody fluid within the fourth ventricle of the brain; fracture of right side of mandible; hinge fracture through basilar skull with radiating linear fractures; subluxation of the atlanto-occipital articulation; hemorrhage within the bilateral middle ears, 3x3cm acute subscapular hemorrhage, right parietal scalp; focal scleral hemorrhages within both eyes; contusions and abrasions of face; full thickness burns ~85% total body surface; dense soot within airway; carboxyhemoglobin 27% (+/- 2%); COD - Blunt force, thermal, and inhalation injuries	Fatal
UNK	57	F	65	134	Diffuse full thickness burns >95 body surface area; dense soot within entire airway including larynx, traches, and bilateral bronchi; carboxyhemoglobin 42%; COD - Thermal and inhalational injuries	Fatal
UNK	58	M	68	198	Subscapular hemorrhage over lateral right aspect of head; hemorrhage in soft tissue and musculature overlying C3-C5 and within posterior intervertebral spaces of C3-C5; scattered hemorrhage within mesentery and paracolic fat; dense soot deposition oral cavity, pharynx and trachea extending to the carina; scattered soot deposition of gray-black soot in mainstem bronchi and subsegmental bronchi supplying all lobes of both lungs; flecks of gray-black soot deposition in esophagus; diffuse thermal injuries (second and third degree); carboxyhemoglobin 15%; COD - Inhalation of products of combustion. thermal injuries, and blunt force injuries	Fatal
UNK	60	F	67	139	Focal deep scalp hemorrhage, one inch in diameter; soot within nose and mouth; dense soot in trachea and into major bronchi; diffuse thermal injury; carboxyhemoglobin 29%; COD - Smoke inhalation and thermal injury	Fatal

Seat	Age	Gender	Height	Weight	Injuries	Classification
UNK	52	M	72	192	Diffuse thermal injury; soot in nose and mouth; dense soot deposition in trachea that extends into major bronchi; carboxyhemoglobin 29%; COD - Smoke inhalation and thermal injuries	Fatal