

Carson Helicopter Services
Weaverville, California
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LAX08PA259

National Transportation Safety Board
Washington, D.C.

Attachment 8

Injury Chart

4 Pages

Assigned Seat	Age	Gender	Height (Inches)	Weight (Pounds)	Injuries/Pathological Findings	Injury Classification
Captain	54	Male	73	268	1. Fragmentary skeletal remains with: a.) Features consistent with high-temperature fire exposure, b.) Right upper extremity segment that includes charred soft tissue, and c.) Maxillary and mandibular segments including fragmentary dental remains. 2. Scene and circumstances consistent with a combination of severe blunt force injury and thermal injury. Cause of death: Combined blunt force trauma and thermal injury (immediate. ¹)	Fatal
Co-Pilot	44	Male		198	Singed hair, and nasal hair. Numerous superficial partial thickness burns to face, neck, chest and extremities. Partial thickness burns bilateral upper extremities, and the entire back left extremity and about 25% of the right extremity in the popliteal fossa. The left gluteal area has superficial partial thickness burns with blisters. Soft tissue swelling of the mild left periorbital and frontal scalp. Bilateral pulmonary contusions, and 35% total body surface area is partial thickness burns with circumferential burns to both hands.	Serious
1A	63	Male	67	185	1. Fragmentary skeletal remains with: a.) Features consistent with high-temperature fire exposure, b.) Minimal soft tissue present, c.) Right parietal skull fracture pattern indicating possible blunt-force and, d.) Maxillary and mandibular segments including fragmentary dental remains. 2. Scene and circumstances consistent with a combination of severe blunt force injury and thermal injury. Cause of death: Combined blunt force trauma and thermal injury (immediate.)	Fatal

¹ (Immediate/Minutes) is the amount of time the person sustained life before succumbing to death.

2A	25	Male		220	1. Fragmentary skeletal remains with: a.) Features consistent with high-temperature fire exposure, b.) Blunt-force injures – proximal left femur fracture, mid left ulna fracture, and c.) Maxillary and mandibular segments including fragmentary dental remains. 2. Scene and circumstances consistent with a combination of severe blunt force injury and thermal injury. Cause of death: Combined blunt force trauma and thermal injury (immediate.)	Fatal
3A	29	Male	Unknown	200	1. Blunt force trauma of: a.) Left parietal-occipital skull fracture, b.) Fractures of the left humerus, left femur, and right radius and ulna, and c.) Contusion of the left lung, lower lobe, and mild left hemothorax. Extensive total body 4 th degree thermal injury with a.) Slight soot deposition in the airways and the larynx and trachea surfaces show a thin dark gray coating of soot mixed with blood. Cause of death: combination blunt force trauma and thermal injury (minutes.)	Fatal
3C	20	Male	75	160	Depressed fractures of the posterolateral wall of the left maxillary sinus extending into the orbital floor. Fracture through the anterior wall of the left maxillary sinus, fracture of the left ptergoid plate compatible with Le Fort II zygomatic fracture. Non- displaced fracture through the right sphenoid body, sinus into the carotid canal. First degree facial burns over 30 percent of the face, and oropharyngeal burns. Facial lacerations. Minimal contusion and laceration of the left lobe of the liver with small amount of fluid in the gallbladder fossa and right pericolic gutter.	Serious
3D	42	Male	66	145	Left lower lip laceration across the vermilion border, intraoral laceration of the stellate. Inferior fornix laceration and laceration of the left chin. Small fracture of the C7 right lamina and facet osteophyte fracture of C5 vertebra. Small left upper pulmonary contusion. First degree burns of the face, head and hands.	Serious

4C	30	Male		210	1. Fragmentary human skeletal remains with: a.) Features consistent with high-temperature fire exposure, b.) Blunt-force injuries of extremities including bilateral femur fractures and left humerus fracture, and c.) Maxillary and mandibular segments including fragmentary dental remains. 2. Scene and circumstances consistent with a combination of severe blunt force injury and thermal injury. Cause of death: Combined blunt force trauma and thermal injury (immediate.)	Fatal
4D	19	Male		220	1. Fragmentary skeletal remains with: a.) Features consistent with high-temperature fire exposure, b.) Pre-fire blunt-force injuries uncertain and, c.) Maxillary and mandibular segments including fragmentary dental remains 2. Scene and circumstances consistent with a combination of severe blunt force injury and thermal injury. Cause of death: Combined blunt force trauma and thermal injury (immediate.)	Fatal
5C	19	Male		180	1. Fragmentary skeletal remains with: a.) Features consistent with high-temperature fire exposure, b.) Pre-fire blunt-force injuries – probable distal left ulna fracture and possible spiral fracture of the proximal left femur and, c.) Maxillary and mandibular segments including fragmentary dental remains. 2. Scene and circumstances consistent with a combination of severe blunt force injury and thermal injury. Cause of death: Combined blunt force trauma and thermal injury (immediate.)	Fatal
5D	23	Male		220	1. Fragmentary skeletal remains with: a.) Features consistent with high-temperature fire exposure, b.) Blunt-force injuries of the extremities – probable bilateral femur fractures and, c.) Maxillary and mandibular segments including fragmentary dental remains. 2. Scene and circumstances consistent with a combination of severe blunt force injury and thermal injury. Cause of death: Combined blunt force trauma and thermal injury (immediate.)	Fatal

6C	18	Male	73	165	First degree facial burns. Compression fractures of the L1 and L3 lumbar disks.	Serious
6D	21	Male		170	1. Fragmentary skeletal remains with: a.) Features consistent with high-temperature fire exposure, b.) Pre-fire blunt-force injuries – possible proximal right femur and questionable tibia fractures and, c.) Maxillary and mandibular segments including fragmentary dental remains. 2. Scene and circumstances consistent with a combination of severe blunt force injury and thermal injury. Cause of death: Combined blunt force trauma and thermal injury (immediate.)	Fatal