



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

January 23, 2023

Attachment 1. Injury Chart

SURVIVAL FACTORS

CEN21FA345

Occupant	Age	Sex	Height (in)	Weight (lbs)	Injury Classification	Injury Description
Flight Instructor Front Seat	21	F	65	141	Fatal	Blunt force trauma to the head and neck • Cerebral contusions • Subarachnoid and subdural hemorrhages • Lacerations, contusions, and abrasions to the head and neck • Facial and skull fractures with dural lacerations • C6-C7 cervical spinal fracture/ intervertebral disc laceration Blunt force trauma to the torso • Contusions and abrasions • Sternal fracture • Splenic laceration • Lumbar vertebral transverse process fracture Blunt force trauma to extremities • Right femur fracture
Student Pilot Rear Seat	18	M	67	140	Serious	Blunt force trauma to the head and neck • Subarachnoid and subdural hemorrhages with loss of consciousness • Head and facial lacerations Blunt force trauma to the torso • Multiple fractures of the ribs left side Left 2nd and 5th chondral • Lung contusion • L3-L4 lumbar compression fracture Blunt force trauma to extremities • Fracture of left ulna and radius • Left thigh laceration