

Exhibit Number: 6-L
Docket Number : SA-509

NATIONAL TRANSPORTATION SAFETY BOARD
WASHINGTON, D.C. 20594

OCCUPANT INJURY CHART

Seat location is based on seat assignments except where otherwise noted.

Seat	Age	Sex	Height in Inches	Weight	Injuries	NTSB Classification	MAIS
3A	28	Female	71"	164 lbs	Multiple skull fxs; extensive brain lacerations; large laceration to back of head; fxs of mandible, maxilla, left elbow, left wrist and right knee	Fatal	6
3C	27	Male	68"	153 lbs	multiple scalp lacerations, multiple skull fxs, multiple brain lacerations; subarachnoid hemorrhage; laceration of liver; fx of right forearm; fx of L #2-3 ribs; multiple abrasions of the chest, right arm and leg; laceration of the right leg	Fatal	6
3F	59	Female	Unknown	110 lbs	multiple fxs cranial vault and basilar skull, extensive laceration of face and scalp; multiple fxs right and left ribs; large lacerations to R chest and flank; fx cervical and thoracic spine; fxs right and left humeri, left forearm	Fatal	6

4D	78	Female	63"	150 lbs	mandibular fx, small subdural and subarachnoid hemorrhages; sternal fxs, multiple rib fxs, near complete transection of the upper torso from the lower torso below the level of the umbilicus; multiple pelvic fxs; small splenic laceration, avulsion of the right forearm and hand; small hemoperitoneum; open fx of right lower leg	Fatal	6
5A	30	Female	70"	168 lbs	multiple skull fxs; lacerations base of brain; scalp lacerations; multiple rib fxs; laceration of heart; bilateral hemothorax; extensive laceration of liver; fxs of maxilla, mandible and left humerus	Fatal	6
5E	30	Female	unknown	unknown	multiple fxs skull, facial bones, cervical spine, right humerus, right and left hands, pelvis, right and left legs; avulsion of left forearm from trunk; avulsion of pelvis and legs from trunk	Fatal	6
5F	35	Male	64+"	175	multiple fxs cranial vault and mandible, avulsion of brain; multiple fxs right and left ribs; ascending aortic arch laceration; left hemothorax; fx/dislocation thoracic spine; liver laceration; fx of Humerus and avulsion of R arm from body; multiple fxs left and hand and left ankle	Fatal	6

6A	48	Female	63"	157	dislocation of the vertebral column between C1 and C2; multiple vertebral fxs; mandibular fx; fx of hyoid bone; subdural and subarachnoid hemorrhage; multiple rib fxs (flail chest); near complete transection of the heard; multiple abrasions of the chest; multiple lacerations of liver; hemoperitoneum; fx of L forearm;fx of L femur	Fatal	6
6C	9	Male	53"	66 lbs	multiple skull fxs, large laceration of scalp; multiple lacerations of brain, subarachnoid and subdural hemorrhage; fx L humerus; fx L radius and ulna; fxs of L and R femur; laceration of R thigh	Fatal	6
7A	45	Female	62 1/2"	176	multiple skull fxs, multiple brain lacerations; scalp laceration (back of head); multiple fxs of long bones, pelvis and ribs	Fatal	6
7C	25	Male	unknown	unknown	avulsion of torso from legs; fxs mandible and maxilla, hinge fx basilar skull; acute subdural hemorrhage, right and left cerebral hemispheres, acute subarachnoid hemorrhage, diffuse brain; avulsion of brain stem from cerebrum; atlantooccipital dislocation; fx C4 vertebral body; multiple fxs R and L ribs; multiple lacerations R and L lungs and heart, fxs R and L humeri; fxs R and L tibiae and fibulae	Fatal	6

8F	52	Female	unknown	130	fragmentation of skull and facial bones; avulsion of brain; extensive laceration of scalp; multiple fxs hyoid bone; multiple lacerations to heart and R and L lungs; laceration and pulpification of liver; fx/dislocation (complete) thoracic spine; multiple fxs R and L ribs; fx pelvis; fxs to R humerus, R and L femurs	Fatal	6
9A	32	Male	70"	170"	open skull fxs; multiple lacerations to the brain; subdural hemorrhage; heat induced epidural hemorrhage; traumatic amputation of right forearm; closed fx of R tibia	Fatal	6
9D	47	Female	unknown	119 lbs	extreme head injuries; fxs of R lower leg, R femur, right and left humeri	Fatal	6
10A	39	Male	66"	166 lbs	fragmentation of cranial vault and multiple fxs of basilar skull; fxs to cervical spine, R and L ulnar, R and L femurs, R and L tibiae and fibulae, multiple fxs to R and L ribs, R and L hemothoraces,; multiple lacerations to heart, lungs, liver, and spleen	Fatal	6

10C	2 yrs 5 mos	Female	35"	38 lbs	multiple skull and facial fxs; multiple lacerations of the brain; transection of the heart at level of the ventricles; fxs of R #9 rib; left hemothorax; multiple lacerations of the spleen and liver; diaphragmatic herniation of the liver; open fx of R lower leg	Fatal	6
10D	37	Female	68"	245 lbs	avulsion of crown of the head and entire brain; multiple skull fxs; laceration of the right ventricle of the heart; multiple rib fxs; sternal fx; moderate hemothoraces and hemopericardium; large splenic and liver lacerations; avulsion of the right arm at the shoulder with multiple fxs; fxs of L humerus, right lower leg, and left patella	Fatal	6
10E	6	Female	45"	unknown	extensive skull fxs on right side of cranium; bilateral subdural hemorrhages; fx at base of skull at the right anterior fossa	Fatal	4
10F	17	Male	64 1/2"	115 lbs	subdural hemorrhage, bilateral frontal cerebral hemispheres, fxs to base of skull; hemorrhage, ventricular system of brain	Fatal	4
11A	33	Male	72"	185 lbs	ecchymoses in lower abdomen, multiple abrasions and contusions, 1st degree burns to face and upper lip (hospitalized more than 48 hours)	Serious	1

11C (Sat 11D)	34	Male	68"	168 lbs	skull fxs forehead area; lacerations to brain; fxs right knee area and left shin area	Fatal	4
12A	27	Male	67"	143 lbs	extensive thermal burns; no other traumatic injuries and no definite soot noted within air passages; CO less than 10%	Fatal	6
12C	27	Male	68"	170 lbs	extensive thermal burns; no injury and no definite soot noted within the air passages; CO less than 5%	Fatal	6
13F	38	Male	72"	195 lbs	linear fx in right posterior fossa area of skull; large amount of soot in trachea; CO concentration 35% of saturation	Fatal	2
14A	29	Male	66"	175 lbs	severe thermal injury; fx R#8 rib; fx L#7 rib, small liver laceration	Fatal	6
14F	34	Male	73"	170 lbs	T-12 compression fx, fx base of proximal phalanx, lacerations right leg, abrasions and lacerations of both legs, hematoma left pinna	Serious	2
15A	25	Female	56"	108 lbs	significant thermal injury; CO saturation 25%; probable soot in the larynx, trachea and right bronchus	Fatal	6

15C	20	Male	unknown	unknown	second and third degree burns 70% total body burns circumferentially on his left upper extremities, 90% of his torso and medially on his right upper extremity; open fx with dislocation to left ankle with puncture wound over medial ankle	Serious	5
15D	34	Male	67"	168 lbs	multiple fxs R and L ribs; multiple lacerations to the heart; laceration of left hemidiaphragm with displacement of stomach into chest cavity; laceration of spleen; CO less than 5% saturation	Fatal	6
15E	23	Female	63"	131 lbs	acute subdural hemorrhage, right and left cerebral hemispheres; acute subarachnoid hemorrhage, diffuse; slight brain swelling; multiple fxs R and L ribs fx left lower leg	Fatal	5
15F	23	Female	63"	126 lbs	bilateral hemothorax; rupture of thoracic aorta, multiple fxs in the left anterior rib cage; fx to left lower leg; subarachnoid hemorrhage of the brain; CO 15% saturation	Fatal	6
16A	29	Male	70"	180 lbs	left neck laceration, left axilla laceration, left knee laceration, multiple abrasions and lacerations (Hospitalized more than 48 hours)	Serious	2

16C	23	Female	63"	120 lbs	partial thickness burns of left ear, face and right forearm; deep complex left thigh laceration; avulsion fx of 5th metatarsal of left foot	Serious	2
16E	32	Female	67"	199 lbs	laceration right frontal scalp; subdural hemorrhage right and left cerebral hemispheres of brain; subarachnoid hemorrhage, right cerebral hemisphere; partial avulsion of brain stem from cerebrum	Fatal	6
16F	36	Male	73"	270 lbs	extensive skull fxs, extensive brain lacerations; lacerations to scalp, back and left side of head; extensive fxs of ribs and sternum; bilateral hemothoraces	Fatal	4
17A	39	Female	67"	149 lbs	extensive basilar skull fxs; scalp laceration back of head; severe cerebral edema	Fatal	4
17D	54	Male	Unknown	165	extensive scalp laceration; multiple cranial vault and basilar skull fxs; multiple fxs to right and left ribs; laceration of spleen; fx to right and left forearms and hands; CO less than 5% saturation	Fatal	6

17E	50	Female	Unknown	128 lbs	Multiple skull fxs with avulsion of the brain; lacerations in right chest area and right side of abdomen; multiple fxs of vertebral column; fxs of both arms; fxs of lower left leg and extreme fxs of right leg with avulsion of tissue; multiple lacerations	Fatal	6
18D	20	Male	72"	188	Multiple second degree burns to 15% total body surface; left knee abrasion; 5 cm and 4 cms laceration to left anterior tibia; 3 cm laceration to right lower leg; right ankle abrasion; extensor tendon laceration; rupture to left 3rd finger	Serious	2
18E Lap (Sat in 18F)	18 months	Female	27"	25 lbs	Large hematoma forehead; concussion; facial abrasions and abrasions outside right knee and left inner ankle; abrasion to right lower quadrant of abdomen; small puncture wound under chin; swollen left eyelid; greenstick fx of left distal fibula with mild angulation; "Hairline" fx of left distal tibial metaphysis	Serious	2
18E (Sat in 18F)	28	Female	61"	129 lbs	multiple contusions and lacerations; scalp lacerations (1 inch laceration and 5-6" curvilinear laceration); lacerations to left and right ankles; laceration over left eyebrow	Minor	1

19E (Sat in 19D)	44	Female	64"	140 lbs	L-1 compression fx; 20-25% total body surface second and third degree burns; superficial facial burns, burns on shoulders, second degree burns covering majority of arms bilaterally, patchy spots of burns on the anterior aspect of both thighs and burns around lower aspect of left leg posteriorly over calf region	Serious	3
19F	35	Male	72"	180 lbs	Concussion; superficial and partial thickness thermal burns of hands, arms and face; supraglottic edema; forehead laceration; puncture wound to left lower extremity; right tibia fx; right 5th metacarpal compression fx	Serious	4
20C Lap (sat in lap 21C)	9 months	Female	28 1/2"	27 lbs	cranial vault and basilar skull fxs; laceration left occipital scalp; abrasions to face and forehead, left arm, right leg, and fx 6-8 left ribs; contusions left lung	Fatal	6
20C (sat in 21C)	20	Female	63"	126 lbs	fx of right elbow of proximal radius and ulna, comminuted fx left scapula; 2nd degree burns to right and left hands, forearms, upper arms and both ankles (total burns equal 8-10%); laceration to forehead, ear, scalp, posterior abrasions of left arm.	Serious	2

20E	46	Male	66"	200 lbs	second degree burns to right and left upper extremity, face; closed head injury, left complex thenar fx of left hand; 6cm suprabrow laceration and 4 cm pericanthal laceration; lower lid skin avulsion on the face; laceration right posterior thigh; anterior rib fxs, subconjunctival hemorrhage; right acetabular fx; right fibular fx	Serious	4
20F	46	Female	65"	205 lbs	Multiple fxs to left and right ribs; laceration of the thoracic aorta; subarachnoid hemorrhage, right cerebral hemisphere; burn injuries to face, arms and legs; CO saturation less than 10%	Fatal	6
21A (move to ?? seat)	13	Male	Unknown	97 lbs	third degree burns right posterior calf and dorsal surface of right arm to include proximal hand. Second degree burns to left leg posteriorly and dorsum of left arms. Second and third degree burns to scalp and right back. Estimated 10% third degree and 10-12% second degree.	Serious	3
21C (Sat in 17D)	56	Female	67"	115	laceration left posterior scalp; subgaleal hemorrhage, left frontal area; acute subdural hemorrhage; right and left cerebral hemispheres; acute subarachnoid hemorrhage, multifocal brain; fx/dislocation of C2; multiple fxs right and left ribs	Fatal	4

21D (Sat in 17E)	20	Male	71"	145 lbs	bilateral chest pneumothoraces, L iliac wing fx; R lower leg 3" anterior laceration to exposed tibia; facial burns; multiple contusions to upper and lower extremities	Serious	4
21E (sat in 17F)	5	Male	45"	33 lbs	avulsion of the crown of the head and brain; multiple skull and facial fxs; lacerations of the face;fx R 6th rib; near complete avulsion of right hand; laceration and abrasion of the back	Fatal	6
21F	25	Male	71"	175 lbs	10% body surface 2nd degree burns that were superficial and partial thickness burns including face, forearms, dorsum of hands, and ankles; inhalation smoke injuries	Serious	2

Capt.	38	Male	71"	155 lbs	Anterior leg contusions and abrasions with superficial lacerations; seatbelt ecchymosis; head laceration	Minor	1
F/O	41	Male	67"	148 lbs	2-4 left metatarsal fxs; 4-5 cm scalp laceration on top of head; seatbelt ecchymosis over lower abdomen	Minor	2
F/A "A"	31	Male	68"	180 lbs	2nd degree burns left forearm (2% TBA) and right anterior shin; contusions left leg and sprain left foot	Minor	1
F/A "B"	27	Female	66"	118	5-10% TBSA 2nd degree thermal burns to hands, forearms, face, left lateral posterior leg and right anterior knee; multiple superficial lacerations of extremities	Serious	2
F/A "C"	28	Female	66"	116	Open left patellar fx; 10 cm laceration left thigh; partial thickness burns of left lower arm	Serious	2