

**Accident number ANC22LA035 - N703TH Weight & Balance at
Takeoff**

	Weight (lbs)	Arm (in)	Moment (lb in)	
Empty Weight	4425.00	141.10	624367.50	
Pilot/Pax				
Pilot	195	98	19110.00	
Right Front Seat	190	98	18620.00	
Sec A	652	137	89324.00	
Sec B	449	165	74085.00	
Sec C	305	195	59475.00	
Sec D	170	218	37060.00	
Row 5 (2 seats)	510	250	127500.00	
Cargo	420	279	117180.00	
Fuel				Quantity (gal)
Main Tank (max 50 gal)	204.00	50.0	10200.00	30
Forward Tank (max 62 gal)	414.80	121.0	50190.80	61
Center Tank (max 102 gal)	0.00	154.0	0.00	0
Aft Tank (max 87 gal)	0.00	184.0	0.00	0
A/C Total	7934.80	154.6494	1227112.30	

Accident number ANC22LA035 - N703TH Weight & Balance at Time of Accident

Condition - With main fuel tank full 340 lbs of fuel. Fuel would have been pumped from front tank to main tank before the accident.

	Weight (lbs)	Arm (in)	Moment (lb in)	
Empty Weight	4425.00	141.10	624367.50	
Pilot/Pax				
Pilot	195	98	19110.00	
Right Front Seat	190	98	18620.00	
Sec A	652	132	86064.00	
Sec B	449	173	77677.00	
Sec C	305	211	64355.00	
Sec D	170	246	41820.00	
Row 5 (2 seats)	510	250	127500.00	
Cargo	420	279	117180.00	
Fuel				Quantity (gal)
Main Tank (max 50 gal)	340.00	50.0	17000.00	50
Forward Tank (max 62 gal)	120.80	121.0	14616.80	41
Center Tank (max 102 gal)	0.00	154.0	0.00	0
Aft Tank (max 87 gal)	0.00	184.0	0.00	0
A/C Total	7776.80	155.3737	1208310.30	

Accident number ANC22LA035 - N703TH Weight & Balance at Time of Accident

Condition - With 66 lbs of fuel in main fuel tank. Fuel form the accdient flight burned from the main tank and the main tank not refilled.

	Weight (lbs)	Arm (in)	Moment (lb in)	
Empty Weight	4425.00	141.10	624367.50	
Pilot/Pax				
Pilot	195	98	19110.00	
Right Front Seat	190	98	18620.00	
Sec A	652	132	86064.00	
Sec B	449	173	77677.00	
Sec C	305	211	64355.00	
Sec D	170	246	41820.00	
Row 5 (2 seats)	510	250	127500.00	
Cargo	420	279	117180.00	
Fuel				Quantity (gal)
Main Tank (max 50 gal)	66.00	50.0	3300.00	10
Forward Tank (max 62 gal)	414.80	121.0	50190.80	61
Center Tank (max 102 gal)	0.00	154.0	0.00	0
Aft Tank (max 87 gal)	0.00	184.0	0.00	0
A/C Total	7796.80	157.7807	1230184.30	