

+/-	Item #	Item	Weight (lbs)	Arm	Moment	DOI
		<i>Empty (8-06-07)</i>	<i>12491</i>	<i>UNKN</i>	<i>UNKN</i>	<i>8/6/2007</i>
+	A29	AFF Tracker	2	92	184	12/31/2007
+	B18	Pulse Light system	2	75	150	12/31/2007
+	C	Seat Changes	354	124	43896	8/4/2008
+	D15	Ag Air Hydraulic Sys	108	258	27864	9/17/2007
+	F8	Aerial Liquid Tank	1090	261	284490	3/25/2008
+	F5	Fixed Gear Installation	357	177	63189	12/5/2007
-	F6	Sponson Installation	-971	171	-166041	12/5/2007
+		Aux Battery	88	UNKN	UNKN	8/10/2007
+		Cargo Box (and installation)	95	405	38475	7/4/2008
-		Cargo Hook (+ load beam)	-75	267	-20025	8/10/2008
+		Siren	20	221	4420	6/1/2008
+		Rappel Bracket	17	156.4	2658.8	3/25/2008
+		Radio (TDFM-136)	5	147	735	6/26/2008
-		Foam Tank	-29	328	-9512	7/4/2008
+		Bird Screens	33	154	5082	UNKN
+		Survival Kit	35	371	12985	7/1/2008
-		Transmission Panels	-5	280	-1400	7/5/2008
-		Slider	-30	99	-2970	8/17/2007
+		Bubble Windows (total)	36	99	3564	8/17/2007
-		Bubble Window (co-pilot)	-18	99	-1782	8/5/2008
		Total Empty	13605	266.6	3627093	

August 06, 2007- Build-up to Accident Configuration: Based on Maintenance Entries and Supposition

+/-	Item #	Item	Weight (lbs)	Arm	Moment	DOI
		<i>Empty (8-11-07)</i>	<i>11476</i>	<i>262.3</i>	<i>3010154.8</i>	<i>8/11/2007</i>
+	A29	AFF Tracker	2	92	184	12/31/2007
+	B18	Pulse Light system	2	75	150	12/31/2007
+	C	Seat Changes	62.2	124	7712.8	8/4/2008
+	D15	Ag Air Hydraulic Sys	108	258	27864	9/17/2007
+	F8	Aerial Liquid Tank	1090	261	284490	3/25/2008
+	F5	Fixed Gear Installation	357	177	63189	12/5/2007
-	F6	Sponson Installation	-971	171	-166041	12/5/2007
+		Cargo Box (and installation)	95	405	38475	7/4/2008
+		Siren	20	221	4420	6/1/2008
+		Rappel Bracket	17	156.4	2658.8	3/25/2008
+		Radio (IDFM-136)	5	147	735	6/26/2008
-		Foam Tank	-29	328	-9512	7/4/2008
+		Bird Screens	33	154	5082	UNKN
+		Survival Kit	35	371	12985	7/1/2008
-		Transmission Panels	-5	280	-1400	7/5/2008
-		Slider	-30	99	-2970	8/17/2007
+		Bubble Windows (total)	36	99	3564	8/17/2007
-		Bubble Window (co-pilot)	-18	99	-1782	8/5/2008
		Total Empty	12285.2	266.84	3278177.4	

August 11, 2007- Build-up to Accident Configuration: Based on Chart A from Weighing

+/-	Item #	Item	Weight (lbs)	Arm	Moment	DOI
		<i>Empty (8-15-07)</i>	<i>13073</i>	<i>261.9</i>	<i>3423818.7</i>	<i>8/15/2007</i>
+	A29	AFF Tracker	2	92	184	12/31/2007
+	B18	Pulse Light system	2	75	150	12/31/2007
+	C6	1 man seat	-21.6	171	-3693.6	8/4/2008
+	C7	1&2 man seat	-58.8	205	-12054	8/4/2008
+		Full Seating	354	255.85	90570.9	UNKN
+	D15	Ag Air Hydraulic Sys	108	258	27864	9/17/2007
+	F8	Aerial Liquid Tank	1090	261	284490	3/25/2008
+	F5	Fixed Gear Installation	357	177	63189	12/5/2007
-	F6	Sponson Installation	-971	171	-166041	12/5/2007
+		Cargo Box (and installation)	95	405	38475	7/4/2008
+		Siren	20	221	4420	6/1/2008
+		Rappel Bracket	17	156.4	2658.8	3/25/2008
+		Radio (TDFM-136)	5	147	735	6/26/2008
+		Bird Screens	33	154	5082	UNKN
+		Survival Kit	35	371	12985	7/1/2008
-		Cargo Hook (and load beam)	-75	267	-20025	3/25/2008
-		Transmission Panels	-5	280	-1400	7/5/2008
-		Bubble Window (co-pilot)	-18	99	-1782	8/5/2008
-		Hoist	-135	156.4	-21114	UNKN
		Total Empty	13906.6	269.76	3751408.8	

August 15, 2007- Build-up to Accident Configuration: Based on Supposition of Configuration for Hoist Testing

+/-	Item #	Item	Weight (lbs)	Arm	Moment	DOI
		<i>Empty (12-26-07)</i>	<i>12369</i>	<i>262.3</i>	<i>3244388.7</i>	<i>12/26/2007</i>
+	C6	1 man seat	-21.6	171	-3693.6	8/4/2008
+	C7	1&2 man seat	-58.8	205	-12054	8/4/2008
+		All Seats	354	255.85	90570.9	UNKN
+	F8	Aerial Liquid Tank	1090	261	284490	3/25/2008
+		Cargo Box (and installation)	95	405	38475	7/4/2008
+		Siren	20	221	4420	6/1/2008
+		Rappel Bracket	17	156.4	2658.8	3/25/2008
+		Radio (TDFM-136)	5	147	735	6/26/2008
+		Bird Screens	33	154	5082	UNKN
+		Survival Kit	35	371	12985	7/1/2008
-		Cargo Hook (and load beam)	-75	267	-20025	3/25/2008
-		Transmission Panels	-5	280	-1400	7/5/2008
-		Bubble Window (co-pilot)	-18	99	-1782	8/5/2008
-		Hoist	-135	156.4	-21114	UNKN
		Total Empty	13704.6	266.09	3646632.8	

December 27, 2007- Build-up to Accident Configuration: Based on Supposition of Configuration for Hoist Testing and Maintenance Documentation

+/-	Item #	Item	Weight (lbs)	Arm	Moment	DOI
		<i>Empty (01-04-08)</i>	<i>12328</i>	<i>263.10</i>	<i>3243496.8</i>	<i>1/4/2008</i>
+	C1	2 man seat	35	124	4340	8/4/2008
+	C6	1 man seat	21.6	171	3693.6	8/4/2008
+	C7	1&2 man seat	58.8	205	12054	8/4/2008
+	C8	1&2 man seat	58.8	239	14053.2	8/4/2008
+	C9	1&2 man seat	58.8	273	16052.4	8/4/2008
+	C10	1&2 man seat	58.8	307	18051.6	8/4/2008
+	C11	1 man seat	25	341	8525	8/4/2008
+	C14	2 man seat	37.2	371	13801.2	8/4/2008
+	F8	Aerial Liquid Tank	1090	261	284490	3/25/2008
+		Cargo Box (and installation)	95	405	38475	7/4/2008
-		Cargo Hook (+ load beam)	-75	267	-20025	3/25/2008
+		Siren	20	221	4420	6/1/2008
+		Rappel Bracket	17	156.4	2658.8	3/25/2008
-		Foam Tank	-29	328	-9512	7/4/2008
+		Bird Screens	33	154	5082	UNKN
+		Survival Kit	35	371	12985	7/1/2008
-		Transmission Panels	-5	280	-1400	7/5/2008
-		Bubble Window (co-pilot)	-18	99	-1782	8/5/2008
		Total Empty	13845	263.72	3651241.6	

January 04, 2008- Build-up to Accident Configuration: Based on Chart A from Weighing

+/-	Item #	Item	Weight (lbs)	Arm	Moment	DOI
		<i>Empty (03-25-08)</i>	<i>13553</i>	<i>261.87</i>	<i>3549100</i>	<i>3/25/2008</i>
+	C1	2 man seat	35	124	4340	8/4/2008
+	C6	1 man seat	21.6	171	3693.6	8/4/2008
+	C7	1&2 man seat	58.8	205	12054	8/4/2008
+	C8	1&2 man seat	58.8	239	14053.2	8/4/2008
+	C9	1&2 man seat	58.8	273	16052.4	8/4/2008
+	C10	1&2 man seat	58.8	307	18051.6	8/4/2008
+	C11	1 man seat	25	341	8525	8/4/2008
+	C14	2 man seat	37.2	371	13801.2	8/4/2008
+		Cargo Box (and installation)	95	405	38475	7/4/2008
+		Siren	20	221	4420	6/1/2008
+		Rappel Bracket	17	156.4	2658.8	3/25/2008
-		Foam Tank	-29	328	-9512	7/4/2008
+		Bird Screens	33	154	5082	UNKN
+		Survival Kit	35	371	12985	7/1/2008
-		Hoist	-135	211	-28485	3/25/2008
-		Cargo Hook (+ load beam)	-75	267	-20025	3/25/2008
-		Transmission Panels	-5	280	-1400	7/5/2008
-		Bubble Window (co-pilot)	-18	99	-1782	8/5/2008
		Total Empty	13845	263.19	3643869.8	

March 25, 2008- Build-up to Accident Configuration: Based on Chart C

+/-	Item #	Item	Weight (lbs)	Arm	Moment	DOI
		<i>Empty (8-15-07)</i>	<i>13073</i>	<i>261.9</i>	<i>3423818.7</i>	<i>8/15/2007</i>
+	A29	AFF Tracker	2	92	184	12/31/2007
+	B18	Pulse Light system	2	75	150	12/31/2007
-	C7	1&2 man seat	-58.8	205	-12054	8/4/2008
-	C14	2 man seat	-37.2	371	-13801.2	8/4/2008
+	D15	Ag Air Hydraulic Sys	108	258	27864	9/17/2007
+	F5	Fixed Gear Installation	357	177	63189	12/5/2007
-	F6	Sponson Installation	-971	171	-166041	12/5/2007
+		Siren	20	221	4420	
-		Cargo Hook (and load beam)	-75	267	-20025	
-		Hoist	-135	156.4	-21114	
		Total Empty	12285	269.25	3307704.5	

August 15, 2007- Build-up to January 04, 2008 Configuration (12,328 lbs or 43 lbs heavier)

+/-	Item #	Item	Weight (lbs)	Arm	Moment	DOI
		Empty (12-26-07)	12369	262.3	3244388.7	12/26/2007
-	C6	1 man seat	-21.6	171	-3693.6	8/4/2008
-	C7	1&2 man seat	-58.8	205	-12054	8/4/2008
-		Cargo Hook (and load beam)	-75	267	-20025	
-		Hoist	-135	156.4	-21114	
		Total Empty	12078.6	265.64	3208616.1	

December 26, 2007- Build-up to January 04, 2008 Configuration (12,328 lbs or 249 lbs heavier)