

		180 MESS reports received in 2016						
	REPORTED				FAILURE	FAILURE TYPE		
#	DATE	MANUFACTURER	MOTOR TYPE	CASING CODE	DATE		BAD	
						CATO	DELAY	OTHER
1	1/3/16	Estes	C6-5	A041707	1/1/16	1		
2	1/4/16	AeroTech	I59WN-P	8120905	8/1/15			1
3	1/7/16	Estes	E12-0	08/18/11	8/5/15	1		
4	1/7/16	Estes	E12-0	08/18/11	8/5/15	1		
5	1/7/16	Estes	E12-0	08/18/11	8/5/15	1		
6	1/7/16	Estes	E12-8	08/18/11	8/5/15	1		
7	1/7/16	Estes	E12-8	08/18/11	8/5/15	1		
8	1/7/16	Estes	E12-8	08/18/11	8/5/15	1		
9	1/7/16	Estes	E12-6	08/18/11	8/5/15	1		
10	1/7/16	Estes	E12-6	08/18/11	8/5/15	1		
11	1/7/16	Estes	E12-6	08/18/11	8/5/15	1		
12	1/7/16	Estes	E12-6	08/18/11	8/5/15	1		
13	1/7/16	Estes	E12-6	08/18/11	8/5/15	1		
14	1/7/16	Estes	E12-4	08/18/11	8/5/15	1		
15	1/7/16	Estes	E12-4	08/18/11	8/5/15	1		
16	1/11/16	Estes	C6-5	A050306	1/2/16			1
17	1/27/16	CTI	K1440-17A	Not Availabl	1/23/16	1		
18	1/30/16	Estes	D12-5	41513	1/30/16	1		
19	1/31/16	AeroTech	F50-4T	103175	1/30/16	1		
20	2/4/16	Estes	E12-4	A 06 22 12	1/31/15	1		
21	2/7/16	Estes	E12-0	A081811	1/2/16	1		
22	2/7/16	AeroTech	H123W-M	2261302	2/6/16	1		
23	2/9/16	CTI	J270-13A		9/12/15	1		
24	2/9/16	CTI	J357-17A		10/10/15	1		
25	2/10/16	Estes	D12-5	A072613	2/6/16	1		
26	2/13/16	Estes	E9-6	A 09 04 12	1/31/16	1		
27	2/14/16	Estes	E9-6	09 04 12	2/13/16	1		
28	2/18/16	Estes	E12-6	A081811	1/23/16	1		
29	2/22/16	Estes	E12-5	05-15-12	2/23/16			1
30	2/22/16	Estes	D12-5	A 04 15 13	2/22/16	1		
31	3/15/16	Estes	E9-4	06 28 11	3/12/16	1		
32	3/15/16	Estes	E9-4	06 28 11	3/12/16	1		
33	3/19/16	CTI	I223	JUN 12 2015	3/19/16	1		
34	3/21/16	Estes	E9-4	A062811	3/19/16	1		
35	3/22/16	AeroTech	J250		3/19/16	1		
36	3/26/16	Quest	D5P	????	3/12/16	1		
37	3/27/16	AeroTech	G79-7W	110925	3/26/16	1		
38	3/31/16	Estes	E12-0	A 08 18 11	3/20/16	1		
39	3/31/16	Estes	A10-3T	A051512	3/20/16	1		
40	4/2/16	Estes	E9-6	A 06 28 11	4/2/16	1		
41	4/3/16	Estes	C11-3	03 01 06	4/3/16	1		
42	4/3/16	AeroTech	H268-14	3211405	4/2/16	1		
43	4/3/16	CTI	F51-13		4/4/16	1		

44	4/5/16	CTI	H225	September 1, 2015	4/2/16	1		
45	4/7/16	CTI	H125-12A	P38R-A-2G-CL	4/2/16	1		
46	4/7/16	CTI	H152-15A	A-2G-BL™™	4/2/16	1		
47	4/10/16	CTI	I303	2015	4/9/16	1		
48	4/11/16	CTI	I303	2015	4/9/16	1		
49	4/11/16	Estes	E9-6	09 02 09	4/9/16	1		
50	4/16/16	CTI	H100-15A		4/16/16	1		
51	4/17/16	Estes	B6-4	A030106	4/17/16	1		
52	4/17/16	Estes	C6-5	A030106	4/17/16	1		
53	4/18/16	CTI	1K630-15A	May 12, 2015	4/16/16			1
54	4/23/16	Estes	C11-0	A 06 28 11	4/23/16	1		
55	4/25/16	Estes	D1205	A031113	4/24/16			1
56	4/25/16	CTI	G150BS	DEC 23 2010	4/25/16	1		
57	4/27/16	Estes	E12-4	04 02 12	4/9/16	1		
58	4/27/16	Estes	E9-4	06 22 12	4/17/16	1		
59	4/28/16	Estes	E9-6	01-04-13	4/23/16	1		
60	4/29/16	Estes	E12-4	A 08 18 11	4/23/16	1		
61	4/30/16	AeroTech	F50-6T	101495	4/30/16	1		
62	5/9/16	AeroTech	G38-7FJ		5/8/16	1		
63	5/9/16	AeroTech	G38-7FJ	to locate due	5/8/16	1		
64	5/10/16	AeroTech	G40-7	5211207	3/21/16	1		
65	5/18/16	AeroTech	H250	to seri no.35	5/15/16			1
66	5/22/16	Estes	B4-2	A090412	5/21/16	1		
67	5/23/16	CTI	J335	Dec 11 2011	4/21/16		1	
68	5/28/16	Estes	D12-5	3-15-74	5/28/16	1		
69	5/28/16	CTI	H225-14W	15 Sep 2015	5/28/16	1		
70	5/31/16	AeroTech	G77-7R	111915	5/14/16	1		
71	5/31/16	CTI	H225-14a	September 2015	5/28/16	1		
72	5/31/16	CTI	H225-14A	SEP 01, 2015	5/28/16	1		
73	6/11/16	AeroTech	D9-4W	7300903	6/11/16		1	
74	6/12/16	CTI	H152-15A	12/30/15	6/11/16	1		
75	6/13/16	CTI	J145	October 2015	6/11/16	1		
76	6/16/16	CTI	H123	Jan 18 2016	6/11/16	1		
77	6/18/16	Estes	E9-6	A 06 15 14	6/18/16	1		
78	6/19/16	CTI	I540WT	JAN 28 2015	6/5/16			1
79	6/19/16	AeroTech	E6-8	102495	5/21/16	1		
80	6/20/16	Estes	D12-3	A041513	6/20/16			1
81	6/22/16	AeroTech	E30-7T	100633	6/18/16	1		
82	6/22/16	CTI	J580SS	2015" or "Oct	6/10/16	1		
83	6/25/16	Estes	E9-8	A 04 14 11	6/25/16	1		
84	6/26/16	Estes	E12-4	A081811	5/28/16	1		
85	6/26/16	CTI	I212	December 24, 2015	5/14/16	1		
86	6/26/16	Estes	E9-4	06 22 12	6/25/16			1
87	6/29/16	Estes	G80-7T	6121208	6/25/16	1		
88	07/01/16	CTI	J316	2016	6/24/16	1		
89	07/04/16	CTI	H125-12a	9/22/15	7/3/15		1	
90	07/04/16	Estes	C6-3	A061915	7/2/16	1		
91	07/06/16	Quest	C6-3	809	3/4/16	1		

92	07/06/16	Estes	A8-3	A061915	3/2/16	1		
93	07/06/16	Estes	A8-3	A061915	3/2/16	1		
94	07/06/16	Estes	A8-3	A061915	3/2/16	1		
95	07/06/16	Estes	A8-3	A061915	3/2/16			1
96	07/10/16	Estes	B6-4	A061915	7/9/16	1		
97	07/16/16	CTI	H152-15A	DEC 30 2015	7/9/16	1		
98	07/16/16	CTI	H125-12a	MAY 05 2015	7/9/16		1	
99	07/16/16	AeroTech	G53-10FJ		7/16/16		1	
100	07/17/16	AeroTech	G77-10A	111005	7/16/16	1		
101	07/19/16	Estes	E12-0	A 05 15 12	7/16/16	1		
102	07/20/16	CTI	J270-13A	9/4/15	7/16/16	1		
103	07/21/16	CTI	K260-P	Dec 11 2013	6/25/16	1		
104	07/22/16	AeroTech	G64-7W		7/16/16	1		
105	07/27/16	AeroTech	G79W-M	6010903	7/23/16	1		
106	07/30/16	Estes	E9-6	08 09 04	7/23/16	1		
107	08/07/16	AeroTech	M2400T	6061602	7/23/16	1		
108	08/09/16	AeroTech	G49-10W	111005	7/26/16	1		
109	08/10/16	Estes	E16-0	A082911	7/28/16	1		
110	08/21/16	CTI	H120-14A	8/27/15	8/20/16	1		
111	08/21/16	Estes	A10-PT	A071006	8/20/16	1		
112	08/22/16	Estes	E9-6	A 01 12 16	8/20/16	1		
113	08/23/16	AeroTech	H250G-M	1071507	8/20/16			1
114	08/28/16	AeroTech	E18-4W	5120804	8/28/16			1
115	09/01/16	Estes	B6-4	A040115	8/20/16		1	
116	09/04/16	CTI	H120-14A		8/20/16	1		
117	09/04/16	Estes	E9-8	A 06 28 11	9/3/16	1		
118	09/05/16	Estes	G40-7W		9/30/16	1		
119	09/07/16	Estes	E9-4	A 01 12 16	9/5/16	1		
120	09/10/16	AeroTech	F72-10	902899	8/27/16	1		
121	09/12/16	AeroTech	E18-4W		6/10/16	1		
122	09/13/16	AeroTech	G40-7W	102785	8/27/16	1		
123	09/15/16	Estes	E9-4	A 01 28 08	9/11/16	1		
124	09/18/16	Estes	E9-4	01 12 16	9/17/16	1		
125	09/25/16	Estes	C6-5	A04170	9/25/16	1		
126	09/25/16	Estes	C11-5	A 03 11 13	9/24/16	1		
127	09/26/16	Estes	A3-4T		9/25/16			1
128	09/26/16	Estes	A3-4T	A091514	9/25/16	1		
129	09/27/16	Estes	E9-4	A011216	9/24/16	1		
130	09/29/16	Estes	E12-6	08 18 11	8/27/16	1		
131	09/30/16	Estes	C5-3	6Y9	9/25/16	1		
132	09/30/16	Estes	C5-3	6Y9	9/25/16	1		
133	09/30/16	Estes	1/2A6-0	16H10	9/25/16	1		
134	10/01/16	Estes	F16-6	4/15/13	10/1/16	1		
135	10/02/16	Estes	E9-6	A 09 04 12	10/1/16	1		
136	10/02/16	Estes	E12-6	A 08 18 11	10/1/16	1		
137	10/02/16	Estes	E12-8	A 08 18 11	10/1/16	1		
138	10/09/16	CTI	J290-15A	Oct 6 2015	10/8/16	1		
139	10/12/16	Estes	E9-4	A 06 22 12	10/9/16			1

140	10/16/16	CTI	G68-13A	1151	10/15/16	1		
141	10/16/16	AeroTech	H128-W(M)	7171302	10/15/16	1		
142	10/22/16	Estes	E12-4	A 08 18 11	10/8/16	1		
143	10/22/16	CTI	J520-16A	ov 10/26 201	2/20/16	1		
144	10/24/16	Estes	D12.7	A 11 15 11	10/23/16	1		
145	10/28/16	CTI	K160-6		10/18/19	1		
146	10/29/16	Estes	E9-6	09 15 14	10/15/16	1		
147	10/29/16	Estes	E9-6	09 15 14	10/15/16	1		
148	10/30/16	Estes	E9-6	A 06 28 11 2	10/26/16	1		
149	10/31/16	AeroTech	J825R-M	7021501	10/29/16	1		
150	10/31/16	Estes	E9-8	06 14 01 A	10/29/16	1		
151	11/04/16	Estes	D12-5	A1115111	10/29/16	1		
152	11/05/16	AeroTech	G64-7W	7271107	11/5/16	1		
153	11/06/16	Estes	B6-4	A050301	11/5/16	1		
154	11/06/16	Estes	D12-5	16 A 8	11/5/16	1		
155	11/06/16	Estes	D12-5	16 A 8	11/5/16	1		
156	11/06/16	Estes	E9-4	06 14 01	11/5/16	1		
157	11/07/16	Estes	D12-0	07 18 05 A	11/5/16	1		
158	11/12/16	AeroTech	J250W-14A	100685	11/6/16	1		
159	11/12/16	CTI	K260-CL		11/12/16	1		
160	11/13/16	CTI	J145		11/12/16	1		
161	11/14/16	Estes	E9-6	5 14 & A 01	11/5/16		1	
162	11/17/16	AeroTech	K375NW	8201505	11/5/16			1
163	11/19/16	Estes	E9-4	A 09 02 09 1	11/19/16	1		
164	11/20/16	Estes	E12-6	A 04 02 12	11/19/16	1		
165	11/20/16	AeroTech	G77-7R	102382	11/20/16	1		
166	11/20/16	Estes	E12-6	62212	11/5/16	1		
167	11/27/16	AeroTech	F44-8W	102665	11/26/16	1		
168	11/27/16	Estes	E9-6	A 01 12 16	11/24/16	1		
169	11/27/16	AeroTech	G76G		11/5/16	1		
170	11/30/16	Estes	E9-6	A 01 12 16	11/18/16	1		
171	11/30/16	Estes	E9-6	A 01 12 16	11/27/16	1		
172	12/04/16	AeroTech	F32-8T	100456	12/3/16	1		
173	12/04/16	Estes	E9-6	A 09 04 12	11/27/16	1		
174	12/04/16	Estes	E9-6	1/12/16	12/4/17	1		
175	12/05/16	AeroTech	D21-7	101376	11/15/16	1		
176	12/10/16	Estes	E9-4	A 09 15 14	12/10/16	1		
177	12/19/16	Estes	F15-0	08 29 11	12/18/16	1		
178	12/23/16	Estes	E9-4	A 01 12 16	10/1/16	1		
179	12/29/16	Estes	E9-4	A091514	12/14/16	1		
180	12/31/16	Estes	E9-4	A 01 12 16	12/28/16	1		
					SUM	158	7	15

MESS reports percentage by Manufacturer and Type

		FAILURE TYPE				CATO
MANUFACTURER	MOTOR TYPE		BAD		MOTOR	% OF
		CATO	DELAY	OTHER	TOTAL	TOTAL
AeroTech	D21	1			1	0.6
AeroTech	D9		1		1	0.0
AeroTech	E18	1		1	2	0.6
AeroTech	E30	1			1	0.6
AeroTech	E6	1			1	0.6
AeroTech	F32	1			1	0.6
AeroTech	F44	1			1	0.6
AeroTech	F50	2			2	1.1
AeroTech	F72	1			1	0.6
AeroTech	G38	2			2	1.1
AeroTech	G40	2			2	1.1
AeroTech	G49	1			1	0.6
AeroTech	G53		1		1	0.0
AeroTech	G64	2			2	1.1
AeroTech	G76	1			1	0.6
AeroTech	G77	3			3	1.7
AeroTech	G79	2			2	1.1
AeroTech	H123	1			1	0.6
AeroTech	H128	1			1	0.6
AeroTech	H250			2	2	0.0
AeroTech	H268	1			1	0.6
AeroTech	I59			1	1	0.0
AeroTech	J250	2			2	1.1
AeroTech	J825	1			1	0.6
AeroTech	K375			1	1	0.0
AeroTech	M2400	1			1	0.6
CTI	F51	1			1	0.6
CTI	G150	1			1	0.6
CTI	G68	1			1	0.6
CTI	H100	1			1	0.6
CTI	H120	2			2	1.1
CTI	H123	1			1	0.6
CTI	H125	1	2		3	0.6
CTI	H152	3			3	1.7
CTI	H225	4			4	2.2
CTI	I212	1			1	0.6
CTI	I223	1			1	0.6

CTI	I303	2			2	1.1
CTI	I540			1	1	0.0
CTI	J145	2			2	1.1
CTI	J270	2			2	1.1
CTI	J290	1			1	0.6
CTI	J316	1			1	0.6
CTI	J335		1		1	0.0
CTI	J357	1			1	0.6
CTI	J520	1			1	0.6
CTI	J580	1			1	0.6
CTI	K1440	1			1	0.6
CTI	K160	1			1	0.6
CTI	K260	2			2	1.1
CTI	K630			1	1	0.0
Estes	1/2A6	1			1	0.6
Estes	A10	2			2	1.1
Estes	A3	1		1	2	0.6
Estes	A8	3		1	4	1.7
Estes	B4	1			1	0.6
Estes	B6	3	1		4	1.7
Estes	C11	3			3	1.7
Estes	C5	2			2	1.1
Estes	C6	4		1	5	2.2
Estes	D12	9		2	11	5.0
Estes	E12	27		1	28	15.0
Estes	E9	34	1	2	37	18.9
Estes	E16	1			1	0.6
Estes	F15	1			1	0.6
Estes	F16	1			1	0.6
Estes	G40	1			1	0.6
Estes	G80	1			1	0.6
Quest	C6	1			1	0.6
Quest	D5	1			1	0.6
TOTAL		158	7	15	180	

However these results may be off due to one person filing 13 MESS reports for Estes E12 motors all at once. The actual failure took place 5 months before he reported it.

MESS forms filed by	
Total Impulse	
1/2A	1
A	8
B	5
C	11
D	14
E	70
F	8
G	18
H	19
I	6
J	13
K	6
L	0
M	1
N	0
TOTAL	180