



Maryland Tripoli Report



©B. Mantell 98

Cover: Bill Mantell's 6" Eclipse on a K700 at ESL 22.

Editor's Corner:

<http://www.erols.com/robertu>

email: robertu@erols.com

Editor Bob Utley

It was *HOT!* The past two months have been very good for our Hobby. Hot, no wind and big blue skys. Hope everyone took advantage of the weather.

Again I want to thank Neil McGilvray for the first *Special Edition*, since he may get out of rocketry soon. More on this later.

I did a mass emailing to the members about a gift. If you did not get the mailing, please email me your address, it could be important later on.

I hope everyone had a Great holiday.

Now on with the news.

CORRECTIONS:

Last Newsletter I left out one Cert Level 1 person. W. Heizer on October 17, 1998 got his level 1. Sorry for missing you.

Treasurer report:

Treasurer David Weber

November 19, 1998. The bank had \$2080.89 of the club money in it.

December 17, 1998. The balance was \$2403.50. D. Weber let us know at the launch in November

we collected over \$700.00, we can use more launches like that. Also remember it is that time for membership dues.

Meeting summary:

November 19, 1998

D. Bullis started off the meeting by letting everyone know that the field caught fire last weekend. Once everyone, picked up there jaw, D. Bullis informed us that there was a fire after an R/C weekend. One of the flyers went into the woods to find their R/C and someone smoking discarded their butt in a dead tree. At 9:30 pm Mr. Higgs got word that the tree was on fire. Once the fire was out and under control, they watched it smoke for days. Point of story, field strip smokes if you do smoke. We have had none of these problems and do not want to start now.

Meetings at the Library are now from 7:00pm to 8:45 pm.

LIARS lost their field for now. So you can expect to see them at our launches in the coming months. This may result in a longer line, and a small parking problem. Solutions, get there early. We do welcome them to the launch, and hope they find a field soon.

Fred Wallace gave us good news about the BATF status. See "Breaking News" for the update.

December 17, 1998

D. Bullis had his rocket on display at the meeting. He thanked Neil McGilvray and Bill Mantell for

the help with the materials and welding, and everyone else that contribute to the rocket. He considers this a group rocket because of all the help.

The launch schedule for next year will have a 16K-foot waiver in place. The dates are not set yet, but will be coming soon.

Tripoli had 5 experimental launches in 97, 10 in 98 and will have 32 in 99. This is due to everyone wanting to try out uncertified motors. So look for them next year.

Neil McGilvray presented Dave a M2230 motor for a Christmas gift from the club members. Kathy Gilliland came up with the idea, I did a mass emailing to the members I had an address on and Neil took a collection at the meeting and did the honors. Dave was speechless. Thanks go to, Joe Mays, Neil McGilvray, Kathy Gilliland, Fred Wallace, Tony McAndrew, Mark Jenkins, Dennis Sauer, Dave Weber, Bob Booker, Ivan Barnsley, Pete Bennett, Mike Banz, Kevin Shephard, Bill Mantell, Ed Brun, Ron Walter, George Sechrist, Augie Gray, Larry Waltz and me.

Upcoming Launches:

See Calendar at end of newsletter for local launches for January and February 1999.

Launch summary:

ESL # 22 & 23
Delaware Nov 8 & Dec 5

Delaware November 8, 1998

The launch was from 9:00-5:00, with a 5k AGL waver.

Cool day, with some clouds above. There were times when there were gusts of winds, on the whole not a bad flying day. The field was big, almost 2X2 miles to the tree line.

Ed Brun sent up a big rocket on a K550 with 2-stage recovery for a great flight. Bill Mantell's rocket (cover picture) was sent up on a K550, 2-stage recovery and it landed about 200 yard from the back of his truck. What more can you say.

Fred Wallace sent up his rocket on a K550 (I believe) but the wind caught it and he had a long walk for recovery.

Tom McDonald had a bad day to say the least. Cato'd almost everything he was trying to fly.

Neil McGilvray sent up the Cow on a K550 late in the day, which I missed.

Lester Sherman sent up his unpainted rocket to over 7K feet.

Kathy Gilliland's "2 the Stars" did well on an I-300.

ESL #22

Launch was November 21 & 22, 1998, 9:00-5:00 10k MSL waver.

November 21, 1998. Windy, Windy, Windy. Yes, it was windy. The die-hards and "this is the only day I have" flew. 56 flights including an M flight. Bill Davidson was on hand to watch this one. Pat Barber's Amraam took to the sky in a great boost, only to separate at apogee.

To make matters worst the payload, under chute, landed on the top of the only group of trees. It was recovered the next day. Three Cert. Level 1's were tried, only one made it. Brian Bellerose, congratulations. Jeff Davenport braved the winds with a J570 for a great flight, and Guy DeStefano's rebuilt Iris put in a stunning flight as well.

November 22, 1998. Hard to believe, no wind, no clouds, warm, well almost. Perfect day for flying. Dave Weber had 3 flights in before 8:30 in the morning. 179 flights on this day.

Chris Battes did his Level 3 with an Outstanding flight. 3 Level 1's, Lowie Berlin, Joe Manning and the flyer who did not fill out the flight card completely. Alan Holmes got Level 2 with ease. Congratulations to all of you.

Lester Sherman and Fred Wallace showed off the Ellis Mountain motors for good flights. Neil McGilvray's Cowabonga did a cluster flight (more on this later). Ed Brun's "Home Depot 4 fun" which looks like an upscale Fat Boy on a K550 for a great flight. Bill Mantell's 6" Eclipse on a K700 for another great flight, (pictured on cover).

On the crash and burn side there were a couple. My T/S upper stage lit before separation and burned the booster glass, it's fixed now. Nelson Wallace's cluster Burser EXP boosted on a K550 with 2 I161, only one lit at launch, the other on the way down (power recovery), sad to see, not much left. Tade Sullivan's beautiful V2 blew a forward closure with no damage.

As you can see with only 70 flyers and 235 flights, everyone got their fill of flying on this launch.

Delaware December 5, 1998

Same field as in Nov. different location on field, which I feel, is much better. 16,000 AGL waver this time.

Lester Sherman put a rocket up on an Ellis motor to over 7K feet. Tom McDonald's 2 stage worked well, this is getting old Tom. Kevin Mitchell put up a rocket (forget name) to over 12k feet and recovered it 3.5 miles away. Way to go Kevin.

Crash & burn..... (Pages 14 & 15) Sorry Neil. Yes, Neil McGilvray's Cowabonga, K700, 2 J350 put on quite a show, considering it only went 35 feet high. In all fairness, especially after the 2 plus hours of ribbing I gave him on the field, clustering is hard to do. I for one have not tried it. Neil knew the K would come up to speed slowly, so the J's were to get it up in the air till the K kicked in. It had worked at **ESL #22**. Problem, only 1 J lit, which was enough to lift the rocket off the pad, after that was a show and tons of smokes. Once it all cleared out, he could carry the rocket back in one hand.

ESL #23?

Sunday December 13, 1998, time 10:30am. Dave Bullis and Dave Lucas on field in car, raining. Clouds at 2900' and falling. Cold.

10:35am stopped raining. 5 more cars and we have a launch.

11:00am pads set-up, awaiting rockets.

1:00pm, first rocket goes off. I missed it for a food run, never trust these guys. They told me nothing would happen.

3:00pm, after using fire retardant on the field. Dave Bullis Monster on a K1700 takes to the sky. Alt. 2120.

4:00pm Mr. Long flies a rocket on an H. Good flight.

4:30pm Fred Wallace put his rocket on pad. Arms R/C, ejection charge goes off.

5:00pm head for home.

About 20 people showed up. Lots of stories and fun.

That's the facts.

Pr e f e c t C o r n e r :

Dave Bullis

Dear Fellow Rocketeers.

I write to you now, to thank you all who gave me for Christmas the rocket motor I received, in the December Monthly meeting. It came as a huge surprise. I did notice though that the motor came with a small string "attached", to fly it. I have to schedule a rocket launch in the near future. Man, that's going to take a lot of arm-twisting. Wow, that took about one nanosecond of twisting my arm, for me to sit down and think about filling out a waiver.

While I was receiving this motor I alot heard a lot of people thanking me for making Maryland Tripoli for what it is. I definitely appreciate this "Pat on the Back!". It's not everyday that a person gets

this recognition. I am very proud to know that you all care this much.

This is a situation in which I want to do some thanking myself. I want to thank-you all for making Maryland Tripoli for what it is. If it wasn't for you all, flying rockets and pushing the outside of the envelope, this club would not have grown to what it has become.

Others that deserve some recognition is the landowner Mr. Thomas Higgs. Remember he is the one who makes available this large open space we all need to carry out our activities.

The other person who should receive the thanks-you's is GOD himself. Thank him for watching over us for good weather. Safe flying, no accidents and the freedom just to fly. There are many places on earth, where what we do is absolutely taboo. For this freedom I am truly grateful.

I pray that this new 1999 launching season is as successful and safe as the last one. Best wishes to you all. Once again, Thank you all.

Per for mance hobby

<http://www.web2.com/perfhobbies/>

Now carries Aero-Pack for 1999, Giant Leap soon. Almost anything you could need they should have. Phone (202) 723-8257.

Next Issues:

- Launch Summary, Jan & Feb
- Events for March & Apr
- More Pictures of your rockets

New Members:

Welcome to Maryland Tripoli.

Greg Kendig
9490 Honeysalt Row
Columbia, MD 21045

Eric Kucera
615 Terrapin Lane
Salisbury, MD 21804

Guy DeStefano
499 Farmington Ave.
Pottstown, PA 19464

Breaking News:

November 19, 1998

F. Wallace, had made several phone calls to the BATF, to check into storage for himself. Once in contact with the BATF, he was told that the new rule as stated in the last newsletter would not come to be. The BATF has a ruling on "Fast Track" to have everything stay as it was.

Therefore, all motors at 62.5 grams and below will not be regulated by the BATF. Most all single use G's and 38mm reloads are not regulated.

Mr. Wallace went on to say that the BATF is looking into a way to get completely out of regulating our hobby. They hope to have this completed by the year 1999-2000.

Some members wanted to know what is the rule and how does it apply to them. Basically like black power, if the motor is 62.5 grams (per slug if a reload) or less, you can store, transport or launch without a LEUP permit. If the motor is above

this amount you can use it in the state you live. You are required a LEUP for out of state use, or one with storage for transporting it to a launch site

Year in Review:

With the exception of one launch at the beginning of the year, these are the numbers for Maryland Tripoli Launches.

317242.5 ns were burned. I have no idea what that equates to, other than a lot.

There were 25 Level 1 cert. Flights, 11 Level 2 cert flights and 3 Level 3 flights this year.

The kits that flew the most were, 274 Scratch kits, 213 Estes kits, 108 Aerotech kits, 94 LOC kits and 83 PML kits.

The motor that was used the most was a G motor, 142 of them. I have a chart of the motor usage at the end of the newsletter, for all you bean counters.

The person with the most flights is Ivan Barnsley the person who burned the most AP Fred Wallace and of course the person who burned the most black power is Ivan Barnsley.

In the past year we have seen some great flights, of course none of them were mine. And not so great flights, again none of them were mine, ok maybe one or two. Count our blessings we never had to call the fire department or the hospital.

I know I have a great time and look forward to the coming year.

Bob Utley.

Flight Log November 21, 1998 ESL #22

Flyer	Manufacturer	Model	Motors	Result
Pat Barber	Scratch	Amraam	M-1419	<Cert 3> The Ground is hard.
Brian Bellerose	Public Enemy	Patriot	H 123	Maiden/Sep
Brian Bellerose	LOC	Stars & Stripes 4ever	H 180	<Cert1> Got it.
Brian Bellerose	Estes	Long Shot	D12-0 D12-7	Ok
John Boatwright	Scratch	Thugly	H 124-10	<Cert1> sep.
Bob Booker	MSH	V-2	H128	Nice Job
Joey Browning	Estes	Phat Boy	D12-3	Ok
Warren Cramer	Estes	Phoenix	D12-3	No Chute
Jeff Davenport	JD Cluster	Axe	D12-7	Nice Flight
Jeff Davenport	JD Cluster	Dynamo	H 242	Good Flight
Jeff Davenport	LOC	Magnum	J 570	Ok
Guy DeStefano	Binder	Iris	I 357	Ok
Guy DeStefano	PML	Graduator	H 128	Good Flight
Guy DeStefano	MSH	V-2	H 238	Great
Kevin Fink	Estes	Mach 12	C6-3	Ok
Kevin Fink	Estes	Mach 12	C6-5	Ok
Kevin Fink	Estes	Mach 12	C6-3	Ok
Larry Harris	Estes	Bandit	C6-7	Nice Flight
Harris	Estes	Shadow	D12 (2)	Great Job
Harris	Estes	Broadsword	D12-3	Ok
Greg Kendig	Public Enemy	Patriot	H 124	Perfect Flight
Greg Kendig	NCR	Eliminator	F 62	Ok
Greg Kendig	Aerotech	Initiator	G80	Ok
Marjorie Kraemer	Aerotech	Ariel	H 128	Good Flight
Marjorie Kraemer	Hawk Mount	Raptor	F50	Ok
John Mainville	Scratch	Hawk	J 270	"Wow, Real Squirrley"
Chris Marsellas	Scratch	I Will Beat Steven	D12-5	No Go
Chris Marsellas	Scratch	Flash	F20	Nice & High
Jake Nelson	Scratch	Cornicopia	F 20	Nice
Jake Nelson	Estes	Sky Winder	C6-5	Perfect
Jeremiela Nelson	Estes	ESX	C6-5	Rock-n-Roll
Josh Nelson	Estes	Javilin	C 6-5	OK
Justin Nelson	Estes	Flash	C6-7	OK
Justin Nelson	Estes	Flash	C6-7	Nice Flight
Rick Oasen	Launch Pad	Hellfire	D12-3	OK
Rick Oasen	Aerotech	Cheetah	F20	Ok
Dorran Schultz	Scratch	Parat	G80	Ok
Dorran Schultz	Aerotech	Initiator	F62	Nice
Don Shope	Scratch	?	D12-7	Ok Nice
Donald Shope	Aerotech	Mustang	F20	
Mike Stede	LOC	Not-so-mini-mag	I 357	Ok
Kim Steele	Scratch	Son of Field Burner	I 161	<Cert1> No Chute
Steve Street	Estes	Maniac	D12-5	Ok
Steve Street	Scratch	I Will Beat Chris	D12-5	
Steve Street	Estes	Maniac	D12-5	Ok
Steve Street	Estes	Maniac	D12-5	No Go
Stanley Thomas	PML	UFY	H 242	Ok
Matt Tiger	Scratch	VB Extreme	F62	Ok Very High
Matt Tiger	Scratch	Bull Pup	F52	Nice Flight
Meagan Wallace	NCR	Big Brute	F20-4	Good
Nelson Wallace	Aerotech	Baracuda	G35-7	Ok
Dave Weber	Weber Eng	Yellow Jacket	G 35	Ok Nice
David Weber	Weber Eng	I Killed Kenny	E 30	Nice Kill
Joe Webster	Aerotech	Initiator	E15	Nice Flight
Dave Young	PML	Minor Detail	H 242	Perfect
Harry	Estes	Bandit	C6-7	Ok

Flight Log November 22, 1998 ESL #22

Flyer	Manufacturer	Model	Motors	Result
??	??	PML	Amber	<Cert 1>
???	???	Estes	Fat Boy	Good Flight
???	???	Scratch	Rich	Good Flight
Richard Ash	Scratch	USAF Asat	D 12-3	
Richard Ash	Scratch	Fluffy	B6-4	
Richard Ash	Scratch	Gemeni Titan	C 5-3	Nice Rocket
Rizzy Ash	Estes	Navy Aim 97A	B6-4	
Mike Banz	PML	Special K (Tethys)	I 284	

Flight Log November 22, 1998 ESL #22

Flyer	Manufacturer	Model	Motors	Result
Mike Banz	Aerotech	Initiator	G 64-7	Good Flight
Mike Banz	Estes	Mean Machine	F39-6	Perfect Flight
Pat Barber	Scratch	Spike	J 350	
Pat Barber	Scratch	Wom Bat	I 195	
Pat Barber	Scratch	3 Dog Flight	H124, G80(2)	No Chute
Chris Battes	Scratch	A.P. Eater	M-2240	<Cert 3> Outstanding
Louie Berlin	Scratch	Citation Patriot	F62-6 (3)	Good Flight
Lowie Berlin	Scratch	Plum Crazy	H124-10	<Cert 1> Got it
Bob Booker	LOC	Forté	G64-7	Nice Flight
Bob Booker	Binder	Excell	H128-5	Good
Bob Booker	LOC	I-Roc	I161-5	Good Flight
Lawrence Brema	?	Venom	C 6-5	
Lawrence Bremer	Estes	Fat Boy	D 12-3	Good Flight
Lawrence Bremer	Estes	Venom	B4-4	Nice Flight
Lawrence Bremer	Estes	Venom	B6-4	Good Flight
Ed Brun	Scratch	Home Depot 4 Fun	K 550	
Ed Brun	PML	Patriot	K 500	
Ed Brun	Scratch	Sod Buster	I 211-5	Self Destroy'd
Ray Carlino	NCR	Quantum	F 80	
Ray Carlino	LOC	I-Roc	I 300	
Ray Carlino	NCR	Quantum (Modified)	G54,D12 (2)	
Ray Carlino	Scratch	Silver Star	H 330	Double Strobe Lights
Terry Chalfant	Rocket R&D	Sarge	H 123	Good Flight
Terry Chalfant	THOY	Phoenix	I 154	
Jerome Craig	Scratch	Bull Pup	I 310	
Jerome Craig	Scratch	CF Wonder	I 154-S	
Rich Custer	LOC	Bumble (Mini Mag)	G 80	Watch for paratrooper Gumby
Rich Custer	Scratch	Custer Cluster Thruster	D12-5 (3)	
Rich Custer	Scratch	Project X	D 12-3	
Richard Custer	Scratch	NewDetroit	G 35	
Colin Davidson	Scratch	Thunder Bolt	D 12-5	
Colin & Bill Davidson	LOC	Swamp Thing	K155-10	
Michael DeWeese	Aerotech	Astrobee D	G 54	
Michael DeWeese	PML	Amraam 3"	I 161-10	
Michael DeWeese	Estes	Battler Seven	C6-5	Nice High Flight
Michael DeWeese	Estes	Astro Cam	C6-7	Good Flight
Michael DeWeese	Estes	Astro Cam	C6-3	Good Flight
Louis Discko	Scratch	The Hulk	K 700	
Robert Edmonds	Scratch	DeeCee Thunder	D12-3	
Robert Edmonds	Scratch	Ecee Thunder	I2-3	
Robert Edmonds	Scratch	Cici	D12, D12	
Kevin Fink	Estes	Mach 12	C6-7	Good Flight
Kathy Gilliland	MSH	V-2 2"	D12-5	OK, Good Flight
Kathy Gilliland	Binder	2 the Stars (Sentinel)	H 320-8	Good Flight
Kathy Gilliland	MSH	V-2 2"	E15-7	Good Flight
David Green	LOC	Glory (Mini Mag)	H 128	
David Green	Aerotech	none	H 128	
Christopher Helwig	LOC	Loc 4	H 220	
Christopher Helwig	PML	Cheos/Thunder	I 230	
Mike Henry	PML	Endeavor	I 211	
Mike Henry	Aerotech	Wart-Hog	G 64	
Alan Holmes	PML	Eclipse	J 275	<Cert 2> Got it
Greag Kendig	NCR	Eliminator	G 64	
Greg Kendig	Public Enemy	Patriot	H 124	
Greg Kendig	Public Enemy	Patriot	H 124	
Greg Kendig	NCR	Eliminator	G64-10	
Greg Kendig	Public Enemy	Patriot	H124-14	very long delay
Erik King	LOC	4-29SS	G35-7 (4)	Good Flight
Jeffrey Kitchen	Scratch	Smokin Joe	J 570	No Go
Larry Kraemer	PML	Bull Pup	H 128-6	Good Flight
Marjorie Kraemer	Scratch	Black Lighting	G104-6	Good
David Lacas	Estes	Mercury Atlas	F24-4	sepr
Dave Lucas	Scratch	Army Sergeant	J 460	Good Flight
Dave Lucas	Aerotech	Instigator	H 200	
Joe Manning	PML	Endeavor	H 180	<Cert 1> Got it
Bill Mantell	PML	6" Eclipse	K 700	
Joe May	PML	Smokin Plover	I 195-10	No Main
Sean McAndrew	THOY	Falcon	J 350	Nice Flight

Flight Log November 22, 1998 ESL #22

Flyer	Manufacturer	Model	Motors	Result
Neil McGilvray	Scratch	Amazing Grace	K 550	
Neil McGilvray	Scratch	Cowabonga	K 550, J350	Good Flight
Stu McGilvray	Scratch	V-2	H 124	
Stu McGilvray	Estes	Red Barren	C6-3	
Stu McGilvray	LOC	Dog's Foot	G40	Good
Kevin McHugh	Estes	Sidewinder	C6	
Kevin McHugh	Estes	Sidewinder	B6	
Michael McHugh	Estes	Scorpion	C6	
Michael McHugh	Estes	(none)	C6-5	
Mike McHugh	PML	Amram 4	J 350	Very Violent Death
Mat&Stephen Melling	Estes	Mini-Flash	C6-7	
Stephen Melling	Estes	Amraam	C6-5	
Kevin Mitchell	Scratch	Sandhawk	K700,H97(4)	
David Morris	PML	Bare Naked	I 300	
Craig Myer	PML	Tomahawk	H 180-10	
Crag Myers	LOC	Forte	H 128	
Craig Myers	PML	Patriot	H238-6	Good Flight
Matt Myers	Estes	Cork Screw	C6-5	
Jeremin Nelson	Estes	Wolf Pac	C6-5	
Jeremin Nelson	Estes	Big Bertha	C6-5	
Jeremrah Nelson	Estes	Phoenix	D12-5	100' Flight
Jermin Nelson	Estes	Prowler	D12-5	
Josh Nelson	Estes	Sky Winder	B6-4	
Josh Nelson	Estes	Skywinder	B4-4	
Josh Nelson	Estes	Javelin 2	B6-4	Perfect
Tim Nist	LOC	Syonic	L 850	
Tim Nist	Rocket R&D	Wac Corp	J 460,I 65	No 2nd light, rec. in pieces
Tim Nist	Rocket R&D	Arcas	K 185	Good Flight
Mitch Pines	Scratch	Red Dart	F 80	
Mitch Pines	?	Johnny Walker	H 92-10	No-Ejection
Ted Proseus	Scratch	Remains	E 18	
Ted Proseus	Scratch	Rigel	H128-S	Good Flight
Kevin Quir	PML	Tomahawk D-Region	H 242	short delay, together
Kevin Quire	LOC	Forte	G 80	
Kevin Quire	PML	Ariel	H 123-6	
Justin Robey	Aerotech	Initiator	F 40	
Bonnie Rosenthal	Aerotech	Mustang	G35-7	
Bonnie Rosenthal	?	Pink Panther	C6-5	Good Flight
Stephen Rosenthal	Estes	Wizard	C 6-5	
Stephen Rosenthal	Estes	Heli Cat	C6-5	
Stephen Rosenthal	Estes	Prowler	D21-7	
Stephen Rosenthal	Estes	Prowler	C6-5	Good Flight
Ben Russell	Scratch	Yellow Express	K 550	
Damian Russo	?	EZI	J 275	
Dennis Sauer	Binder	Sentinel	J 350	<Cert 2> sep.
Dennis Sauer	PML	Pteradactgl, Jr	I 211	Good Flight
George Sechrist	Scratch	V-2	H 128-S	Perfect Boost
Lester Sherman	Scratch	Plum Crazy	J 330	Good Flight Ellis motor
Don Shope	Scratch	?	E 30	
Don Shope	Scratch	?	F39-9	Good Flight
Don Shope	LOC	Lil Nuke	G80-7	Good Flight
Don Shope	Scratch		F 39	
Don Shope	LOC	Vulcanite	H 120	
Bryan Slogick	Scratch	Last Chance	H 120	Motor emits flame & sparks
Bryan Slogick	Scratch	Wham Bam Thank y...J 200		
Bryan Slogick	Scratch	Wham Bam Thank y...J250-12		Beautiful
Bryan Slogick	PML	Eclipse	J 650	
Mike Steele	Scratch	Trick or Treat	H 238	
Mike Steele	Scratch	Nuke	H 128	
Mike Steele	Scratch	200M	I 161	Good Flight
Brian Strege	Estes	Silver Comet	D12-3	
Brian Strege	Estes	Impulse	D12,D12	
Brian Strege	Aerotech	Arreaux	F25-9	
Tade Sullivan	LOC	Kiss the Sky (V2)	K 1100	
Mathew Tiger	Scratch	Bull Pup	G 64-7	
Mathew Tiger	Aerotech	Chectah	F39-6	Sepration
Mathew Tiger	Scratch	VB Extreme 29	G 35	Good Flight
Anthony Trancucci	LOC	Bruiser	J 275	

Flight Log November 22, 1998 ESL #22

Flyer	Manufacturer	Model	Motors	Result
Tom Trancucci	PML	Patriot	K 550	
Norwood Truitt	Scratch	N100-B	G 40	Good Flight
Bob Utley	Scratch	Terrier/Sandhawk	J415, H123	
Bob Utley	Scratch	Screaming Attitude	I-125	Good Flight
Robert Utley	Estes	Beta	C6-7	
Robert Utley	Estes	Python	DI2-7	
Robert Utley	Estes	Nike Arrow	A10	
Robert Utley	Estes	X-Ray	A-10	Good Flight
Robert Utley	Quest	Delta Clipper	C6-3	Ok
Fred Wallace	Scratch	Waho-Jr	G35	
Fred Wallace	LOC	Magnum/Hot Streak	K 550	
Fred Wallace	Scratch	Wahoo	I 230	Lawn Dart, Ellis motor
Fred Wallace	Scratch	?	?	Good Flight
Nelson Wallace	LOC	Burser Exp	K550, I 161	
Nelson Wallace	Scratch	Fake 3 Stage	H 120-8	chute tangled
Todd Weaver	Rocketman	Wahoo	I 284	
David Weber	LOC	Norad	F50	Good
David Weber	Weber Eng	Yellow Jacket	F14	Cool Spin
David Weber	NCR	Black Hole Betty	G80	Repairable
David Weber	Weber Eng	Tuber	G75-s	Flight 95
David Weber	Weber Eng	Sticker Shock	H123-S	Good Flight
Joe Webster	Aerotech	Initiator	F 39	
Joe Webster	Aerotech	Initiator	F 12	
Joe Webster	Aerotech	Initiator	F 39-6	
Joe Webster	Aerotech	Initiator	F25-6	Good Flight
Joe Webster	Aerotech	Initiator	F39-6	Good Flight
Joe Webster	Aerotech	Initiator	F12-3	Good Flight
Steve Wilson	Estes	Astro Cam	C6-7	Smile
Steve Wilson	LOC	Aura	F 50	
Steve Wilson	PML	Bull Puppy	H 123	
Wayde Winazak	LOC	Jessa Lyn	G40	
Wayde Winazak	PML	Air Wave	H242	
Wayne Winazak	Scratch	Silver Lining	F 50	
Dave Young	PML	Patriot	J 275	
Lizzy	Estes	Aim 57	A8-3	Good Flight

Please fill out flight card clearly



©R. Utley 4/98

Flight Log November 21 & 22, 1998 ESL #22

Motor Usage

A	3	7.5
B	8	40
C	34	340
D	28	560
E	5	200
F	30	2400
G	27	4320
H	46	14720
I	23	14720
J	19	24320
K	14	35840
L	1	5120
M	2	20480
N	0	0
O	0	0

240 TOTAL MOTORS

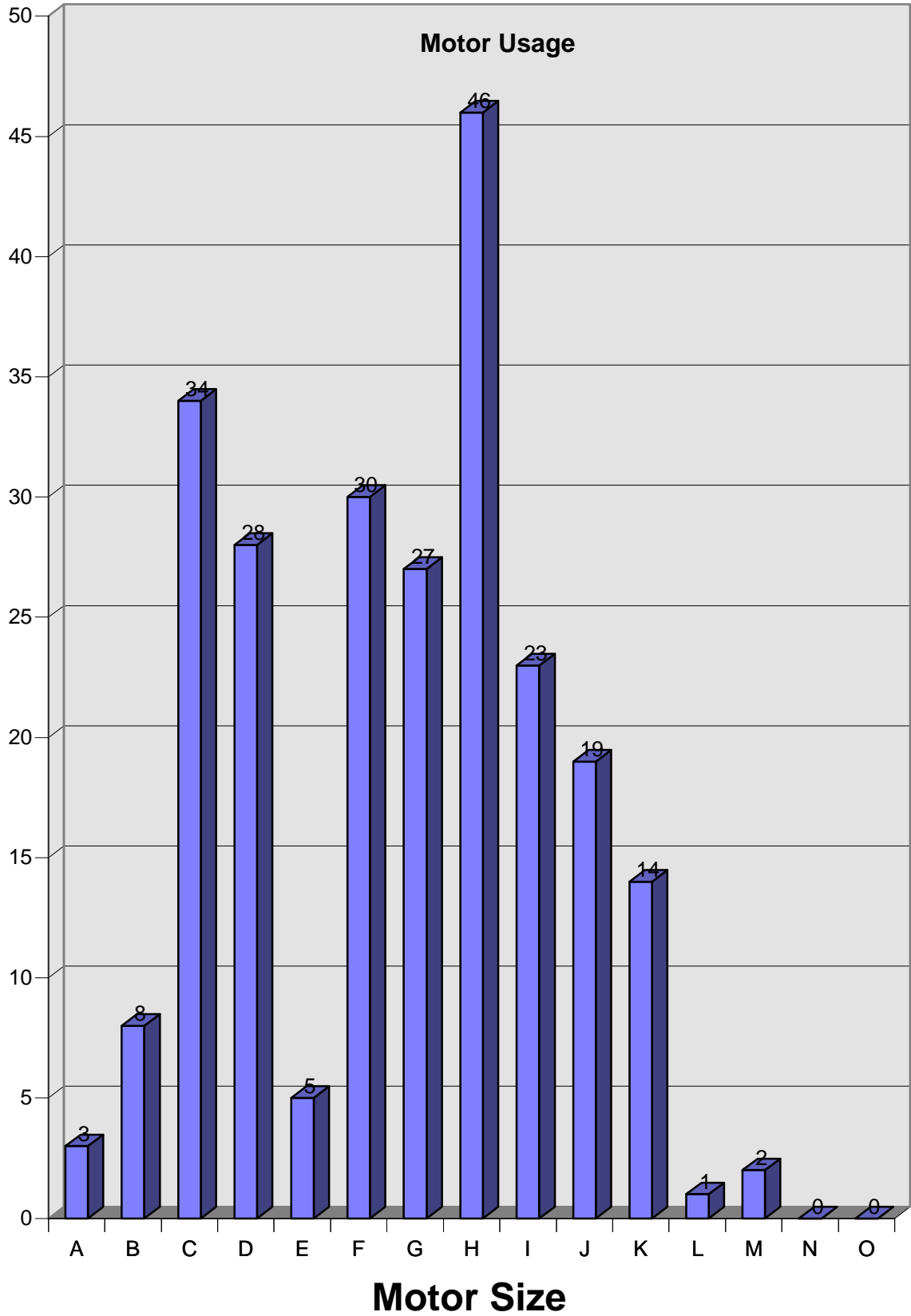
123067.5 NEWTON/SECONDS

That's 1 Space Shuttle and some change.

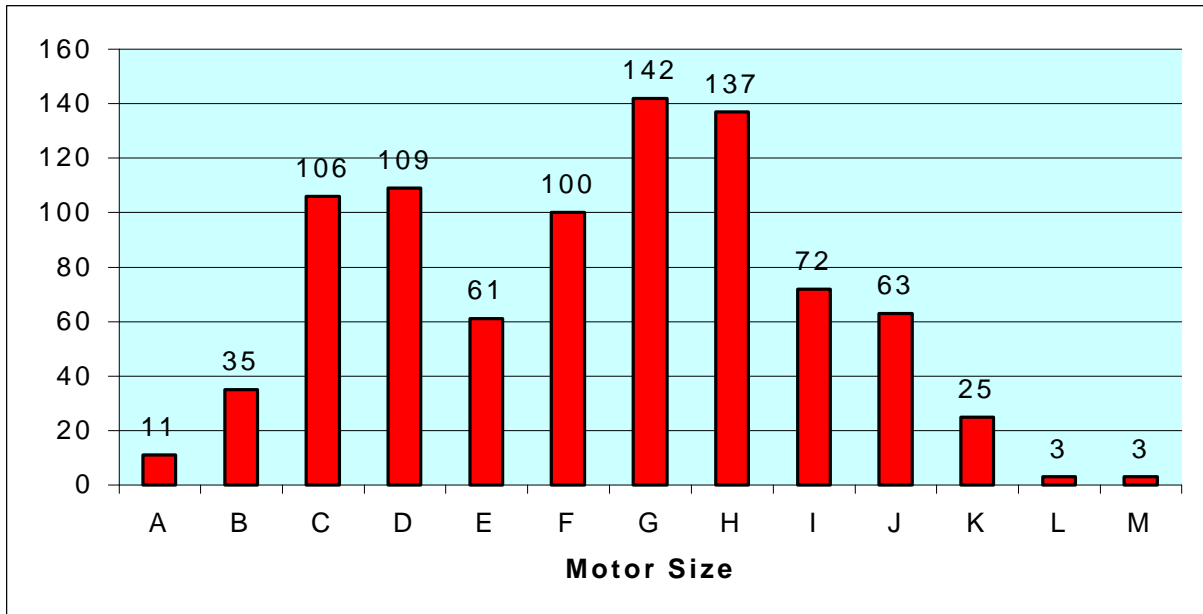
3+ O motors

Model Usage

Atlantic	0		
Aerotech	22		
Binder	4		
Dynacom	0		
Estes	56		
Hawk Mountain	1		
High Flight Tech	0		
Hobby Lab	0		
JD Cluster	2		
LOC	24		
Launch Pad	1		
MSH	4	56	Flights on 11/21
NCR	7	179	Flights on 11/22
PML	26	70	Registered Flyers
Pratt Hobbie	0		
Public Enemy	5	235	TOTAL FLIGHTS
Quest	1		
Rocketman	1		
Rocket R&D	3		
Rogue Aero	0		
TCB	0		
Thoy	2		
Scratch	67		
V.B.	0		
Unknown	4		
Wahoo	0		
Weber Eng	5		
	235		TOTAL ROCKETS



Motor Usage for 1998 (Year in Review)



©B. Mentell 10/98



©B. Mentell 10/98

KEEP THE POINTY END
UP AND THE FIERY
END DOWN
D. BULLIS

**Photo's Page 10, K. Gilliland Dots
on a H120, Page 13 unknown for
both.**

<http://www.mdtripoli.org/>
Copyright 1998, M.T.R. (#68)



©N. Truitt 12/98

1. Looks good now.



©N. Truitt 12/98

3. Left turn blinker is on.



©N. Truitt 12/98

2. Two motors taking a short ride.



©N. Truitt 12/98

4. Looking for pasture.



©N. Truitt 12/98

5. Lets try a different pasture.



©N. Truitt 12/98

7. This is the smoking section?



©N. Truitt 12/98

6. Touch-down, notice motor.



©N. Truitt 12/98

8. Power modification at work.

January 1999

Rocket Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																				
					1	2																																																																																				
						Whitakers, NC																																																																																				
3	4	5	6	7	8	9																																																																																				
Maryland & Delaware have not been determined yet.																																																																																										
10	11	12	13	14	15	16																																																																																				
17	18	19	20	21	22	23																																																																																				
						Whitakers, NC																																																																																				
24	25	26	27	28	29	30																																																																																				
31	<table border="1" style="display: inline-table; margin-right: 20px;"> <caption>December 98</caption> <thead> <tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr> </thead> <tbody> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td></td></tr> <tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td></tr> <tr><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td></tr> <tr><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td></tr> </tbody> </table> <table border="1" style="display: inline-table;"> <caption>February 99</caption> <thead> <tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr> </thead> <tbody> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> <tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>						S	M	T	W	T	F	S		1	2	3	4	5		6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			S	M	T	W	T	F	S		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28						
S	M	T	W	T	F	S																																																																																				
	1	2	3	4	5																																																																																					
6	7	8	9	10	11	12																																																																																				
13	14	15	16	17	18	19																																																																																				
20	21	22	23	24	25	26																																																																																				
27	28	29	30	31																																																																																						
S	M	T	W	T	F	S																																																																																				
	1	2	3	4	5	6																																																																																				
7	8	9	10	11	12	13																																																																																				
14	15	16	17	18	19	20																																																																																				
21	22	23	24	25	26	27																																																																																				
28																																																																																										

February 1999

Rocket Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
Mary land & Delaware have not been determined yet.						
<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	<i>13</i>
<i>14</i>	<i>15</i>	<i>16</i>	<i>17</i>	<i>18</i>	<i>19</i>	<i>20</i>
<i>21</i>	<i>22</i>	<i>23</i>	<i>24</i>	<i>25</i>	<i>26</i>	<i>27</i>
<i>28</i>	Whitakers, NC					

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			