**2007 Meeting Reports**

### January 2007 Meeting Minutes (1/20/2007)

### The January 4th MASA meeting was held in the MN Science Museum lobby.  A discussion was held on not having future meetings at the musuem during events at the Excel Energy Center; due to the traffic and increased parking fees. Unless you are a museum member, you might not be able to get a refund in the future.

### Election of officers was held.

### 2007 President Mike Erpelding 2007 Vice President Alan Estenson 2007 Secretary/ Treasurer Rick Vatsaas

### A small discussion on meeting topics was held. Due to a smaller turn out, it was decided to table the meeting topics schedule until the next meeting.

### It was decided to have a NARCON planning meeting session at the next two meetings as well.

### We need to take a look at setting up a working budget for MASA to see if the current membership dues are enough to cover club expenses.

### It was also discussed if hosting a National or Regional NAR launch would require all participants to become MASA members to comply with the bylaws. We need to check into adding a phrase to the bylaws clarifying this issue.

### Mark Nelson volunteered to host a MASA launch at his farm this winter.

### Timothy Barr brought a homemade launch pad that he constructed using 8020 extruded aluminum from a local supplier.

### *(Mike Erpelding)*

### February Meeting Minutes (2/3/2007)

### The February 2007 MASA meeting was held on the 1st at the Science Museum.

### 12 people attended the meeting.

### Mike has been contacted about MASA doing a rocket presentation for the CAP on either Feb 15 or 22.  The location would be Holman Field in St. Paul.  If you would be interested, please contact Mike for more info.

### Secretary/Treasurer duties have been transferred to Rick Vatsaas.  The online and downloadable (pdf) membership forms have been updated with his name & address.

### The February 24 launch will be at the White Bear Lake field (weather permitting).  The January launch was canceled due to poor weather.

### Buzz McDermott is planning to have an official contest at the June MASA launch.  He will be announcing the contest events soon.

### NARCON is coming up very, very quickly!  Not much over a month away, now.  All MASA members are encouraged to attend!

### Show -n- Tell

### Caleb Boe brought a variety of home-sewn nylon chutes.  He plans to sell them at NARCON.

### Andy Heren brought a FlisKits Long Overdue.

### Buzz McDermott brought a Squirrel Works Starcruiser FFE and a modified Sunward Gravity Rider.

### Tim Barr brought a variety of large "found" tubes to give away.  He also brought along an Aiptek digital video camera.

### Planning

### Those present decided on meeting activities through the middle of the year.

### March - pre NARCON prep tasks

### April - post NARCON "decompression" and review.  (Party?  :-)

### May - Contest models, tips, etc - Buzz McDermott

### June - kitbash of some sort - ?

### July - picnic

### *(Alan Estenson)*

### April Meeting Minutes (4/17/2007)

The April 2007 MASA meeting was held on the 5th at the Science Museum.

8 people attended the meeting.

* The April launch will be on the 28th.  It will be at the Nowthen sod fields if they are dry enough.  If not, then it will probably be at the VFW soccer fields.  Final decision will be posted to the mailing list and on the web site.
* An outreach request has been received for August.  Information has been posted to the mailing list.
* TARC - a discussion was held about the status of various local teams and having launches before the qualification deadline.
* Ted Cochran talked about launch safety.
* The NARCON experience was discussed.  (We survived!  Yay!)
* The proposed version 4.0 of the MASA bylaws was discussed.  A motion was made and seconded to accept the revised bylaws.  A voice vote was called with the result of 8 ayes and no nays.  The result of votes received via the mailing list poll and email will also be taken into account.  If passed, the new version of the bylaws will go into effect at the May MASA meeting.  (The bylaws may be found [here](file:///C:\Users\rocke\OneDrive\Desktop\MASA%20website\Old%20website%20from%20Alan\masa\files.htm).)  Raising club dues will also be discussed at the May meeting.

Show -n- Tell

* David Whitaker brought a recently-built Cherokee D made from the PDRocketry kit.

### *(Alan Estenson)*

### May Meeting Minutes (5/5/2007)

### The May 2007 MASA meeting was held on the 3rd at the Science Museum.

### 11 people attended the meeting.

### The April launch was a big success with 185 flights!  This was MASA's biggest flight day in 4 years.

### The May launch will be on the 26th at Nowthen.  This is Memorial Day weekend.  We will be continuing to setup the range as misfire alley with a few "community" pads provided.  We will be looking for people to volunteer to do one hour range duty shifts.

### The June meeting will be on the 7th at the Science Museum.  We will be starting (another) Baby Bertha kitbash.  This one will have relaxed rules.  The challenge will be to build something "Goony"!

### A reminder that there will be contests at the June launch - A Streamer Duration, C Boost Glider, Spot Landing, Predicted Duration.

### The date for the summer picnic was discussed, but not set yet.  The two possible dates are July 7 and July 21.

### Revision 4.0 to the MASA bylaws have been approved and are now in effect.  The MASA officers will be discussing whether dues should be raised this year.

### MASA has been invited to setup a display table in the science room at Convergence - a local science fiction convention held on July 6-7-8.

### Upcoming Outreach Events (Volunteers Needed!)

### Thursday, May 17 Cub Scout Pack 626 [Fourth annual] Long Lake Regional Park in New Brighton. Format essentially identical to the last couple of years - Launch rockets starting at about 7PM and we should be wrapped up by dark. Expect 50 or so rockets to fly.

### Saturday, May 19 Gems/Gise spring festival: <http://www.gems-gise.org/> Jordan Park Community School 1501 30th Avenue North 1:00 - 5:00 p.m. This is the successor to the Rocket League Program of past years. Teams will be flying B-Eggloft duration. Carol Marple is coordinating volunteers; they could use a bunch of help, as well as launch pads, etc.  This is on the same weekend as TARC, so a lot of us won't be in town--please help if you can.

### Tuesday, May 29 Westwood Elementary School [9th Annual MASA outreach there!] Build Estes Generic E2X rockets

### Monday, June 4 Westwood Elementary School Launch

### Show -n- Tell

### David Whitaker brought his new RRR Starliner and Semroc Centurion.

### Ted Cochran brought his new Hawks Hobby Super Sprite

### Tim Barr brought a Pegasus rocket informational binder.

### Ken Jarosch brought a 24mm Scrambler, Semroc Mars Lander, a "found parts" tube-fin rocket, and a tube fin pyramid rocket.

### *(Alan Estenson)*

### June Meeting Minutes (6/12/2007)

### The June 2007 MASA meeting was held on the 7th at the Science Museum.

### 9 people attended the meeting.

### The June 23rd launch will be at the sod farm near Nowthen.  Contests are planned - see the Events page for details.

### An evening launch is planned for the summer solstice - June 21 - at the Elk River VFW.

### The annual MASA picnic and launch will be held on July 21 at the Elk River VFW.

### MASA has been invited to setup a display table in the science room at Convergence - a local science fiction convention held on July 6-7-8.  The hours are 4-7 on Friday, 10-6 on Saturday, and noon-4 on Sunday.  If you would be interested, please speak up!  It's being held at the Sheraton South in Bloomington.  <http://www.convergence-con.org/>

### Meeting topics are needed for the August through November MASA meetings.  Some ideas were:  L1 cert how-to, RockSim, Electronics (altimeters, etc), video rockets, and V2's.  If you have ideas, or would like to volunteer to lead a topic, please let us know!

### Show -n- Tell

### Ken J. brought along three rockets built from the Excelsior Goony retro-bash plan sets - Goony Ghost, Goony Bird Zero, and Goony Max.

### Alan E. brought along a tilt/swivel launch rod mount that was made from a speaker mount.  He also brought along his new 6-pad launch controller.

### Robert brought along some Russian model rocket books that he acquired on Ebay.

### Baby Bertha Kitbash Kickoff!  Challenge - build something "Goony" starting from the parts in the Estes Baby Bertha kit! Then, we'll launch these Goony creations at the summer picnic in July. For inspiration, here are the original Estes Goonybirds: Star Snoop <http://www.dars.org/jimz/est0850.htm> Cloud Hopper <http://www.oldrocketplans.com/estes/est0851/est0851.htm> <http://www.dars.org/jimz/est0851.htm> Galaxy Guppy <http://www.oldrocketplans.com/estes/est0852/est0852.htm> <http://www.dars.org/jimz/est0852.htm> Zoom Broom <http://www.oldrocketplans.com/estes/est0853/est0853.htm> <http://www.dars.org/jimz/est0853.htm> Missile Toe <http://www.oldrocketplans.com/estes/est0854/est0854.htm> <http://www.dars.org/jimz/est0854.htm> Sky Shriek <http://www.oldrocketplans.com/estes/est0855/est0855.htm> <http://www.dars.org/jimz/est0855.htm> If you decide to recreate one of the original Goonybirds, Excelsior Rocketry sells reproduction decals for them. <http://towrowrow.tripod.com/excelsiorrocketry/id38.html> Excelsior also has a bunch of Goony Retro-Bash decal/plansets. <http://towrowrow.tripod.com/excelsiorrocketry/id6.html> (Most, but not all of them, are based on the Baby Bertha.) This kitbash has pretty relaxed rules.  You can add/change any parts necessary to recreate any of the original Goonybirds or any of the Goony Retro-Bash designs.  You can also come up with your own design in the Goony spirit.

### *(Alan Estenson)*

### MASA summer picnic (7/24/2007)

### MASA members gathered on Saturday, July 21, at the [Elk River & Rogers VFW post](file:///C:\Users\rocke\OneDrive\Desktop\MASA%20website\Old%20website%20from%20Alan\masa\elkriver.htm)  for the [10th annual MASA summer picnic](file:///C:\Users\rocke\OneDrive\Desktop\MASA%20website\Old%20website%20from%20Alan\masa\news\2007\2007-01.htm).  It was a warm and sunny day, but not beastly hot or incredibly windy like the past few years.  It was a pleasant afternoon to sit in the shade and talk, and not too bad for standing out in the sun and flying rockets, either.

### The site was the VFW soccer complex where occasional MASA launches are held.  The VFW kindly let us use their grill and picnic shelter again this year.  There was rocket flying, eating, and a bunch of socializing.  About 38 people attended the launch & picnic.

### Launchin!

### This was also an official MASA launch.  A misfire-alley range was set up on the soccer fields.  Launching began about 2:00 pm and ended at 5:00 pm.  About 66 flights took to the skies in those three hours.  The [launch report](file:///C:\Users\rocke\OneDrive\Desktop\MASA%20website\Old%20website%20from%20Alan\masa\lreports\2007\2007-06.htm) tells that side of the story.

### Lots of prizes!

### At about 7:00 pm, drawings were held for the free "door" prizes.  There were a HUGE number of prizes, and everybody who stayed for (and entered) the drawing went home with something (or several somethings).  Here's the rundown of who got the loot:

### Donated by Hub Hobby Center, Little Canada

### Heather Myers - Edmonds Stage 2 Thunder kit (special Goony prize)

### Jeff Taylor - BMS/Alway Zenit kit

### Heather Myers - ASP 18mm parachute duration kit

### Dwayne Shmel - BMS Gyroc clone kit

### Phillip Gibbens - BMS K10 Cobra clone kit

### Hannah Gibbens - Semroc Centurion kit

### Tim Barr - FlisKits D-Nelson Tomahawk kit

### Alyssa Taylor - Custom Ion Pulsar kit

### Carol Marple - Estes Sizzler kit

### Ben Ericksen - Pack of Estes B4-4 engines

### McKenna Taylor - Pack of Estes C6-5 engines

### Donated by Hub Hobby Center, Richfield

### David Whitaker - Estes Pop Fly kit

### Elizabeth Shmel - Sunward Star Watcher kit

### Justine Myers - Sunward Interplanetary Shuttle kit

### Ken Jarosch - Sunward Khufu's Pyramid kit

### Richard Shmel - Sunward Box Racer kit

### Mathias Gibbens - Sunward Lightning Fury kit

### Dwayne Shmel - Squirrel Works Space Ranger kit (special Goony prize)

### Dwayne Shmel - Starlight Asteroid Probe kit

### Jeff Taylor - Estes Gauchito kit

### Austin Whitaker - Estes Gauchito kit

### Ben Ericksen - Custom Redliner kit

### Alyssa Taylor - Custom Skybird kit

### Rick Vatsaas - FlisKits Triple Threat kit

### Heather Myers - FlisKits Freedom Forge kit

### Eric Myers - Quest Q-EZ glider kit

### Elizabeth Shmel - Pack of Estes B6-4 engines

### Hannah Gibbens - Pack of Estes B6-4 engines

### Richard Shmel - Pack of Estes D12-3 engines

### Andy Heren - Pack of Estes C6-3 engines

### Art Gibbens - LOC/Precision 36" parachute

### Donated by Jeff Taylor

### Renee Gibbens - FlisKits UFFO kit

### Donated by Ron Wirth

### Andy Heren - Thrustline V2 kit

### Donated by Glen Overby

### Art Gibbens - Quest launch controller

### Jim Myers - Pack of MicroMaxx rockets

### Donated by Mike, Amber, & Ethan Erpelding

### Eric Myers - NARCON T-shirt

### Cindy Whitaker - NARCON T-shirt

### Donated by Ken Jarosh

### Amy Whitaker - TLP Matra Super 530D kit

### Austin Whitaker - TLP Matra "Magic" R.550

### Susan Shmel - Estes Hi-Flier L1 kit

### Rick Vatsaas - Estes Sky Writer E2X kit

### Mathias Gibbens - Estes Sky Writer E2X kit

### Ted Cochran - Estes Sky Writer E2X kit

### John Carlson - Estes Shuttle Express E2X kit

### Alan Estenson - Estes Cosmic Cobra E2X kit

### Donated by Tyler, Ben, and Courtney Ericksen

### Ted Cochran - Estes Patriot kit

### Ken Jarosch - Semroc Sky Hook kit

### Jim Myers - Semroc Batrok kit

### A big "Thank You!" to:

### Everyone who participated!

### Everyone who donated door prizes!

### Grillmeisters Art and Andy

### Everybody who helped run the rocket range out in the hot sun (Buzz, Jeff, & Ted)

### *(Alan Estenson)*

### August Meeting Minutes (8/4/2007)

### The August 2007 MASA meeting was held on the 2nd at the Science Museum.

### 8 people attended the meeting.

### The summer picnic was a big success on July 21.  Attendance was in the high 30's, the weather was nice, and people had a good time.  Over 60 flights were tallied at the afternoon launch.

### The July 28 launch had beautiful weather and a good turnout of people.

### The next launch will be on August 25 at Nowthen.  The theme will be Science Fiction & Fantasy rockets.  We'll also have the annual UFO and Comanche-3 drag races.

### The next meeting will be on September 6.

### Meeting topics (and volunteers) are needed for the September, October, and November meetings!

### Show -n- Tell

### Alan Estenson brought along a Semroc Goliath and a Semroc Aerobee Hi.  Both recently completed and flown for the first time at the July 28 launch.

### Ken Jarosch brought a Quest Courier modified for 24mm motors.  He also brought "Khufu's Pyramid"; he won the kit at the picnic and just finished building it.

### Tim Barr showed an idea for using the end & cap of a pill bottle as a motor retainer.

### Video Rockets The topic of the meeting was "video rockets" led by Dwayne Shmel.

### Dwayne talked about how he started out with the Estes Oracle video rocket.  He showed a couple videos from his Oracle flights.  After that, he moved up to using the Boostervision live downlink video system, and he showed some of those videos.  Dwayne brought in the cameras and his handheld antenna/receiver/camcorder rig.  He talked about the types of cameras and other sources for them than just Boostervision.  He also talked about the various types of antennas that you can use to improve reception of the signal.  Dwayne had prepared handouts and cd-roms of rocket videos for the meeting attendees.

### [Download the PDF of Dwayne's handout.](file:///C:\Users\rocke\OneDrive\Desktop\MASA%20website\Old%20website%20from%20Alan\masa\tech\Video_Rocketry_handout-Dwayne_Shmel.pdf)

### Thanks Dwayne!

### Links

### <http://www.boostervision.com/boostervision/default.asp>

### <http://www.swann.com.au/region/usa/entry/us>

### MicroCam2 info:<http://www.swann.com.au/s/products/view/?product=347>

### Antenna source:<http://www.sharperconcepts.net/2.4_ghz_wireless_antennas.php>

### (Make sure you order a SMA-Male type connector. NOT reverse polarity.)

### <http://qdg.sorbs.net/qdgant.htm>

### Flat patch antennas:<http://www.highgainantennas.com/ProductDetails.asp?ProductCode=HG2414>

### SMA Cables:<http://www.dataaccessories.com/sma.html>

### Build your own patch antenna:<http://www.rc-cam.com/gp_patch.htm>

### *(Alan Estenson)*

### September Meeting Minutes (9/15/2007)

### The September 2007 MASA meeting was held on the 6th at the Science Museum.

### 10 people attended the meeting.

### The launch on August 25th had near-perfect weather and a great turn-out of MASA members, visitors, new members, and spectators.  A total of 148 flights took to the skies.  The theme was "multi-staging", and there were 17 multi-stage flights.  These included six entries in the annual Comanche-3 drag race.

### The next launch will be on September 22nd at Nowthen.  The theme will be Science Fiction & Fantasy rockets.

### The next meeting will be on October 4 at the Science Museum.  Meeting topics (and volunteers) are needed for the October and November meetings!

### The new September/October issue of the Planet is now available for download.  This is new editor Jeff Taylor's second issue.  Looks great, Jeff!  Thank you!  As always, Jeff welcomes your contributions for the Planet.  The deadline submission date for the next issue is October 25.

### Show -n- Tell

### David Whitaker brought along his clone of the classic goony rocket "Zoom Broom" that he kitbashed from a Baby Bertha.  Dave made his own decals for this rocket.  Dave also showed us his 29mm Skyripper hybrid motor system.  He used this system to fly his modified LOC Hi-Tech on an H78 hybrid motor at both the July and August MASA launches.

### Buzz McDermott brought a newly finished "Der Goony Max" kitbashed from a Baby Bertha and finished using the decal set from Excelsior.  He also showed us a Squirrel Works "Spacecruiser FFE" and a highly modified Sunward "Gravity Rider".

### Caleb Boe brought his very neat modular rocket.  This rocket project recently earned him a 4-H blue ribbon at the Minnesota State Fair.  Way to go, Caleb!

### Ted Cochran brought the lower portions of his Loc IV and Quantum Leap as examples of baffles and zipperless recovery methods.

### Michaels

### On the masarocketry mailing list back in August, there was a discussion about which Twin Cities area Michaels stores still stocked model rocket stuff.  At the end of the discussion, the list looked like this:

### Apple Valley - ?

### Blaine - YES

### Bloomington - YES

### Burnsville - ?

### Coon Rapids - YES (both stores)

### Crystal - YES

### Eagan - NO

### Eden Prairie - YES

### Maple Grove - NO

### Maplewood - YES

### Minnetonka - NO

### Oak Park Heights - ?

### Plymouth - NO

### Richfield - ?

### Roseville - ?

### St Paul - NO

### Woodbury - YES

### Shakopee - ?

### Thanks to everyone who attended the meeting!  See you next month.

### *(Alan Estenson)*

### October Meeting Minutes (10/6/2007)

### The October 2007 MASA meeting was held on the 4th at the Science Museum.

### 10 people attended the meeting.

### It's now official.  MASA will be hosting NARCON 2008 on March 14-16 in Rochester.  Put it on your calendars and plan to attend!  The web site will be [www.narcon2008.org](http://www.narcon2008.org)

### The launch on September 22 went well.  It was a nice day although the breeze kept the overall number of flights down a bit.

### The next launch will be on October 27 at the sod farm near Nowthen.  The themes are "Halloween" and "Missiles of October".  A Goblin drag race is planned. NOTE - A volunteer or volunteers are needed to serve as launch coordinators (bring equipment to the launch and take care of activating the waiver.)

### The next meeting will be on November 1.  We may change the location of the meeting because there is a hockey game at the Xcel that night.  Also, a topic is needed for this meeting.  2008 MASA officer nominations will open at this meeting.

### Jeff welcomes your contributions for the Planet newsletter.  The deadline submission date for the next issue is October 25.

### There are several Outreach opportunities coming up the end of this month.  Details have been posted to the mailing list.

### Rick Vatsaas gave a treasurers report.  There is currently $357 in the treasury (not counting some money from NARCON 2007).  There are currently 16 individual memberships, 20 family, and 4 junior.

### Show -n- Tell

### Rick Vatsaas brought his Custom "Ion Pulsar"

### Ken Jarosch brought his Estes "Executioner" that he is currently rebuilding with a baffle and zipperless recovery.

### Sputnik

### Through one of those wonderful coincidences, this meeting coincided with the 50th anniversary of the launching of Sputnik in 1957.

### To mark the occasion, Alan Estenson put together materials to build flying Sputnik rockets ("odd-rocs").  A number of those present at the meeting built Sputniks on the spot or took the parts home to build later.

### They were built from "Estes Industries Rocket Plan #15" for the "Sputnik-Too" (vintage 1964). <http://www.dars.org/jimz/eirp/eirp_15.tif>

### One change to the plan was to run the launch rod through the foam ball along the motor mount tube instead of gluing on an external launch lug.

### Look for some of these Sputniks to fly at upcoming launches!

### Thanks to everyone who attended the meeting!  See you next month.

### *(Alan Estenson)*

### November Meeting Minutes (11/2/2007)

### The November 2007 MASA meeting was held on the 1st at the Science Museum.

### 6 people attended the meeting.

### The November launch will be on the 17th.  This is one week earlier than normal (3rd Saturday).  The location will be determined soon (either the Elk River VFW or the Nowthen sod farm).

### We are looking for a location/host for the annual club holiday party.

### Be sure to put NARCON 2008 on your calendar - March 14-16 in Rochester.  [www.narcon2008.org](http://www.narcon2008.org)

### The newest issue of the Planet is now available for [download](file:///C:\Users\rocke\OneDrive\Desktop\MASA%20website\Old%20website%20from%20Alan\masa\planetonline.htm).  Jeff welcomes your contributions for future issues.

### 2008 MASA Officers

### Nominations are now open for 2008 club officers.  Officers must be current MASA members and must be senior members of the NAR.  A description of officer duties may be found [here](file:///C:\Users\rocke\OneDrive\Desktop\MASA%20website\Old%20website%20from%20Alan\masa\officerjobs.htm).  Nominations will remain open until the end of November.  Nominees will then have until the time of the club holiday party to either decline the nomination, or accept the nomination and become a candidate.  If there is more than one candidate for each office, then a vote will be held at the January club meeting.

### You may nominate anyone, including yourself, by posting a message to the masarocketry email list.  The club officers are:  President, Vice President, and Secretary/Treasurer.

### Officer Nominations (last updated 11-13-2007)

### President

### Ted Cochran (declined)

### Alan Estenson (?)

### Vice President

### Alan Estenson (?)

### Carol Marple (?)

### Secretary/Treasurer

### Buzz McDermott (declined)

### Rick Vatsaas [incumbent] (?)

### Show -n- Tell

### Tim Barr brought his test rig for a non-pyro ejection system.  It uses springs and a sliding coupler to separate the rocket.

### Caleb Boe also brought a test rig for a non-pyro ejection system.  It uses a small pvc compressed-air reservoir with a solenoid valve release.

### Ken Jarosch brought his LOC IV that he has stretched and modified with modular construction, zipperless recovery, and an ejection baffle.

### *(Alan Estenson)*

### December 2007 Holiday Party (12/8/2007)

### On Saturday evening, December 8, about 25 MASA-ites gathered at the residence of Buzz & Kathy McDermott in Blaine for the annual club holiday party.

### The annual MASA gift exchange game was once again a fun time with about 20 people participating.  A toolbox and a kit for a large crayon rocket were among the "hot" items that traded hands many times.

### 2007 MASSY Awards

### Mike Erpelding gave out multiple recognition awards for NARCON volunteers, TARC mentors, and other noteworthies.

### Alan Estenson gave out three Prang awards for the year:

### Lesser Prang Award:  Mark Thell, for CHAD-Staging in the Face of Common Sense, for the flight of his "Flying Martini Glass of Death" on July 28.

### Lesser Prang Award:  Jim Myers, for Lawn-Darting Two Flying Lumberyards with only a Single Launch, for the flight of his Stage II Thunder on April 28.

### Greater Prang Award:  David Whitaker, for Unstable Flight and Rocket Disintegration in the Realm of Multi-Staging, for the flight of his CC Express on October 27.  In honor of this recognition, Dave received the traveling Prang Trophy (a copy of the William Shatner Estes video and the rocket sand pail set) to hold for 2008.  In a startling development, Dave protested that not only didn't he remember this flight, but he has never had a CC Express rocket!  Were the flight cards in error?  Does some mystery rocketeer actually deserve this award, or is Dave pulling our collective legs?  Stay tuned...

### Drawings were held for free door prizes.  The winners were:

### (The following prizes were donated by Hub Hobby Center of Little Canada.)

### Don Boe - Estes Cosmic Cobra kit

### Michelle Heren - Estes Paveway kit

### David Whitaker - Semroc Space Plane kit

### Aimee Whitaker - Estes Super Neon kit

### Philip Gibbens - Semroc Laser X kit

### Richard Shmel - Estes Der Red Max kit

### (The following prizes were donated by MASA.)

### Renee Gibbens - Estes Yankee kit

### Daniel Boe - 14" LOC parachute

### Cindy Whitaker - Modern High Power Rocketry book

### A HUGE thanks to Buzz & Kathy for hosting the party again this year!  A BIG thanks to Hub Hobby Center for donating prizes!  An enormous thanks to everyone who attended!

### *(Alan Estenson)*