**2004 Meeting Reports**

**January 2004 Meeting Minutes (1/9/2004)**

The January 2004 MASA meeting was held on the 8th at the Science Museum.

**Upcoming events:**

* The next meeting is scheduled for February 5th.  The topic will be a kitbash building session led by Alan Estenson.  Details and cost will be sent out via email.
* The next launch is scheduled for January 24th at White Bear Lake.

**Stuff:**

* Again this year, MASA will have a rocket display at the state Lego robotics tournament on Jan 24.  Volunteers will be needed to run the display.  Yes, we know that this is on the same day as the launch.  An email has been sent out with the details.  Please let us know if you can help out.
* NARCON is being held in March in Wisconsin.
* A lively brainstorming session was held to think up meeting topics for the year.

**2004 Officer Elections:**

No nominations were received for the position of club president.
Lee Frisvold will be continuing as club Secretary / Treasurer.
Mike Erpelding had consented to continue as Vice President.  However, with the lack of candidates for President, Mike has agreed to step up and fill that role instead.  The club will be looking for someone to succeed Mike as Vice President.

**Show'n Off:**

* Glen Overby brought a couple homemade foam nose cones.
* Stuart Lenz had a newly constructed Shrox kit and his own MicroMaxx sized downscale of it.

*(Alan Estenson)*

**February 2004 Meeting Minutes (2/7/2004)**

The February 2004 MASA meeting was held on the 5th at the Science Museum.

**Upcoming events:**

* The next meeting is scheduled for March 4th.  The topic will be "odd-rocs" led by Stuart Lenz.  This meeting will not be held at the Science Museum due to numerous March events in that area.  Exact location will be announced soon.
* The next launch is scheduled for February 28th.  The location will be announced soon.

**Stuff:**

* New MASA "Open Contest" competition.  Check it out on the [website](file:///C%3A%5CUsers%5Crocke%5COneDrive%5CDesktop%5CMASA%20website%5COld%20website%20from%20Alan%5Cmasa%5Copencontest.htm).
* March launch might be held in Apple Valley.
* Mike E. discussed getting a waiver this year for the launches in Buffalo.
* The idea of launching from a frozen lake was discussed.
* A new issue of the MASA Planet was mailed out to everybody.
* Ted Cochran discussed this year's [Rocket League](http://www.hightechkids.org/IRL2004/index.htm) competition.
* Ted has also accepted the club V.P. position for this year.  Mike will continue with much of the equipment-hauling, though.
* The MASA 2004 badge design was discussed.

**Show'n Off:**

* Stuart Lenz brought a paper rocket made from free plans on the FlisKits web site.
* David Whitaker brought his newly constructed Yank Enterprises Black Brant X.
* Mike Erpelding brought a FlisKits Deuce's Wild.
* Alan Estenson brought a Big Bertha and two rockets that had been kitbashed from Big Bertha kits.

**Kit Bash'n**

Alan Estenson talked about the idea of kit bashing and showed a couple examples.

Those present at the meeting were able to purchase an Estes Renegade rocket kit at a reduced price. Their goal now is to build a rocket from parts in the kit, but NOT the rocket that is supposed to be built from the kit! (creativity required!)  Some participants started building at the meeting.
They have one month to complete their rocket. Everyone is then encouraged to bring their finished rocket to the March meeting and show it off. We'll have a judging session at that meeting to select a "best of show - kitbash" with a prize for the winner.
All of the competitors will be encouraged to fly their creations at the March launch.
Anyone who bought a kit but doesn't produce a kitbash creation from it will be heckled mercilessly.

The Kit
The new Estes Renegade (2109) has been selected as the kitbash donor kit. This is a 2-stage kit, but participants may create whatever they like out of it. (subject to the Safety Code and common sense)

Additions (not provided)
In addition to what is in the kit, you may add the following at your discretion
-balsa sheet stock, total amount no more than 4" x 12", thickness no greater than 1/8"
-bt5 body tube, total length less than 9"
-motor retention hooks (max two)
-internal clay or other weight as necessary to ensure stability in flight
-glue & wood filler as needed, paint as desired, homemade decals
(no premade or commercial decals other than what comes with the kit)

Allowable substitutions
The kit comes with a 1/8" launch lug. You may substitute a larger diameter.
You may substitute a different shock cord for the stock kit cord.
You may substitute a different parachute for the stock kit parachute.

Twelve people began their participation at the meeting by purchasing a Renegade kit.  Mark Thell, Ellison Lenz, Stuart Lenz, Seth Cochran, Ted Cochran, David Whitaker, Ed Eastman, Mike Erpelding, Brett McDowell, Tom Lawell, Travis Lawell, and Andy Heren.

Looking forward to seeing some unique creations!

*(Alan Estenson)*

**March 2004 Meeting Minutes (3/5/2004)**

The March 2004 MASA meeting was held on the 4th. Due to scheduling concerns, the meeting was held in the lunchroom at Aero Systems Engineering in Plymouth.  9 people were in attendance.

**Upcoming events:**

* The next meeting is scheduled for April 1st.  The activity will be a Junkyard Rockets building session organized by Ellison Lenz.
* The next launch is scheduled for March 27.  Plans are to hold this launch at Apple Valley High School.  TARC teams will be encouraged to attend and attempt their qualification flights.  Stuart Lenz will be running a fun Odd-Roc contest, and everyone who built Renegade kit-bash rockets are encourage to fly them!

**Stuff:**

* The MASA Section Renewal has been sent in to NAR HQ.
* Club had a great February launch with 79 flights!
* NARCON 2004 is March 13-15 near Milwaukee.  Several MASA members will be attending (and at least one will be speaking!)
* MASA will be holding an official, sanctioned, Section Contest at the June launch.  Potential contest events were discussed.  As soon as the selections are confirmed, details will be announced on the web site.
* There is an Outreach Opportunity for a rocket presentation at the College of St. Scholastica's Upward Bound Math Science Program in Duluth.

**Kitbash Renegades:**

* Twelve people began their participation in the Renegade kitbash at the February meeting by purchasing a Renegade kit.  Mark Thell, Ellison Lenz, Stuart Lenz, Seth Cochran, Ted Cochran, David Whitaker, Ed Eastman, Mike Erpelding, Brett McDowell, Tom Lawell, Travis Lawell, and Andy Heren.
* Five out of those twelve were present at the March meeting with their kitbash creations:
	+ Ted Cochran - "Enraged" with a sporty black paint job.  Potential 7 motor cluster! (3-18 & 4-13)
	+ David Whitaker - a space cruiser looking thingy inspired by the old Estes Interceptor
	+ Ellison Lenz - an unstable-looking creation sporting fins darn near everywhere
	+ Stuart Lenz - "Negade" - a sharp yellow & blue job with forward swept fins
	+ Andy Herron - a design with forward swept fins and side pods
* Mike Erpelding gets a nod for at least having a design on paper.  He just didn't have time to build it (some lame excuse about working 14 hour days.)
* By random chance, Andy Herron won a desk clock/calculator/calendar.  Ellison Lenz won a ruler.
* <raspberry> Everybody who didn't show up with a kitbashed Renegade now gets heckled mercilessly! </raspberry>
* Thanks to everybody who participated!  Remember, you're encourage to fly these rockets at the March launch.



**Show'n Off:**

* David Whitaker brought along his freshly-completed LOC I-roc.
* Ted Cochran brought along an upscale Tumbleweed and his Tower Ring Infernal.
* Stuart Lenz brought along a wacky, wacky scratchbuilt odd-roc. Stuart also brought a truly staggering number of scratchbuilt Micro Maxx rockets.
* Ellison Lenz had a "kitbash" sorta-scale creation "Saturn III"
* Alan Estenson brought along a couple odd-rocs:  the Monolith, a Birdie, flying pyramid, etc.

**Odd Rocs**

Stuart Lenz talked about just what defines an "odd-roc".  He passed around a number of examples.  A fun contest event involving odd-rocs was planned for the March launch.





*(Alan Estenson)*

**April 2004 Meeting Minutes (4/2/2004)**

The April 2004 MASA meeting was held on the 1st at the Science Museum.  A total of 10 people were present.

**Upcoming events:**

* An informal launch will be held this Saturday at Apple Valley High School starting at noon.  This is a TARC qualification flight opportunity.  MASA members are welcome to come and fly, help, or just watch.
* The next meeting is scheduled for May 6th.  The topic will be RSO/LCO training led by Russ Durkee & Mark Thell..
* The next launch is scheduled for April 24th.  The location will be announced soon.

**Stuff:**

* Biggest Planet Ever!  New issue now available with tons of NARCON coverage.
* From those who attended, "NARCON was great!"
* Ted Cochran and Mike Erpelding gave quick updates on the progress of the TARC teams that they are mentoring.
* Ted Cochran announced that he will be running for the NAR Board of Trustees!

**Show'n Off:**

* David Gensler brought along several rockets: a FlisKits "Long Overdue", a Sunward "Maverick", and his kitbashed Renegade creation (looks like one of those wacky Russion "ekranoplanes" wing-in-ground-effect thingies.)
* Ed Eastman brought his kitbashed Renegade creation, dubbed "Thunderbird 7".  Ed also had a FlisKits "Cheetah" 2-stager
* Mike Erpelding also brought his kitbashed Renegade rocket.  It sports a center cluster of 2 18mm motors with potential for two outboard 24mm motors.
* Stuart Lenz brought the "Pokemon #3" with eyebrow-raising axially-offset ring fin, and a teeny-tiny MicroMaxx powered Hawk.

**Junkyard Rockets**

For the severalth year in a row, Ellison Lenz organized a Junkyard Rockets building session.  The launch competition will be at the April launch.

Three teams built some very ... unusual ... creations.  This year, the major requirement was that the rocket must fly on a 29mm single-use F motor!

Wear your hard hats to the April launch!

*(Alan Estenson)*

**May 2004 Meeting Minutes (5/9/2004)**

The May 2004 MASA meeting was held on the 6th at the Science Museum.

The meeting started promptly at 7 pm to allow plenty of time for RSO/LCO training.

It was decided to hold the May MASA launch on our regular date of May 22. Lee Frisvold volunteered to be in charge of the launch. I will drop off a limited amount of equipment at Lee's house before I leave for the TARC finals. The launch will be run as mis-fire alley style. Members are encouraged to bring their own launcher and pad.  The Tour de Deuce will proceed at the launch as planned. The plan is to hold the launch at the VFW soccer field in Elk River. I will call to make sure that it's okay for that date.

There will be a contest building session at the June MASA meeting presented by Mike Erpelding. The goal is to get some entries ready for the NAR sanctioned Section Contest featured at the June launch.  Events for the June contest are A BG, B PD, & A SD.

Numerous requests for volunteers for ongoing outreach opportunities was made

* National Girl Scout Jamboree- Friday, July 16 9 am to 4 pm building session & Saturday July 17 2 to 4 pm launch with MASA demo launches between Scout groups.  It was pointed out that this huge event also happens to fall on the same Saturday as the MASA picnic. The members present felt that the picnic could be moved back to the regular launch day of July 24th.
* The Bakken Science Saturday- May 22 and May 29 still no volunteers
* Minnetonka Cub Scout pack demo on Tuesday, May 11
* 6th Annual Westwood rocket building session- Friday, May14 (130 pm) & launch on Thursday, May 27 starting at 130 pm
* Rocket league
* Boy Scouts of America Day Camp

An update on the NAR/TRA litigation with the BATFE was given. The US District Court Judge Reggie Walton ordered that single use motors are exempt as PADS ( propellant actuated devices) under the BATFE's 1994 exemption. Until the BATFE makes a formal NPRM to change this, the 1994 exemption stands.

A plug to participate in the MASA Open Contests was made.

Two upcoming NAR events were mentioned

1 4 Al regional in WI on the weekend of June 5&6

NSL in Texas May 29-31

A request was made to encourage members to find potential model rocket sites around the Metro to hold informal launches this summer.  The masarockety yahoo group will be used to inform the membership when and where these launches will take place.

It was suggested to have a Tornado drag race as a fun event at one of our MASA launches. Lee Frisvold sold several of them to members last year and still has some left if anyone is interested.

The Aerotech G35W recall for batch #'s 011213, 002693, & 001914 was mentioned.

A discussion of doing something special for July's National Rocketry Month commemorating the 35th anniversary of the Apollo 11 moon landing was made. The idea of having a make it/ fly it/ take it home rocket building session, which would be open to the public, was very popular. Final details will be discussed later.

Mark Thell and Russ Durkee gave an execellent presentation on how to be an RSO or LCO at a MASA launch. There were several rockets with minor and major problems presented for practice. They varied from cracked fins and missing recovery systems, to a " trick question" rocket with the only thing being wrong with the rocket was Ellison Lenz ( The flyer being under 18 years old and the rocket containing 2 G motors.) <grin>

The meeting ended at 843pm.

*(Mike Erpelding)*

 **June 2004 Meeting Minutes (6/4/2004)**

The June 2004 MASA meeting was held on the 3rd at the Science Museum.  A total of 8 people were present.

**Upcoming events:**

* There is no regular meeting in July.
* The next launch is scheduled for June 26th at Elk River.  MASA's first official section contest will be held at this launch!  See details below and in upcoming emails.

**Stuff:**

* The May launch was cancelled due to poor weather.
* The July picnic was discussed.  Scheduling, date, other issues.  Most of it will be worked out soon and announced on the web site and via email.  It looks like there will be a combined picnic and launch on Saturday, July 24.

**Show'n Off:**

* Stuart Lenz brought his newly finished NCR Big Brute.
* Lee Frisvold showed off a Thrustline Gyroc
* David Gensler had a whole flock of rockets: a LOC Aura and lil' Nuke, Edmonds Geminee and Deltie and Ecee, and a PML Tiny Pterodactyl.

**Competition**

MASA's first official section contest will be held at the June 26th launch.  All MASA members are encouraged to compete!  The events are:

* A BG (boost glide)
* A SD (streamer duration)
* B PD (parachute duration)

Prez Mike Erpelding passed along some advice on types of rockets, recovery devices, etc.

A BG:  an easy-to-build and nice flying entry would be an Edmonds Deltie.  Other kit options are available.

A SD:  various competition kits are available from companies such as ASP, QCR, and Fliskits.  Or you can scratchbuild something simple.  Or you can compete with something like an Estes Yankee or Wizard!  Tracing paper streamers work the best, but are fragile.  Mylar streamers work well and are tougher, but are also heavier.

B PD: again, competition kits are available.  You could compete using the same rocket as in A SD, just switch it from streamer to parachute.  Use the lightest, largest parachute that you can get into the rocket without packing it so tight that it can't deploy!  Lightweight plastic or mylar chutes work well.

Remember, everyone is encouraged to enter the contest and compete!  You don't need a bunch of fancy, purpose-built rockets.  You could enter all 3 events with just a Deltie and an Alpha!  (You may not win, but you'll have fun!)

*(Alan Estenson)*

**MASA summer picnic (7/30/2004)**

**An evening's fun...**

MASA members gathered on Saturday, July 24, at the [Elk River & Rogers VFW post](file:///C%3A%5CUsers%5Crocke%5COneDrive%5CDesktop%5CMASA%20website%5COld%20website%20from%20Alan%5Cmasa%5Celkriver.htm)  for the [7th annual MASA summer picnic](file:///C%3A%5CUsers%5Crocke%5COneDrive%5CDesktop%5CMASA%20website%5COld%20website%20from%20Alan%5Cmasa%5Cnews%5C2004%5C2004-01.htm).  It was a downright gorgeous day with blue skies, warm temperatures (but not beastly hot) and a light breeze out of the west.

The site was the VFW soccer complex where occasional MASA launches are held.  The VFW kindly let us use their grill, tables and chairs, and picnic shelter.  There was rocket flying, eating, and a bunch of socializing.

**Launchin!**

This was also the primary MASA July launch.  A misfire-alley range was set up on the soccer fields.  Launching began about 11:00 am and ended about 4:30 pm.  There were a large number of flights taking advantage of the nice day.

Read the [Launch report](file:///C%3A%5CUsers%5Crocke%5COneDrive%5CDesktop%5CMASA%20website%5COld%20website%20from%20Alan%5Cmasa%5Clreports%5C2004%5C2004-07.htm) for that side of this story.

**Lots of prizes!**

Just before 7pm, drawings were held for the free "door" prizes.  Here's the rundown of who got the loot:

* Deb Thell - "The Launch Pad" Matra Super 530D kit [donated by Hub Hobby Center, Little Canada]
* Ted Cochran - Estes Super Nova Payloader kit [donated by HHC]
* Brett McDowell - Quest Nike-K quick kit [donated by HHC]
* Lee Frisvold - Quest Seeker quick kit [donated by HHC]
* Liam Curry - Quest Aurora kit [donated by HHC]
* Eli Curry - Estes Menace kit [donated by HHC]
* Seth Cochran - Estes Polaris kit [donated by HHC]
* Irene Gensler - Estes Mach 12 kit [donated by HHC]
* Damian Kostron - Custom Ion Pulsar kit [donated by HHC]
* Gib Curry - Quest Flatcat kit [donated by Mark Thell]
* Susan Fergus - Quest Nike Smoke kit [donated by MASA]
* Cheryl Kane - ASP D-Region Tomahawk kit [donated by MASA]
* Mark Thell - Estes Prowler kit [donated by Ted Cochran]
* Lee Grimm - Estes Banshee kit [donated by MASA]
* Mike Erpelding - Estes Banshee kit [donated by MASA]
* Dave Fergus - KosRox Streadur kit [donated by MASA]

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

* Everyone who participated!
* Everyone who donated door prizes!
* Mike Erpelding for organizing the picnic, hauling a ton of gear, and driving back and forth across half the state
* Lee Frisvold for serving as grillmeister
* Everybody who helped run the rocket range

*(Alan Estenson)*

**September 2004 Meeting Minutes (9/9/2004)**

The September 2004 MASA meeting was held on the 2nd. Due to scheduling concerns, the meeting was held at Aero Systems Engineering in Plymouth.  17 people were in attendance.

**Upcoming events:**

* The next meeting is scheduled for October 7th at the Science Museum.
* The next launch is scheduled for September 25th at Elk River VFW.  The theme will be "Clusters!"

**Stuff:**

* After some discussion, those present decided to do something "different" in place of the normal MASA meeting in October.  Russ Durkee has presented MASA with an outreach opportunity at the Science Museum that coincides with the date of our October meeting.  That night, the Museum will debut the new 3D theater presentation "Mars 3D".  There will be speakers and displays from several groups.  MASA will have one or more tables in the Education Commons area.  We will be looking for volunteers to bring rockets & stuff to display, talk to people, hand out fliers, etc.  If you're interested, please let us know!  This is a great way for MASA to give back to the Museum a bit after using their free meeting space for all these years.  More details will be forthcoming on the web site and mailing list.
* Outreach Opportunity:  There is a Girl Scout's Fall Encampment at Camp Lakamaga on Saturday November 13.  125 Girl Scouts will be building rockets in the morning and then flying them in the afternoon.  Volunteers will be needed!  If interested, please contact Mike or send email to the general MASA address.
* TARC for 2005 was discussed.  It will be a duration challenge instead of altitude.  The contest will be more open; groups will no longer have to be from a school.  Details will be released soon.  Please consider helping mentor a TARC team!
* A MASA Section Contest will be held at the November launch.  Events have yet to be determined.
* Mike and crew discussed the continuing need to look for new launch sites.

**Clusters:**

* The topic for the evening was rockets that are powered by clusters of motors.  Attendees brought a ton of examples, and there was much discussion.
* Dave Whitaker brought a Renegade kitbash (up to 3 motors), Astron Kobra (3), and Mini Katana (7)
* Dave Gensler brought a TLP Exocet (2), LOC Starburst (2), and TLP Perseus (2)
* Ken Jarosch brought an old Estes Pro Series Patriot (4) and Impulse (2)
* Paul Jarosch brought a Kobra (3), modified Gemini DC (3), and modified Big Daddy (3)
* Ted Cochran brought a Ranger (3), Renegade kitbash(7), Ted's Testbed (5), and modified Big Daddy (5)
* Tom Lawell brought a LOC Viper III (3).  It had blinking LEDs built into the nose cone for night flying.
* Alan Estenson brought a LOC Starburst (2), LOC Viper IV (4), and the Big Bad Voodoo Daddy (5)
* Ellison Lenz brought a scratchbuilt Saturn III (3)
* Stuart Lenz brought about 147 cluster powered rockets [Well, there were many, anyway.] including his cluster-powered DesCon entry.  Stuart also had a bunch of new MicroMaxx powered kits.

*(Alan Estenson)*

**October "Meeting" (10/7/2004)**

Instead of a normal monthly club meeting, on our regular meeting night of October 7, MASA displayed its "stuff" during a special event at the Science Museum.  A number of MASA members helped out by bringing rockets and rocketry items for display, handing out fliers, and answering questions.  A few rockets took to the air for a night demonstration launch (described below).

Thanks to everyone for doing such a great job at tonight's event at the Science Museum. We had a great turnout. There were a LOT of rockets there and we really impressed the crowd with our night launch.

We set up down by Iggy the Iguana in an open grassy area next to the museum.

Early in the evening Ted, Mark, and I did a few test flights...the Glitter Bomb on a 1/2A and then an A8-3. Even in the dark, these flights were completely reasonable. Once the movie was over a crowd of about 50 or so gathered at the launch site. We had a few 1/2 A flights in an Alpha , and Brenda's Glitter Bomb flew on an A8-3. The pom poms did not deploy completely but garnered the closest to pad award. My Serval then had a nice flight on a B4-4 with streamer recovery..and a good recovery thanks to Seth Cochran. After several attempts Ellison got his micro-max UFO off the ground with cheers from the crowd.

The VP of Marketing and Sales told me we "made the evening" with our enthusiasm and launch. She also said we would be asked to do a building session and launch sometime in the future.

What fun.

Congratulations MASA!

Russ Durkee

**November 2004 Meeting Minutes (11/14/2004)**

The November 2004 MASA meeting was held on the 4th at the Science Museum. 13 people were in attendance.

**Upcoming events:**

* MASA's annual holiday party!  Russ Durkee has volunteered to host this year's party at his residence.  (This'll teach Brenda to leave him alone while she traipses off to Antarctica! <grin>)  The date and time will be set soon.
* The next launch is scheduled for November 20at the Rockford/Buffalo launch site.  There is a possibility that this could be MASA's first-ever "waivered" launch, but that is still pending ATC approval.  If the waiver is not approved, this will be a "notification" launch with the usual 3.3 lb weight limit.

**Stuff:**

* The idea of having rain dates for our regular launch dates was further discussed.  The October launch was held on a "rain date"; there were 47 flights.
* MN TARC participation:  There are 3 teams registered in MN so far - Apple Valley High School, Hope Christian Academy, and Kimball Area High School.  Another 4 teams are known to have expressed an interest - River Falls High School (across the border in WI), a 4-H club in Stearns County, a school in Burnsville, and Jordan Park school in Minneapolis.
* Four "Thank You" cards for the launch site owners were available at the last launch and the meeting for members to sign. They will also be at the November launch for others to sign them as well.  The topic of appropriate thank you / holiday gifts for the landowners was discussed.
* Next the subject of the dollar value of our regular gift exchange at the holiday party was discussed. It was decided that it will be $10 like last year or an item ( or components) that you have on hand, thus not necessarily incurring any out of pocket expense to the donator.
* Outstanding club expenses were discussed.
* 2004 Prang Award nominations are needed!  How can Mike make fun of us at the party if he doesn't have nominations to pick from?
* The possibility of having winter launches at the new Nowthen site was discussed.

**Nomination of club officers for 2005:**

The floor was opened for nominations of club officers for 2005.

Current nominations are:

**President**- Mike Erpelding

**Vice President**- Stuart Lenz

**Secretary/ Treasurer**- David Whitaker

Nominations for club office will be open until 1159 PM November 30, 2004. Nominees will have until 1159PM December 15, 2004 to accept or decline their nomination. Please use the masarocketry Yahoo group to nominate someone and to accept or decline your nomination.  Current nominees accepted their nominations at the meeting. Please no backing out now guys!  The election will be held at the January 6, 2005 MASA meeting.

**Attic Treasures:**

* Russ Durkee led a discussion of "Attic Treasures" - rocketry kits & "stuff" from times long ago...
* Russ brought along a number of classic, vintage, unbuilt, still in the packaging, rocket kits.  (and there was much drooling).  This included Centuri items such as the Centuri launch pad, Screaming Eagle rocket, UFO, Satellite Killer, C5 engines, Hercules II, Moonraker, and the Evel Knievel Sky Cycle starter set!
* Mike Erpelding brought along an unbuilt MPC Martial Patrol kit.
* Alan Estenson shared a number of old Estes catalogs from the late 60's, early 70's, and 80's.

**Show -n- Tell**

* Ellison Lenz brought his Starship Excalibur clone.
* David Whitaker had a nice Quest X-30 and a PML Pterodactyl Jr.
* Mark Thell brought a "Carl-Scale" Wac Corporal with Tiny Tim booster.

*(Mike Erpelding & Alan Estenson)*

### December 2004 Holiday Party (12/11/2004)

On Saturday evening, December 11, about 20 MASA-ites gathered at the Durkee residence in Minneapolis for the annual club holiday party.  Space videos played on the TV set, delicious snacks disappeared, rocket talk filled the air  [and space talk, and sci-fi talk, and even D&D talk?]  Several party-goers received guided tours of the Durkee backyard [Shed of Science](http://www.home.earthlink.net/~shedofscience/index.html) [and it was very cool.]  The annual MASA gift exchange game was once again good for some fun with a TLP Matra kit and a Pratt MicroBeacon being the hotly contested items.

### 2004 MASSY Awards

MASA President Mike Erpelding presented the 2004 MASSY Awards.

* **Appreciation Award for hosting MASA Holiday Party:  Russ Durkee** - presented with a certificate and phone calling card (Antarctica is long distance)
* **Family Participation Awards for most flights/ launches attended**:
	+ 2nd place:  **The Lenz Family**- 95 flights/ 6 launches
	+ 1st place:  **The Jarosch Family**- 128 flights/ 10 of 11 club launches - presented with a certificate & 6- A8-3's w/ igniters
* **Certificate of Merit- Aid in finding a new launch site for the club:  Tim Bush**- presented with a certificate & Estes Yankee kit
* **Certificates of Creativity:**
	+ **Invention of the MASA Open Contests:  Ken Jarosch**- certificate & ASP Eggstravaganza kit
	+ **Hindrocket creation:  Rick Vatsaas**- certificate & blue crayon bank
* **Certificate of Achievement- For mentoring two TARC Teams that made it to the finals both years:  Art Gibbens**- ASP Theta rocket kit & a pack of D12-0's
* **Certificates of Service**:
	+ **Lee Frisvold**- for making life as club president a WHOLE LOT EASIER!  Running 2 1/2 launches, including setting up and hauling the gear - certificate & Hub Gift Certificate
	+ **Ted Cochran**- For all the services done for MASA in the areas of club officer, newsletter editor, top outreach project leader. Also serving the NAR and the entire hobby as a whole for making the sacrifice to become an NAR Board Trustee - certificate ( with a scan of his Quantum Leap from Sport Rocketry/ MASA Planet) & EMRR calendar & Hub gift certificate
* **Prang Award:  Jim Myers for the crash of his Deuces Wild Camera Rocket** - certificate, NAR Pranger jacket patch, Traveling Estes William Shatner video, and a duplicate Deuces Wild kit.

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

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

* Russ Durkee - B6-4's
* Philip Gibbens - B6-4's
* Don Boe - Estes Gauchito kit
* Art Gibbens - Estes Lucky Seven kit
* Deb Thell - ASP D-Region Tomhawk kit
* Andy Heron - ASP Kappa 9M kit
* Ed Eastman - ASP Wac Corporal with Tiny Tim booster kit
* Seth Cochran - ASP Hangtime 24mm competition kit
* Ted Cochran - Apogee SR-72 Darkbird kit
* Caleb Boe - BMS School Rocket kit

**(The following prizes were donated by Damian Kostron.)**

* Renee Gibbens - Estes R2D2 rtf rocket
* Ellison Lenz - Estes Zinger kit
* Brett McDowell - Estes Athena kit

To make sure that everybody left at the end of the evening with a prize, Estes "Ignite the Imagination" posters were presented to Mark Thell, David Whitaker, Hannah Gibbens, and Mike Erpelding.

A BIG thanks to Hub Hobby Center (Little Canada) and Damian Kostron for donating prizes!  A HUGE thanks to Russ Durkee  for hosting the party this year!  An enormous thanks to everyone who attended!

Extra thanks to club officers Mike Erpelding, Ted Cochran & Lee Frisvold for a great year!

 *(Alan Estenson)*