

# Kinko's Makes



Valwood Branch at: 13940 N. Stemmons Freeway, Suite A, Farmers Branch, TX 75234  
Telephone (972) 406-1116, Fax (972) 406-9998, www.kinkos.com

## Dallas Area Rocket Society ("DARS")

James Gartrell  
1006 Canton Rd.  
Cleburne, TX 76033



Permission to reprint articles is given as long as proper credit is given to author and DARS.

WWW.DARS.ORG

# SHROUDLINES

A Dallas Area Rocket Society Production

# SHROUDLINES

A Newsletter of the Dallas Area Rocket Society



DARS  
NAR Section #308  
Mar/Apr  
2006

Volume 15, Issue 2

Dallas Area Rocket Society ("DARS")

NSL 2006  
By James Gartrell



Member - National Association of Rocketry ("NAR").

### Special points of interest:

- In celebration of the "Classic" Model Rocket Display and Launch, one of the events in the upcoming NSL 2006, this entire issue is devoted to "classic" rocketry.
- Bill Gee tests your puzzle completion skills with a "fill-in" puzzle for names of old rockets. See page 2.
- Stuart Powley has another quiz to remind some of us of how old we really are, and provide some insight into the mind of the "crusty rocketeer." ;-) See page 3.
- A blast from the past! An old article by John Dyer, from 1988! See page 5.

### Inside this issue:

Classic Rocket Puzzle	2
The Crusty Rocketeer	3
Slowly From a Coreburner	5
DARS Events	6
Did You Know?	7
Membership Application	7

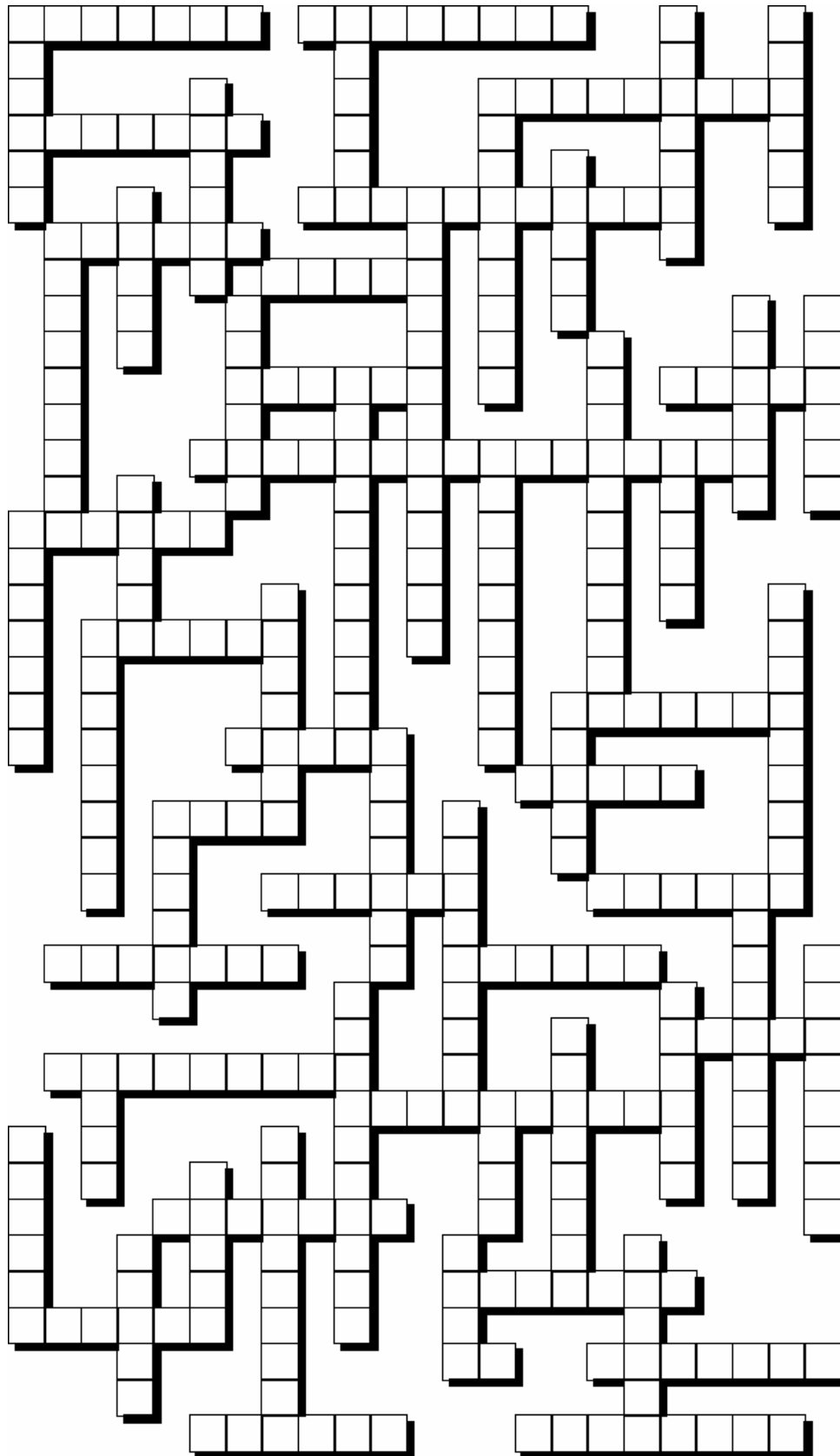


John Dyer of Red River Rocketry and Don Magness of Squirrel-Works Model Rocketry (left to right) stand behind 100 DARS' Gargas Paradox commemorative kits they produced for NSL 2006. The kit was designed by Bill Gee, and it is truly awesome. Photo by James Gartrell.

Make sure you mark your calendar for May 27-28 to attend the NSL 2006 event. There is lots planned for the launch. One of my favorites is the Iron Rocketeer event hosted by Squirrel-Works for those under 12. They get a free rocket to build on the field and take home with them. Also, Sirius Rocketry is hosting the Cochran Challenge and has donated one of their awesome U.S.S. Atlantis kits for the 1st place winner of that event. If you haven't checked out their kit, you should. Don Magness brought the kit to the last club meeting, and it is a thing of beauty. Yes, Don, I'm talking about the kit. ;-) Also, Gary Briggs and Doug Sams are setting up for the Classic Rocket contest again. This is a really neat opportunity to display, and even fly, one of your old rockets and impress the rocket newbies. This should be a fantastic event with classic rockets from folks all around the country, so dust

off those old rockets and show them off! For the high power fliers there's a Dr. Pepper lofting contest. Winner of this drag race receives a case of Dublin Dr. Pepper. Woohoo! Of course, you'll also want to get one of the specially designed (by Terri Magness-yep, the same artist that produces all that great kit art for Squirrel-Works) t-shirts and attend the Saturday night buffet and swap stories about that 11,000 foot flight that matched the waiver. ;-) Needless to say, NSL 2006 should be a whole lot of fun. Visit the website for all the details and DON'T MISS IT! [www.nsl2006.org/](http://www.nsl2006.org/) Oh, and you'd better get to the website quickly. There were only 100 kits produced of the NSL 2006 commemorative rocket, the Gargas Paradox, and last I heard, there were less than half left. Once they're gone, you won't be able to get one until they start showing up on eBay!

Classic Rocket Puzzle  
By Bill Gee



Put the names below into the grid, omitting spaces and dashes. Good luck! OK, don't cheat, but the answers are on page 6. :-)

- |               |                   |
|---------------|-------------------|
| ALPHA         | MARS SNOOPER      |
| ANDROMEDA     | MICRON            |
| APOGEE II     | MIDGET            |
| ARCAS         | NIGHTHAWK         |
| ASTRO         | NOMAD             |
| ATHENA        | OMEGA             |
| AVENGER       | ORBITAL TRANSPORT |
| BANDIT        | ORION             |
| BETA          | PHANTOM           |
| BIG BERTHA    | QUASAR            |
| BIRDIE        | RANGER            |
| BOMARC        | RECRUITER         |
| CAMROC        | SANDHAWK          |
| CENTURION     | SAROS             |
| CHEROKEE-D    | SATURN 1B         |
| CINEROC       | SATURN V          |
| COBRA         | SCOUT             |
| CONSTELLATION | SCRAMBLER         |
| DELTA         | SHRIKE            |
| DEMON         | SKYHOOK           |
| DRIFTER       | SPACEMAN          |
| EXCALIBUR     | SPEV              |
| FALCON        | SPRINT            |
| FAR SIDE      | SPRITE            |
| FIREFLY       | STAR BLAZER       |
| GOBLIN        | STARLIGHT         |
| GYROC         | STREAK            |
| HERCULES      | TAURUS            |
| INTERCEPTOR   | TRIDENT           |
| JAVELIN       | V-2               |
| LANCER        | VECTOR V          |
| LASER-X       | VULCAN            |
| MACH-10       | WAC CORPORAL      |
| MARK          | X-RAY             |
| MARS LANDER   |                   |

Dallas Area Rocket Society

-- NAR Section #308

Currently expires: \_\_\_\_\_  
 Renewal through: \_\_\_\_\_  
 Email to Secretary: \_\_\_\_\_ card sent: \_\_\_\_\_  
 Date processed: \_\_\_\_\_

Membership Application

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone Number(s): \_\_\_\_\_

New Membership OR  Renewal

Single Membership (\$10/yr) (Make checks payable to DARS)

OR  Family Membership (\$15/yr) List family names: \_\_\_\_\_

Member of: NAR # \_\_\_\_\_ or / and TRIPOLI # \_\_\_\_\_

Certification Level: 0 1 2 3 (circle one) Certification Level: 0 1 2 3 (circle one)

DARS event notification by: \_\_\_\_\_ OR phone call at this number \_\_\_\_\_  
 e-mail at address below

(please print clearly) \_\_\_\_\_

Mail to: DARS Membership, c/o Suzy Sprague, 1104 Ellard Dr., Hickory Creek, Texas 76210-3900

For additional information contact Suzy at 940-321-2132 or 940-497-7009

DARSAPP.doc revised September 2004



The Dallas Area Rocket Society is a non-profit chartered section of the National Association of Rocketry ("NAR"). Its purpose is to promote the hobby of consumer rocketry in the Dallas/Ft. Worth metropolitan area.

Membership in DARS is open to all interested persons. Membership in NAR is encouraged, but not required. Annual dues are \$10.00 for individuals and \$15.00 for families. The entire family, including children, are welcomed to the meetings. Fill out and send the application, above, to join or renew your membership.

The club meets on the first Saturday of each month at 1:00 p.m.

Meetings are held in Plano, TX at:

Plano Late Night Bingo  
 1805 Ave K (18th and K St.)  
 Plano, TX 75074

Exit off Hwy 75 to East Plano Parkway (just north of George Bush Turnpike—Hwy 190) and go east, turn left on K St., and turn right into the shopping center just north of 18th St.

HobbyTown USA  
Dallas, TX

Best Rocket Selection  
In The Metroplex

- \*Aerotech
- \*LOC Precision
- \*Public Missile
- \*Reloadable Systems
- \*Altimeters, Locators
- \*Knowledgeable Staff
- \*Much, Much More!!

214-987-4744  
 8041 Walnut Hill Ln #870  
 Dallas, TX 75231  
 Next to Dave & Busters

DID YOU KNOW?

The NAR issued the new High Power Rocket Safety Code. Visit their website to view or download a copy. [www.nar.org/](http://www.nar.org/)

While you're visiting the NAR website, also read their latest update on the litigation with the BATFE. And, don't forget to send in a contribution when you renew your membership. I just did. Funds are still needed!



Stay connected! All of us will reach greater heights with your attendance at the club meetings.



**DARS Events**  
By James Gartrell

Let me know if you have a rocket-related event planned and I'll try to get it into the next newsletter. As the year goes by, I have more and more room to post that kind of information here. ;-) Hey, Don needs launch directors, too!

I don't have many Outreach events listed, but they come up all the time between newsletter issues. So, don't hesitate to drop George Sprague a line to find out what's happening. I know he can always use a hand. Visit the DARS website and click on Outreach for his email.

**DARS OUTREACH SCHEDULE**

DATE	EVENT	CONTACT
5/21, 10am-3pm	Arlington YMCA Launch— Vandergriff Park	George Sprague

**DARS LAUNCH SCHEDULE**

DATE	EVENT	CONTACT
5/27-28	NSL 2006—McGregor Contest events, too!	Don Magness
6/10	Model Rocket Launch— TBD	TBD, Contact Don
6/17-18	Father's Day Sport Launch—McGregor	Royce Frankum
7/22-23	Sport Launch—McGregor	Annie Scheidemantle
8/12	Model Rocket Launch— TBD	TBD, Contact Don
8/26	Model Rocket Launch— TBD	TBD, Contact Don
9/16-17	NTHP Sport Launch— Windom	Tim Dixon
9/30	Model Rocket Launch— TBD	TBD, Contact Don
10/28-29	Shoot for the Stars Sport Launch—Windom	Royce Frankum
11/18-19	Turkey Shoot Sport Launch—Windom	Annie Scheidemantle
12/16	Model Rocket Launch— TBD	TBD, Contact Don

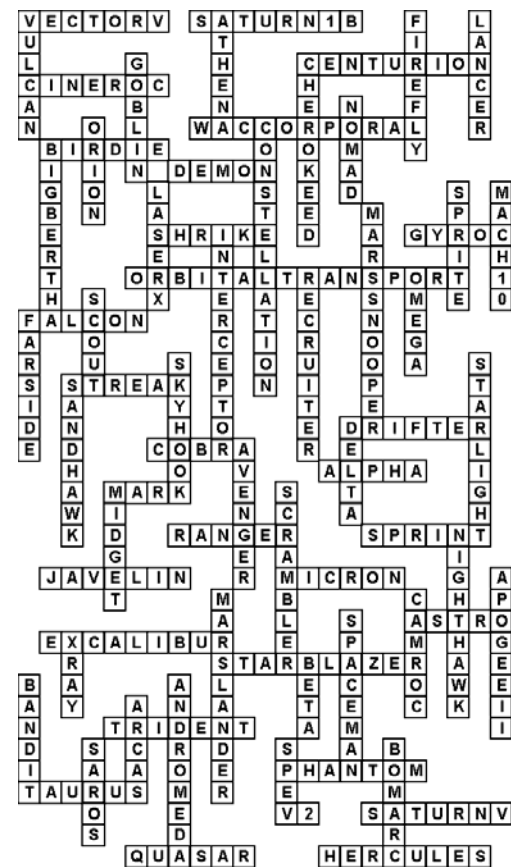
**OTHER DARS EVENTS SCHEDULE**

DATE	EVENT	CONTACT
1st Sat. of each month, 1pm-?	DARS Club Meetings	Don Magness
12/9, ?	DARS Potluck Lunch	Don Magness

Keeping with the theme of this issue, below is a picture taken at last year's DARS Classic Kit contest. Gary Briggs and Doug Sams peruse the prize box of donations for winners of the events. Photo provided by Doug Sams.



**Answers to the Classic Rocket Puzzle**



**The Crusty Rocketeer**  
By J. Stuart Powley

There are quite a few guys that have been in this hobby for quite a while. They have histories that span decades and stories that are at least that long...even if they don't always make sense...or are entirely accurate. This is a little quiz to see if you might be one of these venerable sages...or if you paid attention to one.

- Hornet Rocket Glide was:
  - 1/2 A
  - A
  - B
  - F
- The "Estes Pie Plate" was actually called:
  - The Condor
  - The Raptor
  - The Invader
  - The Little Debbie
- Enerjet engines were made by:
  - Estes
  - Centuri
  - Composite Dynamics
  - AVI
- Canaroc specialized in scale models of:
  - Tomahawks
  - Aerobees
  - Fords
  - Black Brants
- Traci Reeves was:
  - P.R. person for Estes
  - Model for North Coast Rocketry
  - Former NAR Contest director
  - Inventor of Cheese Nips
- The best Estes Maxi-Brute was:
  - X-Wing
  - V-2
  - Honest John
  - Pershing
- The original Centuri flying saucer was made out of:
  - Card stock
  - Steel



I couldn't resist scanning in an old Estes K-kit picture for this (James Gartrell, Editor ;-)

- Plastic
  - Daconian Metaloid
- "Tamp 'Em" was written by:
    - Mark Twain
    - Pat Miller
    - Allen Wilcox
    - John Pursley
  - Who was not an editor of "Model Rocketeer"?
    - C.D. Travares
    - John Pursley
    - Elaine Sodowski
    - Don Carlson
  - NARAM 25 was held
    - in Houston
    - in Austin
    - in Dallas
    - in a parallel dimension
  - Orville Carlisle ran
    - a dumb waiter
    - a trolley
    - a shoe store
    - a lot
  - A "micropift" would be
    - a composite engine
    - something you don't want to do in an airlock
    - a 1/8 A engine
    - a sausage
  - NAR #1 was
    - G. Harry Stein
    - Orville Carlisle
    - Werner von Braun
    - George Washington
  - "The Old Rocketeer" was written by
    - G. Harry Stein
    - Pat Miller
    - Mark Twain
    - Douglas Adams
  - Estes engines used to be packaged in
    - metal boxes
    - brown paper bags
    - cardboard tubes
    - Chinese food containers
  - The original Estes Mercury Redstone escape tower was made out of
    - plastic
    - sticks
    - card stock
    - cream cheese
  - The first model rocket was
    - The Scout
    - The Rock-A-Chute
    - The Astron Alpha
    - The V-2
  - The first "official" model rocket launches were held in
    - California
    - New Mexico
    - Texas
    - Nebraska

(Continued on page 4)



(Continued from page 3)

19. Superroc competition was first suggested in
- 1969
  - 1977
  - 1981
  - 1995
20. Which of the following was NOT a rocket team
- Turkey-Guano
  - Ace Disaster
  - The Flying Burrito Brothers
  - The Soviet Union

Extra Credit-  
Explain how CATO is pronounced and why. Be sure to include all obscure references. Extra points will be given for responses that ramble on for five or more pages and change topics at least three times.

#### ANSWERS

- A- All those class names were pretty cool, but if you lost your Pink Book you were sunk.
- C- It was the first attempt at a "UFO" style rocket. It was supposed to glide.
- B- Centuri bought the company and produced these early composites in the early '70s.
- D- Canaroc...Canada...get it?
- B- And interest in North Coast rose accordingly.
- Any- Let's face it, they were all REALLY cool.
- A- Although the plastic models are more detailed, the original flew the best.
- C- Our very own rocket guy.
- B- John was editor of "American Spacemodeling." OK, it was a trick question.
- A. It was cool, too.

- C- The first model rockets and model rocket engines were made in the back room.
- C- If you said "B" you probably don't get invited to many fine dinners.
- B- He was interested in fireworks, and he put that technology to work to make model rockets safe for all mankind.
- A- He wrote this column in "The Model Rocketeer" for years.
- C- Any Chinese food containers found laying around your house should probably be thrown away.
- B- If you worked and worked and were a great modeler you could make those sticks look just like... sticks
- B- The Rock-A-Chute Mark 1 to be exact.
- B- G. Harry lived there and formed a club.
- B- a bit earlier than most people think. It was first suggested as a "just for fun" event.
- D- Actually the Soviet Union was the area that the cheaters came from in the internats (not really, if you're from said area...don't sue!)

Extra Credit-  
If you even tried to answer this, there is little hope that you are finished writing even now...

Scoring:  
Give yourself one point for each correct answer.

1-3 You do know what models rockets are, right?

4-6 You probably half listened to someone rambling on about "the good ol' days," OR you were around when this stuff was happening and

you inhaled a bit too much black powder smoke.

7-9 You inhaled a bit less smoke, OR you have a lot of old model rocket catalogs laying about.

10-12 OK, this is respectable. You are a little crusty around the edges.

13-15 Crusty- Second Class

16-18 Crusty- First Class

19-20 King Crusty!

20 Plus the extra credit- Not only are you King Crusty, but you have enough long windedness to bore even the most enthusiastic new rocket guy.



I couldn't resist adding another picture. A scan of NCK-29. I should also note that Semroc has a clone of this available. Woohoo! (James Gartrell, Editor :-)

## Slowly From a Coreburner

By John Dyer

The following article was excerpted from the March, 1988 issue of Dallas Rocketry, the name of the official DARS newsletter at that time. Stuart Powley's Dallas Rocketry Archives was my source for this rocketry classic. Classic, not just because it came from an old newsletter, but also because of what John says in the article, and especially the lead-in paragraphs. John was the DARS President at the time, and very eloquently espouses, I think, what model rocketry is all about. The rockets should just be our excuse for getting together and enjoying one another's company. Well, and they're fun, too! ;-) Thanks, John, for a "classic" reminder of what our hobby is about, and to Stuart for the access to his archives. The photo is from the front cover of the same issue. It was taken by John! Enjoy! (James Gartrell, Editor)

The Dallas Area Rocket Society has been around for a long time and, hopefully, will be around for many decades. Yes, I said decades. Our organization has something that seems to transcend time itself, a bond that appears unbreakable. That bond is simple friendship. You see evidence of it at every launch or meeting. Did you forget chute wadding? No problem, just ask around. Need help prepping a special cluster model, or a unique composite multi-stage model? Just ask Alan or Mike (it's their specialty). You need to know something about electronics? There is ample knowledge, all that's needed is the question be asked. For that matter, any spacemodeling question can be answered, or someone will know where to get the info, or whom to ask. Our club's "hard core" members have been around since DARS' rebirth in the mid-seventies. You can easily recognize them (most have kids .... including myself).

My point is this: this organization, loose knit as it is, will not disappear as long as each member enjoys the comradery and the trust that each member has attained and deserved. I personally am proud to list the members of DARS as friends.

Now, as they say, on to business.

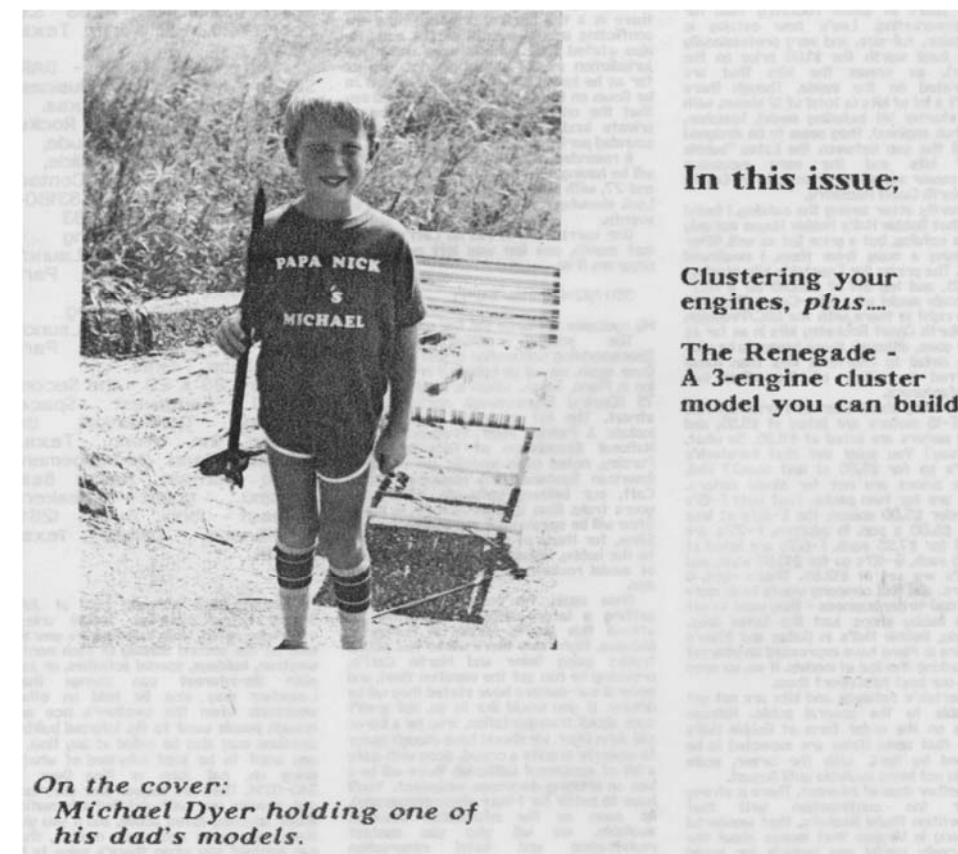
Work continues on the SouthWest Spacemodeling convention. Negotiations have been opened with G. Harry Stine to get him here to speak. Terry White, Pat Miller, and John and Connie Pursley are planning on speaking. Plans are being made for caravans to Tex-Regional, and also NARAM later this year. Due to the positive input from the last building session, we will be holding them on a regular basis whenever it's impossible to fly.

And now, a request. It is difficult to think up new ideas, or try to decide which ideas will help increase members' involvement in the club. If you have a suggestion that you feel is worth trying, or enjoyed one in the past, speak up, and tell me. A president's decisions are only as good as the feedback he receives from the members he presides over.

One last thing before I end this article. I wish to thank Mike Calhoun for the outstanding job he is doing on the newsletter. Each issue has been prepared (most generally single-handedly) before the first of the month. Not only has it been on time, but it has also been filled with very useful information. We have also received several calls from potential members (on the average of 2 per month) directly related to the newsletter being distributed free in the hobby shops. My hat is off to Mike for a job well done. I know a newsletter is not an easy project to keep up with.

That's it for this month. May your F-100's never CATO.

John



In this issue;

Clustering your engines, plus...

The Renegade - A 3-engine cluster model you can build.

On the cover:  
Michael Dyer holding one of his dad's models.