

# Rocket Times

THE OFFICIAL **Centuri** MODEL ROCKETRY MAGAZINE



## "Olympics" of model rocketry

The United States will host the 1980 World Space Modeling Championships on September 7-12 in Lakehurst, N.J., at the Naval Air Engineering Center. This WSMC, the ultimate test of model rocketry skills, is the first ever held in the U.S. The earlier three were in Eastern Europe.

The WSMC is run like the Olympics with non-professional contestants and no government funding for the U.S. Team. Centuri and other aerospace companies are helping the NAR sponsor the meet. You can help by buying a team patch. All net proceeds are donated to U.S. team and meet expenses.

Team members were selected last August to allow a year for training. This is by far the most important model rocket competition ever held in the U.S. Please help to make it the best ever. Everyone is welcome to attend. Centuri will be there . . . see you in Lakehurst?



## 1980 World Space Modeling Championships

SUPPORT YOUR UNITED STATES ROCKETRY TEAM!

Wear the official patch commemorating the meet! High quality cloth emblem is 3½" big, embroidered red, white & blue. Only \$3.50, product #9020; see coupon on page 61. Help America bring home the "gold" in 1980!



*Guppy Youngren, Americas 1st WMSC World Champion, won the Eagle Boost Glide at the 3rd WSMC in Bulgaria, 1978.*



*Jerry Irvine & Astrobeed-D*

## NARAM 21

The National Association of Rocketry held the 21st U.S. Model Rocket Championships from August 5-10, 1979 at the Johnson Space Center in Houston Texas. Model rocketeers from all over the United States gathered for the activities, which included competition, displays by manufacturers, tours of the NASA facility and the usual model rocketry fun. NARAM is held each year in different locations in the U.S. Anyone who belongs to the NAR can participate in this important model rocketry event. For more information about the NAR and next year's NARAM, contact NAR Headquarters, Dept. C-80, Box 725, New Providence, NJ 07974.



*Contestants check the launch rack at NARAM 21 (note Sat. V).*



# Design Contest

You could be a winner in Centuri's Design Contest. Build your own imaginative rocket from Centuri parts.

## HERE ARE THIS ISSUE'S WINNING ENTRIES!

### COMET

Assembled & designed by HENRY WIECZOREK, Bayonne, NJ

The Comet is a 2-stager  
Front View

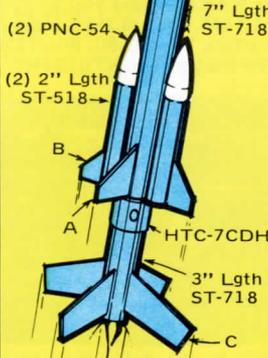
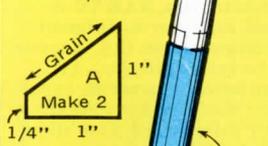
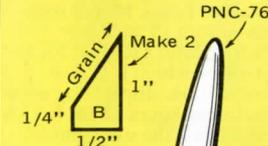
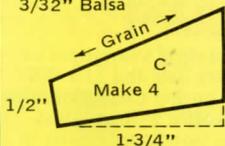
Lgth: 13"  
Diam: .076"  
Span: 4.25"

#### Other Parts:

LL-3  
(2) TR-7  
(2) RS-20  
SC-18  
SCF-1  
3/32" Balsa

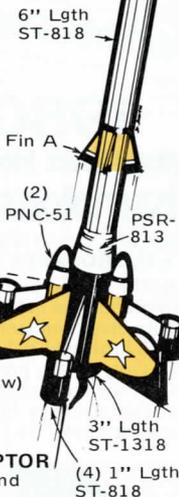
#### Engines:

1st B6-0  
2nd A8-5  
C6-0 B4-6



#### Other Parts

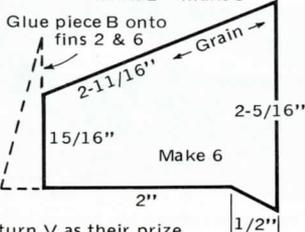
LL-3  
EL-1  
EM-13  
CP-20  
SCF-1  
SC-18  
3/32" Balsa  
(2) 2-1/2" Lgth ST-518



### QUASAR INTERCEPTOR

Designed and built by SAM LOWE, Louisville, KY

Lgth: 15.2"  
Diam: 1.34"  
Span: 7.3"



Engines: B4-4, B6-4, C6-5

Glue piece B onto fins 2 & 6

## CONTEST RULES

1. Entries must consist of a photograph of the model and a drawing which includes a parts list and your name and address.
2. Entries must be flight worthy and not copies of kit designs produced by model rocket manufacturing companies or other published designs.
3. Entries become the property of Centuri and can not be returned.
4. Employees of model rocket companies and their families are not eligible.
5. Entries judged on originality, neatness and completeness.
6. Do not send the actual model.
7. Send as many DIFFERENT entries as you like, but no duplicates.
8. There is no deadline. A winner is selected twice yearly and notified by mail.
9. Specify which prize you want.

## PRIZE

The winner will receive a prize of his or her choice . . . any ONE product from the current Centuri catalog! It can be any model rocket product we have . . . right up to the fantastic Saturn V kit or Power System Outfit!

## TIPS

- Choose from available parts.
- Avoid large forward fins.
- Use your imagination.
- Make your entry clear and readable.
- Take your time and do a good job.



Don't forget the Photo!



Sam & Henry both chose the Saturn V as their prize.

# Photo Contest



TIM PRENICE of Akron, Ohio is the winner of the Photo Contest. His carefully done photo depicts a Centuri U.S.S. America in a seeming fly-by of one of Jupiter's moons.

You can enter this ongoing Photo Contest and try for the prize, a \$10 Centuri Merchandise certificate. A winner is picked for each year's issue of Rocket Times. Send in your best photo about model rocketry addressed to: Photo Contest, in care of Centuri Rocket Times. Try for good contrast and sharp focus. Remember that people in the picture make it more interesting for our readers.

# Cartoon Contest



This issue's Cartoon Contest winner is CHARLES POOLE, Jr., from Muskegan, Michigan. Charles' "Mystery Prize" is a giant full color NASA poster of the Viking mission; now a collector's item.

Want to see your cartoon published? Just draw a funny cartoon about model rocketry and send it to Cartoon Contest, in care of Centuri Rocket Times. Each issue we pick the one most suitable for publication and award a different "Mystery Prize."

# TELEVISION SPACESHIP Contest

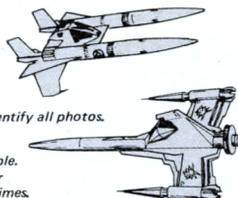
© 1979 Robert C. Dille

## MAYBE YOU WILL WIN A "BUCK ROGERS"™ KIT!

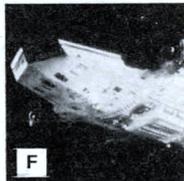
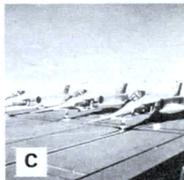
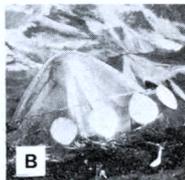
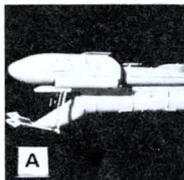
Here's your chance to become a contest winner and receive a valuable prize. Just follow the rules and match each photo with the correct TV show title on the form below. The first 20 correct entries will receive their choice of Centuri's Buck Rogers kits

## 20 PRIZES!

1. Entries must use coupon below (or facsimile).  
*Blacken one square in each row across.*
2. Entries cannot be accepted after December 1, 1980.
3. Prizes awarded to the first 20 people to correctly identify all photos.
4. One entry allowed per person. Entries become the property of Centuri and cannot be returned.
5. Employees of model rocket companies are not eligible.
6. Winners will be notified by mail within 60 days after deadline. Names will be published in next Rocket Times.



Photos courtesy TV Chariot, Box 234 Dept. C80, Mesa, AZ 85201. Their huge SF slide catalog costs \$1.25



Fireball XL-5	ITC	A	B	C	D	E	F
UFO	ITC	A	B	C	D	E	F
Project UFO	NBC	A	B	C	D	E	F
Captain Scarlet	ITC	A	B	C	D	E	F
Quark	NBC	A	B	C	D	E	F
Space 1999	ITC	A	B	C	D	E	F

## MOVIE FLYING SAUCER CONTEST

The 20 winners in our Movie Flying Saucer Contest are listed below. Each identified the Flying Saucers correctly as:

- Earth vs the F.S.—D
- Starship Invasions—E
- Lost in Space—B
- This Island Earth—C
- Bamboo Saucer—F
- The Invaders—A

Each winner received a Centuri Flying Saucer Outfit.

- Lee Morehead, Ocala, GA
- Bobby Langlois, Morgantown, LA
- Sean Saugeart, Hershey, PA
- Paul Johnson, Louisville, KY
- Alice Amarello, Fall River, MA
- Jon French, Canton, OH
- Douglas Seifert, N. Palm Beach, FL
- Hank Petrich, Tualatin, OR
- Randy Cornelius, Nova Scotia
- Douglas Yuen, San Francisco, CA
- Kyle Phillips, Montesano, WA
- Mark Chanax, Winnipeg, Canada
- Joseph Taclas, Las Vegas, NV
- Richard Handon, Indianapolis, IN
- Rob Dunne, Rochester, NY
- George Scarfo, Clifton, NJ
- Leslie Hamilton, Baudette, MN
- Marko Mychaskiw, Colo. Spgs., CO
- Mark Boeder, Omaha, NE
- William Shay, Tucuman, NM

**Centuri** Box 1988  
Phoenix, AZ 85001

### Television Spaceship Contest

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

**Kit Preference**  Marauder  Starfighter

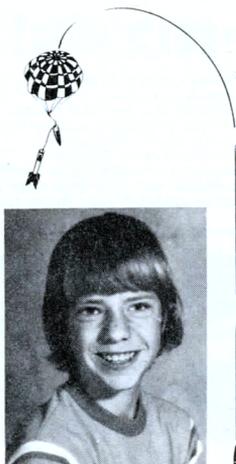
Join us on the

# Centuri Aerospace

You can have your photo here too. Just fill out the Data Form included in your CAT membership packet and send it in with a clear photo of yourself (preferably black & white). Maybe you'll appear in the next Centuri catalog!



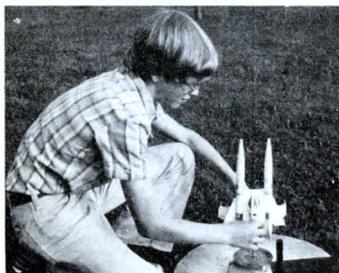
**TOM HUNT:** Tom's launched a lot in his first year of rocketry in DeWitt, MI. He's 16 and wants to be an electrical engineer.



**KEITH McBRIDE**  
Keith has been flying rockets for almost 2 years in Scottsboro, Alabama. At 14 he plans his future to include becoming a lawyer and having the world's largest rocket collection.



**NICKY GARCIA:** 13 year old Nicky, from Selma, CA, especially likes Centuri's Fighter Fleet because of his interest in airplanes. He also builds models of the SR-71 and the Concorde.



**MARK IRVIN:** Mark is a 2 year model rocketry veteran from Sterling, OH. At 15 he has plans to become a space scientist. Mark's dream project is to make a large radio-controlled space shuttle.



**JIMMY LUMIBAO:**  
Jimmy is 14 and lives in Guam. In the past 2 years he has performed experiments using insect payloads. He would like to be an astronaut.

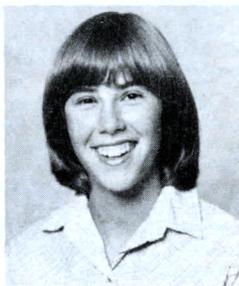


**STEVE DUBUS:**  
Steve, 17, is from Daly City, CA. He's been an active rocketeer for 2 years. His dream is to be a space shuttle pilot and participate in a NARAM.



**RON PATTEN:** Ron, 43, hails from Bronx, NY. He's been flying Centuri for over 2 years and is interested in architecture and sculpture. His dream job is to be a photojournalist.

**TAMMY JANE ROBINSON:**  
Douglasville, GA's top rocketeer is Tammy Jane. She's 15 and has been flying for over 2 years. Aside from her rocketry, she likes music and sports.



HERE'S 10 GOOD REASONS TO JOIN THE C.A.T. NOW!  
All this for only \$2.00



# Team

- 1 Your own copy of the next Centuri catalog, sent automatically.
- 2 The chance to enter and win C.A.T. contests.
- 3 The chance to be in the catalog.

# C.A.T. NEWS

## 4 C.A.T. DATA FORM

Probably the most important part of your C.A.T. kit! You complete this simple form about your model rocketry activities to become eligible to have your photo in a future issue of this catalog.



## 5 IRON-ON SHIRT INSIGNIA

A large 6"x7" three-color emblem for your T-shirt or jacket. Easily irons on and remains permanently. You'll be proud to identify with other Rocketeers.



## 6 MODEL ROCKET DESIGN MANUAL

Worth \$1.25 by itself! Large 8 1/2"x11" book, contains 32 illustrated pages. Explains design tips, construction techniques plus dozens of photos and over 100 diagrams.



## 7 C.A.T. DECAL SHEET

Impressive 3-color decal containing 16 Team insignias. Measures 3 1/2"x9". Colors are red, white, and blue.



## 8 C.A.T. MEMBERSHIP CARD

Wallet size card identifying you as a member of the "Team." Also has Safety Code on back of card.



## 9 C.A.T. WALL CERTIFICATE

A beautifully lithographed certificate with your name inscribed and ready for framing.



## 10 C.A.T. FIELD BOX STICKER

Apply this colorful I.D. sticker to your notebook, bicycle, car, field box, or even your rocket.



## "ROC" CONTEST 20 BIG PRIZES!

We invite members to enter our newest C.A.T. contest; it's fun and easy! Our new "Thunder Roc" kit is named after the Roc, a giant fierce bird from Arabian mythology. Just draw a picture of what you think the bird might have looked like. The 20 entrants with the most original and the meanest looking Roc's will each be awarded a Centuri "Thunder Roc" kit.

## THUNDER ROC

Enter as many times as you like. The deadline is December 1, 1980. Send to: "ROC" CONTEST care of Centuri C.A.T. Director.

## "U.F.O. EMBLEM" CONTEST CONTEST WINNERS

Thanks to the many C.A.T. members who sent in entries to last issue's "U.F.O. Emblem" Contest. The 20 winners listed below each received a Centuri Flying Saucer kit.

- Tom Eliason, Minneapolis, MN
- Steven Trout, Westland, MI
- David Denbow, Beech Bottom, WV
- Darren Davis, Ogden, UT
- Michael Bjornson, Highland, IL
- Matthew Check, Mt. Home AFB, ID
- Peter Brown, Suisuna, CA
- Frank Berran, St. Louis, MO
- Mike Hudson, Waco, GA
- Bill Morgan, 1000 Oaks, CA
- Williams Vasquez, Miami, FL
- Ed Martin, Scottsdale, AZ
- Eddie Copton, Yucca Valley, CA
- Bobby Boulware, Elmore, AL
- Donald Store, Omaha, NE
- Andy Berrios, Colorado Spgs., CO
- Alan G. Bottom, Winthrop, MA
- Jeff Branch, Warren, MI
- K. Seki, Culver City, CA
- Darl J. Smolarz, Rego Park, NY

**NEW**

## C.A.T. CLUB MEMBERSHIP

Now, 3 or more rocketeers joining the C.A.T. at the same time can also get the special Club Membership for only \$2.50. It includes certificate with your club name, current catalog and these 3 popular books for your club library: Club Guide, Rocketeers Guidebook and Power-System Handbook. To qualify, at least 3 must join the C.A.T., using the same envelope.



Box 1988 Dept. 316B  
Phoenix, AZ 85001

Available only by mail from Centuri. The "Special Items" \$1.00 handling charge not required on these.

### PROMOTIONAL ORDER FORM #801

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Prod. No.	Qty.	Description	Pg.	Ea.	Total
5460		C.A.T. Membership	61	2.00	
5459		C.A.T. Club Memb.*	61	2.50	
907383		M.R. Hq. Poster	63	1.50	
9020		W.S.M.C. Patch	57	3.50	
				\$	

\*CLUB NAME: \_\_\_\_\_

You may use a facsimile of coupon, to avoid cutting your catalog.