Published now and then as a free service to all Centuri regular mail order customers. Address correspondence Editor, Rocket Times Centuri Engineering Co. P.O. Box 1988 Phoenix, Arizona 85001

"Model Rocketty at its Best!"

Rocket Times

Phoenix, Arizona

Today's Thought Do a good deed . . Take Rocket-Eating Tree out to lunch!

No.3 July, 1974

R&D ROCKET DESIGN CONTEST!

HERE'S YOUR CHANCE TO "SHOW YOUR STUFF" AND MAYBE WIN ONE OF MORE THAN 40 FABULOUS PRIZES!

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ROCKET-ALLOWANCE FOR A YEAR! \$10 MERCHANDISE CERTIFICATE EVERY MONTH! USE THEM AS YOU GET THEM, OR SAVE 'EM \$120 TOTAL VALUE!

CENTURI Engineering Co.

5 COMPLETE LAUNCH FACILITIES

Launchers & accessories for all kinds of launching: Powr-Pad & Tilter, Power Tower, Powr Control, extra heavy duty launch rod, and cluster clip-whip! Five chances at 2nd place!

10 FLEETS OF MINI-KITS

A complete set of the fantastic Mini-Motor rocket kits! Nova Fireflash, Startrooper, Two-Bitz, Satellite 62SL, Mini-Dactyll Ten chances to win 3rd prize!

25 R & D CERTIFICATE AWARDS

Handsome engraved document, personally inseribed by Leroy Piester our President, certifying the winner's contribution to creative model rocket design. 25 chances to win! 4th PRIZE

So many of you have been ask ing us to have another design con-test since our last big one in the summer of 1972.

ERTUICATE AWARD

Not wanting it to be just an-other contest, we've strained our brains to come up with something really special!

We will treat you just like one of our very own rocket designers in Centuri's Research & Development Department! Here's what we mean Picture, if you will, yourself working away in our secret research laboratory hidden away somewhere near the Rocky Mountains ..., The door bursts open and in rushes the company brass, saying "OK fellows, we've got a weird problem!". Our production people found a big sur-plus stock of this particular nose cone. We want you to design a special kit which will help use them up before they start running out our ears! - Make a large, impressive kit with futuristic lines, ots of decals, pods, whatever It could look like an alien spaceship, imaginary sounding rocke a military craft or almost any thing but don't have it look

like any other kit. And don't forget to use the nose conel?

You can pick up supplies and parts at your local retailer, or send directly to us for them. If you no longer have our current catalog (No. 73) see note at bottom right hand corner, on the back page.

Well, that is your mission. should you choose to accept it! Your design must use one or more of these Centuri nose cones. Cat. No. Price #6 Series

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#13 Series: 01 PNC-132 70d #16 Series

> PNC=165 90¢ PNC-167 \$1.20

#20 Series PNC-231 \$1.00

That deadline of October 31 may seem a long way off ..., but it isn't really! Allow time to design the model, receive all the parts, build and test fly it, and time for your photograph to be developed.

The first, second, and third place winners will be announced in a future issue of Rocket Times . probably #5 (two issues after this one).

DESIGN CONTEST RULES

Entries must consist of a photograph of the completed model, and a drawing on 8%" by 11" paper which illustrates and ex-plains the various parts. Put-your name and address on the back of each.

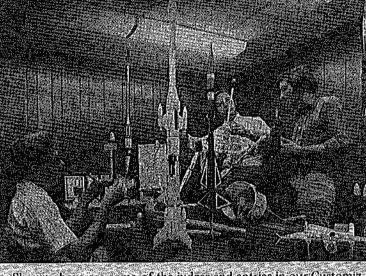
Entries must use one of the indicated parts, be flight worthy in the opion of the judges, and look noticeably different than commercial model rocket kits.

Entries become the property of Centuri Engineering Company and can not be returned. Employees of model rocket, companies and their immediate families are not cligible.

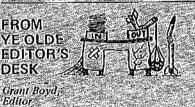
Entries will be judged on originalify, neatness of drawing and construction, practicality and

6 Do not send the actual model because it cannot be returned. You may enter as many dil-ferent designs as you like. 8 Deadline: Entries will not be accepted after October 31

1974 Send all entries 10: *R* & *D* Design Contest *Control* Engineering Co. *P.O.* Box 1988 *Phoenix*, Az. 85001



Shown above are some of the judges and entries in our Customiz ng Contest back in 1972. In that contest we had actual models sent to us, instead of photos and drawings as in our new R & D Rocket Design Contest. Please don't send your actual models, or we won't have any room left to pack kits!



Salutations, Centurions! For you newcomers who have never, seen "Rocket Times" before, this is our way of keeping in touch. with rocketeers who mail-order regularly.

While previous issues were only sent with orders being shipped, many thousands of this issue are being sent to Centuri Aerospace Team Members as an experiment. With your mail order support we can continue sending it on a regular basis, and maybe even expand "Rocket Times" to more pages, technical articles, whatever,

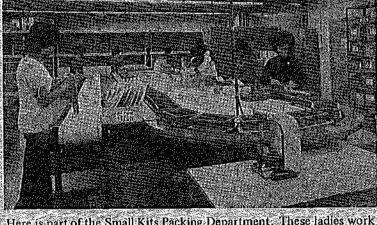
We've replaced the large LIA. 100 tripod launch stand with the new "Power Tower" (see back page) it does everything the "100" did, and more! And for less cost. Check it out, you true believers.

Energiet is now being "Phased-Down", but is still very much in the mail order business see catalog offer on back page.

Several offers in this issue require that coupons be cut out so we'll enclose another copy with your next order. Or, just request a fresh copy and enclose a self-addressed stamped envelope;

Our shipping department folks asked me to pass this on: if you send an order within two weeks of receiving this issue, they will include a free "Promptness Prize" ... a giant decal sheet of emblems.

NO. 3 IN A SERIES OF PHOTOS OF CENTURI THE GRAND TOUR



Here is part of the Small Kits Packing Department. These ladies work accurately and effeciently using a conveyor system originally designed for a missile guidance system factory

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1st PRIZE

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Well, that is your mission, should you choose to accept it! Your design must use one or more of these Centuri nose cores. #5 Series Cat. No. Price PNC.54 - 254

D	PNC 65 2	/30¢
#7 Series	"Orion Pod Cone" PNC-71 Not in catalog	304
#8 Series	PNC-89	60¢
#10 Series	PNC-102	75¢
#13 Series	PNC-132	70d
#16 Series	2. PNC 165	904

PNC 167 \$1.20 #20 Series

PNC-231 \$1.00

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SUPER Scale... Super Sale

This is a special offer, just for you readers. Chances are you have already used the "Freebie" bonus offers on the back of our current catalog... and are ready for something new!

Here's how it works: Buy one of the large Super-Scale rockets shown here (or at least equal dollars worth of other Centuri products) and receive another scale-type rocket for only "poc-ket change!" Just mark the appropriate coupon (printed on order blank on the back page), and include the right amount of "change" in the printed line under "sub-total". For instance, if you buy a 1/45th Little Joe (or at least \$15,95 worth of other stuff) and include another 69¢ you can receive a Nike Smoke kit. You can use more than one of the offers, as long as their value does not exceed what you are buying. Example: Use the Mercury Red-stone offer (\$4.95) and the Saturn 1B offer (\$10.95) if your order totals at least \$15.90 . . . then include 294 for your MX.774, and 494 for the Aerobee 350 Offers apply to Mail Order only.



COMPLETE STARTER OUTFIT

Here is the latest rocket outfit from Centuri! You probably already got your "start" some time ago, so here is a great one to recommend to friends who want to get in on model rocketry. It's like the popular "Eagle Power" Outfit, but with more of everything in it!

 tion. (Battery not included.) Unique FIRING CONTROL HANDLE requires special safety key (included) to be inserted before launcher can be activated.

Catalog No. 3502 \$1295

"SCREAMING EAGLE" rocket. This almost-ready-to-fly bird assembles in minutes. No painting or tools required! The "Eagle" comes with pre-colored body, nose cone; and molded fin set.
 It flys nearly 2000 feet high

and returns on colorful parachute. • "EXCALIBUR" rocket over 2 feet tall. Fast to assemble; the

See datalog pg.22 AND GET ONE "AEROBEE 350" for only 49^d (82.50 value) becalibut has present fibre fins and decals 11 streaks to well over 1000 feet and returns each time on a colorful parachute. • 4 POWERFUL ROCKET ENGINES • "SURE SHOT" IGNITERS • PARACHUTE WADDING • Complete ROCKETEER'S OUIDEBOOK

BUY ONE

at regular price

\$1095

catalog

pg. 41

"SATURN 1B"

BUY ONE

BUY ONE

NEW PRODUCTS Here's a few of the latest new ideas, brought to you by Centuri's Celebrated Bccentric cerebrals

(say that 5 times fast). These are too new to be in our latest catalog (no, 73), but you can bet they ands lots of other great stuff will be in our next one.

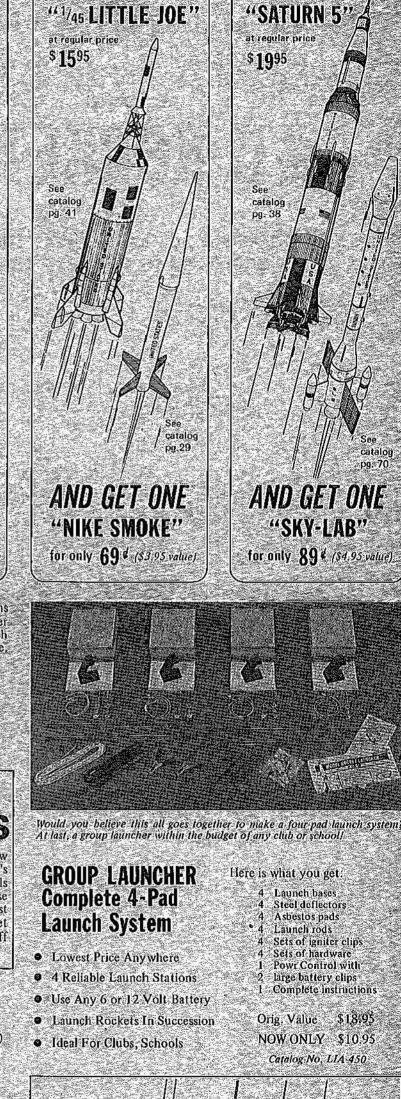
EGG CAPSULE

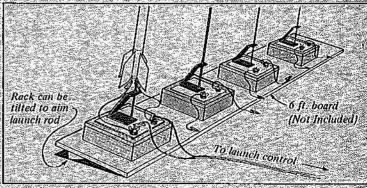


Balloon Suspension Anot Included

Large molded light weight plastic capsule ideal for Egg-Lofting, or create your own large payload section. 2" maximum diameter; fits into #13 Centuri body tube. Includes #20 tube for joining the capsule sections (you cut apart along groove that runs around the middle.) Cat. No, PNC-13E **\$195**

Cal. No. PNG. 13E \$195 Capsule & Tube

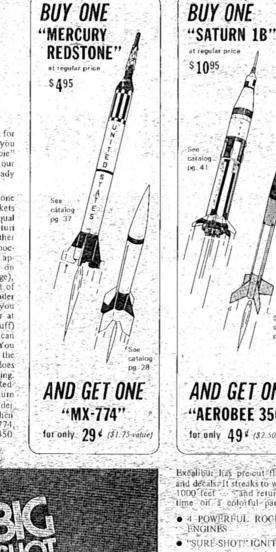




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Deluxe POWR PAD LAUNCH SYSTEM (will launch more than 500 times with recommended battery). Now you can adjust the "launch angle" with special "tilter" to compensate for wind ... and for "Spot Landing" competi-

Catalog No. 3502 \$1795

(Battery not included.) tion Unique FIRING CONTROL

HANDLE requires special safety key (included) to be inserted be fore launcher can be activated.

."SCREAMING EAGLE" tocket. This almost ready to fly bird assembles in minutes. No painting or tools required! The "Eagle" comes with pre-colored body nose cone, and molded fin set. It flys nearly 2000 feet high ---and returns on colorful parachute.

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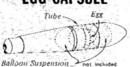
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Sei datalog

pg. 22

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Cat. No. PNC-13E \$195 Capsule & Tube



pg. 70

Would, you believe this all goes together to make a four pad launch system. At last, a group launcher within the budget of any club of school!

Here is what you get:

Launch bases Steel deflectors

Asbestos pads Launch rods

Sets of igniter clips

Powr Control with

Complete instructions

large battery clips

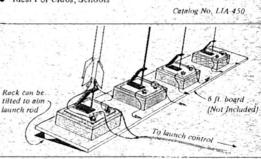
Orig. Value \$18:95

NOW ONLY \$10.95

Sets of hardware

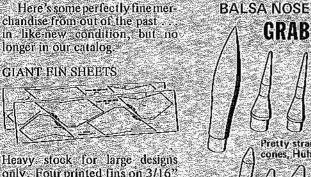
GROUP LAUNCHER Complete 4-Pad Launch System

- · Lowest Price Anywhere
- 4 Reliable Launch Stations
- Use Any 6 or 12 Volt Battery
- Launch Rockets In Succession
- Ideal For Clubs, Schools

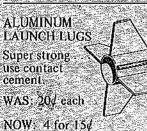


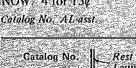


VINTAGE GOODIES... MORE GOODIES... AND STILL MORE



only. Four printed fins on 3/16" x 4² x 12² hi-grade balsa. Many designs available. Our choice. NOW: 2 sheets for 50¢ Or 4 sheets for 75¢

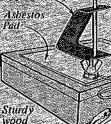




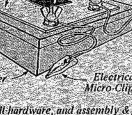


Surplus launching platforms, left over from the days before we had "Powr Pad" and "Servo Launcher"! Use with any 6 or 12 ler ... such as our new "Powr-Control." volt battery, and launch control-

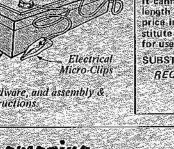




Laun







WAS

\$3.75

NOW:

\$195

Binder Posts



UNUSUAL BODY SHAPE ACTS AS ITS OWN PARACHUTE!

WAS \$1.50 NOW 75° RECOMMENDED ENGINE 84-2 (ONLY)

EGG CRATE DECAL





Calalog No. M-308



Unusual solid balsa nose cones from out of the past! Fits popu-lar tube sizes #5 thru #8 Our choice of cones.

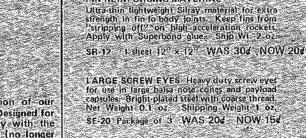
4 Assorted cones for 49° Catalog No. CGB-4 (Original value: \$1.75)



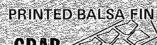
is the old version of our popular Lil Hero II. Designed for featherweight recovery with the "short" style engines (no longer available)

length engines, but its' worth its price in parts alone . OR sub-stitute a 3' #7 body tube (ST 73) for use with regular engines. SUBSTITUTE TUBE ST-73: 15¢ RECOMMENDED ENGINES

%A6-2 If you use %A6-4 the ST-73!



HEAVY DUTY SNAP SWIVELS: Sturdy, light weight-hooks for quick snap on attachment of parachute to rocket. Keeps shroud lines from twisting during recovery and makes it easy to switch chutes from rocket to rocket. Shipping Nuclei 7 It cannot be flown with standard switch chut Weight 1.oz SW-7 Package of 6 WAS 55¢ NOW 35¢



Professionally designed hemisper ical chutes for sure safe recovery of large-scale rockets. Parabolic panels of alternating high-visibility colors are easy to spot at high al-titudes. Durable SILRAY canopy has "spill hole" sewn into center.

Strong nylon stroud lines firmly anchored into the canopy. Not recommended for use in body tubes smaller than #16

STREAMER MATERIAL Ideal for recovering extremely high altitude birds. Allows rocket to descend nearer to the launch site than with a chute. Creped strip is approximately 3 in by

7.5 ft. Attach to shock cord with tape or staples, Shipping Weight 2 oz.

FR-5 3.2 oz. spray can WAS 89d NOW 75d

TESTOR'S FLUORESCENT BRUSH ON ENAMEL Adds that "finishing" touch in distinctive high visi-bility colors. May be applied over Kryton and other enamels, Available in Orange, Green, Yellow, Red, Pink Thinger, Specify color, Shipping Weight 4 oz.

FP-50 1 oz. bottle WAS 35¢ NOW 29¢

Faniastic lightweight logs with super strength and higtoss finish. Attach to rocket body with glue. Used to guide rocket along rods up to 3/16" in drameter. 0.200" 1.0. Ship, Wi, 1.oz. LL-12 2" long WAS 3/20# NGW 3/15#

LL-13 3%long WAS 3/25¢ NOW 3/204

MYLAR LAUNCHING LUGS

FIN REINFORCING MATERIAL

PS-24 24"



Loads of high quality balsa sheets with pre-printed fin patterns! These popular fin shapes were left over when we converted many of our kits to die-cut balsa. Cut out and use fins as printed, or turn over and create your own designs. Sizes vary from 2" x 9" up to 3" x 12", our choice.

5 Assorted fin sheets 49° Catalog No. FGB-5 (Original value: \$1,60)



(same as in LIA-50) NOW: 10' WAS: 054 Catalog No. ID 50 OR: 6 for 50¢





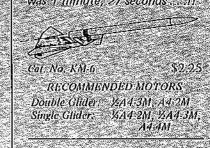
NEW REVISED MINI-MOTORS

Centuri Mini-Motors have undergone a dramatic change.

Our Mini Motors originally were 2½" long this length allowed for up to "B" power. We had used special extra strong paper to make mini size casings capable of withstanding "B" pow-Now, the worldwide paper er. shortage, and other considerations have forced us to discontinue the "B" mini series, and to shorten the engines length.

Every cloud has a silver lining, though. Read on, true believer. power (and below) and decreasing their length from 24" down to 1%" has an advantage for you: Our new, standard-length Mini-Motors may now also be used to fly, other mini rockets on the market!

We now supply a few 32 long spacing tubes with each box of Mini-Motors. Simply insert the spacer into your engine mount, ahead of the Mini-Motor, Just leave out the spacer tube, if you use the previous longer version. And speaking of mini rocket kits, here's what the newsletter of the Starlord H.O. model rocket club of Honolulu, Hawaii has to say referring to a recent contest: "The boost gliders were dominated by the new Centuri Mini Dactyl: In "Gnat BG" (4A power) the stratagy was clear, beat the Mini Dactyl. All was to no avail, as all three places went

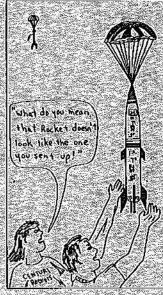




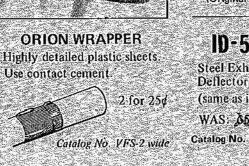


Want to see your cartoon pub-lished? Just draw what you think is a funny cartoon about model rocketry and send it to me, ye Olde Editor, "Rocket Times".

Each issue, we will pick the one most suitable for publication, juz-like we did below. This little lewel was sent in by JOHN STUNDIS of Bohemia, N.Y.









order blank. Just look ?em up

in your catalog, and add onto the "Sweep Up" order blank.

MASKING TAPE 12 foot roll

WAS

- 30¢

or 6 assorted for 50¢

TIN PATTERNS

NOW

__10¢

104

Catalog page 36F

MT-50 (½") 304

FIN PATTERN SHEET

Cat. No.

MT-25 (¼'

Includes fin

WAS: 25¢

NOW: 10¢

or 6 for 25¢

Catalog No. FPS

alignment guide



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