

Announcing New Products From CENTURI for 1977.

SUPER-C ENGINES 3 for \$1.90	C5-0S C5-3S	# CEN-5590 # CEN-5592	33% greater lift; 46% greater peak thrust; 25% more altitude!
Fighter Fleet	F-104 Starfighter 5J Israeli Mirage	# CEN-5320 # CEN-5321	\$4.50 \$4.50
Super Kit	S.S.V. Scorpion	# CEN-5307	\$9.00
Kwik-Kit	Phoenix Bird	# CEN-5407	\$9.00

DO NOT ORDER THESE ITEMS AT THE PRESENT TIME. We will keep you informed on their availability in the stuffers you receive with your orders.

Keep current on Space Modeling activities through ordering from AVI Astroport. Keep us informed of your activities and remember that AVI can supply almost any hobby or scientific educational product you require. When ordering simply list Manufacture, Product Number, Description and include Normal Retail Price.



Buy From: **AVI**
astroport
MINERAL POINT, WI. 53565
HOBBIES



2-1-77

FIRST CLASS

ON THE INSIDE:

1. AVI 1977 CATALOG DETAILS. RESERVE YOUR COPY TODAY.
2. LATEST NEW PRODUCT NEWS FROM CENTURI ENGINEERING.
3. SPECIAL MAIL ORDER FORM INCLUDING MANY HARD TO FIND ITEMS.

The AVI 1976 catalog will remain in effect until the new catalog appears in March. Now is the time to order before the price increases of many manufacturers are reflected in the new catalog.



Buy From: **AVI**
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AVI CATALOG 1977

RESERVE YOUR COPY TODAY

AVI CATALOG 1977
INCLUDING -- THE
ENCYCLOPEDIA OF SPACE MODELING

SEND NO MONEY AT THIS TIME. YOU WILL BE NOTIFIED WHEN YOUR PERSONAL COPY IS AVAILABLE FOR SHIPMENT. SIMPLY RETURN COUPON BELOW AFTER YOU HAVE FILLED IT OUT COMPLETELY.

WHEN YOU RECEIVE NOTIFICATION THAT YOUR PERSONAL COPY IS READY FOR SHIPMENT, THEN SEND ONLY \$6.00 TO AVI, ASTROPORT, MINERAL POINT, WI. 53565.

AND HERE IS WHAT YOU WILL BE SENT —

- ★ THE AVI CATALOG 1977, INCLUDING THE ENCYCLOPEDIA OF SPACE MODELING. 224 GIGANTIC PAGES (11 INCHES X 17 INCHES) FULL OF INFORMATION AND ILLUSTRATIONS ON PRODUCTS AND SERVICES THAT YOU'VE BEEN LOOKING FOR. (MORE DETAILS BELOW.)
- ★ COUPONS — FOUR COUPONS THAT COULD SAVE YOU UP TO \$20.00 ON FUTURE ORDERS. COUPON →A IS WORTH \$1.00 ON YOUR FIRST ORDER FROM AVI, COUPON →B WILL SAVE YOU \$4.00 ON THE PURCHASE OF AN ESTES MAXIBRUTE, COUPON →C ALLOWS YOU TO DEDUCT \$5.00 FROM ANY ITEM REGULARLY PRICED AT \$25.00 OR MORE, COUPON →D IS WORTH \$10.00 OFF ON ANY ITEM THAT NORMALLY SELLS FOR \$50.00 OR MORE. (ONLY A SINGLE COUPON MAY BE USED WITH ANY GIVEN ORDER, AND THEY MAY NOT BE USED ON ITEMS ALREADY DISCOUNTED FROM REGULAR AVI CATALOG 1977 PRICES.)
- ★ THIS CATALOG IS HANDSOMELY PACKAGED IN A LARGE CARDBOARD BOX THAT ENABLES YOU TO KEEP THE EIGHT SECTIONS PROPERLY STORED. WE WILL SHIP THE CATALOG VIA INSURED UNITED PARCEL SERVICE IN THE UNITED STATES. YOU ALSO RECEIVE ORDER FORMS AND BONUS DECALS.

NOW, LET'S DISCUSS WHAT'S IN THIS FABULOUS VOLUME.

SECTION ONE — "WE OFFER YOU ADVENTURE....", AIMING FOR THE STARS, SPACE MODELING AND MODEL ROCKETRY, BASIC CONCEPTS, STARTER SETS, LAUNCH SYSTEMS, ROCKET KITS, 'BUILDING YOUR GALACTIC FLEET!', THE NATIONAL ASSOCIATION OF ROCKETRY, THE GALACTIC FRATERNITY, DESIGN OF CUSTOM ROCKETS, THE METRIX SYSTEM, MODEL ROCKET ENGINES (TWO NEW PAGES ON ADVANCED CONCEPTS); AND BACK COVER THE SPACE SHUTTLE, AN OVERVIEW.

SECTION TWO — AN INTRODUCTION TO THE SPACE MODELING INDUSTRY, AVI-MPC ROCKETS, AVI-MRI ROCKETS, SPACE MODELING ELECTRONICS, MODEL ROCKETRY MEMORABILIA, TWO FULL PAGES OF CALENDAR, FOUR PAGES ON ORGANIZED COMPETITION, NATIONAL AND WORLD SPACE MODELING RECORDS, 1976 YEAR BOOK, INTERNATIONAL SPACE MODELING; COVER ARTICLE, "SPACE SHUTTLE, STRUCTURAL DETAILS."

SECTION THREE — ROCKETS FROM — ESTES, FLIGHT SYSTEMS, CENTURI, KOPTER, COMPETITION MODEL ROCKETS, CANAROC, AND OTHERS. NARAM 18 CENTERFOLD COMPLETE WITH CARICATURES, ASTRONAUT INFORMATION SHEET AND CURRENT US SPACE RECORDS; COVER ARTICLE, THE 'SHUTTLE AND SPACE COMMUNITIES.'

SECTION FOUR — DISPLAY SPACE MODELS, SPACE PHOTOS, COLLECTORS ITEMS, PERIODICALS ON SPACE, THE NATIONAL SPACE INSTITUTE, THE NATIONAL AIR AND SPACE MUSEUM, AMERICAN SOCIETY FOR AEROSPACE EDUCATION, ALABAMA SPACE AND ROCKET CENTER, NASA, INTERNATIONAL SPACE HALL OF FAME, ASTROPHILATELY, BOOKS AND LITERATURE, CENTERFOLD — SPACE TRAVELERS GUIDE TO THE US; COVER ARTICLE, "LIFE IN THE UNIVERSE."

OVER

SECTION FIVE — HOT AIR BALLOONS, KITES, MODEL AVIATION, RADIO CONTROL TECHNIQUES AND EQUIPMENT, ORNITHOPTERS, CARD MODELS, THE EXPERIMENTAL AIRCRAFT ASSOCIATION, HANG GLIDERS; CENTERFOLD — " EDUCATORS GUIDE TO THE INTEGRATED USE OF THE CATALOG;" COVER ARTICLE --"THE WORLD OF TOMORROW, A PREDICTION."

SECTION SIX — SCIENCE KITS, ASTRONOMY AND ASTRONOMICAL TELESCOPES, ENERGY, GENERAL — STEAM, SOLAR, HOBBY COMPUTERS, ROBOTICS, ELECTRONICS, PHOTOGRAPHY, SCIENCE FICTION AND FACT; CENTERFOLD — GALACTIC LOCATOR QUESTIONNAIRE; COVER, "YOUR STAKE IN TOMORROW".

SECTION SEVEN — MORE ON THE METRIX SYSTEM, RAW MATERIALS, WOOD, PLASTIC, METAL AND GENERAL, ADHESIVES, PAINTS AND FINISHING SUPPLIES, TOOLS AND EQUIPMENT, DRAFTING MATERIALS; CENTERFOLD — "PROCEDURES AND CONSTRUCTION METHODS," COVER ARTICLE -- USING MATERIALS AND TOOLS TO BUILD YOUR TOMORROW.

SECTION EIGHT — MODEL RAILROADING, MODEL SHIP BUILDING, MODEL AUTOMOTIVE, PLASTIC MODELS, MODEL ROAD RACING, MILITARY MODELS, CRAFT AND ART SUPPLIES, SPECIALTY ITEMS, ACKNOWLEDGEMENTS, TWO PAGES OF INDEX; CENTERFOLD — THE CONSTRUCTIVE LEARNING METHOD; COVER ARTICLE — AVI ASTROPORT, A CONCEPT AND A GOAL.

NOW, IF THAT DIDN'T WHET YOUR APPETITE, THEN YOU'RE A LOBATED CYBORG, OR SOMEONE THAT'S NOT INTERESTED IN THE FUTURE.....

I'LL ASSUME THAT YOU'RE A NORMAL HUMAN TYPE ASPIRING TO BECOME A MEMBER OF THE NEW SUBSPECIES HOMO GALACTICUS, "MAN OF THE GALAXY". IN THAT CASE , YOU'RE SHAKING WITH EXCITEMENT, SO CALM DOWN SO YOU CAN HOLD A PEN OR OPERATE A TYPEWRITER AND FILL OUT THE FORM BELOW.

DON'T WAIT — RESERVE YOUR COPY TODAY — SEND NO MONEY!

WE WILL NOTIFY YOU WHEN YOUR COPY IS READY FOR SHIPMENT, AND THEN YOU SEND ONLY \$6.00 TO RECEIVE THIS REMARKABLE PACKAGE.....

YES, PLACE MY NAME ON THE LIST. I WANT TO RECEIVE THE AVI CATALOG 1977 AS SOON AS MY COPY IS AVAILABLE. NOTIFY ME IMMEDIATELY WHEN IT IS READY AND I WILL SEND \$6.00 TO COVER COST AND SHIPPING OF THE COMPLETE PACKAGE INCLUDING THE FOUR COUPONS, DECALS, AND A SPECIAL DISCOUNT SALES SHEET. (I'M CALM ENOUGH TO COMPLETE THE FORM NOW, SO I'LL PROCEED).

NAME -----

STREET ADDRESS -----

CITY, STATE, ZIP -----

AGE ----- PHONE NO. -----(INCLUDE AREA CODE)

CHECK HERE IF EDUCATOR ----- INSTITUTIONAL AFFILIATION -----

SIGNATURE -----

.....
THE AVI CATALOG 1977 WILL BE SHIPPED SURFACE MAIL TO CANADA FOR \$7.00, TO EUROPE AND SOUTH AMERICA FOR \$8.50, AND TO AFRICA, ASIA AND AUSTRALIA FOR \$10.00. FOR AIRMAIL SERVICE CALCULATE FOR 3 POUND RATE OR 1.5 KILOGRAM, AND INCLUDE DIFFERENCE.

RULES: Many of the items in this folder are in limited supply and all are subject to prior sale. Order early and include payment with order. YOUR ORDER MUST TOTAL \$20.00 or more to take advantage of these offers. You can however include regular products from the 1976 Second Edition AVI Catalog. Use the space at the end of page four of this form. Prices are good until 28 February 1977. You must use this order form to take advantage of the special prices. No further discounts are allowed on listed items and \$1.00 postage and handling is required on all domestic order, \$3.00 postage and handling on Canadian orders.

CELESTRON®

AVI Astroport will be featuring a number of items for the Amature Astronomer in the AVI CATALOG 1977 which we hope to release in the last week in February. We are proud to include the complete line of Celestron Schmidt-Cassegrain research quality telescopes, and accessories. Our prices are the lowest we've seen published:

- CELESTRON 5 inch Complete \$590.00
- CELESTRON 8 inch Complete \$785.00

We are also selling a complete line of Refracting Telescopes and accessories. Our prices are again very competitive. The refractors are available in 2.4, 3.15 and 4.0 inch diameter objectives. WRITE FOR FURTHER DETAILS and PRICE INFORMATION.

CENTURI A complete designer pack including materials to build five medium size rockets. Design Manual and instructions included. Parts would cost over \$14.00 if purchased separately, and the regular price is \$9.00. Your cost \$7.00 _____ @ \$7.00 \$ _____

CEN-B4-3M We have located a few more packs of this discontinued motor type. A mini-motor, four to a pack, igniters _____ @ \$2./pack \$ _____

CEN-1/2A6-4 Three motor packs. Regular \$1.40/ pack. Buy a 12 pack, 36 motors for only \$8.00, Less than half price. _____ @ \$8./12 pack \$ _____

CEN-1/4A4-4M Four motor packs. Regular \$1.50/ pack. Buy a 12 pack, 48 motors for only \$9.00, that is half price. _____ @ \$9./12 pack \$ _____

CANAROC Super Special price on the set of three Black Brants, the III, IV and V that would normally sell for \$23.95 for the set of three is available at \$18.00 the set. _____ @ \$18.00 the set \$ _____

NOTICE NOTICE NOTICE

At this moment all AVI GOLD SERIES motors are in stock for immediate delivery. This situation could change rapidly so order now for needs for the contest season.
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ESTES Still a few sets of the Thor Agena B and Little Joe II collector items available in sets of one each. _____ @ \$9.00/set \$ _____

RENWAL A Close-Out. Visible Wankel Engine complete with electric motor an control to illustrate principles. List price is \$19.50. A super buy at only \$7.95 each. _____ @ \$7.95 ea \$ _____

FUTABA One unit only. Three channel radio control set complete with transmitter, receiver, 2 servos. 72.160 MHz. Regular \$179.95. Brand new unit at normal dealer cost or below. _____ @ \$129.95 \$ _____

(Contact AVI for quotations on any R/C equipment you require. We are expanding the R/C section in the new AVI CATALOG 1977)

Total order this page \$ _____

- ESTES CINEROC FILM , Close-out List Price is \$4.95
 Now buy 3 packs for only \$7.50. _____ set of 3 @ \$7.50 \$ _____
- ESTES CAMROC CARRIER, Complete with nose cone and payload compartment,
 EST-1266 List price is \$4.00. CLOSE OUT. 4 for \$7.00. This will become
 a collector's item in time. _____ sets of 4 @ \$7.00 \$ 7.00
- ESTES We have a selection of somewhat shop worn GOLD POWER rocket kits
 but complete except for fuel. Made to sell in the \$5. range and
 now selling for \$8. We offer these at \$2. each 2 @ \$2. \$ 4.00
- MPC-AVI The Pilgrim Observer sells for \$7.00 currently. Special on
 this sale sheet only, \$5. _____ units @ \$5. \$ _____
- ESTES SM-2 Streamer Material List Price is a pack of 6 for \$1.10.
 Buy 10 packs for only \$4.00 and sell some to your friends.
 Stock up for the new flying season.... _____ 10 pack lots @ \$4. \$ _____
- ESTES ALTISCOPE (Limit 2) Current list price is \$6.95. These are
 older 'new' inventory. Your cost \$1.95 each. _____ @ \$1.95 \$ _____
- ESTES COLLECTORS ITEMS, but fully usable. Series III rocket motors.
 Three per pack, in original packages with instructions and ignitors.
 Series III motors are the same diameter as standard 18 MM motors but
 are one inch shorter. A one inch section of motor casing can be
 used as a spacer for operation in standard motor mounts.
 These would sell for \$1.40 per pack or more if they were still
 in production. SUPER SPECIAL DEAL, 30 packs our choice for only
 \$18.00. $\frac{1}{4}$ A, $\frac{1}{2}$ A and A types only. _____ deals @ \$18. each \$ _____
- COX Here is one of the best igniters ever made. Can be used in any
 standard rocket motor. 60 igniters for only \$4.50. _____ @ \$4.50 \$ _____
- COX COLLECTORS ITEM . The 1970 dual SPACE SHUTTLE, #5200.
 Originally sold for \$8.00. OUR PRICE \$10. each. _____ @ \$10. \$ _____
- MPC-AVI Minijet motors by the case. 24 packages of 4 motors each of
 1/2 A and A type motors. SUPER SPECIAL DEAL, inventory reduction.
 Regular price is \$28.80 per case or more. Our choice of type
 they cost you only \$16.50 per case. _____ cases @ \$16.50 \$ _____
- ADDAR It's an APOLLO - SOYUZ encounter in a bottle. Plastic model
 Addar #226. Regular retail on a hard to find item. They won't
 be around long so add it to your collection now. _____ @ \$3.50 \$ _____
- ESTES GOONEY BIRDS , are ugly, but here's your chance to get all
 6 at a low price. One each of the Star Snoop, Cloud Hopper,
 Galaxy Guppy, Zoom Broom, Missile Toe and Sky Shriek for only \$9.95.
 A REALLY UGLY SET. _____ sets of 6 @ \$9.95 \$ _____
- CNA Canaveral North Associates, MIDI-LAUNCHER, made to sell for
 \$24.95. Electronic countdown, hold, reset for flash bulb ignition.
 THE BEST PRICE ANYWHERE, \$18.95. _____ units @ \$18.95 \$ _____
- PHOTOS Official NASA News Release Photos. Black and White with captions
 on reverses. 8 x 10 inch collector items. Photos of recent
 planetary exploration. These are the actual photos distributed
 by NASA not reprints. \$2.00 each. _____ photos @ \$2.00 \$ _____

Total order this page \$ _____

We are interested in buying any historical material related to the development of MODEL ROCKETRY or SPACE MODELING, and also the EXPLORATION OF SPACE. We will buy built up models, autographs of astronauts, old publications, odd-ball rocket motors and the like (or the unlike). As we find odds and ends we will offer them in the MAIL ORDER SPECIALS so you can expand your collection as we are. Here is a sample of a small inventory we recently picked up.....

ROCKET SUPPLY COMPANY or AMROCS (Advanced Model ROCKET Systems).

This east coast company was one of the early model rocket manufacturers. In time the line was purchased by Space Age Industries but RSC continued to market the line also. AVI recently purchased the remaining inventory. Remember we are selling these as collector items. ORP = Original Retail Price (circa 1969).

- WOMBAT ORP \$1.25 Rocket glider. AVI Price \$3.00 _____ pcs @ \$3. \$ _____
- HAWK ORP \$1.50 Boost Glider AVI Price \$3.00 _____ pcs @ \$3.00 \$ _____
- Liberty Bell/ Thunderbolt ORP \$0.89 AVI Price \$2.00 _____ pcs @ \$2. \$ _____
- AMROCS/RSC Catalog (collectors item, not to order from) _____ / cats @ 50¢ \$ 1.50

If you're interested write for a list of other odds and ends from this company.

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WANTED WANTED WANTED WANTED WANTED

We are particularly interested in assembling a complete set of kits and products from Rocket Development Corporation. We will offer \$20.00 in trade for an RDC E8 model rocket motor in unused condition and \$35.00 in trade for an Un-used or slightly used RDC engine thrust stand. If you have unopened kits from RDC we offer three times the original price for one each of the varieties we do not already possess. Send a list of what you have.

What memorabilia do you have from early NARAMS and early conventions? Let us know and we will make you an offer good in trade, or you name your price and we'll see if we can meet it.

AND BACK TO SPECIAL OFFERINGS

- ESTES Kit number TK-4 (Collectors Item). The original minibrute, the HORNET. Price marked \$1.19. The last known remaining supply. Our price is \$1.50 each. _____ pcs @ \$1.50 \$ _____
- ESTES The Firing Line Starter Set as individual components including the minipad launch pad and controller, the Banshee rocket and a pack of 4 minimotors. A \$14.95 list item for only \$8.00. ORDER TODAY _____ sets @ \$8. \$ _____
- COX Assembled 20" parachutes #50710 _____ pcs @ \$0.60 \$ _____
- COX (Collectors Item) Rocket motors, #8164-3, type A6-4, Three to a box with 4 igniters, dated 1972. Original price \$1.10, now \$1.50 _____ boxes @ \$1.50 \$ _____
- AMT STAR TREK..... Three numbers in a deal ... Enterprise Bridge #950, Space Station K-7 #955 and Romulan Ship #957. Regular \$10.50 value, now \$5.95. _____ deals @ \$5.95 \$ _____
- AIRFIX Apollo Saturn IB 1/144 List \$6.50 Special \$4.95 Stocks are running low, order now. _____ pcs @ \$4.95 \$ _____
- AIRFIX Apollo Saturn V 1/144 display model List is \$11.00 Your cost is \$8.95. _____ pcs @ \$8.95 \$ _____

Total order this page \$ _____

