

**MODEL ROCKETRY
SUPPLY CATALOG
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-- Temporary Edition --

Although the tremendous increase of customer orders these past two months has certainly been welcome, it has also caused some problems. Running out of the current issue of our "Model Rocketry Supply Catalog" was one of the unforeseen consequences. All previous signs had indicated that the supply of published catalogs would be adequate until the new edition rolled off the press in April.

Bill Simon, our publication editor, refused to panic and took on the task of preparing a presentable

temporary edition. Under his guidance the personnel of the Photo Lab and Print Shop worked with valor and speed to complete this standby catalog. Thanks to the efforts of these people the company will be able to care for the requests of our rocketeers.

TAKE TIME FOR TEN THINGS

1. TAKE TIME TO WORK: It is the price of success.
2. TAKE TIME TO THINK: It is the source of power.
3. TAKE TIME TO PLAY: It is the secret of youth.
4. TAKE TIME TO READ: It is the foundation of knowledge.
5. TAKE TIME TO WORSHIP: It is the highway of reverence and washes the dust of earth from our eyes.
6. TAKE TIME AND ENJOY FRIENDS: It is the source of happiness.
7. TAKE TIME TO LOVE: It is the sacrament of life.
8. TAKE TIME TO DREAM: It hitches the soul to the stars.
9. TAKE TIME TO LAUGH: It is the singing that help with life's loads.
10. TAKE TIME TO PLAN: It is the secret of being able to have time to take for the first nine things.

Submitted by Avona O'Leary

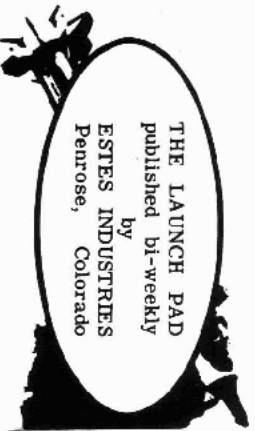
CLASSIFIEDS

A Free Service
For Employees

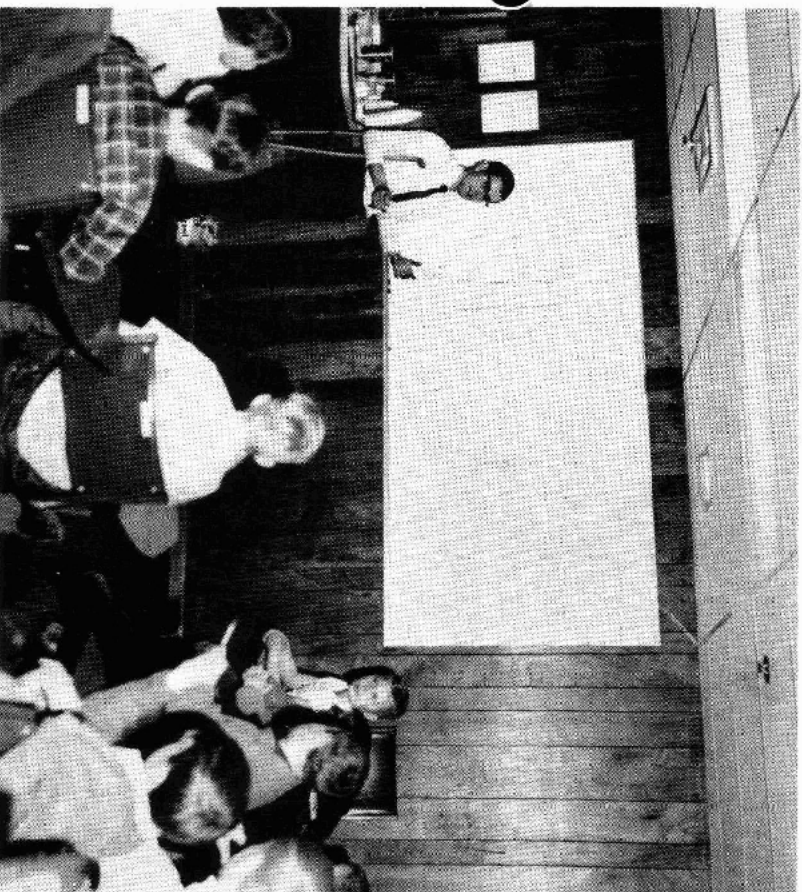
Deadline: Tuesday
Before Publication

FOR SALE
FORD PICKUP, 1954, automatic transmission, V-8, good tires, runs good -- \$350.
AMANA FREEZER-REFRIG. comb. -- \$40.
KELVINATOR REFRIGERATOR --- \$30.
LINDSAY WATER SOFTENER, used, good condition -- \$50. Dina Trautman, 1541 E. 12th, Pueblo, 542-9149.

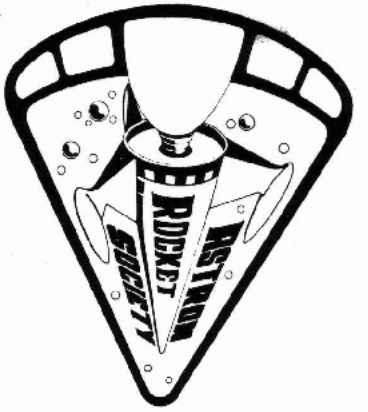
WANTED
PONY - SADDLE - BRIDLE, John Hood, 275-7403.



the
ESTES
LAUNCH PAD
March 21, 1969



NORM AVERY DISCUSSES THE FINER POINTS OF TRACKING WITH MEMBERS OF THE ASTRON ROCKET SOCIETY IN THE CONFERENCE ROOM.



Astron Rocket Society, as the club is known, is sponsored by the company and directed by Nor Avery. The group has about twenty members.

Recently the time of their meetings was changed from Wednesday evening to Saturday morning. The club members assemble at 9:30 a.m. and disperse at 11:45 a.m. Rather than launch their models once a month on Sunday afternoon (hoping for rocket-flying weather) they now may launch them on any good Saturday morning.

Once a week a group of enthusiastic young rocketeers from the surrounding communities meet at the old club house. Their activities include discussions, films, rocket construction and launchings. The

The feature of the meeting, tomorrow, will be a conducted tour through the main plant building. Following this excursion, members and visitors will launch their models at Cape Estes.

LOST ----- ONE BUTTON

An elderly lady of Florence lost a dress button during our Open House. The button is pearl-gray with a black rim and is about the size of a half-dollar. If you spot it, please contact Alice at Retail Sales.



Construction has begun on the new office building for the engine manufacturing area of the plant.



These days it's quite incredible to us that the United States was founded as a protest against taxation.

SHIPPING

The Shipping department welcomes six new employees. *Jean Savage, Carole Shepherd* and *Rhea Skeeters* join the swing crew while *Kathleen Koklich, Anita Peffers* and *Barbara Wiggins* are new members of the graveyard team.

Jean, a resident of Pueblo, graduated from high school two years ago. She enjoys painting, swimming, and horseback riding in her spare time.

Carole, a native of Pueblo, enjoys sewing when she has time. Her husband is an employee of C.F. & I. *Carole* is the mother of three children.

Rhea and her husband, who works at the Ordnance Depot, are the parents of sixteen-year old twins -- a boy and a girl. A native of Canon City, *Rhea* finds pleasure in bowling.

Originally from Paonia, *Kathleen* now lives with her husband in Canon City. She has a married daughter. Two sons serving in the armed forces. *Kathleen* likes to knit, play bridge, fish and hunt.

Although born in Colorado, *Anita Peffers* grew up in Oregon. She and her husband, a logger and rancher, have eight children. Now living in Canon City, *Anita* delights in music, reading and practicing her art ability.

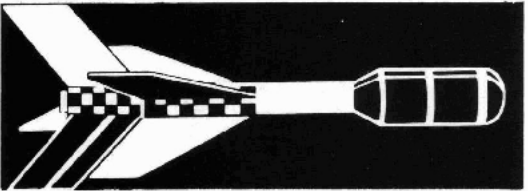
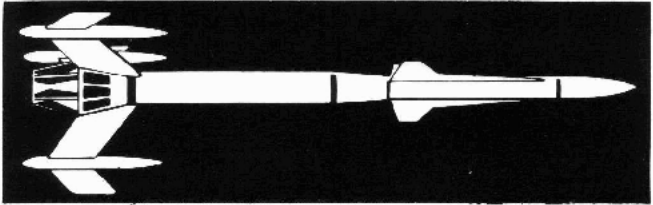
Barbara Wiggins, the mother of an eight-year old daughter, finds time to knit, sew, camp and fish. After twenty years in California she just recently moved back with her husband to Canon City.

ROCKETTEER MAIL

Two new gals have brought their talents to the Rocketeer Mail department since the last Launch Pad publication. *Gwen Daniels* and *Shawn Myers* have joined the day staff.

Gwen, a native of Ohio, has lived with her family in Penrose for the past twelve years. She and her husband, an employee at C.F.&I., have five children. *Gwen* finds reading and flower gardening pleasurable spare time activities.

Shawn, a rancher's daughter, now lives with her husband, an employee of the War on Poverty Program, and six-year old son in Pueblo. *Shawn* has a variety of hobbies. She enjoys reading, music, Indian beading and writing poetry.



APOLLO FACTS

Here are some eye-opening statistics about the Saturn V rocket and its Apollo spacecraft:

--The diameter of the Saturn V at the base is 33 feet and the weight is 6,022,025 pounds, of which 5.5 million pounds is propellant for the engines.

--The total thrust of its engines is 8.7 million pounds, equal to the combined horsepower of 543 jet fighter planes.

--The combination of rocket and spacecraft stands 60 feet taller than the Statue of Liberty and is 13 times heavier.

--If your auto gets 15 miles to the gallon, you could drive 18 million miles, or around the world 700 times, on the amount of fuel required for the rocket and spacecraft. That's a 34-year trip at 60 miles an hour.

--The two vehicles have more than two million parts.

--There are 85 engines on the two. Besides the main engines, there are numerous small rockets to control attitude, or direction of flight.

--The fuel pumps on the five main first-stage engines push fuel with the force of 30 diesel locomotives. The engines gulp propellant at the rate of 900 tons a minute.

--There is enough liquid oxygen in the first stage to fill 54 railroad tank cars. The interior of the fuel tank could accommodate three large moving vans side by side.

STAGGER BELIEF



--There are 15 miles of wiring in the Apollo craft. Its heat shield must survive re-entry temperatures up to 4,500 degrees Fahrenheit.

--One Saturn V can orbit more than the combined weight of all the more than 500 satellites launched to date by the United States.

--During the Mercury man-in-space flights, data was received on the ground that would fill a standard printed page every second. Data from the Apollo craft would fill an average novel in the same one second.

--More than 300,000 persons in 20,000 firms across the United States worked on some phase of the development of the Apollo hardware. Major contractors are the Boeing Co., first stage and systems engineering and integration; North American Rockwell Corp., second stage, spacecraft and engines on all three stages; Douglas Aircraft, third stage, and International Business Machines, the instrument unit.

--The liquid hydrogen and oxygen tanks in the spacecraft are so well insulated that if a hydrogen tank containing an ice cube were placed in a room heated to 70 degrees, it would take 8 1/2 years for the ice to melt.

PRINT SHOP - WOOD SHOP DEALER SALES

The swing crews of the Dealer Sales department, the Print Shop and the Wood Shop have each gained one new employee.

Dealer Sales welcomes *Anne Ellsworth*. Anne moved from Westminster, Colorado, to Canon City this past year. Skidooning and designing her own clothes are a source of satisfaction for her. Anne has also enjoyed doing some professional singing.

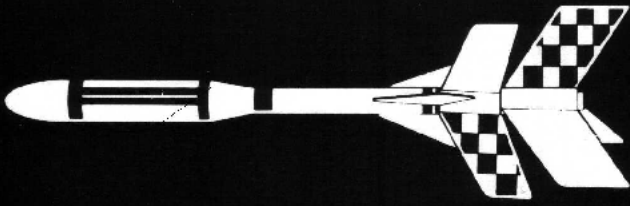
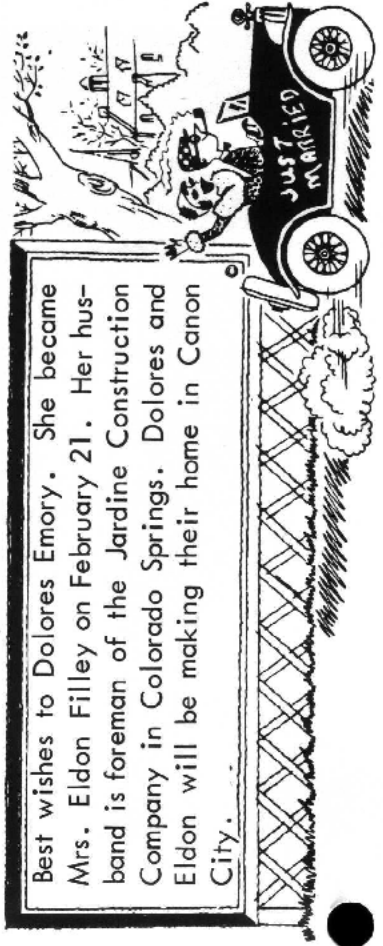
Norma Slater is learning the eccentricities of the Print Shop machinery. Durango was her home until just recently when the family moved to Lincoln Park. She and her husband, a glazer by trade, enjoy participating in 4-H activities with their four children.

Brunhilde Latimer is applying her skills in the Wood Shop. A native of Germany, Brunhilde first came to the United States in 1956. She and her family have lived in Penrose since 1964. Her husband, retired from the Army, is attending refrigeration school. Aside from caring for her three children, Brunhilde likes to crochet, knit and cook.

TEMPORARY EMPLOYEES

A special word of appreciation to *Betsy Acton*, *Sherri (Hyde) Cooper*, *Vi Hovaten* and *Carole Roberts*. These former employees are helping out during the present upsurge of mail caused by Science Fair Activity amongst rocketeers and by the excellent response to the February issue of the Model Rocket News.

Best wishes to Dolores Emory. She became Mrs. Eldon Filley on February 21. Her husband is foreman of the Jardine Construction Company in Colorado Springs. Dolores and Eldon will be making their home in Canon City.



MARCH ANNIVERSARIES

John Hood	FIVE YEARS	Warehouse
Mary Ellen Amedei	THREE YEARS	Wood Shop
Ed Brown		Engine Mfg.
Billie Fall		Mail Processing
Chuck Helzel	TWO YEARS	Public Relations
Martha Schumacher		Shipping
Bill See		R & D
Peggy Apple	ONE YEAR	Packing
Vivian Butler		Shipping
Kim Davis		Machine Shop
Sandra Griesser		Packing
Dole Linam		Warehouse
Wanda Wheeler		Mail Processing

"IT'S SPRINGTIME IN THE ROCKIES"



Four new employees have joined the Mail Processing crew. *Donna Brenon*, *Pat Singer* and *Susie Snyder* are working on the swing shift. *Connie Meeks* is on the graveyard team.

MAIL PROCESSING

Donna Brenon, a native of Missouri, moved to Canon City just two months ago. She appreciates the drier climate of Colorado. Donna spends her recreational time knitting and reading.

Pat Singer, is a collector of collections. Her collections include rocks, salt & pepper shakers and stamps. A native of Canon City, Pat graduated from high school in 1967.

Susie Snyder also graduated from Canon City High school two years ago. She enjoys water skiing and other outdoor activities. Susie recently spent three months in California.

Connie Meeks is another lover of outdoor activities. She and her husband, an employee of the Gilmore construction Co. of Pueblo, are the parents of a three-year daughter.

PACKING

The Packing department has added four new gals. The newest member of the graveyard crew is *Evangeline Avila*, while *Sharon Kimmick*, *Jane Savage* and *Isabelle Whittenbeck* are the most recent swing shift packers.

Cooking is *Evangeline's* favorite pastime activity. Originally from Pueblo, she moved with her family to Penrose eleven years ago. Evangeline has eight brothers and three sisters.

Sharon is a native of Canon City. She enjoys knitting, crocheting and caring for her two-year old son. Sharon's husband is a mill operator for Colonna and Co. of Canon.

Jane has been a resident of Pueblo for the past sixteen years. Her husband is an electrician at C.F.&I. The mother of five children, she likes to sew and practice target archery.

A Penrose rancher's wife, *Isabelle Whittenbeck* finds time to enjoy sewing and painting. She has three grown children. Aside from ranching, her husband also works at the El Paso Floor Company in Colorado Springs

A MEMBER OF THE ASTRON
ROCKET SOCIETY LAUNCHES
HIS MODEL.

