

America Soon Will Try To End Russia's Moon Shot Control

Cape Canaveral, Fla. — UPI — America in a few weeks will try to end Russia's monopoly on original pictures of the moon's "farside" surface.

A scanning device will be contained in the 375-pound payload of the new Atlas-Able rocket will try to throw into orbit around the moon. U. S. hopes of getting the first pictures of the lunar backside went up in the explosion that claimed the first Atlas-Able Sept. 24.

The "farside" is the 41 per cent of the moon's surface which, because its period of rotation almost coincides with its orbit around the earth, is not seen from the mother globe.

Earlier this month, Russia's Lunik III was whirled into an eight-shaped orbit around the moon and the earth. The pictures it took of the farside were recently released to the free world.

The Atlas-Able, standing about 125 feet tall and utilizing an Atlas ICBM in the first stage, is the biggest, most powerful space vehicle ever put together in the western hemisphere. But its satellite is considerably smaller than the 602-pound weight of the Lunik III payload.

However, the U. S. lunar probe will have several duties outside that of taking pictures. It will study properties of space between the earth and the moon, on the lunar body's mass and on shape, surface details and composition of the earth's biggest neighbor.

The picture-taking will be done by a facsimile system, resembling a television camera, developed by the Space Technology Laboratories (STL). A mirror inside a tube focuses light and dark areas. An electronic counter computes and records the impressions.

This material would be stored while the moonlet was in transit across the "farside." When the satellite came back into the line with the earth, the impressions would be changed into radio signals and radiated across the thousands of miles to receiving centers on earth.

The signals would be translated through a reverse procedure to produce pictures that scientists hope will show more details of the moon's "farside." In general, the Lunik shots showed the other side to be mostly vast plains.

Another gadget that will be aboard is a device designed to maintain temperature control inside the instrumented compartment in the face of wildly fluctuating space-type temperatures, which can range from near zero absolute to the boiling point of water within minutes.

This unit, also developed by STL, would utilize the absorp-



BETTER THIS WAY — A Connecticut Yankee, Loretta Powell, 24, shown as she prepared to leave Bridgeport, Conn., to represent the United States at the "Miss World" pageant in London, said she wished she were a Texan. In the first day of the contest "I have to wear a cowboy outfit, complete with sixshooters, into the House of Commons. I'm not used to cowboy boots. I don't find them comfortable to walk in." But Texans do, see? (UPI Telephoto)



...and let us also give thanks for the human dignity which we enjoy as free individuals... for the preservation of the peace... for the prosperity of our great Nation... for its thrifty and self-reliant citizens... for our homes and the family happiness they bring... for the challenge of the unlimited opportunities which lie ahead.

CURRENT DIVIDEND 4% PER ANNUM
Open a savings account now.

FIRST FEDERAL
Savings & Loan Assn. of Medford
29 North Ivy Street — Robert F. Kyle, Manager

CHRISTMAS TOY LAYAWAY

\$1 DOWN

WILL HOLD YOUR COMPLETE TOY SELECTION UNTIL CHRISTMAS

FOR YOUR SHOPPING CONVENIENCE, SEARS WILL REMAIN OPEN FRIDAY AND MONDAY EVENINGS TIL 9 P.M.

ROCKIN', BOUNCIN'

BIG WONDER HORSE

• Irresistible pal for youngsters 1 to 7 years.

SEARS LOW PRICE!

\$17.99

USE SEARS TOY LAYAWAY

Dappled colored rugged plastic. He's 34 inches long, 8 inches wide and 34 in. high. Sturdy construction, metal frame.

COMPLETE DOLL ENSEMBLE

INCLUDES — Play pen with rollers, and pad, complete ensemble including 2 diapers, sponge, dress, washcloth, soap, coat and hat to match.

\$10.99

CHARGE IT!

HAPPI-TIME TOYTOWN IS NOW OPEN

A GIFT TO DELIGHT ANY LITTLE GIRL!

SOUTHERN OREGON'S MOST COMPLETE DOLL SELECTION IS YOURS . . . AT SEARS!

<p>Portable Phonograph Perfect for Tots</p> <p>For 78 RPM records \$7.49</p> <p>Easy to operate... perfect for their 78 RPM records to 12 in. Self-starting motor, on-off switch. Metal case.</p>	<p>Happi-Time 34-inch Ball Bearing Wagon</p> <p>Maroon and White \$10.98</p> <p>Handles the biggest loads... rolls smoothly on ball bearing wheels, puncture-proof tires. 34x15 1/2 x 4 in.</p>	<p>"Cape Canaveral" Giant Play Set</p> <p>Over 50 pieces \$6.99</p> <p>Just like the famous missile base. Complete with buildings, missiles, satellites, figures. Action packed fun!</p>	<p>10-in. Happi-Time Steel Velocipede</p> <p>Red and White \$10.99</p> <p>A beauty! Has 10-in. ball bearing front wheel, 8-in. back wheels. Adjustable seat, handlebar. Semi-pneumatic tires.</p>	<p>12-in. Miniature Shirley Temple Doll</p> <p>All dressed \$4.99</p> <p>Lovely as her bigger sister dolls. She's durable vinyl with curly, rooted hair. Sleeping eyes. Fully dressed.</p>	<p>Red and White Vinyl 27-inch Doll Buggy</p> <p>Duchess gear \$4.99</p> <p>Gives dolly a super smooth ride! Richly quilted body, chrome-plated tubular handle. 6 1/2-in. gray rubber wheels.</p>	<p>Chrome Plated 3-Pc. Dinette For Tots</p> <p>A thrifty low \$19.95</p> <p>Sturdy and fun filled with 17x24 in. formica topped steel table plus two chairs upholstered in red plastic.</p>
<p>Complete Microcraft Set With Electric Microscope \$4.99</p> <p>All the needs for microscope experiments, complete to real specimens, in a sturdy steel laboratory cabinet. Has 3-turret electric microscope with 6 magnifications, plus complete equipment.</p>	<p>Ford Toy Cars \$2.99</p> <p>Battery operated realistic steel model. Steers left, right. Top lowers into trunk. 8 1/4 in.</p>	<p>Flower Making Set \$2.69</p> <p>Makes 6 lovely colored, realistic roses. Complete with easy instructions.</p>	<p>Complete Parcheesi 89c</p> <p>Full set with 15% in. board, 2 dice cups, dice, 16 play pieces and instructions.</p>	<p>6-Room Colonial Mansion Fully Furnished for Dolls \$4.69</p> <p>Small dolls live in gracious comfort here as any little miss plays for hours of fun. House is 19 1/2 x 11 1/4 x 15 3/4 in. size in steel. 6 rooms of furniture are beautifully detailed plastic.</p>		
<p>Gun \$4.49</p> <p>23 in. long plastic on tripod.</p>	<p>Toy Piano 2.49</p> <p>8-key board.</p>	<p>Western Game \$2.89</p> <p>"Bat Masterson" adventure game. Exciting western battles on 3-d. mansion board.</p>	<p>Food Set \$1.99</p> <p>Package food mixes, utensils.</p>	<p>Hat Box 99c</p> <p>Plastic covered. 8 in. for total.</p>		

VISIT SEARS TOYLAND TODAY...SELECT NOW ON LAY AWAY.

"Go-tar" \$1.69 Westerns decorated.	Tea Set \$2.39 Service for 6 in durable plastic.	Erector Set \$7.99 Perfect gift for the Mechanical Minded Boy.	Scrabble \$2.89 With 18 1/2-in. board, 100 tiles.	Plane Kits 98c Easy to assemble plastic models.	Ranger Set \$1.99 Texas Ranger double leather.	Puff Pals 79c Gay lithographed wood.	Stick Horse 99c Gay blue vinyl. 40 inches long.	Diaper Bag \$1.49 Plastic bag plus doll needs.	Mouse Car 1.88 Easy to inflate. on rubber wheels.	9-in. Drum 99c Bright metal with two 12-in. sticks.	Pull Toys 79c All new Tiny Tim or Barky.	Push Chime \$1.49 Mother Goose dances to music.	460 Bricks \$3.49 Plastic pieces plus figures.
Big Twin Rocket Sets Soar 100 Ft. High \$4.98 Space age fun! Has two rockets, satellite fuel funnel and injection pump. Uses water as fuel. See it now at Sears.	Shootin' Shell Duck Gun Outfit \$2.69 Mattel "no hands" firing with surprise shots right from the leather belt. Has Derringer plus plastic bullet loader.	Big Wagon Train And Western Set \$3.49 Over 100 pieces Styled like TV favorite "Wagon Train" settings. Includes covered wagons, figures, accessories galore for big fun!	Plastic Trigger Horse That Squeaks \$1.99 Rich toned Authentic Roy Rogers and Trigger design, inflated horse squeaks when squeezed. Made from vinyl plastic.	Full Toned 16 Reed Easy-Play Accordion 1.99 21 x 12 in. So easy and fun to play. Has sturdy plastic coated bellows. Eight rich, full toned notes. Real musical fun gift.	Battery Powered Remco Bull Dog Tank \$5.39 Action packed..... Advances, retreats, climbs obstacles! Fires play shells, ejects empty shells. A big 13 1/2 inches long. Sturdy plastic.	2-In-1 Bowling and Shuffleboard Set \$3.99 All for just A family fun gift with 11 in. plastic pin, 2-ball bowling set and 10 ft. inlaid shuffleboard-bowling runner, more.							

"Satisfaction guaranteed or your money back" **SEARS** ROEBUCK AND CO.

JACKSON AT BIDDLE RD. — MEDFORD, OREGON
STORE HOURS: 9:30 A.M. TO 5:30 P.M.
OPEN FRIDAY AND MONDAY EVENINGS TIL 9 P.M.
PLENTY OF FREE PARKING — PHONE 5P 3-6661