

Skylab II Liftoff Scheduled Today

The first manned Skylab mission is scheduled to get underway at 8 a.m. today.

The mission plan calls for lift-off, followed by rendezvous, soft docking for a meal, and a possible standup EVA.

The launching of Skylab 2, originally scheduled for May 15, was delayed because a micrometeorite shield was ripped off during last Monday's launch of the Skylab unmanned station. This mishap damaged the Orbital Workshop solar cell array and reduced by about half the amount of electrical power available to the space station.

Mission controllers felt that with the solar panels not operating properly, the mission could be carried out for the full 28 days, but with a reduced schedule during the latter part of the mission.

The micrometeorite shield also provided thermal protection for the Orbital Workshop; its loss caused serious heating problems.

Numerous options were considered in attempts to solve the crippled space station's heating problems. One method involved scientific airlock deployment; the other, an Extravehicular Activity (EVA) from the command module.

The astronauts took off earlier this week for Marshall Space Flight Center at Huntsville, Alabama where they went through

simulations of how they would shield the space craft from the sun's rays. They left Huntsville for Cape Kennedy Tuesday night.

In a press briefing at JSC earlier this week, Life Sciences Director Richard Johnston revealed the Astronauts by name who would handle the various methods of deploying the sunshield to cool the overheated workshop:

"The stand-up EVA Weitz will perform; the development of the Marshall sail will be Joe Kerwin, and I think the pilot, Conrad and Weitz will go down and work with the deployment of the parasol or any other airlock heat shield devices."

Flight Director Neil Hutchinson explained the EVA this way:

"The SEVA is being done for a couple of reasons and I don't know which one you place more importance in, but one is to clear away any possible debris that's in the vicinity of the place we have to deploy this thing. We're not totally sure exactly how much of that meteoroid shield might be around, and of course we have to have a clean hole to go through here and a clean area to be able to deploy it. The other thing, of course, we are still hopeful we can get ASA wing 1 out."

The high temperature within
(Continued on Page 4)

FWP Coordinator Appointed

Joan Jackson, formerly a reference librarian at the Center, was recently appointed Coordinator of JSC's Federal Women's Program.

Under the Federal Equal Employment Opportunity Program (EEO), agency heads are responsible for finding out what can be done to advance the status of women in their particular agencies, for making specific plans for improvement and for seeing that those plans are put into effect.

Joan will act as the Center's contact point, source of information and advisor on matters concerning the employment of women.

A native of Washington, D. C., Joan received her B. S. degree from American University. She has completed several graduate courses in mathematics and computer science and plans to pursue a Masters in Business Administration.

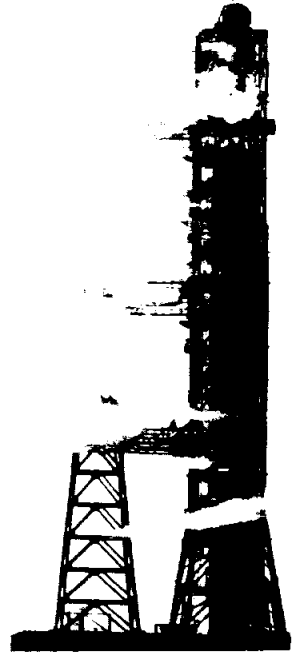
Joan has been a government employee for 17 years. She began her federal career in 1956 as a student trainee in the U. S. Naval Oceanographic Office in
(Continued on page 4)



Joan Jackson



DISCUSSING PROBLEM—The Skylab crew is shown discussing the various methods of deploying a sunshield to shade the Orbital Workshop from the Sun. The problem was caused by the loss of the micrometeorite protective shield shortly after the Skylab I launch on May 14, 1973.

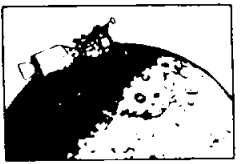


SKYLAB I AND II ON PAD—A deliberate double expose to help illustrate the comparative sizes and configurations of the Skylab I and II space vehicles at Launch Complex 39, Kennedy Space Center, Florida. The double exposure creates an illusion that the rockets are side by side, though actually they are 1½ miles apart. The Skylab I/Saturn V space vehicle is on the left. On the right is the Skylab II/Saturn 1B space vehicle.

ROUNDUP

NASA LYNDON B. JOHNSON SPACE CENTER

HOUSTON, TEXAS



Vol. 12 No. 14

May 25, 1973

Lunar Scientist Paul Gast Dies

Dr. Paul W. Gast, one of the nation's leading experts in the field of lunar geochemistry, died last Wednesday in a Houston hospital. Gast was chief of the NASA Johnson Space Center Planetary and Earth Sciences Division.

JSC Director Dr. Christopher C. Kraft, Jr., said, "Paul Gast's contribution to the success of Apollo and the subsequent scientific investigations of Apollo science data were truly outstanding. We will sorely miss his wisdom and scientific direction of our programs in the future."

"I personally feel a great loss of a close friend and most trusted colleague," said Kraft.

Another of Gast's colleagues at JSC, Dr. David W. Strangway, chief of the Geophysics Branch, said, "Paul will be remembered first and foremost as an outstanding scientist whose interest in the Earth, meteorites and the Moon led to a distinguished career in science. He was well known in the field of mass spectrometry and rare earth analysis on terrestrial and extraterrestrial



Paul W. Gast

samples.

"His insight and intuition in the application of chemistry to the study of geology will stand for many years as a pioneering effort," Strangway said.

"In more recent years, he was one of the major leaders in the Apollo Program," said Strangway. "He was an important member of the early teams that planned the science for the Apollo lunar landings and he was deeply involved in the analysis of the first returned lunar samples."

"After serving on a variety of NASA committees and as a sample investigator," Strangway continued, "he joined NASA as chief

of the Earth and Planetary Sciences Division." In this capacity he managed the scientific team that conducted the lunar program.

"Even with this enormous burden of responsibilities," said Strangway, "he was able to be a creative scientist and to publish many good papers about the Moon. There is no doubt that his aggressive and dynamic leadership played a major role in the scientific success of Apollo."

Strangway said, "Paul had known for the past two years that he had a terminal illness and it is an outstanding tribute to his strength and leadership that very few of those around him ever knew he was ill."

Prof. Gerald J. Wasserburg, speaking for a number of lunar scientists meeting at California Institute of Technology, said, "Paul W. Gast was a principal architect of the unique collaboration between NASA and the scientific community which brought about the remarkably successful scientific experiments represented by the Apollo ex-
(Continued on Page 3)

"You Cannot Spend It If You Do Not Have It"

During periods of rising costs and inflation it becomes evident to everyone that it's increasingly difficult to save money. However, more than 9½ million Americans have found an easy way to do just that—without feeling the pinch on payday—by enrolling in their company's Payroll Savings Plan for United States Savings Bonds.

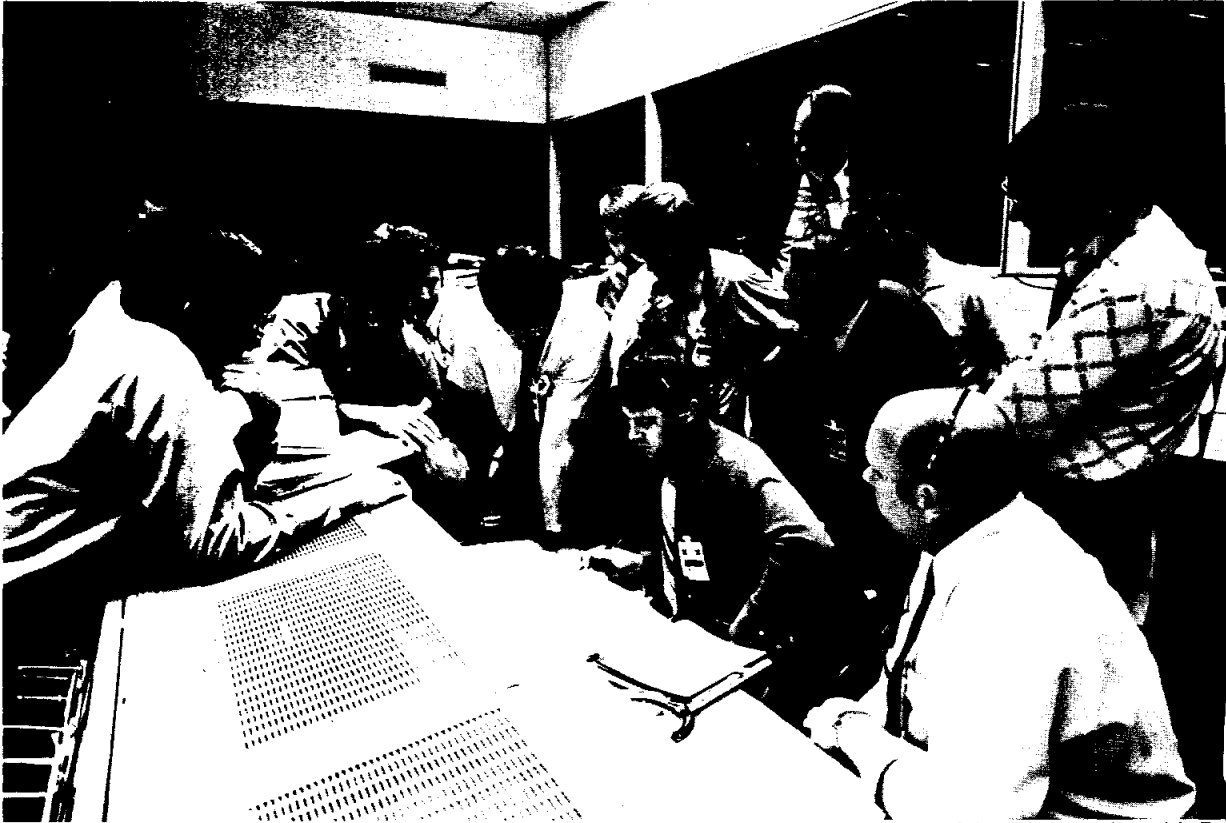
Using the philosophy of "you can't spend it if you don't have it," these thrifty Americans are working toward a savings goal—

a new home, education for their children, a comfortable retirement.

You can become one of these "thrifty savers" too—by joining the Payroll Savings Plan here at JSC.

The Take Stock In America/73 Savings Bond Drive, which will run through June 1, 1973, will give you a chance to join the millions who now save on a regular basis by setting aside a part of their earnings for Series
(Continued on page 4)

A Sense of "Togetherness" Prevails as Employees Work Hard Toward Skylab's Repair



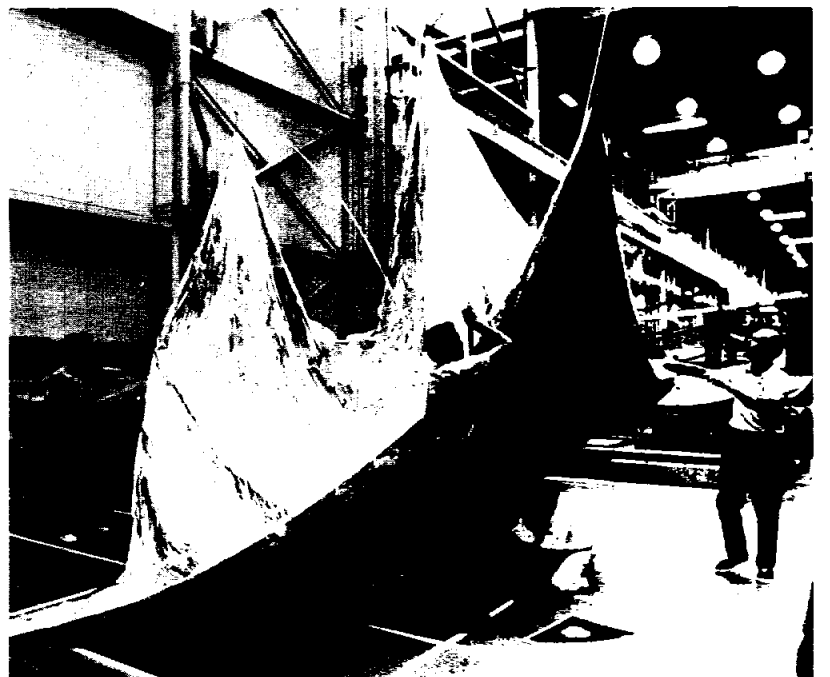
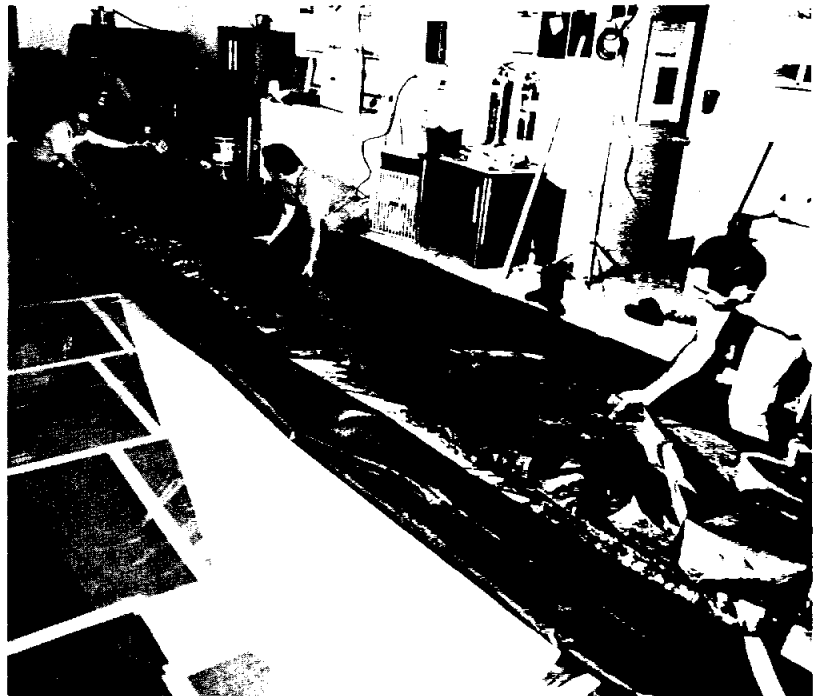
SKYLAB I MCC—A group of key flight controllers and JSC officials cluster around Flight Director Donald R. Puddy's console in the Mission Operations Control Room in the Mission Control Center at JSC during consideration of the problem of the undeployed solar panels on the Skylab I Orbital Workshop. Dr. Christopher C. Kraft, Jr. (wearing coat), JSC Director, is standing behind Puddy.



FOLDING FABRIC—Workmen in the GE Building fold fabric in the top photo. The men are, left to right, Pat Morrow, Gerry E. Wood, and Glenn Hewitt. These three men are joined by Fred Le Donne (far right) in the bottom photo.



IN MDA—The Skylab I crew is working with simulated EVA equipment in the Multiple Docking Adapter (MDA) in building 5.



HANGING PARASOL—JSC and contractor employees are shown hanging fabric in building 10 during the early stages of the parasol idea.



SKYLAB SOLAR SHIELD—A sail-like sunshade for possible use as a sunshield for the Skylab Orbital Workshop (OWS) is shown being fabricated in the GE Building across the street from JSC. The material is being fed through the sewing machine. Working on the sunshade, left to right are Dale Gentry (GE), Elizabeth Gauldin (JSC), Alyene Baker (GE), and James H. Barnett, Jr. (JSC).

ROUNDUP

NASA LYNDON B. JOHNSON SPACE CENTER HOUSTON, TEXAS

The **Roundup** is an official publication of the National Aeronautics and Space Administration Lyndon B. Johnson Space Center, Houston, Texas, and is published every other Friday by the Public Affairs Office for JSC employees.

Editor: Janet Wrather Photographer: A. "Pat" Patnesky

Gast —

(Continued From Page 1)

plorations of the moon. His individual participation in analytical studies and his over-view of the searches from many disciplines permitted him to make first-order contributions to our understanding of planetary evolution in our solar system," Wassergburg said.

"Gast is known for his model for the accretion of the moon and its subsequent history. He developed a theory of the origin of the earth and the moon based on understanding chemical variations in the abundances of potassium, rubidium, uranium, and the rare earth elements. He vigorously pursued his scientific interests and professional responsibilities until a few weeks before his death."

Gast joined JSC in January 1970, coming from Columbia University where he was professor of geology. Gast obtained his B.S. in chemistry at Wheaton College, Illinois, in 1952. He earned his master of arts and PhD degrees from Columbia. Prior to joining the Columbia faculty, Gast was for seven years professor of geology at the University of Minnesota.

Gast was responsible for supervising the analysis of lunar samples returned from the Moon in Apollo missions as well as taking part in planning lunar landing missions. He was author of numerous scientific articles in the field of geochemistry published in scientific journals around the world.

Gast was born September 11, 1930, in Chicago, Illinois. He leaves a widow, the former Joyce Rinehart of St. Louis, Mo., two sons, Mark 17, David 14, and a daughter, Judith 15. The Gast's live in Seabrook, Texas, near Houston and the Johnson Space Center.

JIMMY WARREN MEMORIAL LEAGUE

May 17, 1973

Team Standing	W	L
*Hexes	84	48
Pin Pounders	77	55
Jokers	77	55
Ascenders	76	56
Spouters	71	61
Strikeouts	70 1/2	61 1/2
Clowns	68 1/2	63 1/2
BallBusters	66	66
Chokers	63 1/2	68 1/2
Fabricators	61 1/2	70 1/2
Alley Oops	54 1/2	77 1/2
Hertz	54 1/2	77 1/2
Masters	52	80
Team 9	48	84

Individual Scratch Highs

Games	Name	Set
258	Chic Chicone	627
235	Bob Lacy	608
226	Dan Kennedy	606
236	Ron Tunnicliff	596
237	Al Spivy	
232	Ray Wilson	

Roundup Swap-Shop

Swap Shop advertising is available to JSC and on-site contractor personnel. Articles or services must be offered as advertised without regard to race, religion, sex or national origin. Ads should be 20 words or less, including home telephone number. Name and office code must accompany, but need not be included in ad copy. Typed or printed copy must be received (AP3 Attn: Roundup) by Thursday of the week before publication.

MISCELLANEOUS

Stenoret Execumatic recorder w/ dictating kit and accessories, \$150, Reid, 488-3187.
 Car stereo tape player w/FM-AM Multiplex radio, \$50, Reid, 488-3187.
 Removable U-Haul-It type, \$20, 337-2078.
 Sears Kenmore, sewing machine, newly refinished cabinet, \$45, electric guitar and amplifier, cost \$150, sell for \$45, Lynn, 921-2793.
 8' x 11' area rug made from tweed multi-colored carpet samples, bound edge, waffle pad incl, \$35, Chimenti, 333-3897.
 G. E. refrigerator, \$35, maple dining set, \$60, formal dining set, \$100, bedroom set \$100, 538-1668 aft 5 p.m.
 Golf clubs, gd starter set 3-9 irons, 2 and 3 woods, putter, and bag \$50, aft 5:30, 473-9339, Duke.
 Stereo amplifier, Eico HF81, \$25, Mono FM tuner, \$20, Eico HFT-90: both for \$40, xint cndn, Zrubek, 333-2549.
 Sears Coldspot refrig freezer, 17 cu ft, 180 lb freezer, yellow, \$85, Bruce, 944-3166 anytime.
 30 sq yds beige carpet, \$20 or 66c yd, 488-2713.
 Join Piger Cub (J-3) Flying Club 1.6 interest available, Patterson, 554-2792.
 Ham gear: Swan 240, clean, air, D.C. supplies, mike, \$175, Lindsey, 488-0517.
 RCBS Jr. reloading press, 38 spl. dies, auto primer feed, misc extras, \$20, 488-3966.
 Magazine rack, bic wrought iron, basket-shaped, \$5, 333-3402.
 Baby playpen, auto, swing, jumper seat, \$5, ea, baby bd w mattress, \$8, Playtex nursing unit, \$2, Baseball pitchback, \$5, 471-2646.
 55 pop-up camper, \$350, lrg vinyl lug carrier, \$20, 10 shrimps net, \$25, 941-0489 or 944-5680.
 Surfriders Challenger Custom built surfboard, 7', hardly used, cost \$200, sell \$100 or bst offer, 944-0167 aft 5 or wkends.
 Arus 500 slide projector, model 58 w/ f 3.3 lens, spare bulb and 38 magazines, 36 slide capacity, \$40, Lattier, 534-2756.
 Auto air conditioner under dash, Frigiking w/ York compressor, Senter, 482-7835.
 Serti sun lamp, new adjustable floor model, no timer, \$8, x 3138.
 Redwood patio furniture, never been used, chaise lounge, 2 chairs, 2 small tables and cushions, moving, \$80, 483-2381.
 Columbia bronx power prop for 40-45 hp outboard motor and 5 gallon gas tank, \$10 each, 554-3881, Waddell.
 2 mud and snow tires, size 650-13, few miles, \$10, G. E. washer, works but nds repair, free to anyone who'll move it, Harpoint dishwasher, xint, \$40, Spirey, 488-0369.
 Remington model 99 printing calculator, NASA surplus dual column accumulator operations, constant storage multiplication, \$75, Kilbourn, 482-7879.

WANTED

Backpacking camping gear and/or canoe, Quinn, 332-3216, aft 6.
 Blind JSC employee needs ride to work from home in J of H area, x 6156 or 921-7565, Paul Richardson.
 Reasonably priced portable electric typewriter or will trade IBM electric standard w/ table, 554-7140.

VEHICLES

68 Montego wgn, a.c., 2 s. powr disc brakes, lug rock engine rebuilt, 20,000 mi aq, \$1000, Christensen 488-5619.
 70 Ford Maverick, nail damage, \$650, get work car, Al Corneils, 1-575-1248 (Baytown).
 65 Chevrolet Malibu sta wgn, V-8, auto, 6 pass, runs pft, \$350, Smith, 488-3238.
 19' Openroad Camper, fully self-contained, tandem wheel, tyrbear air, 70, \$2700, 946-1708 or 946-9670.
 71 Honda 450, xint cndn, owner must sell, Perry, before 1: 483-7733 aft 5, 538-1039.
 Honda CT 70 mini cndn, low mileage, \$225, 946-7480.
 62 Falcon, recent overhaul, nvy tires, runs well, \$295, McNeels, bx: 3946, 482-1549.
 69 Chev-LWB-CIC, Feetside P V, 2-ton, 330 V-8, auto, fact pl, ss sb radio, low mileage, 2 new tires, xint snaps, \$1700, Vance, 483-5293.
 70 Ford truck, \$1700, Senter Custom, \$300 cu in, 6 cyl, overdrive, cr roads, some rust, xint mech cndn, set up for air, 945-7893, Texas City.
 70 VW campmobile, pop-top, AM FM, sleeps 5, new tires, xint cndn, \$2095, 332-1092.
 Schwinn 20' boys bike, banana seat, gd cndn, \$15, Norris, 334-1777.
 72 Chrysler sta wgn, all pwr, all delux, full trailer pkg, \$4200, Smith, 471-5196 aft 6 p.m.
 8' cab ovr pickup camper, sleeps 4, ice box, ovr, jacks tie down, tunnel, \$395 or make offer, Lauster, 488-5192.
 67 3/4 ton pu and 10 and half ft self contained cab ovr camper, both fully equipped many xtras, 554-3881.
 71 Chevy pu, V-8, half ton, LWB, only 15,000 mi, sell w/ or w/o camper, 482-3824.
 72 West Field 71 Wards tent trailer, li new, used twice, mattresses, carpet, spare tire, \$350, Humphres 485-1486.
 Take up payments on '73 Ford Pinto, air, auto, 332-3679 aft 6 pm.
 72 Kawasaki 175 cc, adult owner, gd cndn, helmet incl \$475, 481-2586.
 Trailer-tent camper, pop-up hardtop, vinyl covered nylon, sleeps 4, \$350, Crea, 488-3489.
 For rent, 72 Jayco hardtop fold-down camper, kitchen, ice box, sleeps 8, \$10 per day or \$57 per wk, (\$25 minimum) Kilbourn, 482-7879.

PROPERTY AND RENTALS

Between Friendswood and Alvin, 2.9 acres, Friendswood school district, Senter 482-7835.
 4-2-2 El Lago, custom built, beautifully landscaped Old English house, many xtras, White, 334-2289.
 3-2-2, garage detached, lrg bk yd w/ chain link fence, 1 bic fram water, quiet subdivision, Wildwood, Seabrook, 474-2138.
 Dickson, custom-built home in Pines, 3-3-2, Bayou access, easy access to Freeway, shop area, fenced, new carpets, paint, 534-3665 or 474-4722.
 Clear Lake Forest, contemp, 4-4 1/2-2, 2500 sq ft, 8 mos, old, cathedral ceiling family rm, wet bar, trees, \$5800 equity, 334-4466.
 2 1/2 acres between Alvin and Pearland, 2 mi off highway 35, 477-1663 aft 6 p.m.
 Lake Livingston, wooded waterfront lot in Point Lookout, 75x137, utilities, \$3295, 946-7587.
 Jamaica Beach, weekly rental, modern, comfortable, immaculate, cntrl air on canal, private dock, compltly furnished, Harvey, 621-5311.
 Nassau Bay, Spanish, 4-2 1/2-2, 2450 sq. ft front court yd, screened bk patio, wooded lot, \$49,500, 488-3353 days 333-2880 evenings and wkends.
 League City, near high school, tennis courts, ball fields, 3-2-2 ovr 1500 sq ft, gd cndn, under \$23,000, 554-2645.
 El Lago, 4-2-2 custom built, fireplace, cedar fence, beautifully landscaped, many xtras, 334-2289.
 5 bedroom 2 bath, Arlington Heights by owner, 2300 sq ft plus boat camper storage, near all schools, McConnell 941-0489 or 944-5680.

HOUSEHOLD ARTICLES

Magnavox stereo record player and radio, xint cndn, beautiful cabinet, White, 334-2289.
 Refrigerator, top freezer, \$150; 2 sets bunk beds, \$50 ea, dbl bed, \$50, lawnmower, \$20, 488-1208.
 Westinghouse lightweight portable air conditioner, 5000 BTU, used 2 mos, reasonable, 944-0167 aft 5 or wkends.
 71 quality 8 ft pool table and accessories, 7 8 inch solid slate, 100 lbs, prftc, \$495, 481-2739.
 Spanish red couch and chairs, li new, \$75, 944-6174.

PETS

Riding horse, ideal for high school age riders, \$160, Smith, 585-4957.
 Free kittens, very playful, 482-3964 or x 6431, Gerri.
 Free, 5 mo old black kitten, male, 488-4251.

Blood Program Withdrawn

R. W. Winfrey, Regional Manager of Blood Services recently informed the JSC Blood Committee that Blood Services of Houston has withdrawn the blood deposit program in which Center employees have participated since 1966.

The following statements should answer most of the questions employees will have concerning status in the program:
 —The JSC Blood Bank has enough blood credits to continue operation until April 1, 1974.
 —Each participating member

(Continued on Page 4)



SKYLAB PROGRAM OFFICIAL EMBLEM—The official Skylab Program Emblem depicts the United States space station in Earth orbit with the Sun in the background.



SKYLAB PREFLIGHT ACTIVITY—The three prime crewmen (above) of the first manned Skylab mission are briefed in the Skylab Multiple Docking Adapter (MDA) simulator in Building 5 during Skylab II preflight training at JSC. The training Personnel are wearing face masks to protect the three astronauts from possible exposure to disease prior to the Skylab II launch. The crewmen are (l to r), Charles Conrad, Jr., Joseph P. Kerwin and Paul J. Weitz. Below, Conrad, right, and Kerwin, left, are in the forward compartment of the OWS.



KARATE CLUB—Pictured above are members of the first JSC Karate club. On the first row are (l to r) Howard Renfro, Hubert Brasseaux, Bryan Hawkins, Don Alcorn, Janice Voss, Barbara Newton, Bill Wedlake. On the second row are (l to r) Y. Koo Lee (instructor), Dick Hergerts, Vernon Shields, Bob Doughty, Roy Seals, Mike Castigan, Paul Schumacker and Bill Middleton. Not pictured are Lynn York (taking picture), Floran Hopson and John Bowles.

FWP Coordinator

(Continued From Page 1)

Washington, D. C., and consequently studied ocean currents in the Bahamas. Joan joined JSC as a reference librarian in 1966 and served in this capacity until she assumed her present duties.

The overall objectives of the FWP which Joan pointed out include:

—recruiting and hiring of qualified women.

—placing women in jobs which offer them advancement in line with their abilities and ambitions.

—counseling women about opportunities and encouraging them to plan a career.

—communications — among agencies, between women's groups and the FWP and between the FWP and management.

—development and use of statistical information, to assess employment trends and to evaluate progress of women.

—promoting education and training to enhance the employee's opportunity for advancement.

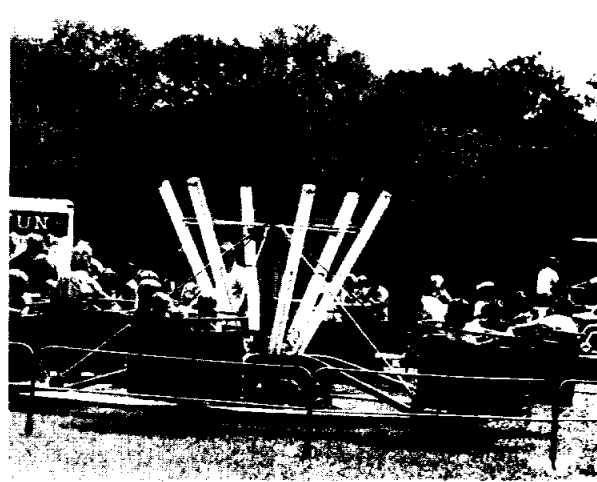
—the concept of Upward Mobility—at all levels. This involves getting women trained to do higher work.

"There are many women at the Center in 'dead-end' position's," Joan stated, "If a woman has the potential to move ahead, she should be given every opportunity to develop that potential."

Joan has received the Sustained Superior Performance award at JSC. She has been actively involved with civic and community organizations, is a member of AFGE Local 2284 and is secretary of EAA.

Presently, Joan is considering the idea of establishing a women's committee whose purpose would be to pinpoint the problems of women at the Center. Women interested in serving on the committee should contact Joan at 483-4831.

Remember Last Year's Picnic?



All This and More In September '73!



You Can't Spend It

E Bonds.

Sometime during the campaign, one of your fellow employees on the Bond committee will contact you to describe the advantages of setting aside part of your pay for Series E Bonds. Then the decision to join this great thrift plan is up to you.

Many men and women at JSC have found over the years that the Payroll Savings Plan is one of the simplest and soundest ways to save.

As you already know, Series E Bonds issued now have improvements that add to their fine qualities as an investment for your future financial security. Series E Bonds pay 5½ percent interest compounded semi-annually, when held to maturity; they mature sooner, in 5 years and 10 months, and earn more than in the earlier years.

Added to these improvements are the continuing features that

(Continued From Page 1)

have made Savings Bonds one of the most popular investments ever known—their absolute safety, guaranteed rate of return through the life of the Bond, and protection against loss, theft or destruction.

There's no reason to fear the future if you help make it financially secure with Savings Bonds. They're ideal not only for the rainy days but for the sunny days—for the home you would like to buy, the college education you plan for your children, for the time when you hope to take it easy.

When you buy Savings Bonds regularly you can truly say that you are helping to provide for own future and are adding to the economic strength of our country.

Tragedy Strikes Again

Tragedy has again struck the family of Harry Byington of JSC's Engineering Office, Orbiter Projects.

Three children, Margie, 15, Mark, 12 and Daniel 8, were killed in an automobile accident on May 17.

His wife is in critical condition in Ben Taub Hospital. An older son David was killed in an automobile accident in January.

A Byington Memorial Fund has been established and contributions may be forwarded to Ogie McCommis, room 462, Bldg 2, ext 4488.

Blood Bank—

(Continued From Page 3)

will be fully covered for one year from the date of his last donation.

—Each non-participating member will be fully covered for one year from the date of his last donation.

—A participating member cannot extend his membership by donating a pint of blood nor can a non-participating member change his status (All donations into the program ceased on April 1, 1973).

—Special blood drives to offset the cost of blood can no longer be handled through Blood Services of Houston.

—There are some hospitals that accept replacement credits to offset the cost of blood, however, this must be handled directly with that particular hospital.

—The JSC Blood Bank Committee is currently seeking another organization that will offer us a similar blood deposit program. If one is found we will continue to operate, however, if one cannot be found our program will cease to exist on April 1, 1974.

—Information on individual plans through Blood Services of Houston may be obtained by calling 529-5701.

—Questions or problems concerning the JSC Blood Bank should be directed to Lester Wynn Ext. 3427.

Lockheed Receives Subcontract

Lockheed Missiles & Space Company, Sunnyvale, California, was recently named as the subcontractor to fabricate an important part of the Space Shuttle orbiter's external insulation system.

Award of the subcontract was announced by Rockwell International Corporation's Space Division, which is developing the orbiter and integrating the overall shuttle system under contract to the National Aeronautics and Space Administration.

The subcontract will have peak year funding of about \$8 million and will be in effect for several years. Details of the agreement are being negotiated by the two companies.

The insulation Lockheed will develop is called high temperature reusable surface insulation. It will be put on those portions of the shuttle's payload-carrying orbiter craft that will be subjected to heats ranging from about 650 degrees to 2,300 degrees F. during launch, orbital operations, and entry.

Employee Receives Honor

E. P. Mike Riley, an Engineer in JSC's Quality Assurance Division, has been elected to the status of Fellow of the American Society for Nondestructive Testing (ASNT).

The honor was bestowed on Riley for the outstanding contributions he has made to the nondestructive testing industry over the years. As a Fellow, his name will be permanently inscribed on the rolls of the Society, and a certificate will be presented to him at the annual meeting of the Society to be held October 1, in Chicago.

A native of Clarksburg, West Virginia, Riley worked for the Navy from 1949 to 1964. He joined NASA at Downey, California in 1964 and came to JSC in 1970.

Riley has been actively involved with ASNT for many years and is presently a national officer serving as Vice-Chairman of the Industrial Division.

Skylab

(Continued From Page 1) the habitation area caused some concern about possible food spoilage. Richard Johnston said Tuesday that he had tested foods that were exposed to similar high temperatures and anticipated no problems with the food on the space station.

The crew will sleep in the Command Module for at least the first two nights and are scheduled to spend Saturday morning checking the workshop for contamination.



HAND PAINTED CAKE?—The personnel of the Scientific Computing Branch (FD3) and the Mission Integration Branch (FM2) of the Flight Operations Directorate celebrated the launch of Skylab I on launch day by a special order of hand-painted cakes that exactly duplicated the official emblem of Skylab I. The cake pictured above was created by Mrs. Wanda Buchanan of Angleton, Texas at the prompting of her daughter Cathy, a secretary for FM2.