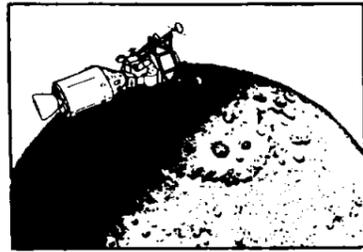


ROUNDUP

NASA LYNDON B. JOHNSON SPACE CENTER

HOUSTON, TEXAS



Vol. 14 No. 6

Friday, March 14, 1975



Throughout NASA . . .

LANDSAT

Zaire will build the first ground station in Africa designed to receive Earth resources data directly from NASA's LANDSATs (originally ERTS) under an agreement recently announced in Washington, D.C. The new ground station to be built by ERTS-Zaire near Kinshasa, will be able to obtain data from LANDSATs 1 and 2 as they pass within 3,000 kilometers (1,800 miles) of Zaire's capital city.

B-57

NASA's Flight Research Center, Edwards, California, is flying a specially instrumented B-57 aircraft to gather detailed air turbulence measurements.

Devices on board the aircraft will measure the amount of energy in the various turbulence samples. Data from the flights will be analyzed by the Langley Research Center for use in de-

Sir Frank Whittle To Visit Center

Air Commodore Sir Frank Whittle, one of the world's foremost pioneers in aviation will visit JSC March 17, and will speak at a meeting of the AIAA which will be held at 8:00 p.m. at the Gilruth Recreation Center.

A graduate of the Royal Air Force College, Sir Frank became interested in the possibility of jet propulsion for aircraft in the late 1920's. Overcoming a myriad of problems, he gained support for his ideas and pioneered the development of the first Jet Engine Power Plant and the first successful jet-powered aircraft in England during the late 1930's and early 1940's. He was also the originator of the turbo-fan and aft-fan jet engines.

At the AIAA meeting, Sir Frank will focus on the historical development of the jet engine, current trends in aviation and future prospects for Supersonic Transport aircraft. The AIAA extends an invitation to the public to attend this event.

signing future aircraft to insure safe flight in turbulent air.

Solar Probe

NASA's Orbiting Solar Observatory 5, originally intended to operate for a year or two, has begun its seventh year in orbit around the Earth. One of OSO-5's principal tasks is to obtain data on the frequency and extent of eruptions occurring on the Sun's surface, which affect Earth's environment, weather and communications.

Jupiter

Water vapor has been detected for the first time deep in the atmosphere of Jupiter. The discovery was made from NASA's
(Continued on Page 4)

ADDRESSING EMPLOYEES—Cosmonaut Aleksey A. Leonov addresses Center employees in the Building One Auditorium prior to the departure of the Soviet Delegation February 28 and March 1. Leonov is the Soviet Commander for the Apollo-Soyuz Test Project scheduled to get underway July 15. Nicholas Timacheff, Russian Interpreter, stands to the left of Leonov. Dr. Kraft, ASTP crewmen, and other Center officials are seated to Leonov's right.

ASTP Countdown . . .

Crewmen for ASTP recently outlined mission training progress to JSC employees and thanked them for their support. Held in the Center's Auditorium, the meeting was the final pre-flight public appearance in the U.S. by Soviet cosmonauts Aleksey A. Leonov and Valeriy N. Kubasov. Apollo crewmen Thomas P. Stafford, Donald K. Slayton and Vance D. Brand unveiled their crew insignia at the meeting.

—The Apollo crewmen currently are performing rendez-

vous, launch, and undocking and separation simulations. These simulations are scheduled to end next week.

—Joint simulations are scheduled to start March 20 and will end March 28.

—NASA officials have decided to replace all eight fins on the Saturn 1B launch vehicle scheduled to carry the Apollo spacecraft that will rendezvous with the Soviet Soyuz. This resulted from an inspection that revealed a hairline crack about one inch
(Continued on Page 3)

Flemming Award Presented To Dr. Leach

Dr. Carolyn S. Leach, head of the JSC Endocrine and Biochemistry Laboratories of the Biomedical Research Division, received the Arthur S. Flemming Award February 27 at ceremonies in Washington, D.C.

Sponsored by the Washington Downtown Jaycees, the award is made annually to ten outstanding young men and women in the federal government, and is named in honor of Dr. Arthur S.

Flemming, a former U.S. Civil Service Commissioner and Secretary of Health, Education and Welfare from 1958-61.

Dr. Leach was cited by the award for her contributions in research into biochemical effects on man of sustained flight in the weightless environment of space. She had earlier received the National Civil Service League's 1974 Career Service Award for special achievement in October

for her role as principal investigator for the Skylab life sciences biochemistry experiment.

Other Flemming Award recipients at JSC in past years were Glynn S. Lunney, Maxime A. Faget, George M. Low, Christopher C. Kraft, Jr., Wesley L. Hjernevik, Joseph F. Shea, John D. Hodge, Neli A. Armstrong, Eugene F. Kranz, Lynwood C. Dunseith and Harrison H. Schmitt.



FLEMMING AWARD—Dr. Carolyn S. Leach proudly displays the Arthur S. Flemming Award she recently received. Also in the photo are Peter J. Brennan, Secretary of Labor, far left, Dr. Arthur S. Flemming and Peter J. Williams, Chairman of the Flemming Awards Commission.

JSC Projects Big Gasoline Savings

Center officials have projected that approximately 30,000 gallons of gasoline will be saved annually as a result of the change in transportation services implemented at JSC.

The transportation system was changed last December as a result of the national energy shortage and current budgetary constraints. Two shuttle buses began operating to accommodate personnel requiring transportation to and from facilities in the areas generally bounded by 5th Street on the West and 2nd Street on the East, and the JSC taxi service, which previously had been the main source of transportation, was altered to operate between points within the busing area and outlying on-site and offsite locations only.

Records show that during January and February, 6,000 passengers utilized the shuttle busses which circle the Center every 24 minutes, traveling in opposite directions; and over 22,000 passengers were transported by taxi with 85% being picked up within 10 minutes after their call for service.

Roy Brazil, Transportation Management Branch, said a major factor contributing to the excellent response is the "outstanding cooperation of employees."

Shuttle bus schedules denoting departure times in both directions are posted in all buildings for the convenience of Center employees who use this system.

New Film Catalogue Available To Loan

The Photographic Technology Division (PTD) Audio Visual and Motion-Picture Production Office, JL131, has released an updated catalogue of 16-mm films available for loan for group showings.

Requests for the catalogue should be made to the Film Distribution Library, 333-4980.

Ralph Gonzalez: An Employee "Involved"

When Ralph Gonzalez's work as an engineer in the Shuttle Program Office ends each day, his responsibilities as a Friendswood City Councilman begin. He says his "trouble-shooting" experience as an engineer has given him "added confidence" in working with community problems.

Gonzalez was elected to the Council in 1970; he was re-elected in 1971 and again in 1973, serving as mayor pro-tem from 1972-1973. As a Council member, he helps set policies in governing the city. He has a voice in major decisions on capital improvements for the city, and plays an important role in the adoption of city ordinances to

regulate area development.

"Running the city is a complex responsibility. Problems are always changing, and there's never an end to the daily problems which arise," Ralph commented. "Although the work is time-consuming, it is very gratifying to see solutions to problems being implemented."

Gonzalez stated that Council members are sometimes contacted on an individual basis, "I'm subject to get a call from a citizen at anytime who has an idea or a problem which he/she feels warrants immediate attention. You must be prepared to 'do your homework' on the situation before presenting it to the Council for consideration," he said.

The Council meets twice a month on an official basis; however, unofficial meetings are often scheduled for workshops or "pressing problems."

Gonzalez recently was elected President of the Galveston County Mayor's and Councilmen's Association, a position usually held by a mayor of a major city. This association is involved with such issues as flood control protection and land subsidence in the Gulf Coast area.

He says the primary objective of the Mayor's and Councilmen's Association during his term in office will be to enact legislation at the state level that will provide for the creation of a Harris-Galveston County Coastal Subsidence District which will control underground water withdrawal to stop subsidence.

He was part of a delegation that recently rode a Goodyear Blimp over the Clear Creek area to assess the potential environmental impact on the area of three flood control plans recommended by the U.S. Corps of Engineers.

His wife Margaret also participates in community activities and his children are becoming aware of civic issues. "We like to be a family that's involved," he said.

Gonzalez received his B.S. in Aeronautical Engineering from Texas A&M University. He has continued graduate work in engineering at the University of Southern California and in physics at the University of Houston.



ACTIVE EMPLOYEE—Ralph Gonzalez, right, employed in JSC's Shuttle Program Office is active in many community activities including serving as a Friendswood City Councilman and as President of the Galveston County Mayor's and Councilmen's Association. Gonzalez and Galveston County Judge Ray Holbrook, left, discuss a subsidence bill which they hope will be enacted at the state level.

Announcement

The Administrator of NASA and Mr. Joseph M. Hogan, formerly Director of the Contractor Equal Opportunity Program for NASA, have settled the discrimination complaint and law suit brought by Mr. Hogan. As a part of the settlement, it was agreed that the following information concerning the dispute would be provided to all NASA employees.

Mr. Hogan has accepted a position with the Defense Supply Agency as Chief, Field Operations Division, Office of Contracts Compliance. In this position, Mr. Hogan will provide leadership to Department of Defense field offices responsible for assuring that Government contractors comply with the national policy of equal employment opportunity.

Mr. Hogan entered service at NASA in 1969 to develop and lead NASA's program for contractor compliance. He designed, organized and managed the program from March 1970 to October 1973. During the period of his leadership, minority employment by NASA contractors was increased from 9.3 percent to 14.5 percent, despite a decrease in total jobs of 7.9 per-

cent. Increases were especially significant in the Managerial, Professional, Office and Clerical categories. The employment of women increased from 15.7 percent to 17.5 percent, not withstanding the decline in total employment.

In the fall of 1973, a dispute arose in the Office of Equal Opportunity Programs. In a report submitted to the Administrator on September 21, 1973, Mr. Hogan sought several changes which he considered essential to the success of NASA's EEO program, including among other things the reassignment of the head of the Office of Equal Opportunity Programs. Management did not accept the recommendations on the terms proposed. The Administrator, noting the apparent disunity within the Office of Equal Opportunity, decided to reassign Mr. Hogan, effective October 15, 1973, to become Industrial Compensation Officer in the Office of Industrial Relations. Mr. Hogan in his discrimination complaint sought reinstatement on the ground that this transfer was in retaliation for his advocacy of the program changes; how-

(Continued on page 4)



WELCOME ABOARD—Pictured above is Liz Morrison who recently joined JSC's Security Police Force. A native of Granite City, Illinois, Liz is the first female to hold a position as a JSC Security Guard. Another female, Deborah Sims, was hired this week.



LOUISE BARRINGTON

Employee Dies

Louise Barrington, formerly employed in the Center's Financial Management Division, died recently, following an extended illness.

Mrs. Barrington joined NASA as a Voucher Examiner in the Commercial Accounts Unit of Financial Management and subsequently held the position of Supervisory Accounting Clerk. In 1964, she was assigned Operating Accountant of the Accounting Control and Reports Section and served in this position until her death.

Mrs. Barrington was a member of the Federal Government Accountants Association and served as a member of the JSC Credit Union Supervisory Committee.

Survivors include three children, Loretta, Linda and Tommy.

EAA Attractions

TABLE TENNIS

The JSC Table Tennis Club is planning its 1975 activities, some of which are open to all EAA members. One such event is the Table Tennis Ladder. Doug Burns at the Gilruth Recreation Center (Rm. 123, X3594) is now accepting entries for the ladder in both singles and doubles. Sign up now and Doug will provide ladder rules for challenging those players on higher ladders.

Another event open to all EAA members is the table tennis tournament which will be held March 22 at the Recreation Center. The tournament will be a single elimination event and will have a consolation bracket for first round losers. Entry fee will be nominal.

Trophies will be offered to the top finishers. Only the first 32 entries will be accepted. If interested, contact either Doug Burns or Stephen Jacobs, X3561.

The JSC Table Tennis Club features open play at the Gilruth Recreation Center; dues are \$1 per year.

RESULTS

The results of the first tournament held by the JSC Table Tennis Club this year are: Men's Advanced Singles, first place, Dan Voss, second place, Gid Weber, consolation Hhiroshi Nagasawa; Men's Advanced Doubles, first, Jeff Lacy and Ed Tribble, second, Gid Weber and Tom Weber; Men's Intermediate Singles, first, Mark Belcher, second, Frank Newman, consolation, George Damoff; Men's Intermediate Doubles, first,

Mike Stutesman and Steve Yates, second, Floyd Avey and Bernie Ellison; Women's Advanced Singles, first, Tracy Blumentritt, second, Betty Weber, consolation, Ruth Damoff; Women's Intermediate Singles, first, Janeen Brown, second, Kit Michels, consolation, Ruth Fruland.

Tournament chairman is Doyle Boren.

TICKET CORNER BUILDING 11

Sports; Houston Aeros Hockey, All season \$4.40, Houston Rockets, present EAA Membership Card at Hofheinz Pavillion Will-Call Window for \$1 off all price tickets, Houston Astros Baseball, tickets will go on sale soon. Reserve, \$3.15, Box \$4; Special Places of Interest: Sea Arama, yr around, adults \$3, children \$2, Disney Magic Kingdom Cards, free, Lion Country Safari Cards, free; Dinner Theatre, Plays: Dean Goss Dinner Theatre, \$16 couple, Windmill Dinner Theatre \$14 couple, only 50 tickets available thru March 30, do not call Windmill Theatre for more tickets. "Here Lies Jeremy Troy: a Comedy, Fiddler On the Roof, Music Hall March 14, 8:30 p.m. \$595 orchestra section, only 112 available; Other Attractions: JSC Children Easter Egg Hunt, \$1 March 15, only 500 available, Astroworld, tickets will go on sale soon, \$4.50 all tickets; Ladies Open Golf Tournament, through March 16, \$6.50.

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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

Meester Builds Sailplane For "Ultimate Flying Fun!"

"It launches somewhat as a kite would, but it's a lot more fun," says Gary Meester in describing the sailplane he built essentially from 'scratch.'

Employed in the Shuttle Program Office as Project Manager for the Long Duration Exposure Facility and other Shuttle free-flyers, Gary began assembling his sailplane in 1968 while assigned to the White Sands Test Facility in New Mexico. It was completed in 1971 and was first flown when he moved to the JSC area that same year.

He had a companion in this venture, Bob Carver (ND), who built a sailplane over the same time period. Meester and Carver had flown power aircraft before and realized they were flying essentially for recreation, "And the ultimate fun you could possibly have flying would have to be in a glider," Meester related.

They spent about 25 hours a week on the vehicles, the parts having been checked out by the Federal Aviation Administration. Built from published plans, the wing-span of the sailplanes measures 54 1/2 feet and the glide-ratio is thirty-six to one (for each foot lost in altitude, sailplane moves ahead 36 feet). The wings are removable and the sailplanes are transported in trailers which the men also built.

Meester says besides their flying experiences, they have learned about other things, including meteorology. Their wives, Helen Meester and Peggy Carver, have also learned a great deal, partic-

ularly about "takeoffs and landings." They usually compose the "ground crew" who get the sailplanes started by "running the wing" until the planes accumulate enough speed to balance on

a single wheel aerodynamically. The sailplanes generally are towed behind an airplane with a 250 foot rope or by an automobile and a 1500 foot rope, "Kite-fashion." Once airborne, the pilot

searches for rising air currents, or thermals, and spirals upward like a buzzard, until the desired height is reached. "If you fail to find these vertical winds, you're on your way down before you know it," said Meester.

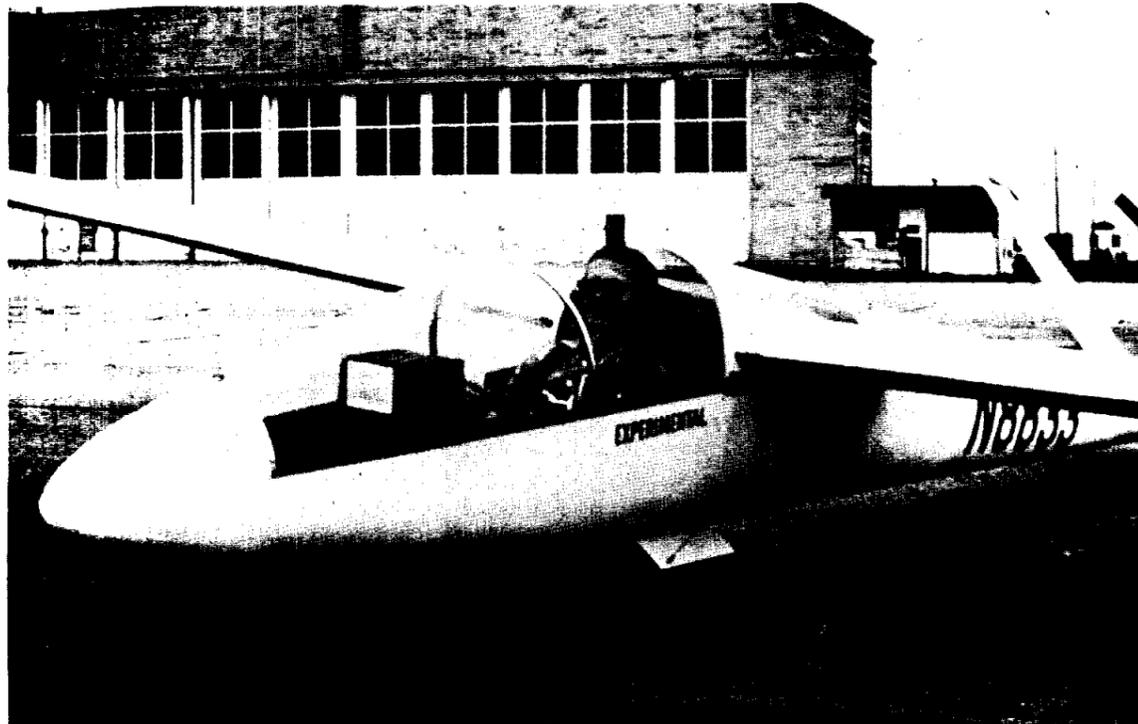
"Yes, we occasionally make 'unscheduled landings,' however, if you're trained properly, it's relatively simple to find some ground and land off-field. That's part of the sport of it. Then, it's merely a matter of calling up the 'ground crew' and saying 'here I am, come and get me!'"

Meester flew a little over 40 hours in the JSC area last year. His maximum altitude in this area is 7500 feet above ground and his longest flight of 208 miles lasted five and one-half hours.

He has discovered other JSC employees interested in sailplanes including Harold Shelton (EG) who owns a sailplane and sometimes accompanies Meester and Carver in their soaring adventures.

Currently, Meester and another Center employee, Jim Akkerman (EP), are working on a self-launch system to be installed in the plane. The system will be a retractable, modified go-cart engine which will allow the vehicle to get started without the help of an airplane or an automobile.

The Meesters live in League City with their four children Maria, Ava, Deanna and Linda.



GETTING READY—Gary Meester is ready for the takeoff in the sailplane he built from scratch over a three and one-half year period. The wing span of the aircraft is 54 1/2 feet and the wings are removable.

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

- 13 diamond dinner ring, \$375, 74 encyc Britannica, \$450, \$90 Binks spray gun (no pot) \$45, 5 drums, 2 cymbels, \$290, 488-1846, 482-3629.
- 2 President's First Lady Spa, one-yr contracts for sale at reduced price, Fischer, 472-6910, X2177.
- Violin, Meisel, 3/4 sz xlnl tone, cndn, \$60, Bernhard, X4461 or 488-0549.
- Brittanica's Great Books of the Western World, 75 plus volumes, hardbound, xlnl cndn, \$300, Symes, 554-6102.
- Martin 0028 guitar, \$300 w/ plush lined case, Gorman, X5886.
- TR-3 wh w/ Dunlap tire, yours if you come and get it, 333-3071.
- Kenwood K1-2001 AM-FM/MPX tuner w/ case, xlnl \$65, Pioneer SA 5200, 30 watt stereo amp, prfct, \$85, Musgrave, 488-3966.
- Flying Club membership, fly Cessna 150, 172, 177A and Piper Arrow, Nieder, 2276 or Ward, 6104.
- Will trade camera lenses for other lenses, all Pentac, Redmon, 5111 or 667-6919 aft 6.

VEHICLES

- Men's 10-spd bike, Sears free spirit mosel, xlnl cndn, \$45, 481-3900.
- 71 Triumph 250 motorcycle, xlnl cndn, \$375, Eubanks, 534-3651 aft 5.
- 64 Ford, 4-dr custom 289 eng, mechanically prfct, 649-7193.
- 69 Chev Impala cust cpe, 327 eng, air, pb/s, vnyl top, lw mi, vry clean, \$1250, 474-3401.
- 71 Suzuki, 125 duster set-up for trails, gd cndn, \$260, 534-2394.
- 69 Chrysler wgn, al pwr, auto, loaded, air, stereo, nw tires, xlnl cndn, \$1200, Musgrave, 334-1763.
- 65 Mustang, 289-4V, 4 spd trans, radio, no/ac, runs fair, Gravett, 488-6223.
- 72 Kawasaki 175, Enduro, 488-2978.
- 71 Mazda R-100, 28,000 On body 200 mi on

- new motor, a/c w/ radial tires, nw paint, evry-thing nded has been replaced, li nw cndn, (\$850 worth) bargain at \$1650, 488-1846 or 482-3629 evenings.
- 67 Plymouth Fury III, 4-dr, loaded, nw valve job, blue book \$625, sell \$500, 534-3800.
- 70 Suzuki, gd cndn, recently ovhauled eng, xtras, \$195, 488-4276.
- 71 Honda SL175, Street Legal, recently ovhauled, gd cndn, \$275, 488-5691.
- 74 Ford cargo Supervan, 12,700 mi, 302 V8, air, 55,000 mi, \$1,295, right front fender slightly bent, Witsitt, 3861.
- 74 Gremlin, gd cndn, ac, 6 cyl, \$2800, 483-5111 from noon to 4 p.m., 469-6737 aft 4:30, Debbie.
- Rent CESSNA 205 and 206, \$28 and \$30 wet, IFR, 6 seats, 322-1367.
- 71 Suzuki, TC-90, Black nw chain, clutch, piston & rings, street and off-road, \$190, Robert, 482-7030 aft 8 p.m.
- 70 Honda Trail 70, Red Street Legal, gas sipper, Robert, 482-7030 aft 8 p.m.
- 71 Dodge Charger S.E., 383 auto, ps/pb, air vinyl top, xtras, \$2000, 488-0090 aft 6.

HOUSEHOLD ARTICLES

- Orange and gold shag carpet 9 ft X 12 ft, xlnl cndn, \$50, 488-3746.
- Sear's Undercounter dishwasher top of line, recently ovhauled, \$50 Klotz, 488-1514, 483-5384.
- Antique wall clock, school house type, \$65, 944-8717.
- Electric stove, white, 3 burners, deep well, oven, storage drawer, \$20 hooker headers, fits 340 dodge eng, \$50, 2 kitchen sinks w/ faucets, \$15 ea, Crain, 6421.
- Formal couch, cream colored, gd cndn, 95" long, \$125, 481-2327.
- Green velvet Spanish sofa, matching chair and bic vinyl recliner, \$375, 488-4451 aft 5.

PROPERTY AND RENTALS

- 20 acres, Central Texas, water, pwr, minerals, lake site, income \$500/acre, also 110 acres, Texas Veteran loan acceptable, 481-0708 aft 5.
- Lake Livingston rental resort/retirement home, 3-2-1, attractively furnished, Cape Royal Area, weekly, monthly and yearly rates, 488-4487.
- Kirkwood, xtra nice w/ l/r, d/r, den fireplace, 87'X150' fenced corner lot, xtras, 1950 sq ft, sell \$41,500 or trade down, 488-1846 or 483-5886.
- 2.06 acre lot in El Dorado, Subdivision in Friendswood, \$7500, Zupp, X2276 or 482-7156.

BOATS

- 18 ft outboard, cabin head bunks, 75 hp Johnson, galv, tilt trailer, \$1350, 334-3245.

PETS

- AKC reg Afghan pups, ready, March 25, own both parents, \$150-\$300, 485-5225.

WANTED

- Electrical power adapter for using American appliances on European power, Parker, X3566 or 333-2253.
- Want to form 5-person carpool from Gulf-gate, 8-4:30, ea person to drive one day a week, Harry St. John, X2566.
- Trumpet player to join jazz group Nuss, 4166, 488-2624.



SEMINAR—Representatives from various minority business establishments, left, participate in a workshop during the Technology Transfer Seminar held recently at JSC. Pictured in the photo to the right are some of the coordinators of the conference. From L-R are Ray L. Gilbert, Chief Special Projects, Technology Utilization(TU), NASA Headquarters; Ted Lettuce, Capital Development Specialist, Office of Minority Business Enterprise; Charles Kubakawa, TU Officer, Ames Research Center; Samuel Cornelius, Deputy Director, Office of Minority Business Enterprise, Dept. of Commerce; James Dixon, Minority Business Specialist, NASA Headquarters, and Joseph Atkinson, Chief, EEO Office, JSC.



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ASTP Countdown

long in some of the holddown fittings that are integral parts of the fins. The changeout of the fins is not expected to impact the July 15 launch date.

TRAVEL TIME

Globe Trotting Tour Schedule: Caribbean Cruise via Galveston, May 10-17, 1975, \$415, \$447, \$460. There are still a few rooms available! Time is limited. Contact Bob Ward, 483-6247 by March 15.

Europe, May 28-June 19, visit 7 countries, options available, \$325, \$360, \$375, \$635, \$970 cost range. Guests are welcome.

ATTENTION

All EAA activities publicized in the Roundup should be given to Rachel Windham, Vice-President, Promotions, Code LA5, Building 1, Room 657 no later than noon the Friday preceding publication of the Roundup.



Space Food Systems--Versatile, Unique

Pureed-type foodstuff squeezed from small metal tubes; not particularly appetizing in texture and appearance, yet nutritionally adequate . . . Such were the first meals consumed by astronauts during early manned spaceflight. Today, space meals are available which not only meet nutritional requirements, but include foods which are, as nearly as possible, conventional in appearance and in taste.

Responsible for these unique food systems is Rita M. Rapp, Flight Food System Coordinator, Food and Nutrition Branch, who has been involved in biomedical research and food and packaging systems since the inception of the space program.

During the Apollo Program, she served as Subsystems Manager for the Apollo Food and Personal Hygiene Items. In 1971, she was named Head of Tests and Integration Activities for the Skylab Food System and in this capacity, initiated a comprehensive program in crew training which ensured that diets were developed to meet individual crewmember preferences and the requirements of nutrition experiments.

"Every effort is made to incorporate menus that are pleasing to the crewmen," Rita said, "I talk

with the astronauts, get their suggestions and preferences, and try to provide the requests that are acceptable for use in-flight," she added.

Under Rita's leadership during the critical Skylab preflight periods, crewmembers were supported with certified flight food and equipment that were vital to the achievement of metabolic balance calculations for inflight medical experiments. Her performance during this time was especially commendable since the unexpected delay of the Skylab 2 launch required that prime and backup crewmen be separated to attend training and planning sessions at three different NASA installations. During this time, each crewmember was required to maintain isolation and dietary control.

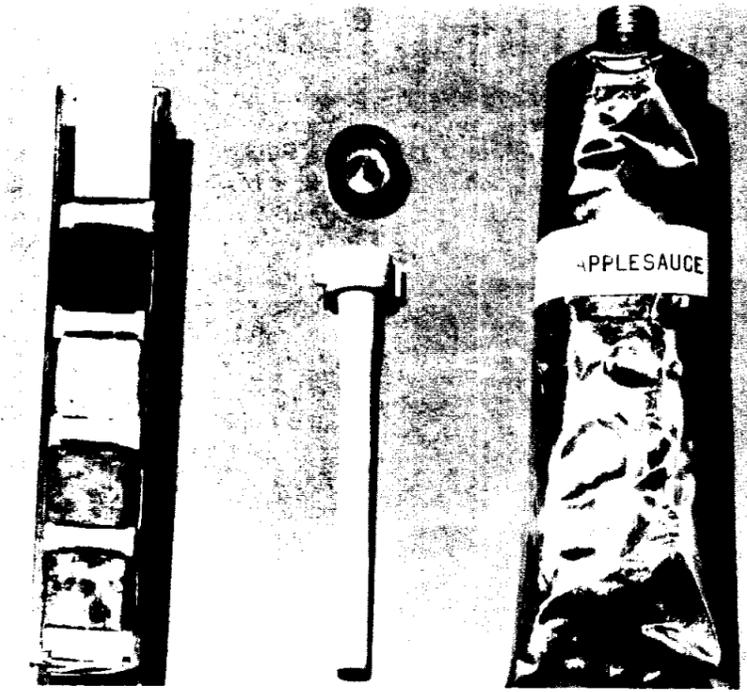
Frequently, only a few hours notice of a crewman's change in location was possible; yet Rita and the staff of dieticians and technologists from Technology, Inc. were always able to meet the needs of the diet program.

For her skillful preflight and postflight dietary control activities, Rita was awarded the Certificate of Commendation, JSC's highest award. She also received the Federal Women's Award in 1971 for her contributions to

manned spaceflight.

This week she was presented the Roland A. Isker Award for "outstanding contributions to national preparedness in food and container research and development."

Currently, Rita is working on the food program for ASTP which includes training both the U.S. and Soviet crews on the Command Module food system and techniques. She also coordinates activities with the JSC food depot, a new facility that is manufacturing and assembling foods and packages for a major portion of the ASTP inflight food system.



MERCURY PROVISIONS—These are some of the foods utilized during the Mercury Program. Most of the food was pureed such as the applesauce in the metal tube. The system also included some cube-foods.



APOLLO FOOD—Rita Rapp, Flight Food System Coordinator, displays some of the food used during the Apollo Program. The packages represent food for three typical meals for one Apollo crewman. Rita holds a package of the food and a water gun.

Throughout NASA (Continued from Page 1)

new C-141 Airborne Infrared Observatory, a large four-jet cargo aircraft fitted with a 91.5 centimeter (36 inch) infrared telescope based at Ames Research Center. Although the data do not provide conclusive evidence that there is life on Jupiter, the discovery of water vapor "adds confidence" to the speculation that organic compounds—precursors to life, are being formed in Jupiter's atmosphere and may account for the coloring (reds, browns, and oranges) of its clouds, according to Dr. Harold Larson, University of Arizona Principal Investigator.

Pioneer 11

Data returned by Pioneer 11 suggest that the liquid planet's magnetic field, unlike Earth's, may be created by several ring currents—like electric generators—deep within the planet rather than by a simple magnetic envelope as previously indicated. The pioneer 11 flight has also provided a number of other new details about the planet, its poles,

and its moons, and a greater insight into the nature of cosmic rays from the stars.

NSA To Meet Soon

"What You Always Wanted To Know About CPS and Were Afraid to Ask" will be the subject of the March 25 meeting of the National Secretaries Association, (International) NASA Clear Lake Chapter.

NSA will present a panel of Certified Professional Secretaries who will discuss various phases of the CPS examination. The audience will have an opportunity to ask the panel questions concerning CPS, NSA and the Secretarial profession.

The public is invited to attend the meeting which will be held at the Holiday Inn, NASA Road 1, 5:30 p.m. To make reservations, contact Elaine Stemerick, 483-2141 or Lea Bell, 488-0080, X375.

Virginia Thompson, employed in the Procurement Division at JSC, is President of NSA's NASA Clear Lake Chapter.



ASTP FOOD—Rita's duties entail coordinating the ASTP Command Module food system. In this photo, she uses an ASTP food tray to demonstrate the food system to some of the Soviet ASTP Backup Crewmen and other ASTP food specialists.

Announcement (Continued from Page 2)

ever, the Administrator denied this charge without qualification.

While Mr. Hogan's complaint and subsequent law suit were being processed, Mr. Hogan, in his new position, pioneered the development of procedures to establish contractor work force compensation profiles. These profiles, which are suitable for application in computers, will provide more accurate comparability with work force compensation patterns of private firms in localities around NASA installations. The increased accuracy is important to NASA, because compensation of the NASA support service work force depends in part on prevailing patterns of compensation in the local area.

Subsequently, in July 1974, the Office of Federal Contract Compliance directed the transfer of responsibility for contract compliance review over NASA

contractors to the Defense Supply Agency and the General Services Administration. Before the effective date of that transfer, NASA offered to settle Mr. Hogan's complaint in accordance with his wish to perform contract compliance duties by reinstating him in his former position for the purpose of enabling him to transfer with it to one of the receiving agencies. Before the transfer arrangements could be completed, however, the Defense Supply Agency selected Mr. Hogan for a merit appointment.

Settlement of Mr. Hogan's complaint and law suit has now been accomplished.



ADDED ATTRACTIONS—Normal moisture foods or "wetpacks" such as the franks pictured above are now included in the space food system. They require no special preparation. Below is a Skylab beverage package which has been rehydrated with a specific amount of water. The drink valve is in place ready for the astronaut to consume by gentle suction.

