

Soviet Spacemen Here For Joint Mission Talks

Two dozen-plus Russian space experts are here for two weeks of meetings on the Apollo-Soyuz Test Project.

They arrived yesterday, armed with stacks of paperwork that will help make reality of the planned 1975 rendezvous and docking of American and Russian spacecraft.

Senior members of the U.S.S.R. delegation are Boris N. Petrov, Chairman of the Soviet Intercosmos Council, and Konstantin D. Bushuyev, ASTP Director of the U.S.S.R.

Glynn S. Lunney, ASTP Project Manager for the U. S. said goals of the meeting will be the preliminary definition of all elements of the test mission, including defining the mission plan and detailed design requirements for the compatible systems.

The number of working groups in each delegation has been increased from three to five.

They are: No. 1 Mission Planning and Operation; No. 2, Guidance and Control; No. 3, Docking Mechanism Design; No. 4, Communications; No. 5, Life Systems and Crew Transfer.

Chairmen of the U. S. working groups, in order, are: M. P. Frank, Flight Director; Donald C. Cheatham, Assistant Chief for

Engineering and Development, Guidance and Control Division.

Donald C. Wade, Assistant Chief, Structures and Mechanics Division; R. H. Dietz, Head, ASTP Office, Telemetry and Communications Systems Division; and Robert E. Smylie, Chief, Crew Systems Division.

The first working meeting is scheduled this afternoon after each group has had an opportunity to read documents exchanged yesterday.

PRESIDENT SEES SOYUZ—As Apollo 16 astronaut Charles Duke holds a model of the Apollo command module, NASA Administrator Dr. James Fletcher explains the Russian Soyuz spacecraft to President Nixon at the White House. A Soviet group is visiting the Manned Spacecraft Center for two weeks of discussion on the Apollo Soyuz Test Project.

The groups will work Mondays through Saturdays during the visit.

The group met here in June 1971, to discuss the feasibility of compatible rendezvous and docking systems.

In addition, the U. S. delegation has visited Moscow twice and individual working groups have exchanged visits during the past two years

ROUNDUP

NASA MANNED SPACECRAFT CENTER

HOUSTON, TEXAS



VOL. 11 NO. 17

July 7, 1972



Lyn Dunseith Named Flight Operations Deputy, Was Computer Facilities Chief

Lynwood C. Dunseith has been appointed deputy director of Flight Operations. He will assist the director of Flight Operations Operations in planning and directing all phases of flight operations activities.

Dunseith's most recent position at MSC was as assistant director for Computation and Flight Support with responsibility for planning coordinating, and directing all center computing facilities.

He began his career in the space program at NASA Lewis Research Center, Cleveland, Ohio, where he was involved with work on rocket engines

In 1959, he joined the NASA Space Task Group at Langley, Virginia, in the development of the real-time mission support computer program for Project Mercury.

From 1962 to 1966, as head of the Flight Software Branch, Mission Planning and Analysis Division, he was instrumental in the development and operation of the Mission Control Center Real-Time Computer Complex.

Dunseith became chief of the Flight Support Division in 1967 and was responsible for coordinating and establishing requirements for mission control ground

instrumentation for MSC spaceflight missions, including control centers, and interface with network and launch facility mission support sites.

He also was responsible for the operation of the Manned Spaceflight Mission Control Center in support of all manned space flight programs until December 1970.

ASME Honors Rice, Armstrong For Achievements

The American Society of Mechanical Engineers has honored two MSC — one present and one former employee — for their technological achievements.

The ASME George Westinghouse Silver Medal goes to William E. Rice, chief of the Power Generation Branch, E&D, for "significant management and technical leadership in the development of the electrical power systems for the Apollo command and service modules, lunar module, and Apollo lunar surface experiments package.

The Spirit of St. Louis Medal goes to Neil Armstrong for, among other accomplishments, "commanding the team which completed the first successful landing on the moon . . ."

Windshields Take On 'New Look'—Decals, That Is

Automobile windshields around the center are starting to take on a new look.

Beginning Wednesday, the Security Office has been issuing new MSC vehicle decals.

Until August 21, either the old familiar blue rectangular sticker or the new spacecraft-shaped decal will get civil service and contractor employees through the gates of MSC and Ellington, but after that date only the new tag will be waved through.

Issue points are being established in the lobbies of various buildings on-and off-site.

Information to be recorded on MSC Form 1572, Vehicle Registration Record, to obtain the new decal is year, make, model, color, license number and state in which licensed for each vehicle registered.

Forms can be picked up in advance at Room 256 of Building 45, at Building 100, or at the receptionist desk in Building 2.

Or they can be obtained and filled out at the issuing posts, which will be established in the lobby of the asterisk-marked buildings on the following schedule:

Building	Date
*13 and 15	July 7
*14 and 17	July 10
*45	July 11
*16 and 16A	July 12
*12 and 30	July 13

(Continued on Page 4)



PHYSICALLY FIT—While Miss America 1969 keeps in shape on the bicycle exerciser at the astronaut gym, University of Maryland basketballer Tom McMillen and MSC's Jim Lovell check her style and Germany's Jurgen Palm checks the equipment. The occasion was last week's visit and monthly meeting of the President's Council on Physical Fitness and Sports. The meeting usually is held in Washington but was conducted here this month at the invitation of Council Chairman Lovell. Judi Ford is the former Miss America. She and McMillen also are members of the Council. Palm is deputy secretary general of Deutscher Sportbund and attended the meeting as an observer.



MSC-Huntsville Charter Contract To Dallas Airline

Trans Continental Air Transport of Dallas has been awarded a contract to furnish charter aircraft service between the Manned Spacecraft Center and the Marshall Space Flight Center, Huntsville, Alabama for a 12-month period ending June 1973.

Trans Continental Air Transport will operate three round trips each week between MSC and the MSFC facility in Alabama.

The aircraft will depart from Ellington Air Force Base and land at the Redstone Arsenal Army Airport at Huntsville.

The contractor will operate a turbine-powered propeller driven Lockheed Electra aircraft with a seating capacity of 94 passengers.

Total value of the one year contract is \$608,447.



TORTURE CHAMBER—This isn't Dr. Frankenstein and his monster but, rather, Dr. William Thornton and Karol Bobko. The two astronauts, along with Robert Crippen, are due to spend up to 56 days in a Skylab Orbital Workshop mockup in Crew Systems Division's 20-foot vacuum chamber. As test crew in the Skylab Medical Experiment Altitude Test, the trio will undergo such experiments as this one dealing with lower body negative pressure. That's Dr. Thornton at the controls, Bobko in the device. SMEAT is designed to obtain medical experiment equipment for the Skylab flights scheduled for 1973.



CONGRATULATIONS—MSC Director Kraft congratulates William G. Folkes on his election to the presidency of Local 2284, American Federation of Government Employees. Other new AFGE officers are Curtis Vetter first vice president, Margie McGregor second vice president, Junius Fox chief steward, Loreta Bradley treasurer, and R. L. Clay sergeant at arms.



JOINT VENTURE—These models demonstrate the way Russia's Soyuz and the United States' Apollo spacecraft will join in Earth orbit. The first two segments at top left are Soyuz. The cylinder in the center is the docking module, yet to be designed and built, and the unit at bottom right is the Apollo command-service module. The Apollo-Soyuz Test Project is the subject of two weeks of Soviet-U.S. working meetings begun here today.



MEANWHILE, BACK AT THE CHECKOUT ROOM—While SMEAT astronauts Crippen, Bobko and Thornton get ready for their endurance run in the MSC vacuum chamber to check out Skylab medical facilities, technicians at the Marshall Space Flight Center check the wiring on another part of Skylab—a mechanical test article of the Apollo Telescope Mount solar array. Four such arrays, forming a cross, will point banks of solar cells toward the sun to produce electricity to power the ATM.

'Guys, Dolls' 3-C Theatre July Feature

Broadway's hit musical "Guys and Dolls" is at the Clear Creek Country Theatre in League City through July, with more than half of the cast of 30 closely connected with MSC.

The romantic leads are Dan Potruff and Donna Frost in the Jill Royce-directed Damon Runyon classic that matches sky's-the-limit gamblers with soul-saving mission belles on New York's 49th Street of the '30s.

Other familiar names include Gus Babb, who does Stubby Kaye's "Sit Down, You're Rockin' the Boat."

In the girls' chorus are Norma Godeke, Marti Hatch, Anne Forsyth, Audrey Green, Donna Stephens, Carol Brandt and Barbara French.

The male chorus includes Paul Ward, Bill Kuhlmann, Thornton Page and T. J. Montgomery.

Choral direction is by Carolyn Dettmore and Milton Pullen. Pat Kuhlmann is stage manager.

Performances are at 8 Thursday, Friday and Saturday through July, with matinees at 2:30 on Sunday the 9th and 23rd.

Reservations: 332-2931.

ROUNDUP

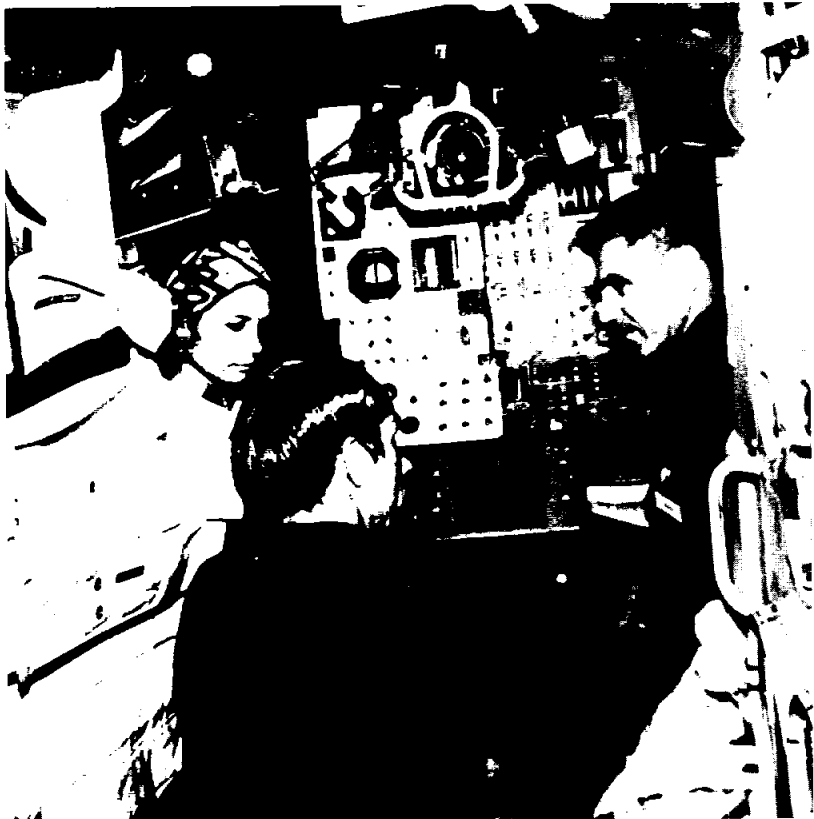
NASA MANNED SPACECRAFT CENTER

HOUSTON, TEXAS



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

Photographer: A. "Pat" Patnesky



VISITORS—Two distinguished guests got two different looks at MSC, one into the lunar module simulator and the other around the Mission Control Center. Astronaut Al Worden, center in the photo above, explains the LM controls to William Magruder, special consultant to President Nixon, and Chicago Sun-Times reporter Carole Foryst, who was covering Magruder's trip. Below, His Eminence Archbishop Iakovos of the Greek Orthodox Archdiocese surveys the mission operations control room. These and other visitors to MSC are expected to total a third of a million or so over three months of summer.



Roundup Swap-Shop

Swap Shop advertising is available to MSC 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.

VEHICLES

71 Open Road Camper, Chevy chassis mounted, self-contained, dual air, slp 6-8, full warranty, save \$1500. Bliss 488-5755.
 66 Mercury Monterey 2 dr auto, air pwr steer, new tires, \$600. Williams 488-1011.
 71 Camper for 1/2 ton pickup, slp 4, cost \$1500, used once, sacrifice for \$995. Cooper 482-1009.
 65 Pontiac LeMans 326 V8, air std trans, runs perf, \$250. Kubiak 938-4583.
 66 VW sdn xlnt cndn, new eng, \$650. Bullock 774-6602.
 70 Dunebug, Corvair Eng, AT conv hard-top, side panels, Calif Custom. Bullock 774-6602.
 72 Chevrolet Concourse sta wgn \$3600, has 4,000 mi, still in warranty, loaded all xtras, cranberry red, 554-5027 (League City).
 66 Chrys 300 4-dr hdtp, xlnt cndn, Michelin X radial tires, \$850. 482-7039.
 67 Pontiac 3-seat sta wgn, pwr steer & brakes, air radio, luggage rack, \$1195. Weiss 645-2731.
 70 Triumph motorcycle, 250cc eng, 1600 mi, like new. Bauer 941-4511 evenings or 923-5137.
 70 Chevy pickup V8 4-bbl 350 cu, long wheel base, power, air, 23K mi \$2700. Bucky 453-0149.
 70 Ford XL cnvrt, auto, air, AM-FM stereo, power steering & brakes. Legendre 333-2976. Luscombe BA, 115 hrs SMOH, 1350 hrs tot, all metal, Maple tailwheel, xlnt cndn \$2750. Holzappel 422-9988 or 427-1657.
 71 Super Glide Harley-Davidson yr old \$1500. Wayne 477-8685.
 Minibike 5hp w/ torque converter & motorcycle tank, like new \$179 Marris 481-3900
 Starcraft fold-out camper slp 6, built-in 3-burner, sink, icebox, closet & stor. 926-7140.
 63 Ford Fairlane Spt Cpe 4-spd, air buckets new tires xlnt cndn, lowner \$750. Davis 333-2239.
 Olds 98 4-dr sdn, 60,000 mi, no pwr seats or windows, \$595, 946-0236.
 71 Suzuki 90 8-spd, trail bike, less than 800 mi, xlnt cndn \$375. Kirkland 554-4101.
 Wheel, Chuckwagon camper w/ canopy aw screen rm, gas stove, press water system, slps 7, \$900. Kirkland 554-4101.
 72 Honda GL450, 3900 mi, mint cndn, 334-2317.

PROPERTY & RENTALS

For Lease: League City 3-2-2 central air, fenced. 554-5394.
 3-2-2den Houston-Tropicana, 7219 Kingsway Dr, brick, central air, near schools, for sale by owner. 643-5384.
 League City 3-2-2, cedar fence, all built-ins, landscaped, \$23,800 w/ \$3800 dn and assume lia, military being xfrd. Grogan 554-5417.
 CLC 4-2-2 nr school, rec cntr, parks, fenced, fireplace, many xtras, over 2500', 6 1/4 loan or refinance. Johnson 488-2207.
 House trailer 2 bdrms 1 1/2 baths, 14 x67, all-elec, crpt, carport, awnings, priced to sell. Workman 453-7701 a.m., 643-1028 p.m.
 Demijohn Island bulkheaded lot 50 x 50 on unpolluted Bastrop Bayou south of Angleten, gd crabbing, skiing, fishing, ready to build on. Klotz 488-1514.
 Nassau Bay Old English 3 bdrm 2 bath & fam rm w/ corner fireplace, by owner. 333-3349.
 Pasadena 2-sty brick 5 bdrm 2 bath & large den, xlnt schools conviently located, equity & \$232 mo. 487-2415.
 For Lease: CLC 4-2-2 central air, cul-de-sac, membership rec center, \$265. 733-7667.
 For Lease: CLC 3-2-2, carpet, drapes, built-ins \$245. Hartman 488-2754.

BOATS

18' runabout 75-hp Johnson, trailer, xtras incl tarp, anchor, 18-gal tank, gd cndn \$825. Kubiak 938-4583.
 16' Fiberglass 45-hp Chrysler ob, trailer,

ansdr trade, \$750. 733-7667.
 Lido 14 sailboats, prices & cndn used Lidos for sale by owners. 334-2392.
 71 Chrysler 16.5' Sport Fury tri-hull fiberglass, 120-hp ob Chrysler, big wheel trailer, two 6-gal tanks, tach, canvas top, 5 life jackets, drastic reduc. Reina 488-1326.
 20-hp Mercury ob used 4 times, sell or trade for 10-hp. 333-2442.

MISCELLANEOUS

4 nylon tubless mobile home tires & rims 7-14-5 lk new, \$100 for all. 4 rolls red fencing 4' x 50' ea, gd cnd, cost \$20 ea, sell \$50 for all. Jackson 332-2855.
 Emerson upright piano, gd practice instrument. 524-8861.
 Crossman western style .22 air gun, revolver, hardly used, \$12 w/ pellets & gas cartridges. 471-0066.
 Peterson baby stroller xlnt cndn, cost \$30 sell \$15. Hooper 488-4120.

HOUSEHOLD ARTICLES

New malded wood & black vinyl chair and ottoman, discount cost \$198, sell best offer. Bliss 488-5755.
 Cair 25" Sylvania table model TV, gd cndn, needs convergence, \$60. Hake 332-2316
 Vacuum cleaner, Airway canister, all attach, spare bags, vry gd cndn, \$16. Hake 332-2316.
 Craig-Pioneer 8-tr recorder deck, xtras, used once, warranty, cost \$155, sell \$100. Jones 944-1321.
 14 x 18 rose colored oriental rug, \$5 or best offer. Klotz 488-1514.
 3-pc bathroom set, tub, sink, commode, gd cndn \$50. Jackson 332-2855.
 Portable stereo Voice of Music, speakers, turntable, amps, 4 yrs old, xlnt cndn, orig cost \$200, sell \$80. 481-2386.
 Monaural hi-fi in lrg light oak equip & sprk cabinets, 12" triax spkr, electronics need minor work. 471-0066.
 Frigidaire mini-refrig 32x19x18 1/2, copper-tone, lk new, perfect for office, dorm, den, new \$124, asking \$79. Ollie 643-3289 offer 6.

Fisher stereo amp, 55W chan, wood cbnt \$265 new, make offer. Grogan 483-6361.
 Sansui AM-FM stereo tube-type tuner 4-yr old, xlnt cndn \$75. Garrard changer w/ Pickering XV-15/400E cartridge \$35. Knight 20W monaural amp \$17. Cantin 334-2302.
 Lafayette automatic turntable w/ sep stereo speakers, xlnt cndn, 2yr old \$30. 471-0066.

PETS

AKC German shepherd white male pups whelped 6-1-72. \$75. Bolden 692-9456.
 White female toy poodle 6 mo old, pedigree, shots, \$50. Sherry 481-0066.
 Free puppies to good homes, one mother poodle, other mother terrier. 472-5310 offer 5.

LOST AND FOUND

Found: Billfold w/ currency, outside Bldg 4 on 6-20-72. Samouac 483-2651.

WANTED

Clean 67 or 68 Mustang frm original owner. Adams 534-3243.

LATE ENTRIES

65 Pontiac 4-dr sdn, gd cnd. \$550. Senter 482-7835.
 Ford Econoline van custom finished, sofa bed, chest, carpet, like new. 923-1440.
 70 Fiat 850 sportcar, low mi, gd m.p.g. Johnston 944-0862 or 465-8945.
 14' Sidewinder bass boat 50 hp, Mercury 1970, Super Motor Guide, xtras \$1495. Bradshaw 479-1397.
 Sears pool table 44x88 w/ equip \$50. Wald 483-6161.
 Baldwin Acrusonic spinet piano, mahogany, like new w/ bench \$55. 334-3406.
 For rent: Nice furn 4-rm, patio, garage, near fwy, prefer quiet couple. 923-1440.
 63 Corvair 4-dr, auto, go tires, runs gd, any over \$60 considered. Davis 944-2901 offer 6.
 67 Chev Impala pwr steer, fctry air, gd cndn \$650. Humphries 485-1480.
 65 VW sdn, 72,000 mi, new tires, elnt cndn \$600. Beal 643-4145.

TRW Avenges '71 Loss, Beats NASA 1

Last year's finals of the EAA Women's Softball League tournament got an instant replay this year, but with opposite results.

Last season's champs, NASA 1, found themselves in second place behind '71 runner-up TRW.

The other two playoff participants were IBM 1, undefeated in regular season play, and new-entry NASA 2.

TRW took not only the championship trophy but most of the positions on the all-tourney team.

Chris Milner TRW pitcher, Jo Ann Birchett NASA 1 catcher, Cindy Siegfried TRW first base, Barbie Bonney TRW second base.

Joan Cram of TRW pounded out 15 hits in 22 at-bats for a tournament-leading .682 average. She is the all-star third baseman.

Shortstop Erna Charba and outfielder June Hensley, both of TRW, were named Best Fielder and Most Valuable Player.

Also in the all-star outfield is Bat Brown of NASA 1, the regular season's leading hitted with 33 for 46 and a .717 average.

The other outfield spots on the all-tournament team went to Mary Bardwell of TRW and Dee Norris of IBM 1, and Marie Fullerton of NASA 1 is the all-star utility player.



DIGGING FOR FUN—While many of the people who worked the project to reality look on, MSC Director Kraft turns the first shovelful of dirt at the Employees Activities Association recreation center site. Although the contractor has until February to finish the non-appropriated funded facility, he is aiming at a November or December completion date. The center will feature a two-story 27,500 square-foot activities building.



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 MANNED SPACECRAFT CENTER
 HOUSTON, TEXAS 77058

REPLY TO
 ATTN OF: FCG1

TO: All of the Members of the Space Team

I have enjoyed being a member of the Flight Control Space Team that has been instrumental in landing Americans on the Moon.

In Man's history of Achievement, I think this was one of the most important steps for Man to take in his ever expanding search for knowledge. I feel that the Space Program should continue, and I am sure it will produce even greater and more far-reaching results in Man's quest for the satisfaction of his soul.

America's men and women and men and women the world over need a goal of this nature to take their minds off war and pestilence.

I am proud that I was a part of it.

Ed Middleton
 Retiring from Service
 June 23, 1972

ECHOES SENTIMENTS—Because it expresses the thoughts of many of us associated with the space program, this letter is being reproduced as an item of general interest. Retiree Ed Middleton had considered asking for time to read the words at last month's retirement ceremony but, in the interests of keeping the ceremony on its pre-planned schedule, did not.

EAA Sponsors Blood Bank for Benefit of MSC Personnel

The Employees Activities Association since 1966 has sponsored a blood bank for the Manned Spacecraft Center.

Blood Services of Houston furnishes the Bloodmobile at MSC and handles the collection and distribution of blood.

Briefly the Bank operates this way.

All NASA and support contractor personnel are eligible to participate. A family is a participant when any one member of the family donates blood.

Blood in the Bank is used for repayment of blood which has been furnished your family by your hospital. The Bank will repay the hospital for participating members before nonparticipating members.

The Bank will repay the hospital on a two pints for one basis for participating members.

The Bank will repay the hospital on a one for one basis for nonparticipating members. The nonparticipating members will be required to pay the hospital cash for the second pint.

Nonparticipating members will benefit only as heretofore mentioned if the Bank supply is sufficient.

If the blood reserve is plentiful nonparticipating members may benefit on the same basis as the participating members.

If the blood reserve exceeds requirements for participating and

nonparticipating members, the surplus blood will be donated to charity organizations in the MSC area.

A minimum reserve of 100 pints will be maintained for emergency distribution.

Since Blood Services of Houston is a member of the American

Helon Crawford New Co-chairman Of Blood Bank

The Employees Activities Association, preparing for its annual collection drive for the MSC blood bank, has named Helon R. Crawford of Management Services co-chairman of the bank.

She replaces longtime co-chairman Barbara Freeman.

This year's drive will be conducted in August. Dates and hours are being worked out and will be announced in the next issue of the *Roundup*.

Association of Blood Banks Clear-House System, credits can be transferred to almost any hospital in the U. S.

If you are in good health, giving blood is a simple matter

1. You may be a donor if you are between the ages of 18 and 60.

However, if you are between 18 and 21, you must have written consent of a parent or guardian unless you are married or in the military forces.

2. You may be a donor if you weigh at least 110 pounds. Extremely overweight individuals should not give blood without written consent of a private physician.

3. During the period of four hours before you report to give blood, you should avoid fatty foods or dairy products. Preferably only water, soft drinks, fruit juices, black coffee or toast should be consumed during that period.

On the other hand, it should not be more than 12 hours since

you have had some solid foods.

4. There must be an interval at least eight weeks between donations with a maximum of five donations during any twelve month period.



AWARD—Iris Falcone of the Quality Assurance Office in Resident Apollo Spacecraft Program Office/Bethpage has earned her Sustained Superior Performance award and, obviously, is quite happy about it.

5. You should never give blood if you have any history of the following: Viral hepatitis (Jaundice), syphilis, tuberculosis heart disease, epilepsy, rheumatic fever.

Frequent fainting spells, severe head injury, convulsions, kidney disease, severe allergy, bleeding abnormally, drug addiction, or diabetes (requiring special diet or insulin).

6. You should not give blood now if you have a recent history of any of the following: major surgery, blood transfusion, pregnancy, malaria, immunizations, severe injury, alcoholism, prolonged fever, tattoo.

Excessive weight loss, persistent cough, pains in the chest, shortness of breath, edema, or close contact with someone who had hepatitis.

7. You should not give blood now if you are currently experiencing any of the following: taking medicine for an illness, severe cold or sore throat, skin disease, arthritis, hay fever or asthma.

8. Individuals who operate power machinery, trucks, buses, emergency vehicles or trains, or who climb poles, ladders, scaffolds, etc., should not give blood if they must engage in these occupations within 12 hours after

Think Picnic!

giving. Members of flight crews should wait 72 hours.

Experienced Blood Bank personnel perform other tests such as temperature, pulse, blood pressure, hemoglobin (for iron content), in order to insure that you can give blood with no ill effect.

Battery Design

Blamed in Blast

That Killed Man

Faulty design of a water-tight battery enclosure used in underwater astronaut training has been pinpointed as the primary contributing factor to an explosion which killed one man and injured another.

The accident investigation board said that the battery enclosure was not designed to eliminate explosive mixtures of hydrogen and oxygen and ignition sources, but rather to withstand high internal pressures.

In reconstructing the events leading up on the accident, the investigation board determined that an explosive mixture of hydrogen and oxygen in the battery was detonated when a switch was closed.

The February 29 battery explosion killed Kirby C. Dupree and injured James E. Scott, both employees of Brown & Root-Northrop.

This article by Bernard Moritz, deputy associate administrator for Organization and Management, deals with the application of the Occupational Safety and Health Act to federal agencies. It is information important to each MSC and contractor employee.

The Occupational Safety and Health Act of 1970 (PL 91-596), also known as the Williams-Steiger Act, but more commonly referred to as the OSHA, contains a separate section (Section 19) which applies to Federal employees. Under Section 19, each agency is required to consult with its employees' representatives concerning management's responsibility to provide safe working conditions. The agency has consulted with representatives of recognized employee organizations, but also recognizes that not all employees are members of labor organizations. Therefore, we are taking this means to inform all NASA personnel of management's responsibility under OSHA. Section 19, in part, reads as follows:

Federal Agency Safety Programs and Responsibilities

"Sec. 19. (a) - It shall be the responsibility of the head of each Federal agency to establish and maintain an effective and comprehensive occupational safety and health program which is consistent with the standards promulgated under section 6. The head of each agency shall (after consultation with representatives of the employees thereof -

(1) provide safe and healthful places and conditions of employment, consistent with the standards set under section 6;

(2) acquire, maintain, and require the use of safety equipment, personal protective equipment, and devices reasonably necessary to protect employees;

(3) keep adequate records of all occupational accidents and illnesses for proper evaluation and necessary corrective action;

(4) consult with the Secretary with regard to the adequacy as to form and content of records kept pursuant to subsection (a) (3) of this section; and

(5) make an annual report to the Secretary with respect to occupational accidents and injuries and the agency's program under this section. Such report shall include any report submitted under section 7902(e) (2) of title 5, United States Code."

White House Directive

In order to assure that each Federal agency establishes and maintains an effective and comprehensive occupational health and safety program that meets specified criteria, the President issued Executive Order 11612 in July 1971 which reads, in part, as follows:

"As the Nation's largest employer, the Federal Government has a special obligation to set an example for safe and healthful employment. It is appropriate that the Federal Government strengthen its efforts to assure safe and healthful working conditions for its own employees.

"NOW, THEREFORE, by virtue of the authority vested in me by section 7902 of Title 5 of the United States Code, and as President of the United States, it is hereby ordered as follows:

Section 1. The head of each Federal department and agency shall establish an occupational safety and health program (hereinafter referred to as a safety program) in compliance with the requirements of section 7902 of Title 5 of the United States Code and section 19(a) of the Occupational Safety and Health Act of 1970 (which Act shall hereinafter be referred to as the Safety Act). The programs shall be consistent with the standards prescribed by section 6 of the Safety Act. In providing safety programs for Federal employees, the head of each Federal department and agency shall -

(1) Designate or appoint a qualified official who shall be responsible for the management of the safety program within his agency.

(2) Establish (A) a safety policy; (B) an organization and a set of procedures, providing for appropriate consultation with employees, that will permit that policy to be implemented effectively; (C) a safety management information system; (D) goals and objectives for reducing and eliminating employee injuries and occupational illnesses; (E) periodic inspections of work places to ensure compliance with standards; (F) plans and procedures for evaluating the program's effectiveness; and (G) priorities with respect to the factors which cause occupational injury and illness so that appropriate countermeasures can be developed.

(3) Correct conditions that do not meet safety and health standards.

(4) Submit to the Secretary of Labor by April 1 of each year a report containing (A) the status of his agency's safety program in reducing injuries and occupational illnesses to personnel during the preceding calendar year as related to the goals and objectives established for that year; (B) goals and objectives for the current year; (C) a plan for achieving those goals and objectives; (D) any report required under section 7902 (e) (2) of Title 5 of the United States Code; and (E) such other information as may be requested by the Secretary.

(5) Cooperate with and assist the Secretary of Labor in the performance of the Secretary's duties under section 7902 of Title 5 of the United States Code and section 19 of the Safety Act."

Mutual Effort Required

In order to meet the aims of the Executive Order, it is necessary that a mutual effort be expended on the part of both management and the work force. Therefore, it is anticipated that NASA employees will bring to the attention of their supervisors unsafe or unhealthful working conditions, if such conditions are experienced or observed. Management also expects all employees to comply with safety and health standards and all rules, regulations, and orders issued by NASA which are applicable to his own actions and conduct in the areas of health and safety.

Windshields—

(Continued From Page 1)

*4	July 14
*5 and 35	July 17
*7, 7A and 29	July 18
*37	July 19
*31	July 20
*227 and 200 Area Bldg.	July 21
*32 and 36	July 24
*49 and 399	July 25
*440	July 26
8, *9 and 10	July 27
*419, 400 Area and 300 Area Buildings	July 28
*350 and TTA Area Buildings	July 31
135 and *276	August 2
*323 and other MSC Buildings on EAFB	August 3
*2001A and 2000 Area Buildings	August 4
*Phiclo Building, Clear Lake City	August 7
*Lockheed Building, Clear Lake City	August 8
*BRN Building, Clear Lake City	August 9
*Boeing Singer Building, Clear Lake City	August 10
*IBM Building, Nassau Bay	August 10
*Building VI, STC, Technicolor, and Grumman Nassau Bay	August 14
*Building IIIA, General Electric and Univac Nassau Bay	August 15
*Building I, Room 1010D TRW, Nassau Bay	August 16