

READY FOR BOARDING — Saturn S-II-8 stage waits on its transporter for loading aboard USNS Point Barrow for trip to NASA's Mississippi Test Facility where it will undergo static firing.

Apollo 9 Mission Pre-Launch CDDT Under Way at KSC

A Countdown Demonstration Test (CDDT), one of the final major checkouts leading to launch, is in progress on the Apollo 9 space vehicle at NASA's Kennedy Space Center.

The on-the-pad checkout of the towering 363-foot tall vehicle started Wednesday and is scheduled for completion next Tuesday. The initial portion of the test, a "wet" CDDT in which propellants and fuels are loaded, will be followed by a half-day "dry" CDDT after the propellants and fuels have been drained.

Apollo 9 crewmen Jim McDivitt, Dave Scott and Russell Schweickart will take part in the "dry" test. The CDDT basically is a practice mission pre-launch countdown without any engine firings that checks out combined launch vehicle-spacecraft systems and affected ground support equipment.

The 10-day Apollo 9 flight is scheduled for lift-off from Kennedy Space Center on Feb. 28. It will be the first manned test in orbit of the lunar module, and will include the initial extra-vehicular activities and docking in the Apollo program.

The Apollo 9 crew for the first three days of the mission will have meals that come closer to home cooking than the normal space bill of fare to date. Each man will have meat and potato entrees, in addition to the regular rehydratable and bite-size food items.

The extra foodstuff, which can be eaten with a spoon, includes five-ounce servings of beef and potatoes, ham and potatoes, and turkey and potatoes — much the same as the Christmas day meals carried aboard Apollo 8.

Astronauts McDivitt, Scott and Schweickart have been kept busy using command module and lunar module simulators at KSC, working with Manned Spacecraft Center flight con-

(Continued on Page 3, Column 3)

Astronaut Challenges Snoopy Award Winners for Encore

What do you do for an encore after two highly successful manned Apollo flights?

This was the question addressed to division Snoopy astronaut personal recognition award winners by astronaut Walt Cunningham as he urged them to continue their pursuits of error-free workmanship on the Apollo/Saturn V program.

Cunningham shared the podium with division Executive Vice President Joe McNamara at last week's Awards Night event for Snoopy pin recipients. Sixty division and NASA employees were presented their pins as a highlight of the night.

Lorne Greene, star of television's "Bonanza," who was scheduled to receive a special division award was unable to

attend due to illness.

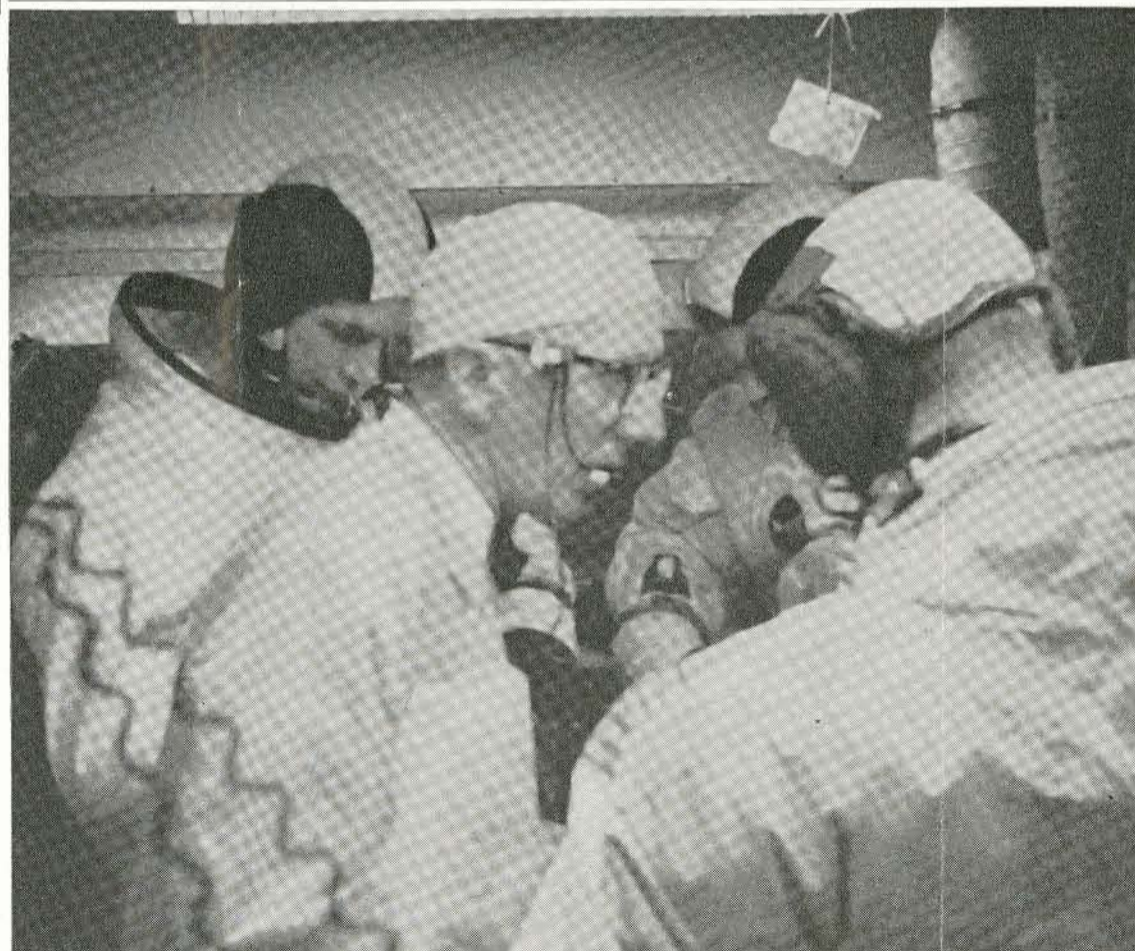
The night also marked the premiere of "Ocean of Space," a division-produced film that Greene appeared in and narrated as a public service. Also shown was "Apollo 8: Go for TLI," a NASA film on the historic moon orbit flight.

McNamara, who welcomed the award winners and their spouses, hailed the Snoopy winners as persons "who will not tolerate error."

"We have had much success, but we cannot become complacent," he said. "We owe a continued pledge of good workmanship to our country and to the astronauts who fly Apollo."

Commenting on the value placed on the Snoopy awards by

(Continued on Page 3, Column 4)



APOLLO 9 PREPARATION—Guenter Wendt, left, of division's Launch Operations, lends hand to Apollo 9 prime crewmen during emergency egress test preparations in "white room" of Kennedy Space Center's Launch Complex 39A. Crewmen from left are Dave Scott, Jim McDivitt, Russell Schweickart. Scheduled for liftoff Feb. 28, flight will be first manned orbit test of lunar module.

S-II with All Spray Foam Insulation MTF-Bound

Weight of Stage Reduced by 3,000 Pounds Through Use of New Protective Coating

The Saturn S-II-8, first S-II stage with all spray foam insulation, left Seal Beach Tuesday for a two-week ocean trip to NASA's Mississippi Test Facility.

At MTF, a test facility of NASA's Marshall Space Flight Center, the stage will undergo a full-duration, approximately six-minute acceptance static firing test as a prelude to being delivered to NASA's Kennedy Space Center. The foam that insulates the

stage is a plastic-based, spray-on material that transforms itself chemically into a tough coating. The lighter, easier to apply foam replaces the prefabricated honeycomb core sandwich insulation used on earlier S-II stages, and is credited with having a greater insulating factor per cubic inch.

The S-II's insulation plays a key role in protecting the stage from aerodynamic friction during the early phases of launch, and in lessening the "boil-off" of its supercold liquid hydrogen and liquid oxygen fuels on the ground prior to launch, said Frank Moritz, project engineer for the stage.

Moritz said use of the new spray foam insulation reduces the weight of the stage by approximately 3,000 pounds.

"The work done on the stage by S-II Bonding and Stage Insulation in preparing it for delivery was fantastic," said Moritz. "They did an outstanding job."

Also cited by Moritz for their work on the stage were Larry Krueger, Oscar Nordman, Arnold Kniep, Paul Ferazzi, and Jerry Tesinsky, all of S-II Engineering; Bill Schafer of S-II Bonding and Stage Insulation, and B. D. Manly, Hank Adams, and Orville Morgan, all of S-II Final Systems Installation.

Heading the testing of the stage in S-II Stage Checkout were Manager Milt Petersen, Gale Waite, chief of Test Engineering, and Bob Meece, chief of night shift operations. Bob Lugibihl was senior project engineer for the testing, and Ray Searcy was assistant project engineer.

(Continued on Page 2, Column 2)

Construction Expected To Hamper Bay Blvd. Traffic Through March

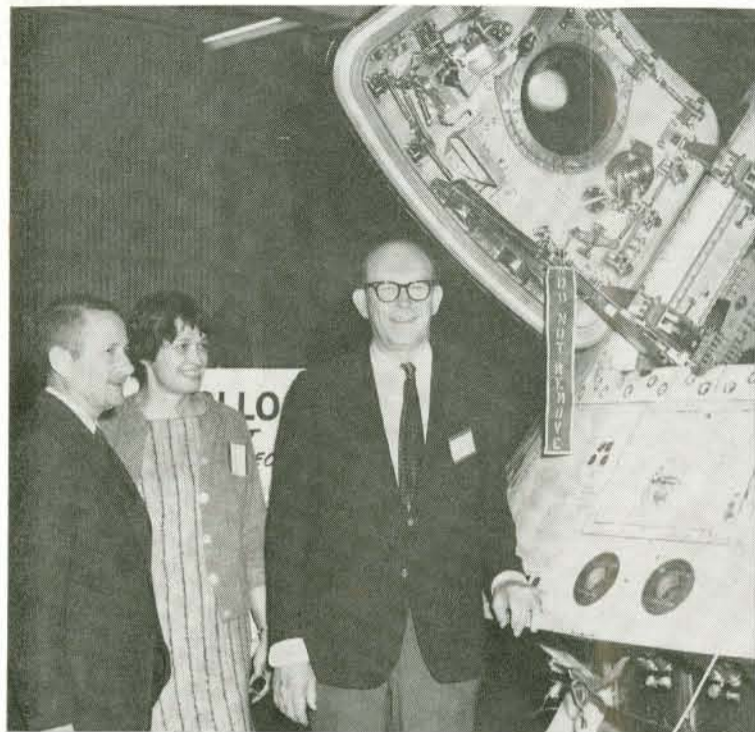
Bay Blvd. traffic will be affected through late March by the installation of a new water line and other construction, according to the city of Seal Beach.

The construction, already under way, is expected to last until March 28. Scheduled work areas are:

Bay Blvd., from Bolsa Ave. to 1,400 feet north, one southbound traffic lane closed through Feb. 18.

The intersection of Bay Blvd. and Westminster, one northbound traffic lane closed intermittently through Feb. 28.

Bay Blvd. between the Pacific Coast Hwy. and Bolsa Ave. will have one northbound lane closed March 17-28.



NOBEL WINNER — Space Division's Mel Clancy, at left, discusses features of Apollo 8 command module with Dr. and Mrs. Willard Libby during visit last week. A 1960 Nobel Prize winner in chemistry, Dr. Libby will perform analyses of Apollo 8 passive thermal control material in studies of solar winds.

Five Division Men to Join in Software Meet

Five division men will participate in a communications seminar on "The Software Revolution" tomorrow at California State College, Fullerton. The event is co-sponsored by the college and the Society of Technical Writers and Publishers. The seminar opens at 7:30 a.m. Taking part as panelists or moderators will be Jim Caron, Bob Cueto and Russ Romain of Quality and Reliability Assurance, Jack Rheinhardt of Design Graphics, and Charles Carter of Publications.

Atwood Honored as 'Citizen of Month'

J. L. Atwood, North American Rockwell president, has been honored by the El Segundo Chamber of Commerce as February "Citizen of the Month." Atwood is a director of the California State Chamber of Commerce.

Secretaries Plan Rummage Sale for Scholarship Fund Benefit

A rummage sale to benefit their scholarship fund will be sponsored tomorrow by members of the Stellar Chapter, National Secretaries Association. The sale will be from 8 a.m. to 3 p.m. and will be at the Rummage Shop, 7323 Eastern Ave., in Bell Gardens, one block south of Florence. All interested shoppers are invited. Holding the center of attention will be items ranging from clothing to knickknacks, vases, plastic-ceramic items, books, and toiletries. Proceeds from the sale will be used for three chapter-spon-

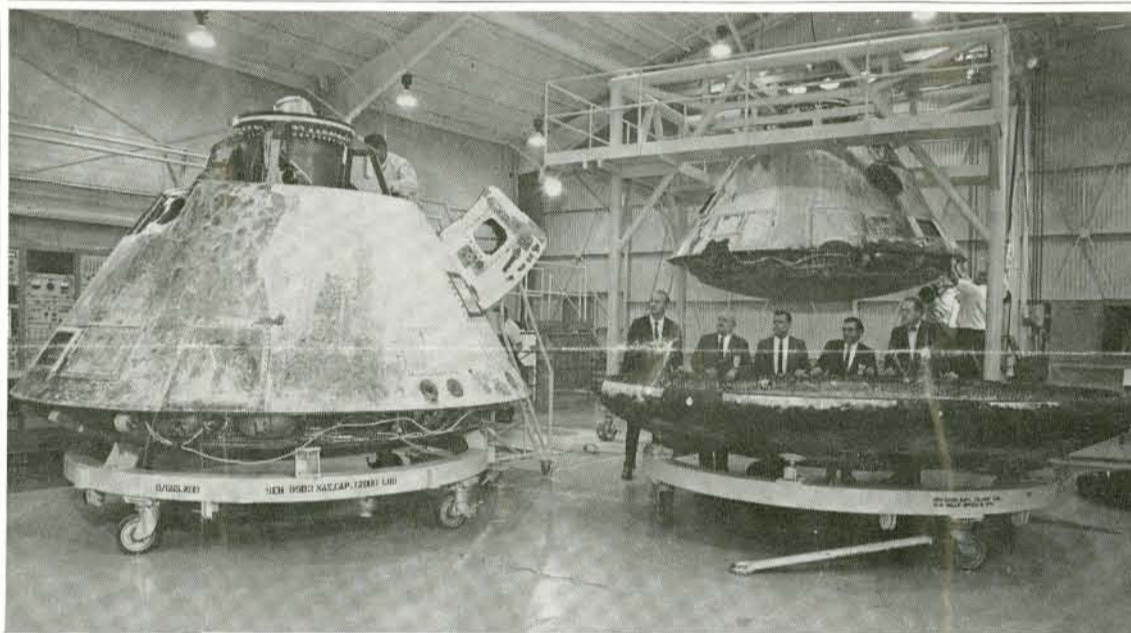
sored scholarships. Two will be awarded to outstanding Downey-area students planning to enter the secretarial field, and the other to a member of the Future Secretary's Assn.

Mitchell Will Address Numismatic Society

Ralph (Curly) Mitchell, West Coast representative of the Franklin Mint, will be the guest speaker for the division Numismatic Society (coin club) meeting Tuesday. The meeting will be held at 7:30 p.m. in Downey Recreation Center Auditorium.

Osbon To Become New VP, Product Planning, CPG

H. Gary Osbon, executive director of Industrial Systems for the Aerospace and Systems Group, will join the commercial Products Group March 1 as vice president, Product Planning. He will report to Robert Anderson, president. In this newly created position, Osbon will be responsible for coordinating all of the product planning activity of the Commercial Products Group. Osbon spent four of his 16 years with the company as chief engineer for the Apollo program, and as chief engineer for the Hound Dog missile project.



SPACE VETERANS — Apollo 7 command module, background, joined Apollo 8 "sister ship" last week in Bldg. 201 at Downey, where both are undergoing post flight testing. Watching work are, from left, division's Jerry Wilken, Harry Peck of NASA, and division's Dick Brundin, Jay White and Chuck McKim. Apollo 7 craft was returned to Downey, after Inaugural Parade for added testing.

SPORTSMEN AWARD BANQUET SLATED

Leading Downey Rod and Gun Club shooters, hunters and fishermen will be honored tomorrow night at the organization's annual Awards Banquet. The banquet will be held in the Oak Room at the Long Beach Elks Lodge. It opens with a social hour at 6 and dinner follows at 7 p.m. Guest speaker for the night is Lee Palm from Long Range Sport Fishing of San Diego.

DeAngelis and Schwab Join Award Winners

Fred DeAngelis of Apollo Material and Bert Schwab of Procurement Quality Assurance are two of the division's latest recipients of Snoopy astronaut personal recognition awards. The two men were honored for their outstanding work with division Apollo program subcontractors. Schwab was incorrectly identified as being from Apollo Material in an earlier Skywriter article.

...and How are Your Bulbs?

In a nationwide motor vehicle safety check, lights, both front and rear, were found to be the most defective equipment.

Explorer 1 Still in Orbit After 10 Years; Expected To Burn Up This Year

Explorer 1, the first satellite launched by the United States, is in its 11th year in orbit. Originally expected to fall into the atmosphere and burn about six years ago, the satellite has completed more than 60,000 revolutions of the Earth since it was launched Jan. 31, 1958. It has far exceeded lifetime expectations. The 30.8 pound satellite, six inches in diameter and 80 inches long, now circles the Earth each 98.1 minutes. Trajectory experts at NASA's Marshall Space Flight Center say it is likely the satellite will re-enter the atmosphere late this year.

S-II Stage ...

(Continued from Page 1, Column 5) Heading the various test areas were Supervisors Dale Ewald, mechanical; John Mesmer, ACE/GSE; Howard Koch, Electrical Instrumentation; Norm Rossi, Test Documents and Control, and Kenneth Earl, general supervisor of Technician Support.

Hoover To Give Precision Flight Demonstrations

Precision flight demonstrations by R. A. (Bob) Hoover, one of America's foremost pilots, will be featured during the Florida National Air Races at Ft. Lauderdale's Executive Airport tomorrow and Sunday. Piloting a twin-engine Shrike Commander business/utility aircraft, Hoover each day will execute a series of maneuvers which would be considered spectacular if performed in a fighter plane. Hoover is executive assistant to the corporate vice president, Public Relations and Advertising. Sponsored by North American Rockwell, Hoover flies the Shrike Commander and other aircraft built by the company at air fairs and celebrations throughout the world.

*** COST REDUCTION**
*** BE CREATIVE**

20 Full-Color Apollo 8 Slides Available to Company Employees

A set of 20 full-color 35 mm slides highlighting the Apollo 8 mission is the latest addition to the list of company items available to employees through the Downey Surplus Store. The set starts with the Apollo

8 lunar orbit flight plan and includes shots of the command module, lift-off, artist's concepts of flight operations, views of the Earth and the moon, and a picture of astronauts Frank Borman, Jim Lovell, and Bill Anders.

The slides list at \$4.95 and will be available to employees for \$2.85. The set and other company items may be obtained at the Bldg. 1 area and Bldg. 2 cafeterias from 11:30 to 1 p.m. Tuesday through Friday, and at Surplus Sales, on Clark between Lakewood and Imperial, on Saturdays from 8 a.m. to noon.

Also available are 8 mm color films on the Apollo 4 and Apollo 7 launches, and a variety of jewelry, Apollo/Saturn models, cigarette lighters, and space pens and refills.

Jewelry items include Apollo and Saturn S-II tie bars and tie tacks, charms and charm bracelets, a spaceman tie tack and charm, key chains, money clips, ballpoint pens, charm bracelets, and silver pen knives.

Most of the jewelry, on sale at the Surplus Store, is available in gold, silver, or rhodium.



APOLLO 8 HIGHLIGHTS — Judy Gallaher of AAP Engineering looks over set of 20 full-color 35 mm slides highlighting the Apollo 8 lunar orbit mission. Slides are latest addition to list of company items available to employees at Surplus Sales.



TOP TEAM—Joint Saturn S-II Manufacturing first and second shift team from S-II Bonding and Stage Insulation and S-II Manufacturing Engineering and Tooling played major role in key modification work leading to delivery of Saturn S-II-8 stage. First shift members of team are shown in photo at



left, and second shifters at right. Work called for addition of cork sheeting, core foam details and laminates to aft portion of stage to provide added protection against extreme aerodynamic heating in initial stage of mission. S-II-8 stage left Seal Beach Tuesday for NASA's Mississippi Test Facility.

Goal Attained by Team Effort . . .

(Continued from Page 1, Column 4) the X-15. The material was added to the protruding areas in the aft section of the stage as extra protection against the extreme aerodynamic heating it encounters during the early phase of flight, said A. C. Van Leuven, director of S-II Manufacturing. The work had to be completed before the scheduled stage delivery date.

The work involved imbedding the material in the foam insulation in all ramp, or tapered step-down, areas surrounding the stage's five liquid hydrogen feedlines, the systems tunnel, and the leading edge ramp of the forward skirt. Additional material was bonded to the adjacent flat areas.

In all, said Van Leuven, approximately 450 square feet of the cork sheeting was used, about 70 per cent of this in the aft portion of the 33-foot diameter stage.

Van Leuven gave full credit for accomplishment of the task to Al Kudenov, manager of S-II Manufacturing, and the employees of S-II Bonding and Stage Insulation, headed by General Supervisor Les Hartman, and S-II Manufacturing Engineering and Tooling, under General Supervisor Walt Jacobson.

"Manufacturing sequences had to be worked out, trimming and bonding tools had to be designed and fabricated, and task teams had to be formed for the operation," said Van Leuven. "And all under a compressed schedule to meet the Feb. 10 delivery date of the stage."

The manufacturing team was further commended by John Healey, vice president of Manufacturing and Facilities. "These men knew they had a big job to do in a short time when they were given the assignment," said Healey. "They accepted the challenge and did an outstanding job in meeting their goal."

Heading the team effort in S-II Bonding and Stage Insulation under Hartman were Supervisor Mike Mungaray and lead men Pete Verdin, Frank Fletcher, and Tom Giffin on

days, and Supervisor Herb Corey and leadmen Cal Durham, Lee Cobb, Lou Bergevin, and Gene Alsworth on nights. Also taking part were Ed Cole, supervisor of Spray Foam and his leadmen Jack Tupper and Bill Greenway, and department special assignment personnel Andy Anderson, Bill Schafer, Bill Ensley and Clark Robbins.

From S-II Manufacturing and Tooling under Jacobson were Hank Sinai and advance programmers Chuck Miller, Bill Stiles and Mike Martin; Earl Shortridge and the top planning and design team of Hersh White and Lloyd St. Marie; Aron McKelvey of Tool Engineering and Fabrication and tool engineers Joe Moore and Mat Wallace; Supervisor Glen Barnes of Tool Fabrication and leadmen Earl Trammel, Doug Jolly and Colbert Gentle on days, and Supervisor Carlos Diaz and leadmen Weaver Emery and Jack Lilly on nights.

Also making important contributions to the manufacturing effort were Paul Gallagher, day supervisor, and leadmen Arnold Jones and Harold Wood, and George Belcher, night supervisor and Leadman Everett Cobb, all from Quality Assurance, and General Supervisor Elden Murray and engineers Dale Erb and Don Robinson, from S-II Facilities and Plant Services.

Van Leuven also credited the support of Central Manufacturing's Plastics and Tooling Support Depts. In charge of the work were Don Green, general supervisor; Paul Bourne, assistant general supervisor, and Supervisor Bob McCune, of Plastics, and Supervisor Glenn Emmel and Norm Morton and Floyd Bosley of Tooling Support.

Doing the design work for the modification was a team from S-II Structural Design under Manager Sam Kreidel that included Supervisor Jack Sherlock and Oscar Nordman and Gerry Tesinsky. Testing work in Laboratories and Test was spearheaded by Manager Pete Scanlon and Cliff Newland and George Stevens.

NewsWire

Deadlines are fast approaching for engineering and scientific personnel who plan to apply for a 1969-70 Aerospace and Systems Group Science-Engineering Fellowship. Application deadline is March 3 for a Full-Study Fellowship and April 1 for a Work-Study Fellowship. Fellowships are awarded on a competitive basis to qualified employees seeking graduate degrees in certain specialties in the fields of engineering, science or mathematics.

A total of 572 small business firms in Orange County received contracts from Autometrics valued in excess of \$12 million during the 1968 fiscal year, according to figures released this week by the division's Small Business Administration office.

Apollo 9 Mission . . .

(Continued from Page 1, Column 1) trollers at Houston in mission simulations.

Phases practiced in the simulations include launch, transposition and docking, docked service module service propulsion system and lunar module descent engine burns, rendezvous and entry—all key parts of the upcoming mission.

Astronaut Challenges . . .

(Continued from Page 1, Column 3) the astronauts, Cunningham pointed out that only 800 persons of the more than 300,000 who have participated in the lunar landing program have been presented the award. Two hundred of those persons, or less than one per cent of the employees, are from Space Division.

"You have had two successes, but what do you do for an encore?" asked Cunningham.

He said, "the next flight is the Apollo 9 mission with the Grumman-built lunar module.

"You can bet that the people at Grumman are 'running scared' now, just like you here were doing in September before your first manned flight," declared Cunningham. "But its not bad to run a little scared sometimes—it keeps you on your toes and alert."

He explained that as a member of NASA's Apollo Applications Program team he would be spending more time at Downey in the future. "I'll be very interested in watching your encores," he noted.

Employees presented their Snoopy pins by Cunningham as part of the division PRIDE program included:

Homer Day, Bert Graham, Naomi Letcher, Bob Lowry,

Martin Paddock, and Don Reed, of Apollo Manufacturing Quality Assurance; Robert Billa, William Parker, Jim Pierce, William Schubert and William Treadway, Apollo Quality and Reliability Assurance.

John Derbyshire, William McKee, Charles Overbey, Aloys Striepens, A. L. Banton, William Buntin, and Frank Scott, all of Laboratories and Test; Kenneth Neary and Joseph Reder, Systems Engineering Management; Charles DeVore and Henry Gauthier, Apollo Configuration Management.

Fred Black, Rex Collins, Harold Edwards, Harley McLain and David Ratliff, Apollo Structures Assembly; Lewis Tellez and Fred Schmitthammer, Saturn S-II Structures Installation; Daniel Kennedy and William Turner, Traffic and Transportation; Otha Conway, Gene Alsworth, Jose Gomez and Fred Guinn, S-II Stage Insulation.

Beverly Grisham and Ted Finneran, Customer Relations; James Beard, Guy French, James Keller, Charles Korleski, Eugene Landauer, Victor Nardelli, Emerson Parker, Gastone Scranton and Lewis Vann, Apollo Bonded Structures.

Walter Lowe and Will Waddell, Apollo Training and Support Documentation; William Goodman, Division Purchasing; Thomas Hughes, Procurement Quality Assurance; Victor Diaco, Central Quality and Reliability Assurance; Harold Brown, Manpower Development.

Don Butler, Apollo Material; George Salchak, Apollo Service Module Installation; R. M. Boyd, Apollo Manufacturing Engineering; Russell Edwards, S-II Final Systems Installation; James Young, Interdivisional Operations; Dave Monteau, S-II Major S/A Welding and Bonding.

Garvin Kimble, Air Force Quality Assurance; Kenneth Oril, Quality Assurance, and Gerald Anderson, Tom Black and George Fiedler, project engineers, all from the NASA resident Apollo office, Downey.



SNOOPY AWARDS — NASA astronaut Walt Cunningham, left, Will Waddell of Apollo Training, and Otha Conway, Saturn S-II Stage Insulation, discuss Snoopy award prior to division Awards Night. Sixty persons were presented pins at special event.



BIG BROTHERS — Employees and youngsters in division-sponsored Big Brothers group pause during visit to Air Museum in Ontario as guests of American Fighter Pilot's Assn. Division chapter has been commended by Big Brothers of Greater Los Angeles as only one of its type in state.

Applications for Scholarship Competition Exceed 170 Requests

The 20th annual scholarship competition for the Los Angeles Area Management Association is off to a good start, according to scholarship committee spokesmen. More than 170 requests for application have been processed by the association office, and several students have already returned their completed applications.

The eligibility requirements for this competition are that the applicant must be a high school senior and be the son, daughter or dependent of an NR employee of the Aerospace and Systems Group, including wholly owned subsidiaries administered by the Group or the General Offices of NR. The parents do not have to be members of the Management Association. However, one parent must have completed a minimum of six months employment on or before March 7, 1969 and must work at an NR facility within 125 miles

of the General Offices.

Interested high school seniors who graduate, either in January or June 1969, are urged to apply for the scholarship competition. A request for application form appears in today's *Skywriter*. The official application form must be completed and returned to the association office by March 7.

Scholarships of \$3,200 each will be granted to the top-ranking young woman and young man. Selection of the winners will be on the basis of high school scholarship achievement, scores on a competitive examination to be taken Saturday, March 22, and oral interviews for semi-finalists.

The announcement of this year's scholarship awards will be made at the regular chapter membership meetings in May. The winners and their parents will be honored that night at the appropriate Chapter Meeting.

(REQUEST FOR APPLICATION)
LOS ANGELES AREA MANAGEMENT ASSOCIATION
TWENTIETH ANNUAL
SCHOLARSHIP COMPETITION
 Management Association Office E-10
 North American Rockwell Corp.
 1700 E. Imperial Hwy.
 El Segundo, Calif. 90245

I am a high school senior interested in the 1969 Management Association Scholarship competition. Please send me an application form.

PLEASE PRINT OR TYPE

My name _____ (first) _____ (initial) _____ (last)
 Address _____
 City _____ State _____ Zip Code _____

Spacecraft Metal Course Slated for 12 Weeks

A course covering metals used in modern spacecraft will be presented this month in the division Scientific/Engineering Certificate Program, according to Manpower Development.

"Metals in Aerospace Design" will begin Feb. 24 and continue for a 12-week period. The course will be given on Mondays from 5 to 7:30 p.m. Instructor will be L. J. Korb of Advanced Materials and Processes.

Metals highlighted in the course will include major alloys of titanium, aluminum, steel, magnesium, nickel, superalloys, refractory and composite materials. Also discussed will be modern fabrication techniques of forming, machining, welding, casting, brazing and diffusion bonding.

A brief background will be presented in metallurgical theory and the strength of materials. Specialized spacecraft problems will be reviewed, including space environment, space lubricants, cryogenics, impact ignition, embrittlement, corrosion and stress corrosion, as well as special requirements of boosters, spacecraft, and pressure vessels.

Interested students should have experience in the design, purchase, manufacture, testing or quality control of metals. Full information may be obtained by calling Downey Ext. 1165-6.

'Big Brothers' Laud Division Chapter Effort

The division-sponsored chapter of the Big Brothers of Greater Los Angeles has drawn the praise of Robert Underwood, organization president.

In a letter to division president William Bergen, Underwood expressed the "deep appreciation" of the officers, directors and staff of Big Brothers of Greater Los Angeles to Bergen, the company, and the division members of the chapter.

He noted that the chapter was the first sponsored by an industry in California. "In our opinion," wrote Underwood, "those employees and the North American Rockwell Corp. deserve tremendous credit for the successful operations now functioning. Thanks again for your wonderful interest and assistance at every turn."

The division chapter of Big Brothers of Greater Los Angeles will meet in the Executive Briefing Room, Bldg. 1, at 4:30 p.m. Monday. All men interested in becoming Big Brothers are urged to attend.

The division chapter is headed by chairman Al Franklin. Members of the board are Earl Kunz, Ray Martin, Joe Simpson, Ed Sack, Bill Walsh and Bob Cunningham of Space Division, and Jim Van Tatenhove and Dwight Zook of the Executive Offices.

The Big Brothers, founded in 1904, are men who volunteer to give guidance and companionship to fatherless youngsters eight through 16 years of age. Each Big Brother is carefully matched with a "Little Brother" to provide the youngster, through personal relationship, a man to talk to, a shoulder to lean on, and a friend to count upon.

Nineteen division men have been accepted as Big Brothers. Sixteen of them already have been matched with Little Brothers. On a recent outing, the division Big and Little Brothers joined with others from the area for a visit to the Air Museum in Ontario as guests of the American Fighter Pilot's Association.

SPACE DIVISION
Skywriter

J. S. Elliott
 Editor, *Skywriter*
 Judy R. Brown
 Assistant Editor

Space Division
 Tony Longo, Ext. 6468

Published weekly by North American Rockwell Corporation, 12214 Lakewood Blvd., Downey, Calif. 90241, as a service to employees.

Classified Ads

FOR SALE

- AUTOS**
 '66 TR-4, \$1595, sell/trade, 714/630-0352.
 '64 MGB, rollbar/headers, \$1600, 714/521-2219.
 '50 Ford Dune Buggy, \$450.
 '66 Mustang, stick, \$1750, 360-0474.
 '56 Ford Truck, 433-7707.
 '68 Ford Squire Wagn., 867-7868.
 '60 Falcon 4 dr., \$75, 868-2576.
 '60 Dodge Dart, V8, 861-7806.
 '63 Chrys. Imp., \$1200, 861-4639.
 '52 Studebaker P/U, \$150, UN 4-8185.
 '66 Buick Skylark, \$1700, 862-7628.
 '62 Buick Spel. Deluxe, Convert., 714/826-8737.
 '68 Buick, Free Equity, 714/545-8515.
 '60 Rambler, 4 dr., 714/827-3511.
 '65 El Camino, f/power, \$1275, 376-3192.
 '63 Impala, f/equip., \$850, 213/439-8047.
 '67 VW Sedan, \$1500, 714/536-6312.
 '69 Toyota, 4 dr., Corona, stick, 10 mo. warranty. Walker (D), 679-0989.
 '64 Buick, Skylark, Sports coupe, full pwr. make offer. Shellhorn (D), 545-5133.
 '60 Olds, 88, \$295, Lyon 377-5402.
 '65 VW Squareback, 213/862-2473.
 '65 VW \$950, 430-0293.
 '63 Ford Galaxie Conv. 213/425-7505.

- MOTORCYCLES**
 '68 Honda, \$325, 714/827-0115.
 Honda S90, 213/421-2935.
 '64 Honda 305, \$150, 863-1967.
 '66 Triumph TR6, 350cc, 213/869-7463.

- HOMES**
 3 br. home, Lakewood, 213/630-5565.
 3 br., 2 ba., N. Downey, 213/927-9630.
 3 br., 1 1/2 ba., 4 1/2% loan, 714/LA 1-6034.
 3 br., pool, Anaheim 714/772-4935.
 3 br., 2 ba., pool, \$45,000, 861-4639.
 4 br., 2 ba., Downey, 213/869-5936.

- APPLIANCES**
 Refrigerator, apt., \$35, 714/536-8379.
 Auto. washer, Maytag, \$65, 714/826-1396.

- FURNITURE**
 Piano, spinet, walnut, 923-3507.
 TV 25" Color, \$400, 631-7089 (am).

- BOATS**
 Ski Boat, Regatta 110 hp, 867-4202.

- REAL ESTATE**
 Lot, Big Bear City, 429-1192.
 Lot, Big Bear City, 434-5116.
 10 acres near Calif. City, 329-0647.

- PETS**
 Poodles, Min. AKC, 213/861-3725.
 Poodle Pups, Male, 6 wks., \$15, 923-4889.

- MISCELLANEOUS**
 TR3 Bucket Seats, \$10, 714/636-3536.
 Table Saw, 8" Electric, 433-7707.
 Cycle jacket/helmet, 213/861-5497.
 35 mm Pentax Camera w/3 lenses, 421-2935.
 Redwood Patio Set, \$25, 714/284-4197.
 Portable tape recorder, Mercury, 421-2935.
 35 mm Slide Trays, 861-6157.
 Hospital Bed, 421-2935.
 Recorder, Elco RP-100, TO 1-4022.
 2 tickets—ASPEN, NR ski trip, 861-0576.
 VW Headers, \$25, ME 3-3998.
 China, Noritake "Isabella", \$35, 923-6879.
 Surfboard, Ole 97", \$30, TO 6-4248.
 Scope, Tektronix Mod. 310A, \$250, FR 9-6419.
 Jeep Sta. Wagn. parts, 2/4 wheel dr., 869-9851.
 Air Compressor w/attachments \$65, 213/596-0645.
 Surfboard, 10'4", 892-9674.
 Surfboard, 9' Kahanamoku, \$100, 962-4139.
 Hanging Lamp, 213/925-3091.
 Pool Table, \$75, 925-3091.
 Pool Table, \$95, OX 3-0235.
 Bass Guitar, 213/631-7047.
 Bike, Schwinn 10-spd racer \$45, 675-9201.
 Mink Stole — Mk. Offer, 808-5027.

- WANTED TO BUY**
 Renault, used, \$20, 714/774-5948.
 Pup, male cocker, 714/962-3697.
 8' camper w/extras, 327-1292.
 S&H green stamps/for blue, 714/AX 5-4785.
 Blue for Green stamps, 213/861-5497.

- RIDE WANTED/OFFERED**
 ASPEN—share driving & expenses, 378-7545.
 Cherry/South St., 422-7464.

- ODDS AND ENDS**
 Free Pups, mixed breed, 925-1664.
FOR RENT
 3 br. furnished/or unfurn., 531-9869.



SATURN S-II HONOREES — Supervisor John Mesmer and employees of the ACE/GSE team, left photo, are presented Saturn S-II Stage Checkout's semi-annual Stage Effectiveness Award for outstanding performance in checkout of S-II-8 flight stage. Making presentation is Manager Milt Petersen, left fore-



ground. In photo at right, Petersen presents semi-annual Unit effectiveness award to Supervisor Bob Strand and personnel of Quality and Reliability Assurance, cited as the unit most outstanding in performance of its daily duties during past six months. Awards are made through division PRIDE program.