

AAP REVIEW—Jim Gates of division Apollo Applications Program, at podium, goes over slide during opening session of last week's division-NASA Apollo Applications Program (AAP) Preliminary Design Review. Included in review were check of proposed craft configuration, program plans and technical specifications. More than 200 persons took part in week-long review from division and NASA's Manned Spacecraft Center, Marshall Space Flight Center, and Kennedy Space Center.

APOLLO 9 COUNTDOWN TO BEGIN THIS WEEKEND AT KSC

The pre-launch countdown leading to the planned Feb. 28 lift-off of Apollo 9 is scheduled to begin Saturday afternoon at NASA's Kennedy Space Center.

The countdown is the final mechanical preparation of the complete launch vehicle-spacecraft stack and affected ground support equipment to insure all is ready for lift-off. The launch is scheduled for 7 a.m. California time.

Crewmen for the flight are Jim McDivitt, commander; Dave Scott, command module pilot and Russell Schweickart, lunar module pilot.

The 10-day mission will be the first for the "all-up" lunar-configured Apollo spacecraft and is aimed primarily at demonstrating for the first time in Earth orbit the lunar module operations and performance with astronauts aboard.

The combined Apollo command and service modules and lunar module will operate in Earth orbit in the same manner in which the lunar landing mission will be flown.

Apollo 9 will include the first docking in the Apollo program and the initial extra-vehicular activities. The command-service modules and the lunar module also will perform a rendezvous simulating as closely as possible the maneuver they will perform in lunar orbit following the LM's take-off from the moon.

Television coverage for the flight includes the launch phase, a period during the initial evaluation of the lunar module systems, a period during the extra-

vehicular activities, and during recovery.

During the latter part of the flight, a camera experiment is planned as part of the NASA Earth Applications program. The Apollo 9 crewmen will use a multispectral camera — composed of four cameras with different filters — to photograph the earth.

NASA hopes to deduce from the photographs new methods of inspecting Earth's natural resources from orbiting spacecraft. Photographed will be crops, forests, and the continental shelves where future generations may harvest much of their food.

Division Engineers, Scientists Observe Engineering Week

The Apollo lunar landing program, hailed as one of the greatest engineering feats in history, and the contributions of division engineers and scientists were spotlighted this week in the annual national observance of Engineer's Week.

Helping to spread the word on the program and its status at 10 events in eight cities across the nation were six division speakers.

Dr. Milton B. Hammond of Advanced Environmental Systems returned to the campus from which he received his Ph.D. in engineering when he spoke before engineering students and faculty members at SC. Hammond also spoke at the Kellogg campus of the Cali-

SATELLITE NEWS

Beryllium Booms Fabricated for Antenna System

Space Division's advanced manufacturing capability was spotlighted in the development of antenna booms for the huge Tactical Communications Satellite launched earlier this month.

Under subcontract to Hughes Aircraft Co., Central Manufacturing fabricated 13 beryllium booms for use in the satellite antenna system. Six were used on the flight craft, six on a

(Continued on Page 3, Column 3)

fornia Polytechnic Institute-Pomona.

Don Schnauffer, assistant to the vice president of Manufacturing and Facilities, is speaking at American Institute of Aeronautics and Astronautics chapters in Pittsburgh, Syracuse and Cleveland.

Featured speaker for the Los Angeles Section of the AIAA (Continued on Page 3, Column 4)

M-G-D Merger with NR Approved in Principle

North American Rockwell and Miehle-Goss-Dexter, Inc., announced Tuesday that the boards of directors of both companies have approved in principle the proposed acquisition of MGD by NR. Executives of the two companies said that it was anticipated definitive agreements would be approved before the end of the month.

The transaction is subject to approval of the shareowners of both companies and to obtaining a ruling from the Internal Revenue Service that it may be effected on a tax free basis.

One of the world's major manufacturers of printing equipment, MGD makes letterpresses and offset presses; magazine and rotogravure presses; automatic binding equipment; paper cutting machines; and folding carton equipment. It also manufactures pneumatic systems and auxiliary equipment.

NORTH AMERICAN ROCKWELL CORPORATION
VOL. XXIX, No. 8 (Aerospace and Systems Group) FEBRUARY 21, 1969

NR Executives Hail Technology Exchange

Company Progress Emphasized at 1969 Shareowners Meeting

Exchange of technology among the divisions of North American Rockwell Corporation has been one of the most promising developments of the year, approximately 700 shareowners attending the 1969 annual meeting at the Century Plaza Hotel were told Tuesday.

During presentations by Willard F. Rockwell, Jr., chairman of the board; J. L. Atwood, president and chief executive officer; John R. Moore, president, Aerospace and Systems Group, and Robert Anderson, president, Commercial Products Group, shareowners heard that the corporation is investing in the future on a far-reaching scale.

In the first month after North American Aviation, Inc., and Rockwell-Standard Corporation merged in September, 1967, the newly created North American Rockwell Corp. was involved in 28 projects of technology exploitation.

"A year later," Anderson stated, "we were working on 159 such programs involving interaction between the various divisions of the corporation."

"In a number of these we have already made improve-

ments and savings in manufacturing processes, such as welding, in various parts of the company. In others we are making significant product improvements, such as electronic brake control and better design of commercial aircraft."

The technology exchange also is leading to the creation of new products. Examples cited included an electric motor developed by aerospace engineers and

(Continued on Page 2, Column 4)

CHANGES APPROVED FOR RETIREMENT, SAVINGS PROGRAMS

Shareowners Tuesday approved the proposed amendments to the company savings plan and the retirement plans.

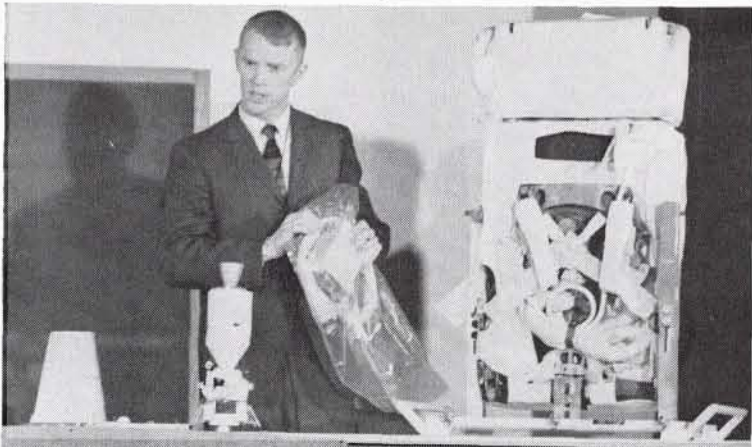
The amendments to the Salary and ATP savings plan, providing an increase in company contributions from the current 50 percent to 75 percent, will become effective March 1, 1969. The amendments also provide that the company contributions will thereafter be held in a separate fund and invested solely in NR common stock.

These changes and other savings plan modifications are explained in a new booklet which will be mailed to employees next week.

Changes in the retirement plans are subject to approval of the Internal Revenue Service. They will be explained in detail when that approval has been given.



SHAREOWNER'S VIEW—Before and after meeting, shareowners viewed major exhibits such as this mock-up of the Beaver undersea vehicle. Products and systems of Aerospace and Systems and Commercial Products groups were described for visitors.



EVA PREVIEW—Astronaut Russell Schweickart, lunar module pilot for Apollo 9 flight, demonstrates remote control panel for portable life support system (PLSS) he will use during extensive extra-vehicular activities planned during 10-day mission. Flight is scheduled for lift-off next Friday morning.



QUALITY CREW—Quartet of Saturn S-II Manufacturing Quality Assurance employees hold certificates of achievement for "Zero Escape Rate" presented them by Chief J. O. Ronningen, left. Honorees, from left, are Jack Potter, Fred Black, Anthony Kaptain and Elaine Anderson. Awards, presented as part of PRIDE program, go to top department employees in each quarter.

Dr. Nathan Snyder Presents Paper on Heat Transfer

Dr. Nathan W. Snyder presented a technical paper on "Mass Transfer Model in Subcooled Nucleate Boiling Heat Transfer," today at the Science Center. Snyder is assistant to the Group's senior vice president — Research and Engineering.

His paper was based on an hypothesis which explains the reason why heat transfer increases enormously in boiling, due to an evaporation-condensation mechanism inside the bubble during its lifetime.

Snyder first presented this theory more than a decade ago, when he was a professor in engineering at the University of California, Berkeley.

Before that he was a member of the Advanced Research Projects Agency and the Institute for Defense Analysis in Washington, from 1958 to 1961 during the initiative period of the U.S. space program. He was involved in advanced propulsion and space power.

Snyder served on the space technology panel of former President Johnson's Science Advisory Committee.

He also was a member of the Research Advisory Committee on Nuclear Energy Systems, and on Power Systems and Electric Propulsion to NASA.

He is currently a member of the Scientific Advisory Board to the Air Force.

Blood Donors To Get Cards for March 16

Donor cards were in the mail this week to Seal Beach facility employees for a blood bank to be held at the site March 13.

The Blood Bank will be in Bldg. 80 Auditorium from 9:30 a.m. to 3 p.m. Employees, who wish to contribute and who do not receive donor cards, should call Blanche Parkhouse, Welfare, at Seal Beach Ext. 4018.

ENGINEERING-INFORMATION AID GOES 'ON-LINE' NEXT WEEK

Space Division's capability to quickly respond to in-house needs for engineering information will be enhanced next week when a new computer audio-response system goes "on-line."

Scheduled to be operational Monday is the Engineering Release System (ERS), which replaces the "DOES" and "EDICT" engineering information systems, said W. E. Castrey, Management Systems Engineer.

To obtain engineering document status information, employees throughout the division need only dial the specified telephone extension to obtain a direct connection with the ERS equipment. The computer then automatically searches the files and provides the latest information relating to the particular document.

Castrey said that Apollo and Apollo Applications Program engineering drawings information may be obtained by dialing

Ext. 7911; Saturn S-II information is available by dialing Ext. 7912, and specifications and other related engineering documents information is available on Ext. 7913. All extensions are at the Downey facility.

NR Executives ...

(Continued from Page 1, Column 5) about to be sold through the company's Boston Gear Division, and automated knitting machinery.

Atwood said that acquisitions and joint ventures are two areas that have major impact on progress of the corporation and, eventually, return on investment.

"We are actively seeking strong companies, in this country and abroad, which will fit into our acquisition plans," Atwood said.

"When we consider mergers and acquisitions we are primarily interested in companies with which our technological capability is compatible, and to which our management and marketing talents can make a realistic contribution.

"In the past year," he added, "using these guidelines, we've brought six companies into the corporation."

Atwood also announced the setting of a 10-year annual sales goal of \$6- to \$7 billion a year.

Moore said that the Aerospace and Systems Group is engaged in a maximum effort to win some combination of the U.S. Air Force F-15 and AMSA contracts for aircraft and avionics. The F-15 is to be an advanced air superiority fighter aircraft weapons system.

Moore also stressed several joint ventures under way or nearing completion. These included development with Mobil Oil Corp. of a total system for more efficient drilling operations and oil recovery at great ocean depths; a joint-venture company with Gould National Batteries, Inc., to produce and sell electro-chemical timers and batteries using solid electrolytes.

Shareowners also voted to ratify the re-appointment of Haskins & Sells as NR's independent auditors for the current year and approved an amended incentive compensation plan.



PATENT AWARD — T. H. Seitz, left, receives \$500 company Invention Award check from Norm Ryker, vice president of Research, Engineering and Test. Seitz invented an insulated tank designed to hold cryogenic liquids for long-time periods. The tank is an evacuated double-walled vessel for cryogenic fluid storage developed under company research-development program.

2,750 INNOVATIONS REPORTED FOR POTENTIAL INDUSTRIAL USE

By the end of this year, the National Aeronautics and Space Administration will have announced more than 2,750 technical innovations of potential use in industry, medicine and other non-aerospace applications.

Recent ones range from a miniature paint spray gun to an automatic alarm that keeps watch over hospital patients suffering from breathing difficulties.

New ideas like these are by-products of research and development work by NASA scientists and engineers, and those of its contractors, in practically every field of technology.

To build machines that can keep men alive in space, they have had to design valves, pumps, filters and switches.

They have devised miniature medical sensors to monitor the astronauts' reactions to stress. They have vastly extended the range of communications equipment for flights to the moon and beyond, and have developed compact computers, improved electric power sources, new alloys, new adhesives and

new lubricants.

Technical advances that may be useful outside the space program are announced in single-sheet bulletins called Tech Briefs, or described in more detailed publications issued by the NASA Office of Technology Utilization.

That office also sponsors a number of experimental projects to stimulate secondary use of new knowledge resulting from NASA work in space and aeronautics. In one, a number of universities operate centers that provide business firms with specialized information services based on NASA's worldwide collection of nearly 400,000 scientific and technical documents.

Another center reviews NASA computer programs to see which ones might be useful to others and sells these at the cost of handling and reproduction.

In the medical field, three NASA-supported teams of scientists and engineers help researchers define their technical problems and then seek answers from NASA documents and experts at NASA laboratories.

APOLLO 8:

Rigorous Test Proves Apollo 'Magnificent'

An inch-by-inch inspection of the Apollo 8 moon-circling spacecraft by division engineers has confirmed the verdict of its astronaut passengers that it was a "magnificent piece of machinery."

The confirmation was the result of a rigorous 28-day, post-flight test program just completed, said Norm Casson, manager of Apollo Spacecraft Checkout.

Following splashdown in the Pacific, the Apollo 8 command module was returned to the Space Division, where it was stripped of its heat shield. The command module was eyeballed, checked, scraped, probed, repowered, disassembled, leak-checked, photographed and tested electronically during the 28-days, Casson said.

Around the lower outside edge, the complex of aluminum and stainless steel fittings, valves and pipes were as shiny as the day they were installed in the command module.

Without the heat shield, there was no visible evidence of wear or tear in the cone-shaped craft that underwent heat of 4,700° F. on entry and flew faster—24,695 mph — than any other manned spacecraft.

A time-and-distance report by division engineers calculated the command module flew 650,000 miles during its 147-hour mission. Its astronaut crew totaled 441 man-hours during the flight.

Test engineers said the heat shield's cover of ablative material, a type of reinforced plastic, was charred a fraction more than one-half inch on the bottom section, which takes the brunt of the heat.

Fogging of the command module's side and hatch windows, reported by the crew during the flight, was caused by gas released from silicone sealant around the windows. This resulted in the formation of an oily film on the surface, which froze in flight. The two rendezvous windows remained clear at all times. Window sealants in future spacecraft are being cured longer before installation.



SPACE PROSPECTING — Dr. Abdel Gawad, of NR's Science Center, spoke at the Space Division's 15th Interdivision Seminar last week on how Earth resources particularly petroleum, may be discovered through examination of photography from space. Dr. Gawad detailed advantages of standard color photography, infra-red film, radar and microwave images.



TWO IN ROW—Apollo Spacecraft 114 service module was fabricated with no defects by Apollo Service Module Structure Installation Team, making two in row completed without errors. Team has sights set on adding SC-115 service module to string.

PRIDE IN PERFECTION

Apollo Service Module Structure Installation Comes Through Again

The "sign of perfection" is again being displayed by employees in Apollo Service Module Structure Installation, who have completed their second consecutive error-free Apollo spacecraft service module.

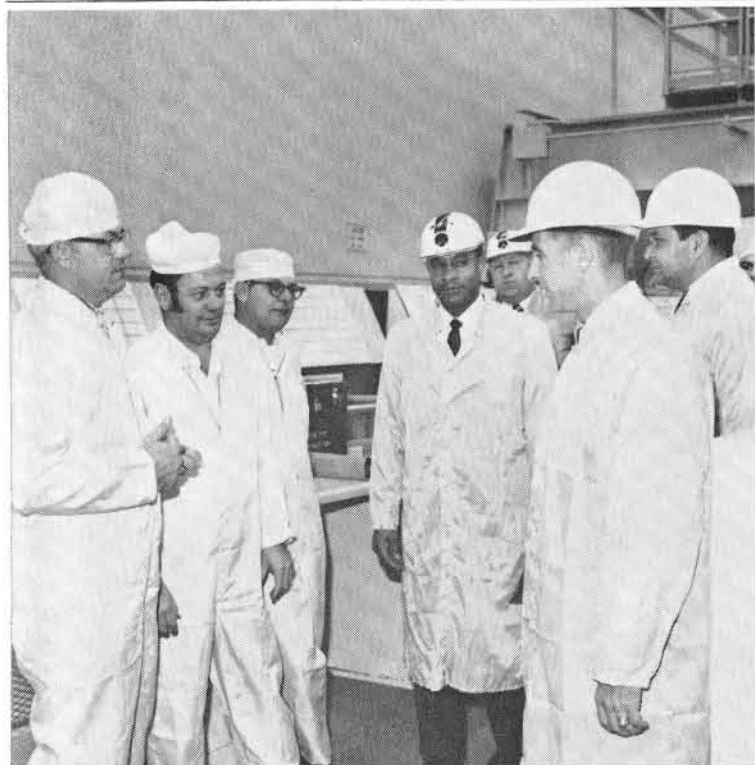
Latest to be added to the department's string is the service module for Apollo Spacecraft 114, said General Supervisor Tony Ciotta. It makes a total of six of the team's last 10 service modules to earn the defect-free rating, after undergoing the thorough inspection cycle the modules are put through prior to beginning systems checkout.

Taking part in the high-quality work were Jess Hill and

Hal Gordon, special assignments, and leadmen John Buzze, Kenny Holladay, Don Kreitz and Orville Harris.

On the various teams were Jim Keife, Willie Draughn, Frank Sprague, Roy Parrish, Bernie La Berge, Jimmy Rodela, Ed Johnson, Les Threlkeld, Oscar Pieper, Cecil Stafford, Bernard Fears, Ernie Taite and Al Roman.

Supervisor Norm Hewitt headed the Inspection crew that included Leadman Morton Gersten and Lee Culp, Pauline Schwartzrock and Roger Kleven. Larry McCarthy was the inspector for the NASA Apollo resident office at Downey.



APOLLO REVISITED—Astronaut Bill Anders, right foreground, lunar module pilot for Apollo 8, chats with Bob Baughman, left, Edmon Beshears, Paul Rodko, and Norm Casson during visit to Bldg. 90 clean room Tuesday. With Anders was Joe Cuzupoli, right, who was division assistant program manager for Apollo 8 spacecraft. In telecast earlier, Anders commended employees for their contributions to success of Apollo 8 and urged personnel to continue their outstanding work on Apollo program.

OSO Moves in to New Quarters

Ocean System's manufacturing and test facilities this week were in their new "home" at Seal Beach's Bldg. 86—a home which will house the fabrication and assembly of the second Mark IV Beaver as well as other division-initiated underwater projects.

The successful relocation of personnel and equipment from the Compton facility was completed last week under the direction of Facilities Supervisor D. A. McVeigh and C. E. (Chuck) Johnston of Industrial Engineering.

A test tank, which is currently being utilized to test manipulator arms in a series of underwater tasks, is the only OSO operation remaining at Compton. This test program is scheduled for completion in the spring.

The relocation, in line with the division objective to vacate leased facilities and improve utilization of company-owned properties, consolidates Ocean Systems activities to the Seal Beach and Long Beach facilities. OSO's ocean underwater testing facility is located at Fisherman's Cove on Catalina Island.

Satellite Antennas . . .

(Continued from Page 1, Column 3) prototype test model, and the remaining boom was a test article, said Fred Burry, director of Central Manufacturing.

Developed under the direction of the Air Force Space and Missile Systems Organization (SAMSO), the 1,600-pound, two-story-tall satellite is the most powerful radio relay craft ever built. It is designed to relay messages between small remote military units and their headquarters.

The satellite went into a stationary orbit about 22,300 miles above the Earth.

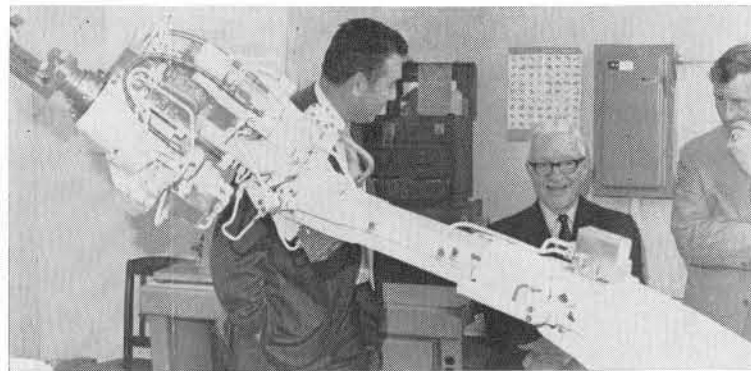
The satellite's division-built booms were made from extruded thin-wall beryllium tubing. After being extruded, the one-eighth-inch-thick tubing was selectively chemically milled to wall thicknesses as thin as .020 of an inch.

Burry pointed out that this is the first time the extremely brittle, lightweight beryllium has been used in thin-wall tubing.

In performing the work, Central Manufacturing had to develop the process for selective chemical milling of the tubing, and devise tools to grind the boom's riveted collars and techniques and tooling to drill holes in the booms.

Burry explained that the benefits of using beryllium for the booms resulted from its light weight and stiffness. As an example, he said beryllium is about two-thirds the weight of comparable aluminum tubing and five times more stiff. The stiffness was particularly important in holding the satellite antennas in the proper alignment.

Heading the project for Manufacturing were Del Kern, Neil Packer and Charles Olsen, all of Manufacturing Development. Departments involved in the work were Sheet Metal Fabrication, the Engineering Model Shop, Plastics and Advanced Projects, the Quality Control Laboratories and Laboratories and Test.



OSO LOOK—Paul Mayer, left, chief engineer for Ocean Systems Operations, explains function of Beaver IV work boat manipulator arm to Col. Willard Rockwell, center, honorary board chairman, and Jim Brooks of EO during OSO facility visit.

Third AIAA Space Simulation Conference Slated in Houston

Jack Waite, North American Rockwell director of Southwest Regional Offices, A&SG, Houston, is administrative chair-

man for the American Institute of Aeronautics and Astronautics' (AIAA) Third Flight Test Simulation and Support Conference, to be held in Houston, Tex., March 10-12.

Division Engineers . . .

(Continued from Page 1, Column 3) this week was Mike Vucelic, manager of Apollo Systems Engineering. Vucelic also addressed engineering students and faculty at California State College Long Beach.

B. J. Long, manager of Program Support, will speak tomorrow to the San Diego Section of AIAA, and Jerry Wheeler of Mission Requirements was the guest speaker for the Los Angeles Chapter of the International Standard Engineers Society. Bob Eggert of Public Relations was spotlighted as banquet speaker at California State Polytechnic College, San Luis Obispo.

Other NR personnel who are assisting in the technical sessions are: C. E. Cook, A. G. Lane and T. T. Smiley, Columbus Division, and R. L. Nelson, Rocketdyne.

The three-day conference will be divided into the following sessions: Monday—Support Systems-Onboard Checkout and Ground Support Equipment for Space Vehicles and Aircraft; Ground Testing and Simulation; Tuesday—Flight Test, Development of Simulation Equipment and Awards Banquet; Wednesday—The Ground Test-Flight Test Interface (Panel) and a field trip to NASA Manned Spacecraft Center.

F.G. LARKIN, JR., B.M. ROCKWELL ELECTED COMPANY DIRECTORS

North American Rockwell Tuesday announced the election of two new directors and declared two quarterly dividends.

Shareowners at the NR annual meeting elected to the board Frederick G. Larkin, Jr., chairman of the board and chief executive officer of Security Pacific National Bank, Los Angeles-based statewide bank, and Bruce M. Rockwell, vice president of First of Michigan Corporation, Detroit, the largest Michigan investment banking firm. Shareowners also re-elected 17 directors.

Following the annual meeting, the board of directors declared the usual quarterly dividend of 50 cents (\$0.50) per common share, payable March 24, 1969, to shareowners of record Feb. 28, 1969. Directors also declared the regular quarterly dividend of

\$1.1875 per share of Series A preferred stock, payable April 1, 1969, to shareowners of record Feb. 28, 1969.

Larkin also is a director of Getty Oil Co., Pacific Mutual Life Insurance Co. and Southern California Edison Co., as well as the president of the Southern California Symphony-Hollywood Bowl Assn. and a director of The Music Center Operating Co. He is the chairman of the American Bankers Association's Governmental Borrowing Committee, and he represents the Twelfth Federal Reserve District on the Federal Advisory Council.

Rockwell also is the president of the Detroit Basis Club, a director of the Bond Club of Detroit, and a trustee of the Municipal Advisory Council of Michigan.



F. G. Larkin, Jr.



Bruce M. Rockwell



"WORLD" RATED — Jo Jo Starbuck, daughter of Alice Starbuck of Apollo Test Operations, and partner Kenneth Shelley will be among 11 skaters who will represent U. S. in next week's World Figure Skating Championships at Colorado Springs. Duo took second in the recently-held North American Championships.

16-Year-Old Larry Pomatto Has Fingers in Many Electronic Pies

Marina High School of Huntington Beach has its own Mr. Wizard — 16-year-old Lawrence Pomatto of the Special Interest Explorer Post, which is sponsored by the division's Seal Beach facility.

The youth's most recent endeavor, a display on the "Design of an Analytic Computer," won him a trip to the National 4H Congress in Chicago. The Marina High senior was one of 42 selected to attend the event from nearly 50,000 competing state 4H members.

Young Larry's achievements include winning several first place ribbons in the electrical division of the Orange County Fair, the Sweepstakes Award in the local Science Fair and the publication of a scientific paper entitled, "Fuel Cells — Space Age Generator of the Future." He also is a regular on his high school honor roll.

Larry's latest projects include the design of an intercom for playing music between classes

at Marina High School and the design and construction of a more efficient smog device. He also developed a light board to be used in place of fireworks at Marina High's annual Homecoming, and a scouting program that coaches can use in determining their opponent's next move.

In his spare time, Larry is taking entrance exams for various universities he would like to attend. He also is going to night school at Goldenwest College to obtain his "ham" radio operator license.

ATS Processes Data Through A&SG Network

Administrative Terminal System, a computerized system for processing at a central location assorted texts and data from remote points throughout the Aerospace and Systems Group, is now in operation.

The central location for the system is at Autonetics where the ATS services the text requirements for all A&SG operating divisions. Later this year a new computer will provide an even more modern system.

The system's time is shared from remote terminals at all divisions, and ATS can quickly process almost every form of document produced by the company, from complicated and lengthy new business proposals to updating a standard document.

The ATS began as a pilot study in January of 1967 and has been in operation ever since. Through the system, hundreds of various documents can be revised, updated or prepared from scratch in less time and at less cost than conventional manual methods, by virtue of the computer's vast memory capacity.

Even such perfunctory chores as making error-free proofreading corrections, adjusting margins, sequential page numbering and proper line spacing are performed by the computer, relying on its extensive capabilities.

Golf Tourney Transferred to San Clemente

The division Monthly Golf Tournament, scheduled for the Corona National Golf Course on March 2, has been changed to the Shore Cliffs Golf Course in San Clemente, it was announced this week.

Shore Cliffs is an 18-hole, 6,147-yard, par 71 course. Interested golfers can register at the Recreation and Welfare offices in Downey, Ext. 6734, or Seal Beach, Ext. 4018.

Lawrence Wins Sports Trophy as 'Leader'

A sparkling new trophy bearing the inscription "Sportsman of the Year" is on display in the home of Roger Lawrence.

Lawrence, of Recreation and Welfare, was commended by the division Rod and Gun Club as its leading member of the past year. In earning the honor, Roger joins his father, Cliff, of Saturn S-II Manufacturing, who was presented the award in 1966.

At the same time, Roger was the recipient of trophies as the club's all-around hunter and for taking the largest fresh water bass. Also winning honors at the club's annual awards dinner last week were:

Bob Harn, best over-all fisherman and largest trout; Ray Farmer, best fresh water fisherman; Bill Henry, best salt water fisherman; Lou Slimmer, largest yellowtail.

And Cliff Lawrence, largest game bird and largest corvina; Dick Thomas, largest deer; Larry Pearson, most varieties of game; Al Abbott, most predators; Bob Walker, best with pistol; Bob Slaughter, best with shotgun, and Mark Miller, best with rifle and Al Abbott for the outstanding catch, a 30-inch German brown trout.

Special award plaques, recognizing outstanding service to the club, were presented to Cliff Lawrence, Art Rawlings and Dave Branscome.

Featured speaker for the night was Lee Palm of Long Range Sportfishing of San Diego.

Classified Ads

FOR SALE

AUTOS

'57 T-Bird, \$1,800. OX 2-4116.
'55 Thunderbird, \$1500. 860-2570.
'63 Dart \$595. 430-0293.
'67 Corvette, 631-0725.
'57 Chevy 1/2 Ton, Hydro. 213/FR 2-6771.
'57 Nomad Chevy \$325. 865-0016.
'68 Bonneville Sta. Wagn. \$3800. 714/630-2642.
'58 Fiat Roadster, \$225. 714/879-5365.
'67 MGB, 213/434-0288.
'51 MG 714/546-3724.
'61 Chevy (348) Nomad Wagon, make offer. 637-1979.
68 Toyota, 4 dr, Corona. 675-7868.

MOTORCYCLES

'66 Triumph TR6, 650cc, 213/869-7463.
'68 Honda 160 Scrambler, ME 3-3226.
'65 BMW 1800TI \$1350, 213/370-0859.

HOMES

4 br. 2 bath, Downey. 213/869-5936.
1/2 Acre, near level view lot, PV Estates, 378-9614.

APPLIANCES

Automatic washer, Sears, \$35. 213/634-2334.
30" Gas Range, \$50. 426-4304.

BOATS

Ski Boat, 16' Regatta, Merc 110 hp. 213/867-4202.

WANTED TO BUY

Lrg. Old Lionel Train. 714/826-1396.
Engine for '49 Desoto. 213/537-1362.

RIDE WANTED/OFFERED

Wanted—La Habra-Seal Beach, 7:30-4:30, Imperial & Euclid. 714/871-0045.

FOR RENT

1 br. Apt. Patio/gar./heat \$110. 714/838-1281.
Home, Huntington Bch. \$175. 213/592-1574.

REAL ESTATE

1/2 Acre Near-level view lot, PV Estates, Olsen (D), 378-9614.



REMINDER — Rosemary Miller, division president William Bergen's secretary, reminds employees that 1969 license tags should be put on license plates as soon as possible. Tags should be affixed to the upper left-hand corner of rear license plate.

New Dispensing Optician Joins Downey Facility Optometry Office

Sy Cohen, a dispensing optician with more than 20 years' experience, is the latest addition to the division Downey facility Optometry Office.

Cohen joins the team of Drs. Stanley Pearl and Lawrence

Fromm and Joe Roberts, the dispensing optician for the Seal Beach office.

The Downey office is located in the southeast corner, first floor, of Bldg. 5, and is open from 8 a.m. to 3:45 p.m. on Monday, Wednesday and Friday, and from 1-7 p.m. on Tuesdays. Located on the first floor of Bldg. 80 adjacent to the Countervend, the Seal Beach office is open from 7:30 a.m. to 3:30 p.m. on Monday and Thursday.

The optometry office provides complete eye examinations and prescriptions. Available are both safety and regular eyewear for men and women, as well as a full line of eyeglass frames.

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.

MOD SIR WALTER

Thank-You Extended to 'True Gentleman'

A division "gentleman" — unfortunately unidentified — has been hailed for his thoughtfulness in stopping to aid a young lady in distress during a recent rainy day.

The man was cited in a letter to Public Relations carrying the request that it be printed in *Skywriter*. Addressed, simply, to "The Gentleman: North American Rockwell, Downey," it read:

"Thank you very much, you are a true gentleman for stopping and helping me with my flat tire that day, that rainy day of 6 February, 1969.

"Knowing it would probably make you late for work, you still stopped to inquire. I waited 10 minutes for someone to stop and help me, (but) all I received were stares as they drove by.

"You were so nice to stop and help that I would like to thank you this way—through your company newspaper. Not knowing your name, I was unable to send you a 'thank you' card.

"In reading this, you will know who you are, for there aren't very many gentlemen like you around."

"Thank you again from a very appreciative young lady."



SPORTSMAN OF YEAR — Roger Lawrence, left, is congratulated on being named Rod and Gun Club's "Sportsman of Year" by Lee Palm of Long Range Sportfishing. Palm was guest speaker for club's annual "Awards Night" banquet held on Saturday.