

SPACE DIVISION

Skywriter

NORTH AMERICAN ROCKWELL CORPORATION
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Company Announces Scholarship Winners

Space Division Places Nine Among 21 Boys, 16 Girls

Nine children of Space Division employees are among the 21 sons and 16 daughters of employees in six operating divisions and the Executive Offices who have been selected as winners of the 1969 college scholarship competition.

The winners were announced this week by Francis D. Tappan, chairman of the scholarship committee.

Division winners included: Donald W. Adling, son of Donald W. Adling; Kenneth C. Austin, Jr., son of Kenneth C. Austin; John L. Carlton, son of John C. Carlton; Roger S. Eldridge, son of Charles W. Eldridge; Laurence W. Griggs, son of B. W. Griggs; Richard Heine, son of Philip H. Heine; Charles R. Macias, son of Charles I. Macias; Dina L. McMullin, daughter of Everett McMullin; Eugene L. Schemper, son of Loyd A. Schemper.

The committee selected the winners from among 70 semifinalists on the basis of comparative test results, detailed scholastic and other information obtained from the students' high schools, and other available indications of capability, achievement, and college and career potential. The selections involved difficult choices for the Committee because of the extraordinary caliber of the entire semifinalist group. To illustrate the outstanding capability of the group, Tappan noted that the lowest test score of any semifinalist on the Scholastic Aptitude Test given by the College Entrance Examination Board was higher than the test scores of 95 percent of the high school seniors taking this test nationwide. The median score of the 70 semifinalists in the company program was higher than that scored by 99 percent of the

Company Reports on Second Quarter Sales, Earnings

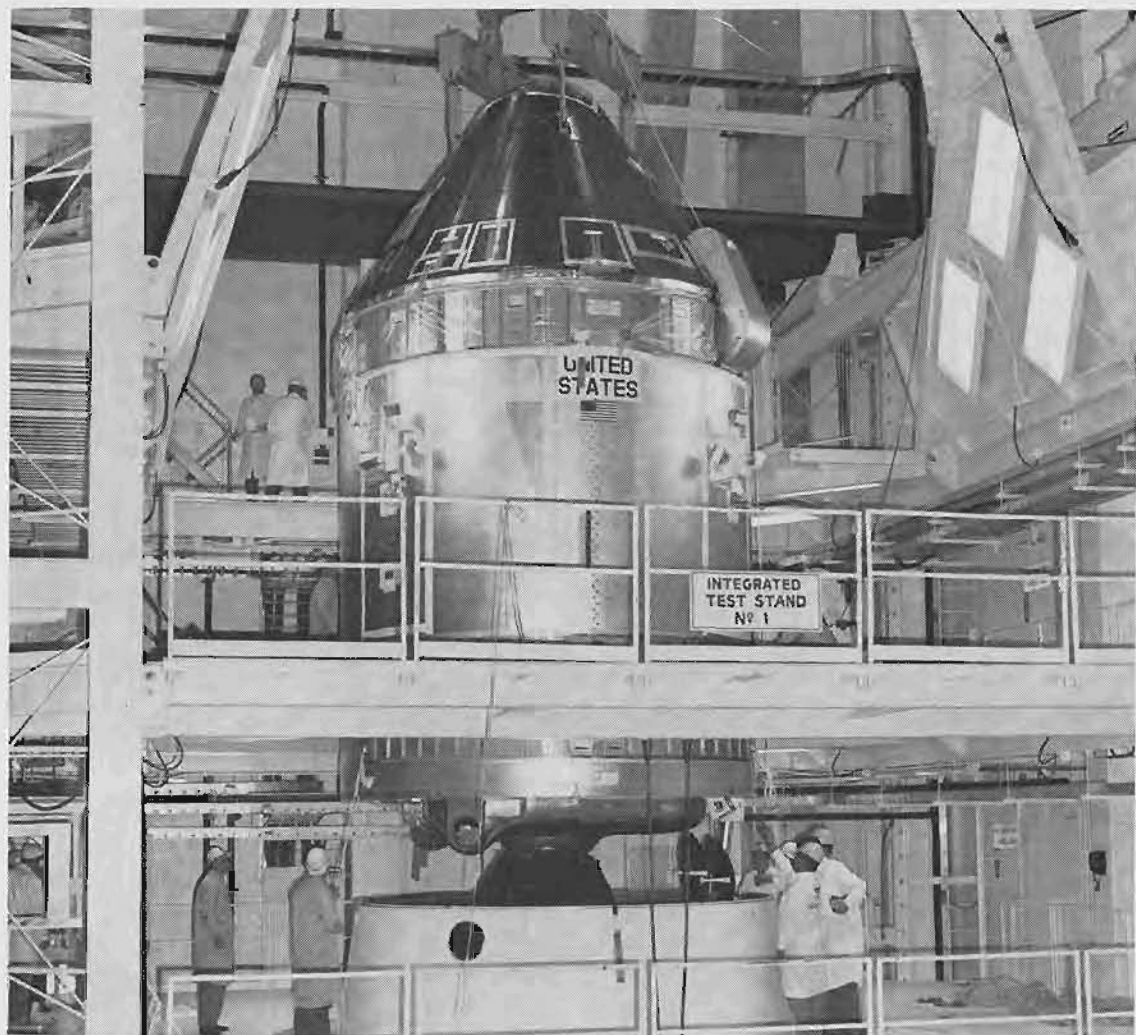
North American Rockwell this week reported net earnings, after taxes, for its second fiscal quarter ended March 31, 1969, of \$16,294,000 or \$.61 per common share, compared with \$16,774,000 or \$.63 a share for the second quarter of the previous year.

Sales for the second quarter of the current fiscal year were \$634,226,000, compared with \$714,095,000 for the like period of the preceding year, according to J. L. Atwood, president and chief executive officer, and W. F. Rockwell, Jr., chairman of the board.

Sales for the first six months of the current fiscal year amounted to \$1,247,222,000, compared with \$1,319,123,000 (Continued on Page 3, Column 3)

BROWN SUCCEEDS DON MONTGOMERY

T. R. (Bob) Brown, general supervisor, Central Warehousing, El Segundo facility and a 30-year veteran with North American Rockwell, will become executive secretary of the NR Management Association next Friday, succeeding Don Montgomery who is retiring from the company.



READYED FOR FLIGHT — Division-built command and service modules for Apollo 11 mission are lowered onto spacecraft/lunar module adapter at NASA's Kennedy Space Center prior to mating of spacecraft with its launch vehicle. Astronauts Neil Armstrong, Mike Collins and Edwin Aldrin are crewmen for mid-July mission scheduled to place first man on the surface of the moon.

APOLLO 8 COMMEMORATIVE STAMPS TO BE ISSUED MAY 5

The U.S. postage stamp commemorating the moon-orbiting Apollo 8 mission will be issued May 5 with first day ceremonies at Houston, Tex.

Design of the vertical, six-cent stamp is based on a NASA photo similar to the famed Apollo 8 "Earthrise" picture. It has the gray moon's surface in the foreground, deep blue outer space and, at the top of the stamp, the blue and white earth.

In the center of the stamp is the phrase, "In the beginning God . . ." which was spoken by astronaut Bill Anders when he read from the Book of Genesis as his spacecraft orbited the moon.

The Anders' phrase originally was not included in the stamp. It was added after Postmaster General Winton M. Blount received numerous requests.

The reading from the Book

of Genesis, while not a part of the flight plan, has become closely associated with the mission in the mind of the public. Blount said that it seemed "eminently appropriate that this introductory phrase should appear on the stamp."

RADIATION EFFECTS PANEL ESTABLISHED

A new technical panel on Radiation Effects has been established within the Aerospace & Systems Group.

Its objective, in general, is to coordinate research and technology-advancement activities in the area of radiation effects; provide the A&SG with an expert advisory group in radiation effects problems, and identify and initiate specific research and development activities required to meet future Group needs.

NASA Outlines Prefab Space Station Plans

Plans for a large prefabricated space station that could be built in orbit and remain in space for 10 years were outlined for members of Congress recently by Dr. George E. Mueller, NASA associate administrator for Manned Space Flight.

The concept for the space station is envisioned for the mid-1970s, said Dr. Mueller. Through selection, design and arrangement of a variety of prefabricated modules, the space station could be expanded for crew size, additional laboratory facilities, or other special purpose equipment.

Types of modules being considered for the station include crew quarters, ward room for dining and off-duty activities, (Continued on Page 2, Column 3)



APPRECIATION — Certificates of Appreciation were presented last week by NASA's Manned Spacecraft Center, Houston, to (left photo, left to right) George W. Jeffs, program vice president-Apollo; Dale D. Myers, vice president and general manager, CSM Programs, and, Charles H. Feltz, assistant general manager, CSM Programs, and (right photo, left to right), Joseph W. Cuzzupoli,



director, manufacturing, engineering and development, and, John P. Healey, vice president, Manufacturing and Facilities. Certificates read: "For outstanding contributions to the design, development and manufacture of the Apollo Command and Service Modules." Their leadership, management and dedication to excellence have "contributed significantly" to the Apollo flight program.



BUCKING FOR BUC—March victory enabled Apollo CSM personnel to move into second place in the monthly Buc Trimmer Trophy competition. Setting their signs on winning annual race are (left to right) Judy North, Jackie Frederick, Gwen Boykin.

Apollo CSM Wins Trimmer Trophy for Fifth Time

Apollo CSM program personnel became five-time monthly winners in the Buc Trimmer Trophy competition by taking the top spot in March.

Program employees earlier captured the honors in September, October, November, and December, October, December and January.

Runners-up to Apollo CSM in the top 10 were:

Saturn S-II; Material; Administration; Quality and Reliability Assurance; Research, Engineering and Test; Financial; Launch Operations; Manufacturing and Facilities, and Contracts and Pricing.

Outstanding contributors to the major organizations in March were Don Versaw, Administration; G. C. Russell, Bill Perkins, Milt Drucker, H. B. Caulkins, and O. Djuvstad, all of Apollo CSM; W. J. Hoffman, Financial and H. J. Histen III, Management Planning and Control.

E. E. Stone, Manufacturing and Facilities; J. E. Maher, Material; J. F. Burke, Quality and Reliability Assurance; C. H. Martinez, Research, Engineering and Test and E. L. Griffith, Saturn S-II.

The March monthly win enabled Apollo CSM to pull into a second-place tie with Material in the annual Buc Trimmer competition. Saturn S-II is the leader.

Following in the top 10 were, in order: Quality and Reliability Assurance; Administration; Research, Engineering and Test; Contracts and Pricing; Manufacturing and Facilities, Financial and Launch Operations.

Hathaway Elected

Sam Hathaway of Downey Facilities and Industrial Engineering has been elected to a four-year term on the board of the Norwalk-La Mirada Unified School District. Hathaway is a resident of Norwalk. This was his first attempt at an elective office.

Space Station...

(Continued from Page 1, Column 3)

and a systems module to house support equipment. Also included are laboratory modules with equipment for experiments in such fields as astronomy, space physics, manufacturing or other scientific and engineering disciplines.

A maintenance module is covered in the plan for housing machine shops and other equipment, along with a storage module which will serve as a warehouse for food and spare parts, said Dr. Mueller.

The space complex is planned for 10 years of continuous operation. Its crew would be rotated at three to six-month intervals and new experiment packages and modules would be brought up as they became available and could be accommodated by the station workload.

Dr. Mueller pointed out that the station would initially have a crew of 12 and 10,000 cubic feet of useable space. Electric power could come from solar panels or a small nuclear generator.



OCEAN GLOW—Radio-TV commentator Tom Fransen, left, presents award for best underwater film in 1968 to Ocean Systems' A. B. Reznitzer, center, and Ernie Manuel, OSO vice president and general manager. Film, "Treasure of Scorpion Reef," was judged best by Academy of Underwater Photographers. OSO's Bob Dingman produced and directed film with Reznitzer, director of Ocean Sciences, as technical advisor.

EDUCATION EMPHASIZED

Eleven Company Men Are Commended for Youth Work

Eleven company men, including eight from Space Division, have been commended for their work with youth.

The project for which the men were cited is part of a program sponsored by Youth Incentive Through Motivation (YITM), an organization composed mainly of company Mexican-American employees. The project is designed primarily to encourage youngsters of Mexican descent to continue their education and to explain to them the opportunities available to them in college and through a college education.

In a letter to division President William Bergen, G. W. Kimball, boy's vice principal at Norwalk High School, wrote, in part:

"We would like to express our appreciation to your company for being one of the leaders bridging the gap between industry, community and education. Your employees that represent the YITM... have demonstrated to us their sincere interest and ability in working with young people."

"Their program of encouraging Mexican-American youth to continue with their education has been very successful at Norwalk High School."

Taking part are Jim DeLaRosa, YITM president; Joe Gomez, spearheading the program in the Norwalk-La Mirada area; Manny Alvarez, Ralph Gomez, Angel Aguilar, Art Ochoa, Bill Ruiz and Caesar Sanchez, all of Space Division, and Hector Maldonado, Frank Serna and Al Chavez of Auto-netics.

The men are working with Cerritos College students in emphasizing the importance of education in today's world to Mexican-American high school students and their parents. The over-all program includes talks to the students, arranging tours for them to colleges and industries, YITM participation in Career Development Days,

Scholarship Winners...

(Continued from Page 1, Column 4)

high school seniors. The scholarship program was expanded this year to enable the company to award a greater number of scholarships. In previous years 10 college scholarships were awarded. Including this year's 37 winners, 167 children of company employees have received scholarships since the program began in 1956.

This year's winners will receive stipends ranging up to \$2,200 per academic year. The scholarships will be continued through any four- or five-year course leading to a bachelor's degree in the arts, sciences, or professions at any accredited college or university. The winners plan to enroll in 25 different colleges and universities located in nine states. The new college students planned courses of study cover a wide range of subjects, representing majors in 16 different fields of specialization.

Donald Adling



Ken Austin, Jr.



John Carlton



Roger Eldridge



Laurence Griggs



Richard Heine



Charles Macias



Dina McMullin



L. L. Schemper

Brown, Boveri, NR Joint Study Is Terminated

North American Rockwell Corporation this week announced that a study conducted jointly with Brown, Boveri Company of Baden, Switzerland, has been terminated. At the request of the Swiss firm.

The study was performed to investigate the possibility of a United States production facility for electric power generating equipment of Brown, Boveri design and involved 16 months of joint effort in such areas as facilities, manufacturing, marketing, organization and finances.

"Our company still believes that there is a need for a third American turbine generator manufacturer," J. L. Atwood, president and chief executive officer of North American Rockwell, stated. "We will continue our vigorous efforts toward establishing a venture which will fulfill the needs of the United States utility industry."

Atwood added that North American Rockwell is initiating discussions with other major European generating equipment firms.

Organization and Manager Featured in Trade Journal

Space Divisions Plant Service Maintenance organization and manager Mel Anderson are featured in the April issue of the monthly trade journal, *Maintenance Engineering*.

Explained in the article is the systems approach to maintenance management introduced by Anderson. The plan is designed to make maintenance supervisors more conscious of the principles of management, more familiar with technical elements involved in their areas of responsibility, and to help them better understand how they relate to the entire facility.

U. S. Air Force Academy Accepts Philip Marozick

Philip Marozick, the son of Ray Marozick of Laboratories and Test, has been accepted for admission to the Air Force Academy.

Phil, a student at California State College at Fullerton, was nominated by Congressman James B. Utt. His ultimate goal is to become a member of he NASA's astronaut team.

He was graduated from Anaheim High School in 1967, where he was a member of the Honor Society, the Varsity A Club and the Science Club. Phil was a three-year letterman on the school gymnastic team and captained the team one year.

CREDITED YEARS NOTICES MAILED

Notices of credited service under the Aerospace and Systems Group retirement plans are being mailed to employees who were on the active payroll or on layoff status as of Jan. 1, 1969.

These notices indicate the amount of credited service (and qualifying employment for those covered by the salary, advanced technical and weekly plan) as of Dec. 31, 1968.

If the information on any employee's notice appears to be incorrect, the employee should contact the retirement representative in the Personnel Dept. within 30 days of receipt.



RECOVERY TEAM — Crew member of the USS *Princeton*, primary recovery ship for Apollo 10, visited the division last week for an Apollo briefing and tour. Tour members included W. H. Gray (extreme left), NASA resident manager, Apollo Spacecraft Program, Capt. Carl Cruse (third from right), USS *Princeton* commanding officer, and Dale Myers (extreme right), vice president and general manager of Apollo CSM programs.

USS PRINCETON NAMED PRIME RECOVERY SHIP FOR APOLLO 10

A helicopter amphibious assault carrier, which just returned from Vietnam waters, will be the prime recovery ship for next month's Apollo 10 mission.

Heading the four-ship recovery group will be the USS *Princeton*, under the command of Capt. Carl Cruse, who will also be in charge of the group at sea.

Capt. Cruse and members of his crew visited Downey last week for a tour and a briefing on the Apollo 10 mission. He noted that this will be the first duty of its type for his ship, which is an Essex-class carrier more than 900 feet in length.

The recovery group, said the captain, probably will include three ships in addition to the *Princeton*. One will be a secondary recovery ship — probably a destroyer, a communications ship and a fuel ship.

Plans called for the *Princeton* to leave its Long Beach port yesterday for San Diego, where it will load its recovery helicopter squadron today. The ship will leave San Diego Monday for Hawaii and do its recovery training there through the week

of May 5. Cruse said he expects the ship to be "on-station" in the recovery area about May 17, the day before the scheduled launch of Apollo 10.

Crew Enthusiastic

Cruse, whose Navy specialty is research and development programs, said he and his crew are "very enthusiastic" about being assigned to head the recovery group. Prior to its current duty, the *Princeton* was part of an amphibious ready group that supported Marine Corps ground forces in Vietnam.

A 27-year service veteran and Naval aviator, Cruse is a graduate of the Naval Test Pilots School and has had two tours of duty at the Naval Air Test Center at Patuxent River, Md. He also is a member of the Society of Experimental Test Pilots.

He commented that visiting the division was almost like a homecoming for him. He was involved in the first shipboard landing tests of the *Fury* and took part in the first series of shipboard landings with the *Vigilante* aircraft, both built by the Columbus Division.

Division Featured in Next 'Skyline'

Three articles in *Skyline* due for distribution in the next few days reflect the various activities and achievements of the Space Division.

"Home Is 200 Miles Up" describes how the Apollo Applications Program is pioneering the development of manned stations in outer space.

The division's contributions to the Aerospace & Systems Group's capabilities in the development and use of the revolutionary structural material composites, are cited in "Day of the Composites."

Sales, Earnings...

(Continued from Page 1, Column 5) for the first half of last year. Net earnings amounted to \$32,324,000 equal to \$1.21 a share, compared with \$34,193,000 or \$1.29 a share for the first half of 1968.

While aerospace sales and profits were down, the commercial businesses were experiencing substantial gains. Over-all sales and operating profits of the Commercial Products Group were up approximately 15 percent and 40 percent, respectively over those for the first half of last year.

March was the most profitable month in the history of the Commercial Products Group.

Significant sales increases were experienced in automotive products, commercial aircraft, and marine products. Hatteras Yacht had record sales in the first half, and demand for Aero Commander and Sabreliner aircraft was strong.

The NR executives explained that among factors contributing to lower earnings during the first six months were less favorable profit rates on certain Aerospace and Systems Group contracts, reduced space program activity, and expenses associated with participation in competitions for new military aircraft.

The two executives said that the merger with Miehle-Goss-Dexter, Incorporated, (MGD), a leading manufacturer of high-quality printing presses and other equipment for the graphic arts industry, will expand NR's commercial business further.

Total backlog of unfilled orders was \$3.3 billion on March 31, 1969, compared with \$3.5 billion a year earlier, the NR executives announced. The backlog total on March 31 this year included \$1.5 billion of commercial orders and funded aerospace orders and \$1.8 billion of authorized work not yet funded but being negotiated. The comparable data for the year earlier were \$1.4 billion and \$2.1 billion, respectively.

It also was disclosed that The Renegotiation Board, Washington, D.C., recently determined that NR realized excessive profits for the 1964 fiscal year. NR has not accepted the Board's determination and intends to file a petition with The Tax Court of the United States for a redetermination hereof, as provided in the Renegotiation Act. If sustained, this determination would require a refund to the Government of approximately \$2,300,000 after adjustments for taxes, but it would not affect 1969 earnings.

APPROACHES ULTIMATE GOAL

Beaver Mark IV Dives 800 Feet in Sea Tests

The underwater version of "a-ox" has been stamped on the sea trial tests of OSO's Beaver Mark IV, as the versatile submersible today approached its ultimate dive to a depth of 2,000 feet off the coast of Catalina Island.

North American Rockwell's *Roughneck* already has successfully completed a series of shallow water and deep water dives down to 800 feet with Chief Pilot Joe Thompson and Pilot Ed Krueger reporting that the 24-foot long underwater workboat has handled perfectly.

This week's test dives by Thompson and Krueger took the gleaming yellow submarine down to 800-foot depths in the first of the series.

Beaver Program Manager George Tuttle now estimates that the *Roughneck* will make its ultimate design depth dive to 2,000 feet during the first week of next month.

For the eleven OSO personnel stationed at Fisherman's Cove in Catalina, the successful testing of the Beaver is the most appropriate thanks they could receive.

Arline Hollen, Barbara George Honored in Secretaries' Week

Although separated by a generation, Arline Hollen and Barbara George share a common bond—both are honorees of National Secretary's Week.

Arline, secretary to Dale D. Myers, vice president and general manager, CSM Programs, joined the company 17 years ago, which was Barbara's age when she came here from Downey High School two years ago. Barbara, now 19, is a stenographer for Burt Pierce, supervisor for Departmental Planning and Evaluation, Research, Engineering and Test.

Through the 17 years, Arline, who started as a stenographer, can trace her career through Navaho, Advanced Systems, Hound Dog, Saturn S-II and now Apollo.

Barbara joined the division

as a stenographer in Purchasing and only recently moved to RE&T.

Arline, in addition to pursuing her business career, has reared two children (both older than Barbara) with the help of her husband, Jim, veterinary medicine salesman.

Barbara is unmarried. Her father, Leslie W. George, works in Interdivisional Operations. Her mother, Ann, and sister, Marilyn, formerly worked here.

Arline was one of the charter members of the Stellar Chapter of the National Secretary's Association. Barbara would like to join.

So take a memo, Boss: If you've remembered that this was Secretary's Week, you're a hero.



SECRETARY'S WEEK — Arline Hollen, top photo, receives a report for filing from Dale D. Myers, vice president and general manager, CSM Programs, while Barbara George, lower photo, takes dictation from Burt Pierce, supervisor, Departmental Planning and Evaluation. Both were honored during Secretary's Week.



PARIS EXHIBIT — Examples of space technology benefits to mankind being shipped this week as part of company exhibit in Paris Air Show (May 29-June 8) are explained to R. J. Clark, center, president, and C. E. Harrington, vice president, North American Aviation, Int., by Carol Minkley, A&SG Orientations designer. At right, spray-on foam developed by Space Division is displayed as leg cast and insulation. Left pedestal holds model of Atomics International fast breeder reactor which is predicted to one day "light the world."



WELCOME ABOARD — Curt Thompson (left) is welcomed to NARTRANS by Robert Robinson, NARTRANS president, Robinson's secretary, Carol Lee. Thompson, formerly a supervisor in Sheet Metal Fabrication, joined the company subsidiary as factory manager for Manufacturing. He brings to 19 the number of division employees who have joined the NARTRANS facility.

Curt Thompson Joins NARTRANS as Factory Mgr.

Curt Thompson, formerly a supervisor in Sheet Metal Detail Fabrication, joined NARTRANS this week as factory manager for Manufacturing.

Thompson brings to 19 the total of former division employees working with NARTRANS, the company training, service and support subsidiary for hiring hard-core unemployed.

28-Year Veteran

With the company since 1941, Thompson has served in manufacturing supervisory posts for more than 20 years in aircraft, electronic and space programs. He had been with Space Division since 1963.

Welcoming Thompson to his new post Monday was a former division contingent headed by Robert Robinson, formerly of the Saturn S-II program and now NARTRANS president.

Other former division employees include NARTRANS managers Lewis Scogin, Frank Mooney and George Harris; supervisors Joe Ozaki, Yvonne Casonhua, John Rocha and Mario Solis. Also from the division are Donald Yancey, Marshall Young, Jean Harris, Dolores Wainwright, Linda Ivy, Edmundo De La Rosa, Henry Cooper, Margaret Gutierrez, Rosa Thomas and Roland Lewis.

Job Opportunities

NARTRANS hires approximately 200 production employees from the areas of south central and east Los Angeles. Employees have the opportunity to learn a trade and also have access to instruction in remedial reading, English, mathematics and office practices during working hours.

NARTRANS employees produce in seven skill areas, including machining, tool and drill sharpening, wood products, plastic products, drafting, typing and keypunch operations. These products and services are utilized by North American Rockwell divisions in the Southern California area, as well as other companies.



BEST CLUB — Downey Space Toastmasters, composed primarily of division men, receive permanent possession of Toastmasters' "Best-Club-of-the-Area" trophy after claiming honor for third consecutive time. Making presentation to Chuck Yee, right center, president of club, is area Lt. Gov. John Whittle.

Kuenne, Kanne Comprise Team on Orange County Sheriff's Reserve

Being part-time law enforcement officers is both interesting and rewarding for two Saturn S-II employees at Seal Beach.

R. W. Kuenne, Management Systems analyst, and H. W. Kanne, supervisor in Publications, are active members of the Orange County Sheriff's Headquarters Reserve Unit.

These men help provide the Sheriff's Dept. with a fully trained reserve force to aid in emergencies and also supplement the department in day-to-day needs.

Regular Duty

In their extra-hour activities Kuenne and Kanne perform many tasks normally done by a regular deputy sheriff. They may act as bailiffs in Superior Court; assist in serving warrants; work as jailers, and patrolmen, or in transportation. They also assist in traffic and crowd control in county business and residential areas, or in county parks during peak crowd times.

Ice Capade Discount Tickets Now Available

Special employee discount tickets for an Ice Capades performance next month at the Long Beach Arena are on sale through May 12 at the Downey and Seal Beach Recreation and Welfare offices.

Tickets are for employees, their families and guests. They are good for the 5 p.m. performance on May 24.

With the discount, adult \$4.50 loge seats are available for \$3.50. Regular junior half-price tickets also are available for \$2.25.

Classified Advertising

FOR SALE

AUTOS

- '55 Chev. Nomad, make offer. Solis (D), 671-4055 or 671-4034.
- '67 VW Bug, Sun Roof, Radio, \$1,495, 714/892-9834.
- '59 VW, \$650, 862-0475.
- VW, R/H, \$375, 596-0645.
- '67 Cougar, Air, AM/FM, \$2,500, 322-9242.
- '65 Pontiac, \$1,000, 596-4251.
- '57 Chrysler Windsor, 4 dr., \$200, UN 3-2062.
- '65 Ford Sta. Wagn., 697-7668.
- '29 Model "A" Pickup, 828-0324.
- '66 Chev Fleetside, P/U, R/H, 213/597-5389.
- '63 Impala Sta. Wagn., 714/546-0956.
- '62 Chev., 714/892-7420.
- '61 Corvair Sta. Wagn., \$99, 531-5042.
- '55 Chev., 2 dr., 283 eng., 923-5369.
- '51 GMC Truck w/camper, 329-6021.
- '46 Willys Jeep, Make Offer, 213/631-1525.
- '60 Triumph Roadster, 213/596-4194.
- '66 Volvo, Air, Auto., \$1,795, 691-2968.
- '65 BMW 1800TI, \$1,395, 213/370-0859.
- '58 MG, \$375, 714/637-6977.
- '63 Buick Skylark, conv., V8, black with white top, red inter. p/s, automatic, r/h, \$1,000 under B/B. Bratsch, 325-8908.

FURNITURE

- TV, AM-FM, Phonograph Comb., 24", TO 6-0674.
- Stools, Breakfast bar, \$10 ea. 714/537-7458.
- Reclining Chair, 545-8754.
- Swivel Rocker, \$35, 327-4477.
- Maple Furniture, 371-3681.
- Table lamps, walnut/brass living rm., 865-7014.

FOR SALE

FURNITURE

- Trundle Bed, Mattresses, \$175, 213/964-5823.
- Oak Office Desk, \$75, 213/DA 5-4081.
- Bd. Furn., w/bk. case, hdbord, 213/295-4785.
- Office Desk, steel, 30" x 42", 714/871-6168.
- Dining Rm. Furn. 438-6409.

MISCELLANEOUS

- Skis, boots, adult, \$50, 213/758-6671.
- '65-68 Colliers Encyclopedia 714/826-1396.
- Swing Set, \$30, 714/778-4358.
- Walnut Stereo w/albums, 714/778-4358.
- Bar Bells, Ladies, 30 lbs., \$10, 536-0144.
- Hearing Aid, \$100, 832-7971.
- Photo Equip., 4 x 5, 375-2608.
- Auto. Record Player, portable, OX 5-8355.
- Poker Table, \$25, UN 3-6895.
- HiFi FM Player, \$135, 847-0937.
- Whirlpool Washer, \$30, 861-4586.
- '63 Chev. Bucket Seats, \$40, 862-3758.
- Bike, English Women's, \$20, 714/639-1601.
- Utility Trailer, 1 wheel, 862-0521.
- 8' Lazzardi, V bottom, \$60, 541-1107.
- '63 Corvette windshield, Tinted, \$20, 865-0016.
- 3' Iguana \$250, 714/535-0511.
- Tent, 8 x 10 umbrella, \$20, 864-7212.
- Upright Piano, Modified, 378-4331.
- Bike, Girls 26" Schwinn, \$17.50, 714/826-1396.
- Irons-Matches R.H. \$30, Wilson, 714/TW 7-6072.
- Hammond Chord Organ, \$200, TO 9-5004.
- Diamond Wedding Ring Set, W. Gold, \$150, 869-0194.
- Aquariums, 5 gals w/filters, 596-6698.
- '65-68 Collier Encyclopedia, 714/826-1396.
- Dble. Bed, Dresser, Innersprings, \$75, 714/871-6168.
- Golf Woods, left handed, 213/871-3926.
- Minisike, 433-8045.
- Orbit R/C Equipment, \$250, 714/879-7897.
- Hy-Gain DB-24A Beam, 714/962-5940.
- '63-67 Corvette Wind Shield Tinted, \$20, 865-0016.

HOUSES

- '48 Mobile Home, \$2,900, 322-3740.
- 5 br., Pool, Fountain Valley, 714/962-4815.
- Home, \$28,500, 5 1/2% FHA Loan Assumed, 714/827-9698.
- Horse Ranch, \$21,000, 336-2436.
- 4 bdr., 2 ba., fam. rm., \$26,500, \$3,000 dn., 714/839-0854.
- 3 bdr., fam. rm., Executive Home, 862-5958.
- House, Rossmore Estate Model, 430-3227.
- Horse Property, Large Lot, 336-2436.

FOR SALE

APPLIANCES

- 15 cu. ft. Chest Freezer, GE, 378-4331.
- Stove, white, \$30, 923-8368.
- Gas Stove, Gaffer-Sattler, w/grill, 536-1584.
- Range, Kenmore, Gas, 425-0474.
- Refrig. Coldspot, 12 cu. ft., White, 714/630-2989.

MOTORCYCLES

- '63 Triumph Bonneville, NE 5-6896.
- '65 TR6 650cc Triumph, \$725, 714/531-1835.
- '66 Triumph TR6, 650cc, aft. 5, 213/869-7463.
- '67 Triumph TR6, 650cc, \$795, 869-7463.
- '67 Triumph Cycle, 650cc, \$1,025, 862-7488.
- '67 Honda 160, street bike, 927-7344.
- '68 Harley-Davidson MotorBike, \$200, 630-2737.
- '69 Honda, 213/691-4904.

REAL ESTATE

- 10 Acres, Joshua Tree, 714/537-5092.
- 2 Acres, \$25/mo., No. Palm Springs, CA., 213/863-2665.
- 5 Acres, Ridgecrest w/cabin, \$3,500, 696-3539.
- 81 acres, Anza, 697-6989.

BOATS

- 12' Aluminum Boat, 861-8409.
- '67 V142 Glastron Boat, 213/966-8190.
- Boat, Ski/inboard, 376-8153.
- Sail Boat, Trlr., Cover, \$750, 596-5895.
- Ski Boat, \$150, 531-0077.
- 14' Sailboat, Satellite, w/trlr., 423-5959.

PETS

- Toy Poodles, AKC, M/F, 714/842-6254.
- Siamese Cat, 425-3021.
- Poodle Pups for Easter, 213/397-2057.

WANTED TO BUY

- Golf Clubs, used, Pro-line, 371-4336.
- Scuba Tank, Regulator/Harness, 213/721-4794.
- Electric Concrete mixer, 714/493-4659.
- Misc. Furniture, Colombo (D), 671-4085 or 671-4034.
- Chain Length Fence 4' & 6', ME 3-2611.
- '63 to '66 VW, WA 3-0297, after 6.

RISE WANTED/OFFERED

- Magnolia/Talbert 7:30-4, S/B, 962-4139 (offer).
- Bloomfield/Rosecrans to S/B (wanted), 863-2665.
- Alondra/Pioneer, 7:30-4, Downey, 860-2713.
- Western/Crenshaw to S/B, (wanted), 327-1292.
- Cherry/PCH to Bldg. 1, 599-1941.
- Silverlake/Echo Park Area, 8:12-4:54, 661-5883.

Autonetics Announces Formation of Microelectronics Organization

A new organization to develop and produce advanced microelectronics for commercial, industrial and aerospace applications, has been established at Autonetics.

Autonetics President S. F. Eyestone said Autonetics' microelectronic effort has been elevated to full product division status, and a new management team has been named to run it.

"Autonetics has been studying the market and developing its technology over a period of several years," Eyestone said in outlining reasons for setting up the new organization. "We believe recent orders indicate that Autonetics has a significant lead in the capability for batch production of microelectronic devices much more complex than those available elsewhere, so we plan to concentrate in this area."

Carlson Named

Dr. R. S. Carlson, an Autonetics vice president and general manager, has been appointed head of the new Microelectronics Products division, Carlson, who joined Autonetics in 1952, formerly directed the Navigation Systems division.

Autonetics' efforts have been aimed at mass production of extremely dense metal oxide semiconductor, large-scale integrated (MOS/LSI) circuits. Additionally, the firm has perfected a means, through crystal chemistry, of producing highly accurate silicon on sapphire (SOS) circuits. Both have extensive applications in computer, data processing and communication equipment.

The new Autonetics division

recently acquired two major commercial contracts. One totals nearly \$30 million to produce and package devices for a new line of miniature desktop calculators for the Hayakawa Electric Company of Japan. The other is to provide MOS devices for Instrument Systems Corporation for its passenger service and communication system for the Boeing 747 jetliner.

Military/Commercial

A number of military applications are planned by Autonetics, including its D-200 line of Micro-E computers, new navigation equipment and data processing for radars.

The new division occupies a centrally organized laboratory and pilot line and a new 40,000 square foot production facility at the Anaheim site. Additional assembly will be performed at North American Rockwell's plant in Princeton, W. Va.

Relocations Result in Phone Number Changes

Relocation of personnel at the division's Clear Lake Facility in Houston, Tex. and the planned move from the Beta Bldg. on Gemini Blvd. necessitates a change in telephone numbers, it was disclosed today by Harvey Gipple, telephone communications.

Effective today, the CAS-NET listed number of 439-5000 will no longer be in use. All telephone calls to Clear Lake assigned personnel should be placed by direct dialing Area Code 713, 488-2720 or 488-2721.