



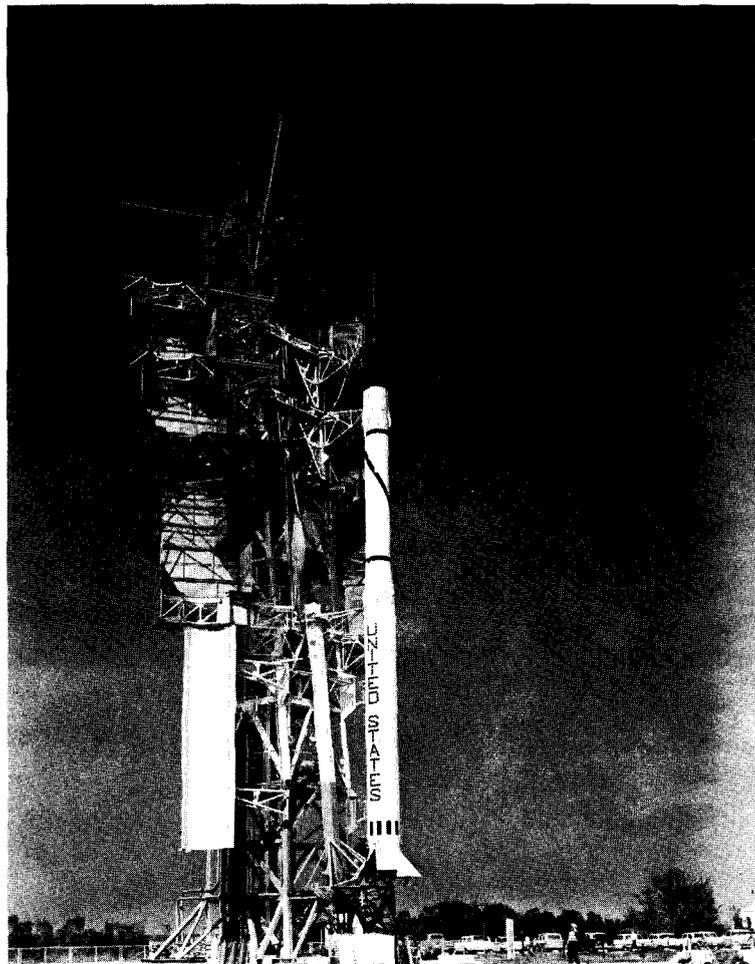
GODDARD NEWS

GODDARD SPACE FLIGHT CENTER / GREENBELT, MARYLAND

VOLUME 1, NUMBER 12

THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NOV. 10, 1961



READY ON THE PAD . . . The seventh of the four-stage solid propellant Scout launch vehicles on its pad at NASA's Wallops Station, Virginia, prior to successfully launching the P-21 ionospheric probe.

NASA LAUNCHES NATION-WIDE RECRUITING DRIVE

An intensive search for 2,000 scientists and engineers for NASA's space programs got under way in Chicago last Monday, November 6, with all NASA Centers participating.

Announcing the start of the drive the previous Friday, NASA Administrator, James E. Webb said that these men and women are needed to staff the lunar program, nuclear propulsion research and development, space sciences, supersonic transport study, and numerous other aeronautical and space technology projects.

"All of our organizations will participate in the recruiting drive," Mr. Webb said. "Special teams composed of NASA sci-

entists will visit virtually every area of the U. S. in the coming weeks to interview candidates. I hope all qualified Americans will consider joining our NASA scientific effort so that U. S. goals in space technology can be met on schedule or earlier if possible."

He said that determination of additional personnel needs was coordinated with Administration leaders in their development of plans for achieving over-all economy in Government operations.

The Administrator said the agency is seeking "scientists and engineers at all levels who are interested in making a per-

(See RECRUITING on Page 4)

P-21/SCOUT SUCCESSFUL

On October 19, Goddard's Electron Density Profile probe was fired 4,261 miles out into space by a four-stage solid propellant Scout rocket from NASA's launching station at Wallops Island, Va.

The eight-sided, 94-pound payload was part of Goddard's P-21 series of four flights to investigate ionospheric characteristics—of importance to radio communication, radio tracking and guidance, and add to the basic understanding of the earth's ionosphere.

Two probes preceded this firing. On April 27, an Argo D-4 rocket reached an altitude of 450 miles and gave an excellent profile of electron densities during mid-day, for a quiet ionosphere. Another D-4 was fired in June to compare nighttime electron densities with the daytime data obtained previously, but rocket failure kept it from achieving all objectives. Another Scout early next year will chart the nighttime profile.

The P-21 instrumentation on the Scout functioned well and data was recorded at the Goddard ionosphere ground stations at Wallops Island and Blossom Point, Maryland.

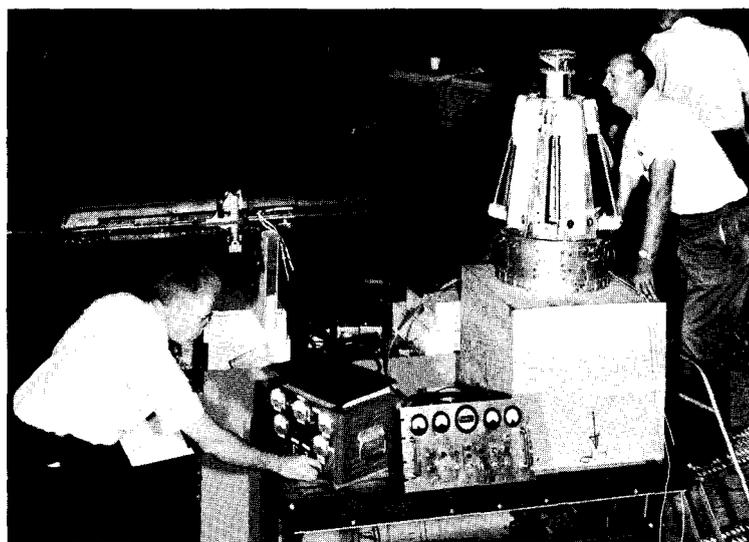
Scout is the Nation's first solid propellant rocket to place a payload in orbit and this was the seventh fired in a developmental test series.

Scout is 72 feet long and weighs approximately 36,600 pounds at lift-off. It is designed to place a 150-pound satellite in a 300-mile orbit or to send a 50-pound scientific space probe package nearly 8,500 miles out from earth.

The NASA Langley Research Center has sole responsibility for the direction of the developmental Scout launch vehicle. The Scout Program Director for Langley is George R. Rupp. Program Manager for the Scout is R. D. Ginter, NASA Headquarters.

Goddard had the primary responsibility for designing the experiments and the major electronic components and payload sensors for the P-21. The project is under the direction of the Ionospheres Branch of the Space Sciences Division, headed by Robert Bourdeau. John E. Jackson is Payload Manager; G. H. Spaid, Alternate Payload Manager; S. J. Bauer had the

(See P-21/SCOUT on Page 4)



CHECK-OUT ON P-21 . . . Payload Coordinator for the P-21, Lloyd Lohr (left), Planetary Atmosphere Branch and Edward Mathews, a member of the Wallops Island staff are shown putting the P-21 through an electrical check in the hanger at Wallops Island.

NASA Reorganizes

Organizational changes and appointments in the National Aeronautics and Space Administration were recently announced by Administrator James E. Webb.

In the Office of Manned Space Flight, Headed by D. Brainerd Holmes, Dr. Nicholas E. Golovin has been named Director of Systems Engineering; Dr. Charles H. Roadman, Director of Aerospace Medicine; George M. Low, Director of Spacecraft and Flight Missions; Milton W. Rosen, Director of Launch Vehicles and Propulsion; and William E. Lilly, Director of Program Review and Resources Management.

Edgar M. Cortright is Deputy Director of the Office of Space Sciences, under Dr. Homer E. Newell, Director. In the same program office, Thomas L. K. Smull will direct the Office of Grants and Research Contracts; Donald H. Heaton will be Director of Launch Vehicles

and Propulsion Programs; Dr. John F. Clark, Director of Geophysics and Astronomy Programs; John D. Nicolaides, Director of Program Review and Resources Management; and Oran W. Nicks, Director of Lunar and Planetary Programs.

In the Office of Advanced Research and Technology, directed by Ira H. Abbott, Newell D. Sanders will be the Technical Program Coordinator. Harold B. Finger will be the Director of Nuclear Systems; John P. Stack, Director of Aeronautical Research; Boyd C. Myers II, Director of Program Review and Resources Management; Milton B. Ames, Jr., Director of Space Vehicles; Dr. Albert J. Kelley, Director of Electronics and Control; and Mermann H. Kurzweg, Director of Research.

Morton J. Stoller has been named Deputy Director of the Office of Applications and will

GODDARD EMPLOYEES WELFARE ASSOCIATION

Recently inquiries have been made with regard to forming a Goddard Basketball League. All persons interested in this activity should contact: Guy

work with John Burke, Consultant to the Administrator, in organizing the office. Also in that office are Dr. Morris Tepper, Director of Meteorological Systems, and Leonard Jaffe, Director of Communications Systems.

Other appointments include Dr. John P. Hagen and Addison M. Rothrock as Associate Directors of the Office of Plans and Program Evaluation, and R. P. Young as Executive Assistant to the Administrator. Edmond C. Buckley as Director and Gerald M. Truzynski as Deputy Director of the Office of Tracking and Data Acquisition, and will report to the Associate Administrator.

Marcot, Building 1, Room 238, extension 4533.

Employees have expressed an interest in procuring automobile seat belts at a reduced price. This request can be executed if some person or persons volunteer to form a committee to handle the details of selection, negotiation and procurement. All those interested please notify, in writing, the President, Allen L. Franta, Code 635, Building 2, Room 35.

Associated Press wires recently carried the following item . . . 5-4-3-2-1.

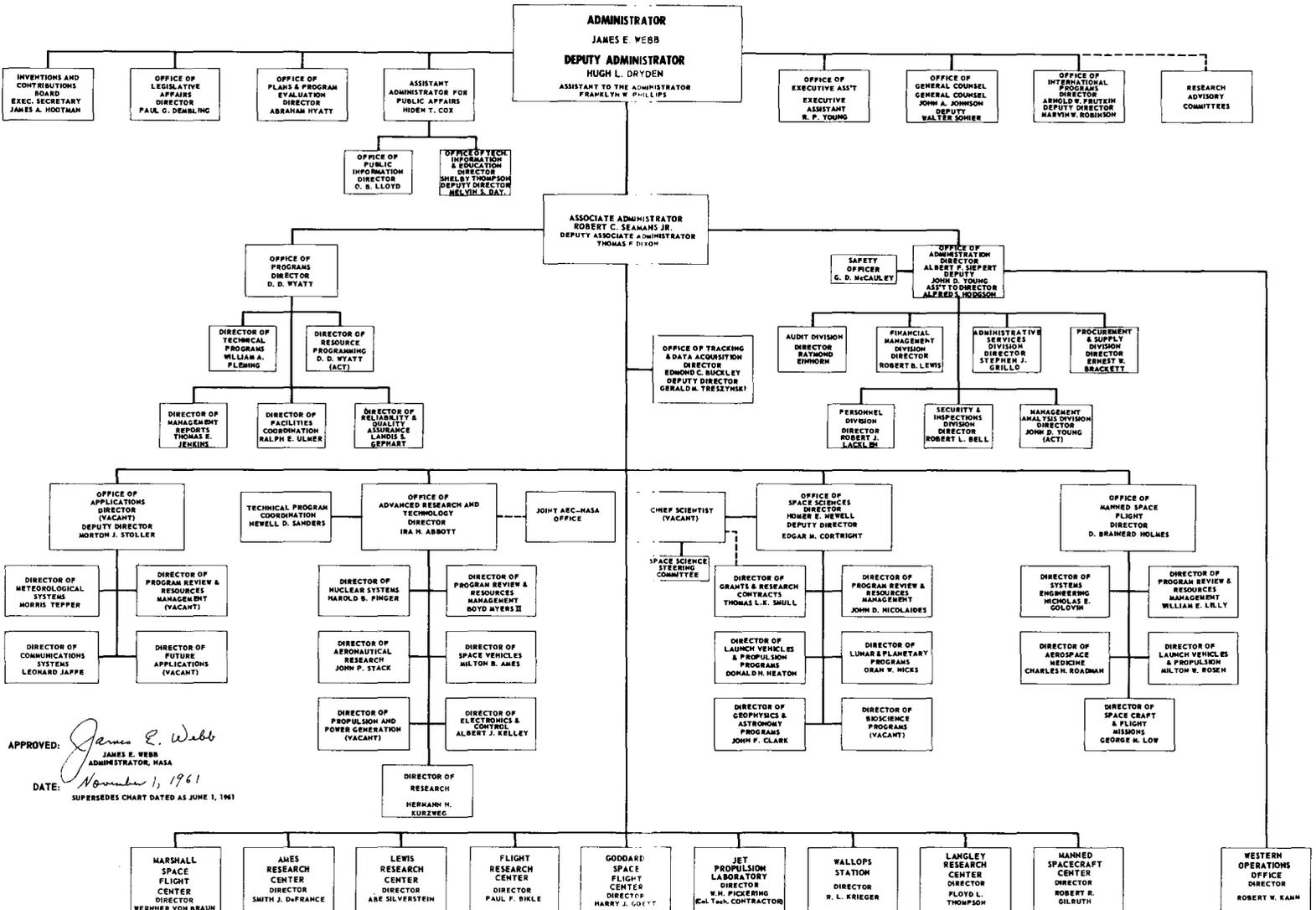
Jefferson City, Mo. (AP)—So you think you got teen-age telephone trouble?

Consider the plight of the Jefferson City doctor whose number is 5-4321.

Teen-agers have been calling and when the doctor's receptionist answers: "This is 5-4321," the kids shout "Blast Off."

They're going to get the number changed.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION



APPROVED: *James E. Webb*
JAMES E. WEBB
ADMINISTRATOR, NASA
DATE: November 1, 1961
SUPERSEDES CHART DATED AS JUNE 1, 1961



20 YEARS SERVICE . . . (right to left) Susan A. Lehman, Administrative Services Branch; Ben Herman, Management Services Division; and Hans Jorgensen, Plant Engineering Branch are shown

receiving their 20 year service emblem from Dr. Goett. Looking on (right) is William K. Ritter, Chairman of the Incentive Awards Committee.

Service Awards Presented

Thursday, October 19, was Goddard's third Service Emblem Award Presentation.

William K. Ritter, Chairman, Incentive Awards Committee introduced Dr. Harry J. Goett. The 30 and 20 year awards were presented by Dr. Goett in recognition and appreciation of faithful service to the National Aeronautics and Space Administration and the Government of the United States.

Music was furnished by the Headquarters Command Band, Bolling Air Force Base.

One employee, Gipson H. Malone received the 30 year award and sixty-nine were awarded the 20 year pin (see names in columns to the right).

Mr. Malone entered Military Service with the U. S. Navy in September, 1926 and served until his retirement in March of 1947.

In July 1948, he began his Government Civilian Service career as a Radio Mechanic with the Naval Ordnance Laboratory, White Oak, Maryland. He transferred to the National Aeronautics and Space Administration in January, 1960.

Mr. Malone is presently employed in the Space Sciences Division.

The 15 and 10 year awards will be presented in separate ceremonies arranged by Assistant Directors and Chief, Technical Services.

YEAR AWARDS

Arnold, David B., Jr.
 Baldwin, Francis G.
 Beard, Thomas W., Jr.
 Bernatowicz, Sixtus L.
 Bettendorf, Valerie C.
 Bohler, George J.
 Boyce, Ellen J.
 Byrd, Virgil H.
 Caulk, Howard M.
 Conrad, Robert W.
 Creveling, Cyrus J.
 Donegan, James J.
 DeMar, Elizabeth M.
 Fiorelli, Romolo
 Fisher, David
 Ford, Roland R.
 Gardiner, Gwyn E.
 Gill, Parker E.
 Handegard, Maurice D.
 Hardgrove, William H.
 Hatton, George B.
 Hegarty, Harry A.
 Herman, Ben
 House, Clarence B.
 Hyman, Harry B.
 Jorgensen, Hans
 Kensinger, John L.
 Kley, William A.
 Kreider, Albert R.
 LeDoux, Francis N.
 Lehman, Susan A.
 Leventhal, Abraham
 Levinsohn, Maurice
 Lewis, John A.
 Lindell, James A.
 Lowery, Melvin J.
 McDowell, James W.
 Manning, Joseph
 Mazur, Daniel G.
 Medrow, Karl R.

Mercy, Kenneth R.
 Messina, George E.
 Monasterski, Edward
 Moore, James R.
 Mylkes, Reginald G.
 Nyberg, Ernest W.
 O'Connor, William E.
 Parkinson, Earl J.
 Peterson, Robert H.
 Piltch, Abraham
 Robertson, Duane E.
 Schach, Milton
 Schaffert, Justin C.
 Schmadebeck, Louis F.
 Scolnik, Reuben

Seddon, J. Carl
 Sheehy, Robert N.
 Skinner, Innis R., Jr.
 Smith, Leo F.
 Stern, Jesse E.
 Stotler, Herbert J.
 Sweeney, Donald B.
 Talley, Gordon A.
 Tarr, Lavinia T.
 Tarver, Paul
 Vandercook, Charles R.
 Vanderhoof, George W.
 Weiner, David
 Wenzinger, Carl J.



30 YEARS SERVICE . . . Dr. Harry J. Goett presents Gipson H. Malone his 30 year service award emblem.

IN THE 'BIG PUSH' FOR UGF . . .



"PRIZE" WINNER . . . Assistant Director for Space Science and Satellite Applications, Dr. John W. Townsend offered his parking place to be raffled off with all proceeds going to UGF. Dr Townsend (left) watches while Roger Main of the Space Sciences Division, the winner, prepares to take over Dr. Townsend's spot for one month beginning November 6.



AND ANOTHER WINNER . . . Robert W. Hutchison, (center) Director of Personnel, raffled off his parking place for the month of December. Grace Ann Murphy (left), Telephone Communications Branch, pulls the winning name from Mr. Hutchison's hat. Lyla Porter, Organization & Personnel Division (right) was the lucky one.

RECRUITING

(Continued from Page 1)
sonal contribution to their country's space efforts. We are especially interested in meeting the recent science graduates who are just beginning their careers."

Personnel needs include scientists and engineers experi-

enced in fluid and flight mechanics, materials and structures, propulsion and power, data systems, flight systems, measurement and instrumentation systems, experimental facilities and equipment, space sciences, life sciences and project management.

Goddard announced in Chicago that it urgently needs 600 scientists, engineers, and support personnel. James R. Keene, Chief of the Placement Branch, and his assistant, John P. Soden, represented the Center at the "kick-off" of the campaign.

Robert W. Hutchison, Personnel Director, stated that to carry out the space flight program, the Nation "requires talented, highly qualified professional men and women with imagination, creativeness, and mental vigor."

GODDARD NEWS

An official publication of the Goddard Space Flight Center, Greenbelt, Maryland, published bi-weekly by the Office of Public Information. Address news contributions to: The Editor, Shirley R. Deremer, Goddard News, Goddard Space Flight Center, Room 7, Bldg. 1, Greenbelt, Maryland. Telephone: 982-4955.

GSFC TENPIN LEAGUE STANDINGS (As of October 31, 1961)

Team No.	Team Name	Games	
		Won	Lost
1.	12—Split Fits	28	4
2.	9—The Junto	25	7
3.	18—Hi-Lows	20	12
4.	22—Second Stage	19	13
5.	19—Oscillators	19	13
6.	11—Colt 45's	18½	13½
7.	15—Mogenbaiters	18	14
8.	10—Rockets	18	14
9.	5—Integrators	18	14
10.	3—Bleebbs	17	15
11.	16—A-OK's	16½	15½
12.	4—Orbiting Elements	16	16
13.	14—Hi-Five	15	17
14.	8—Coolies	15	17
15.	17—Odd Balls	15	17
16.	1—Guided Muscles	15	17
17.	13—Fumbling Five	14	18
18.	6—Aborters	13	19
19.	24—Atom Spheres	13	19
20.	23—Flap Doodles	12	20
21.	7—Vibrators	12	20
22.	20—Twenties	11	21
23.	2—Honey Potters	10	22
24.	21—Lechers	6	26

GSFC DUCKPIN LEAGUE STANDINGS (As of October 31, 1961)

Team Standings	Games		
	Won	Lost	
1.	Quicksilvers	15	9
2.	Bluffers	15	9
3.	Ducklings	14	10
4.	Hi Vacs	13	11
5.	Flintstone "5"	13	11
6.	Untouchables	12	12
7.	What You Says	12	12
8.	Alley Cats	12	12
9.	Bob Cats	11	13
10.	Stumblebums	10	14
11.	Wood Choppers	8	10
12.	Space Katz	3	15

P-21/SCOUT

(Continued from Page 1)

CW propagation experiment; H. A. Whale, the RF probe experiment; L. L. Lohr was Payload Coordinator; J. C. Seddon was in charge of the Wallops Dovap Station; and Royal M. Tysdale had charge of environmental testing. M. J. Acremanne was Headquarters Program Manager for the P-21.

HIGHLIGHTS

Linda Blankenship of Team No. 17, (Odd Balls) made the "Big Four" split (4-7 6-10).



120 TOUR GODDARD . . . Delegates of the Fall 1961 Assembly Meeting for the Radio Technical Commission for Aeronautics were given a tour of Goddard. Donald Perry, News Coordinator, Office of Public Information, welcomed the group and described GSFC missions.



GOOD LUCK JOHN! . . . John P. Donovan (right) Chief, Financial Management Division presented John F. Tartaglino, Jr. with a gold tie bar and cuff link set and a gift certificate for the Men's Haberdashery store. John transferred to the Office of Space Sciences, NASA Headquarters. Looking on is Bernard Sisco, Deputy Assistant Director for Administration.