

Project Apollo Means of Furthering Space Exploration

Editor's note: Why should America press for manned conquest of the moon, and is it being done at the expense of vital projects such as cancer research? Cape Canaveral Bureau Manager Alvin B. Webb Jr. relinquishes this week's column for an exclusive report on this issue by Dr. Werner Von Braun, director of the Marshall Space Flight Center at Huntsville, Ala., and perhaps America's most famous space scientist.

By DR. WERNER VON BRAUN
Written for UPI

Cape Canaveral — (UPI) — While our nation's manned space flight effort is just getting its second wind, some Americans are having second thoughts about the program.

President Kennedy proposed a stepped-up program for the United States in 1961. The announced goals were approved by Congress, and hailed excitedly by a space-conscious public.

Now the first summer blooms of success are fanned from the eminently successful Mercury programs, and there is a lull in manned launchings while project Gemini develops. And in unmanned exploration, each Mariner probe and each Echo, Telstar relay, Syncom and Tiros satellite seems less miraculous as launches become more routine.

The wedding of modern science and technology with space is undergoing a period of adjustment experienced by every young married couple. It begins when the carefree honeymooners settle down to building their air castles. Those first rapturous days of marriage gradually become tempered with logic as the young couple works, pays bill and develops a well-rounded pattern of living based on their means.

Personally, I am delighted to see so many people talking about space today. It is a

healthy sign of the vitality of our enthusiasm.

No Assurance

I have been asked, for instance, why we do not cancel project Apollo and use the money for cancer research.

The fact is simply that cancellation of Apollo would not assure that the money would be used for finding a cancer cure, nor, if applied, that money alone would speed the discovery.

This extremist viewpoint oversimplifies the complex process undergone by Congress in appropriating funds to meet the numerous demands of our citizens for the varied services of the federal government. Such a radical shifting of funds would require crystallization of public and political opinion to the effect that project Apollo is all wrong and should be abandoned; that cancer research is the essence of survival and it should be expanded; that there is an either-or choice between the two; and that more money is the solution to a cure for cancer.

The facts for developing such an opinion do not exist. The National Aeronautics and Space Administration's board approach to space exploration has been soundly conceived. Project Apollo is an integral element of that plan. Apollo is not an end in itself, but a means of furthering exploration, an epic by-product of expanding technology, economy and position of world leadership.

The need and desire for a cancer cure are great, and lots of money is already being spent on this worthy cause. In fact, some research scientists feel that a major breakthrough — not more money — is needed here. As is often the case in basic research, a genius with a little luck will probably discover the needed scientific link.

Einstein evolved his theory of relativity with only a pencil and no pad. He gave us a scientific breakthrough that

MEDFORD MAIL TRIBUNE

MEDFORD, OREGON, THURSDAY, SEPTEMBER 5, 1963



READY FOR FIGHT—Mrs. Madeline Thompson restrains her two boys, Gregory, 8, who with clenched fists appears ready for a fight and Michael, 5, as she talks with men in front of a Malverre, N.Y., school. Four Negro parents began a sit-in demonstration after school officials refused to register their children on grounds that the parents had no transfer cards from their regular school to the predominantly white one. (UPI)

made many new things possible — the atomic bomb, the nuclear submarine and, some day, travel to other planets. To create a revelation costs no great sum of money.

Funds for Technology

Money is needed, however, to exploit a scientific breakthrough, to make worldwide, practical use of the revelation.

NASA can spend only a fraction of its budget for pioneering

research. Most of the funds go into the engineering technology that is based on research, results of the past. This is costly in manpower as well as dollars.

When the great space debate is resolved, I feel certain that the public will continue its support of a space exploration program that does justice to our country's resources, capabilities and responsibility for world leadership.

Wallace Apparently Determined To Force Federal Government

By AL KUETTNER
UPI Correspondent

By the time the steak, shrimp and chicken were wheeled into the office of Gov. George Wallace of Alabama Tuesday night at nine o'clock, he had once more propelled himself into the middle of a major confrontation over racial integration.

Wallace and his top advisers had been in session all day and their meeting went on into the night. The issue was what to do about Birmingham schools which were scheduled to be opened on an integrated basis Wednesday.

Wallace appeared determined to precipitate another showdown over the issue. He had done it — and lost — in the integration of the University of Alabama in the early summer. He seemed ready and willing to do it again. What was the governor up to?

Wallace, who still has three years to go as governor of Alabama, seems determined to go down to the wire on every integration issue, forcing the federal government to use all its powers.

On the Birmingham case, Wallace also is confronting a local school board, one of the most powerful local bodies in the American system of community government.

But President Kennedy is the governor's really sworn enemy. Wallace can be expected to make it just as hard as possible to put integration orders into accomplished fact as long as he is in office.

Wallace, without expecting to get very far, undoubtedly will be a willing candidate in a Democratic presidential primary in Maryland next spring. It would cost him \$290 as an entry fee but that would buy him the chance he wants to lambast the Kennedy administration outside his own state in a campaign that would get national attention.

Wallace is getting strong support in his battle with the Kennedy administration. But he also is getting strong opposition.

Both Birmingham and Macon county (Tuskegee) officials asked the governor to allow local authorities to handle the school crisis.

Wallace up to now is absolutely adamant on the racial issue. He told the Senate Commerce committee during its consideration of the new civil rights bill that he would not enforce the public accommodations section if it became law.

He also chided integrationist forces in the North, saying that segregation in Alabama is "above board" while it is just the opposite in the North.

Wallace is a tireless campaigner, even when he knows he is fighting a losing battle. Among his followers, he never admits defeat. He emerged undaunted from the University of Alabama integration incident with the attitude he had made his stand and proved his point.

Employs Troopers

He is backing up his anti-Kennedy, anti-integration campaign these days with a fast-moving, tough band of state troopers headed by Maj. Al Lingo, chief of the state patrol.

The troopers, with oaken bills swinging at their sides, move with full riot equipment and a portable radio transmitting station.

They joined Birmingham police last May when racial rioting broke out. In the current crisis, the Birmingham City Council asked the troopers to stay out of town. Wallace ignored the request.

Frost Warnings, Heat, Rain Noted

By United Press International

Frost warnings were posted in New England today. Texas sized with night time temperatures near 90 degrees and freakish storms dumped up to a half inch of rain in bone dry Southern California.

The mercury plunged to 33 degrees at Houlton, Maine, and other readings in the 30s were reported across New England and the upper Great Lakes region.

Temperatures across the Southland stayed in the 80s during the night. Dallas, Tex., had an 89-degree reading at midnight.

Los Angeles received .39 inches of rain in 18 hours starting Wednesday, the first measurable rainfall there for the dates in 85 years of records.

The storm Wednesday flooded intersections, caused power failures and forced postponement of Los Angeles' 182nd birthday celebration.

Some areas in Southern California, Arizona and New Mexico reported nearly an inch of rain. Miramar, Calif., had .92 of an inch of rain Wednesday.

Showers swept Dixie Wednesday, with Tupelo, Miss., reporting 1.58 inches and Memphis, Tenn., .88 of an inch. Nearly one inch of rain fell at Salina, Kan., in six hours.

JUST GOTTA CROW

Indianapolis, Ind. — (UPI) — A rooster named "Tom" crowed 71 times Wednesday to win the annual rooster crowing contest at the Indiana State Fair. The rooster, owned by Virgil Carey, Cornersville, set a half-hour crowing record Monday with 91 calls.

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