

Space Scientist Says U.S. Could Perfect Moon Rocket In 6 Years

WASHINGTON (UPI)—A space scientist said today that the United States could perfect a giant, low-cost, all-solid fuel rocket in time to put a man safely on the moon by January, 1967.

This would be several years ahead of the National Aeronautics and Space Administration's schedule for a manned trip to the moon powered in part by liquid fuel rockets.

H. L. Thackwell Jr. of the Grand Central Rocket Co., Redlands, Calif., proposed construction of a five-stage solid fuel rocket which would be manufactured in sections and put together at the launch site.

"Assuming a starting date of Jan. 1, 1961," Thackwell told the American Rocket Society, "it would be possible for the U.S. to land a man on the moon by January, 1967."

"This same launch vehicle could place 250,000 pounds into a 300-mile orbit at an over-all launch cost of approximately \$100 per

pound as compared to the \$10,000 per pound it has cost to launch the present U.S. satellites into orbit."

Developing Small Rocket

The civilian space agency is developing a small all-solid fuel rocket, the Scout, for hurling 150-pound satellites into 300-mile orbits from the Wallops Island, Va., launch center. It has ordered studies of solid fuel giants generating millions of pounds of thrust.

Thackwell proposed an early start on actual building of such rockets. He envisions simple motor segments loaded with propellant at the factory and designed for easy transportation by existing means to the launching site.

They would be assembled into five-stage launch vehicles, he said, because the segments are loaded at the factory, fewer men and less complex equipment are needed at the launching area.

He said this would greatly reduce countdown times and cost.

"The proven reliability and safety of solid rockets, coupled with

their low production and development costs, have made them logical candidates," Thackwell continued, "for the launch vehicles required by the U.S. space programs."

Private Space Ventures

The rocket society also was told that before another year has passed private companies will have tested in orbit the forerunners of a satellite system providing worldwide commercial telephone and television service.

The American Telephone and Telegraph Co. expects to have an active-repeater satellite, which will receive and rebroadcast messages, ready for launching next fall into an orbit of a few thousand miles altitude.

The Hughes Aircraft Co., the society was told, will be ready at the same time to launch a similar satellite into a 24-hour "stationary orbit" about 22,300 miles high.

At such a height the satellite's orbital velocity would be identical with the earth's speed of rotation and therefore would appear to an observer below to be standing still.

The space agency proposed to supply launching facilities to private companies who come up with "well conceived" communication satellites.

GRANGE NEWS

POMONA

Four State grange officers, including State Master Elmer McClure, were present during a Klamath County Grange Conference at Poe Valley Recreation Hall Saturday, Dec. 3, at 1:30 p.m.

Others were State Secretary Mildred Norman, Portland; Victor Croxton, state lecturer and state deputy, Central Point; and Earl Moore, chairman of the Home Agricultural Committee, Hood River.

McClure, presiding, spoke briefly

and welcomed the attendance. Croxton delivered a pep talk, urging grangers to work for a strong organization, using specific tools and methods.

Croxton continued instruction after a coffee break at 3:15 p.m. He offered service concerning methods of improving the lecturer's program. His talk covered material delivery, contests, awards and many other facets of programming.

A question-and-answer period followed. A no-host potluck dinner was served and the meeting reconvened during the evening.

McClure opened the session with a talk about the new national and state-level building program. He gave a legislative report and introduced Moore, who talked about agriculture.

The state secretary was introduced and she spoke about the topic "Working Out Vital Grange Programs." She later offered instruction concerning new flag presentation ceremonies recommended by the National Grange and adopted by the State Grange.

McClure closed the meeting late that evening, mentioning that effective grange organization is "25 per cent ritualism and 75 per cent good organization of committees, youth groups, juvenile grange, home economics clubs and other active grange functions." Enthusiasm leads to a prosperous and successful grange, he said.

County Pomona Grange Home Economics Club Chairman Zetta Sullivan served refreshments.

A number of Pomona Grange officers were present as well as four subordinate grange lecturers from Klamath County—Mrs. Al Grant, Poe Valley Grange; Mrs. Dixie Reimert, Shasta View Grange; Lorena Martin, Fort Klamath Grange; and Mayme Cammock, Midland and Pomona granges.

Court Records

KLAMATH FALLS MUNICIPAL COURT

Wilbur Harrington, drunk, \$25 or five days.

Lloyd Luke Latches, drunk, \$25 or five days; disorderly conduct, \$25 or five days.

Henry Counts Smith, drunk, \$25 or five days.

Amos August Shadley, drunk, \$25 or five days.

Richard Winfield Kirk, drunk driving, \$100 and 30 days.

Clarence Paul Hoyer, drunk, \$25 or five days.

Mary Ann Shuey, drunk, \$25 or five days.

George David Huford, drunk, \$25 or five days.

Earl Lee Campbell, drunk, \$25 or five days.

Hilario V. Olvera, drunk, \$25.

Hoy Lester Loudermilk, drunk, \$25 or five days.

Lamar Hans Anderson, drunk, \$25 or five days.

Godfrey Joel Rambo, drunk, \$50 or 10 days.

Gloria A. George, drunk, \$25 or five days.

Nathan D. Copperfield, drunk, \$25 or five days.

Stanley Pierre, drunk, \$25 or five days.

John Walter Swain, drunk, \$25.

Martin Latches, drunk, \$25 or five days.

Fred John Griebel, drunk driving, continued; disorderly conduct, continued.

Rufus Eugene McDonald, drunk, \$25 or five days.

Ben Hughes, drunk driving, \$100 and 30 days.

Clarence Frederick Wilson, obtaining money under false pretenses, continued.

Rudolph Cheraldo, drunk, \$25.

Justin Strother McCoy, drunk, \$25 or five days.

Ora Curtis Tuler, drunk, \$25 or five days.

Bybee Butler, drunk, \$25 or five days.

Florence W. Hurd, drunk, continued.

Jay Hull, drunk, \$25 or five days.

Clarence William Badger, violation of the basic rule, \$50 violation of ordinance #25, \$25.

Keith Leroy Kaler, drunk, \$25.

Domingo Jousquin Bencomo, drunk, \$25 or five days.

Robert Eugene Bickham, drunk, \$25 or five days.

Nick Benny Gonzales, drunk, \$25 or five days.

Jess Lano, drunk, \$25 or five days.

Blurton Baker, drunk, \$50 or 10 days.

Bruce Donald Miller, drunk, \$25 or five days.

Lawrence Jackson, drunk, \$25 or five days.

TRAFFIC

James Benjamin Fennell, ran red light, \$10.

James Dean Barnes, using the wrong lane, \$7.50.

Albert M. Lynch, illegal left turn, \$7.50.

Patricia Granitt, violation of Ordinance #25, \$15.

Thomas Ted Schofield, violation of the basic rule, \$10.

Gregory Monroe Schulte, drunk driving, dismissed.

Harvey Arthur O'Brien, drunk driving, dismissed.

Martin Tenus Green, reckless driving, dismissed.

Gordon Lowell Veitch, ran stop sign, \$10.

Ron Marvin Malson, improper turn, \$7.50; no operator's license, \$2.50.

William Luther Helen, excessive exhaust noise, \$7.50.

Dean Backes, no operator's license, \$7.50.

Donald L. Smiley, improper turn, \$7.50.

George Franklin Crain, reckless driving, dismissed.

Willis Martin Robinson, drunk driving, \$20.

Beius Oran Standridge, no operator's license, \$7.50.

Ray Reese Bailey, failure to yield right of way to a vehicle, \$25.

Arthur Paul Altforer, defective equipment, \$12.50.

Gilbert Lee Griffin, ran red light, \$7.50.

Nicholas Vernon Rentenaar, defective brakes, \$10.

Myrtle L. Hescock, ran red light, \$10.

David Harlan Bailey, ran stop sign, \$10.

Deanna Lee Froman, improper turn, \$7.50.

Edel Eugene Bowden, violation of the basic rule, \$10.

Ron Williams At Assignment

Army Specialist Four Ronald G. Williams, 26, whose wife, Damaris, lives at 1419 Canby Street, recently arrived in Germany and is now a member of the 24th Infantry Division.

Specialist Williams, a fire team leader in Company E of the division's 19th Infantry in Augsburg, entered the Army in February, 1959.

He attended Del Norte High School, Crescent City. His parents, Mr. and Mrs. Garry F. Williams, live at 1634 S. E. Fifth Avenue, Portland.

HISTORIC DUD

OKLAHOMA CITY (AP)—The Oklahoma Historical Society owns an oil well. It was donated by a firm which felt the well would be of interest to visitors. It is not a producer.

STAR GAZER
By CLAY R. POLLAN

Your Daily Activity Guide
To develop message for Thursday, read words corresponding to numbers of your Zodiac birth signs.

ARIES MAR. 21-19-26-30-42-63-78-87-89	Taurus APR. 21-15-33-48-52-60-77-81-88	GEMINI MAY 21-3-5-9-14-22-28-39	CANCER JUNE 21-16-24-26-38-44-52-63	LEO JULY 21-21-24-26-38-44-52-63	VIRGO AUG. 21-1-23-41-46-50-59-75
1 Permit 2 Influential 3 Your 4 H 5 Murel 6 Make 7 You 8 Gambler 9 Will	11 Recognized 12 Watchword 13 OI 14 Opposite 15 On 16 Make 17 Interested 18 Sex 19 In 20 Tied 21 Will 22 Excitement 23 In 24 Confidence 25 Anticipation 26 Response 27 Partner 28 Cooperation 29 And 30 Something 31 A 32 Sleep 33 Your 34 Sem 35 In 36 Temptation 37 Your 38 And 39 Develops 40 All	31 Recognized 32 Watchword 33 OI 34 Opposite 35 On 36 Make 37 Interested 38 Sex 39 In 40 Tied 41 Will 42 Excitement 43 In 44 Confidence 45 Anticipation 46 Response 47 Partner 48 Cooperation 49 And 50 Something 51 A 52 Sleep 53 Your 54 Sem 55 In 56 Temptation 57 Your 58 And 59 Develops 60 All	41 To 42 Facts 43 Today 44 Your 45 Could 46 Forward 47 Sali 48 Indicated 49 Make 50 Tied 51 Will 52 Excitement 53 In 54 Confidence 55 Anticipation 56 Response 57 Partner 58 Cooperation 59 And 60 Something 61 A 62 Sleep 63 Your 64 Sem 65 In 66 Temptation 67 Your 68 And 69 Develops 70 All	61 To 62 Facts 63 Today 64 Your 65 Could 66 Forward 67 Sali 68 Indicated 69 Make 70 Tied 71 Will 72 Excitement 73 In 74 Confidence 75 Anticipation 76 Response 77 Partner 78 Cooperation 79 And 80 Something 81 A 82 Sleep 83 Your 84 Sem 85 In 86 Temptation 87 Your 88 And 89 Develops 90 All	61 To 62 Facts 63 Today 64 Your 65 Could 66 Forward 67 Sali 68 Indicated 69 Make 70 Tied 71 Will 72 Excitement 73 In 74 Confidence 75 Anticipation 76 Response 77 Partner 78 Cooperation 79 And 80 Something 81 A 82 Sleep 83 Your 84 Sem 85 In 86 Temptation 87 Your 88 And 89 Develops 90 All

Good (G) Adverse (A) Neutral (N)

Drug Addicts Total Near 10,000 Cal Report Shows

SACRAMENTO (UPI)—The first comprehensive report on narcotics arrests made in California shows that:

- There are approximately 10,000 addicts or near addicts in the state.
- Few juveniles are arrested, although nearly all suspects are young.
- The public may be wrong in believing that narcotics generally start persons on a life of crime.

Atty. Gen. Stanley Mosk released the report Sunday and said it was the first such extensive study to be made in the United States. He added that California faced a narcotics problem of major proportions "but it is not out of control."

Prepared by the Bureau of Criminal Statistics, the report counted 17,630 narcotics arrests during the period from July, 1959, to June, 1960. Of the total, 30.7 per cent were repeaters.

The report found "at least 5,812 users or potential users" of heroin and opiate derivatives—the habit forming drugs. It concluded that the figure 10,000 "might serve as a rough estimate of the total" because the statistics bureau believed, like many police officers, that such a user is bound to be arrested at least once every two years.

Arrests connected with marijuana and the so-called dangerous drugs like barbiturates, which are not habit forming, comprised 43.8 per cent of the total.

Los Angeles County accounted for 67.3 per cent of the total arrests and 10 Southern California counties together accounted for 22.1 per cent but the report said this might result from "concentrated efforts" in Southern California on the part of "large specialized narcotic units."

The statistics showed that 44.2 per cent of those arrested were white, 29.4 per cent were Mexican descent and 24.7 per cent were Negro. In 35 per cent of all arrests, the suspects were men.

Bishop Charges Churches Decline In Vitality

SAN FRANCISCO (UPI)—America's churches are "declining" in vitality and influence, a prominent Episcopal bishop said today, because most of their members "regard themselves as customers rather than as salesmen" for Christianity.

A frankly pessimistic diagnosis of the nation's spiritual health was made by the Rt. Rev. James A. Pike, Episcopal Bishop of California, before the general assembly of the National Council of Churches.

Although church membership is at an all-time high, Bishop Pike said, the rolls include millions of people who are not committed followers of Jesus Christ, and who look upon the church as a social club "rather than a division in the army of the Lord."

"The church is meant to be the 'leaven in the lump,'" he said. "But in America today, 'it is not transforming society, it is being transformed by society.'"

Bishop Pike said popular American religion has become "man-centered rather than God-centered."

"Deep in the heart of our 'religious boom' has been the idea that 'religion is good for you.' Instead

of adhering to Christian principles of righteousness and moral responsibility, we have often dealt with our religion in terms of a 'cheap tranquilizer.' A living Christianity will disturb peace of mind as much as it will provide for it."

He said the church's influence has also been damaged because "we have been dissipating much of our energy in fighting among ourselves, underlining and exaggerating our denominational differences rather than learning to work around them."

A more optimistic appraisal of current church life came from the Rev. Dr. Roy G. Ross, general secretary of the national council. He told the assembly that all "statistical indications" point to a continued "rising tide of religious interest in the United States."

"It is my firm belief that the churches in America have never been healthier or more vigorous in their witness than at the present moment in history," said Dr. Ross. "There are many evidences today of renewed faith, of broader vision, of deepened dedication of enlarged conceptions of service and of more relevant types of witness which augur well for the future."

"The very fact that the church can afford to look critically at her inner life and to assess her shortcomings is in itself a sign of strength."

The Rev. Dr. T.uman B. Douglass, noted congregationalist leader of New York, said the role of the church in society is to guide men "in the choice of objectives and goals" rather than to prescribe pat solutions for complex problems.

"I think it must be maddening to responsible laymen when ministers tell them that the complex problems of our society can be solved by narrow 'religious' methods—by a little more prayer, a little more Bible reading, a little more application of the teachings of Christ," Dr. Douglass said. "Do not misunderstand me," he said. "I am in favor of all these activities."

"But the Bible and the teachings of Christ have very little to tell us specifically about how to improve agricultural productivity in a technically retarded area. From the Bible and the teachings of Christ we may derive the principle of equal educational opportunity for all people, but they tell us very little about how to im-

prove instructional methods in our schools and universities."

He said the church must learn to "listen" to its competent laymen to find truly Christian answers to the highly technical questions facing modern society.

Badly Burned Lad Recovering

OAKLAND (UPI)—Doctors at Oak Knoll Naval Hospital said today that Douglas Kehres, 6, Eureka, was "getting along as well as can be expected."

The boy was flown here from his home last week after he suffered third degree burns on the upper portion of his body when his clothing became soaked with gasoline and caught fire.

A hospital spokesman said young Kehres was still on the critical list but was "mentally clearer and talking to us now."

Douglas will be fed liquids and ice cream today, according to the spokesman, who said this week would be the critical time in his case.

The spokesman said Douglas was being treated by the open exposure method during which no dressings are applied to the burns. He said so far the blood serum of burn victims has not been used on the boy but that it might be used later this week. A San Francisco doctor reported last week that he was successfully using the blood of former burn patients on a severely burned Watsonville girl. The blood is believed to contain an antibody that speeds recovery.

BE CAREFUL, BUSTER

BERIN (UPI)—Christian Melzig wrote a letter to the Communist youth newspaper "Young World" recently to complain about a radio he purchased from the state-owned factory in Halle.

He promptly received a letter from the factory's service department which stated: "We urgently request you to be a little more careful with that type of press complaint. It could have very uncomfortable results for you."

The letter closed with a greeting for "unity, peace and socialism."

The story was revealed Monday by the "Young World."

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