

Air Force Advised In June of Earth Satellite by Reds

Washington—A research firm doing top secret work for the government advised the Air Force last June 21 Russia would launch an earth satellite probably on Sept. 17.

Russia launched Sputnik No. 1 17 days later on Oct. 4.

A copy of the report to the Air Force, made by the Rand Corporation of Santa Monica, Calif., was made available to the United Press. The concern is an independent non-profit organization doing secret research and development including contracts with the Air Force and Atomic Energy Commission.

Contained Dog Sketch

The 24-page report summarized recent Soviet publications which, the Rand Corp. study said, indicated the Russians were about to send a satellite into orbit around the earth. The report, given to the Air Force June 21, contained a sketch of a dog harnessed for space flight.

The Rand report based its estimate of the Soviet satellite launching on Russia's announced intention to put several satellites into orbit, and the announced postponement of the U.S. satellite launching until March, 1958.

"The prestige and propaganda value to be gained from a premier launching of an earth satellite, whether instrumented or not, undoubtedly present a circumstance far too attractive for the opportunists in the Kremlin to ignore," the report said.

Rep. John E. Moss (D-Calif.), chairman of a House Information subcommittee, sharply criticized the Air Force for failing to act on the warning and for following a "public be damned" information policy is not alerting the American people.

The Rand report also warned that Russia's interest in space flight is "not merely academic or superficial but is as serious and purposeful as interest can be in a subject that is sponsored to the hilt by a ruthless totalitarian regime."

Convair Announces Missile Details

San Diego, Calif.—Convair-Astronautics, builder of the giant Atlas intercontinental ballistic missile, has revealed for the first time some details of its weapon.

In a report made public here Thursday, Convair said the Atlas had been under design since 1946 and that it had introduced three important innovations in the missile field.

These were the first swiveling of engines for directional control, the first use of the missile walls for tanks and the first separable nose cone.

Two Atlas missiles have been fired from Patrick Air Force Base, Fla., and both have exploded in the air because of malfunction. Reliable Convair sources said the third Atlas was ready for firing at the base and probably would be launched next week.

The Convair statement said that military cutbacks caused great delays in the Atlas development and that from 1947 until 1951, research was continued without government funds.

The huge, 80-foot-long weapon was designed to carry a hydrogen warhead 5,000 miles to target, Convair said.

Accused Killer Is Jailed as Vagrant

Bakersfield, Calif.—An escaped mental patient and accused killer, so tough his threats brought out the Mississippi National Guard, has been arrested in an alley as a simple vagrant, FBI agents said today.

The identification of the vagrant as Frank Edward Wetzel, sought in a nationwide manhunt as the suspected slayer of two North Carolina State patrolmen, was announced Thursday night by FBI agents. They said he was arrested Tuesday night on suspicion and sentenced to 30 days

in jail as a vagrant. Later he was identified through fingerprints.

Wetzel is an escapee from a New York mental hospital. He broke out vowing to free his brother, William, who is awaiting execution in Parchman (Miss.) State prison for the murder of a fellow inmate.

Wetzel has been linked to the slaying of North Carolina State patrolmen Wister Lee Reese and James T. Brown on a North Carolina highway Nov. 5. Police say his fingerprints were identified on a stolen car believed to have been driven by the killer.

Wetzel escaped from the Willard State Mental Hospital, Willard, N.Y., Oct. 21, only two weeks after he was committed for observation following arrest as a probation violator.

Clothes of Antarctic Described by Writer

By CHARLES MOORE
United Press Correspondent
Christchurch, New Zealand—Clothes make the man in the antarctic.

And the men who man the nation's scientific stations at the bottom of the world are no different from the Madison Avenue dudes with Ivy league trousers and button down shirts.

But they have more to work with. The antarctic resident is a man of many parts . . . from his two pairs of socks to his three pairs of gloves.

In addition to his heavy wool socks, he covers his feet with two pairs of shoes. One is a wool-felt inner liner and the other is a GI version of the Eskimo muk-luks.

These are boot-like footwear with rubber soles and canvas tops that extend to just below the knee.

The clothes on the body begin with a new type of long-john and work outward.

Underwear is made of waffle-knit cotton, a recent invention that provides the warmth of wool without wool's itching or shrinking problems. The waffle knit construction holds cells of warm air next to the body.

The next item of wear is the wool shirt, which is followed by heavy trousers, a heavy wool sweater and, on a mild day, an insulated jacket.

Cold days require a heavy insulated parka with the head cov-

ered with a wool-lined cap with flaps that protect the forehead, ears and the nape of the neck.

Three-Piece Gloves

The gloves usually come in three pieces—an inner-lining of knit wool or cotton, followed by horsehide gloves large enough to accommodate the liners and finally, heavy wool mittens.

These are slung on straps that hang from the neck so the mittens can be removed for close handwork without being lost.

All this probably is government issue and most of it olive drab.

But there's color in the antarctic, too. Most pilots have featherweight wind-proof trousers and parkas to wear. These come in a wide range of brilliant colors, includ-

ing red, blue and yellow. Navy pilots wear blazing orange crash helmets.

Additional bits of color are added to the clothes by the men. They include pieces of fluo-

cent "day glo" marker cloth, which are sewn on the tops of the shoes and, in some cases, on the seats of the trousers.

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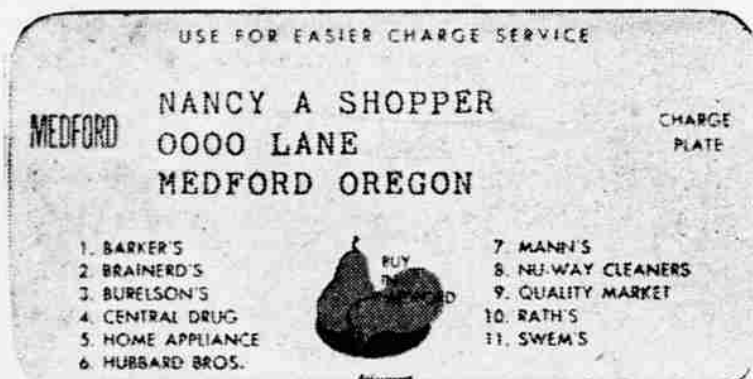
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