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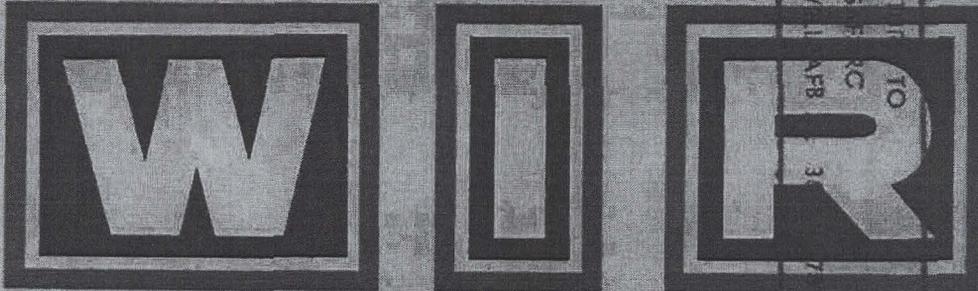


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NORTH AMERICAN AIR DEFENSE COMMAND



K410. 607-268

WEEKLY INTELLIGENCE REVIEW (U)
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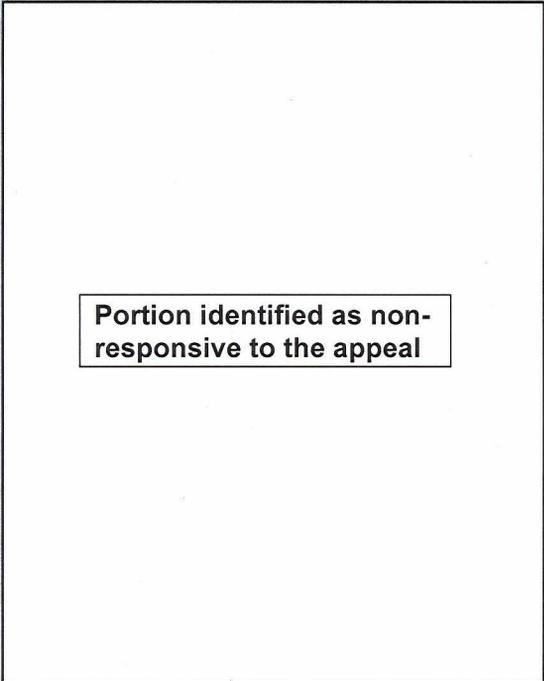
Weekly
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Review

Issue No. 15/66, 15 April 1966

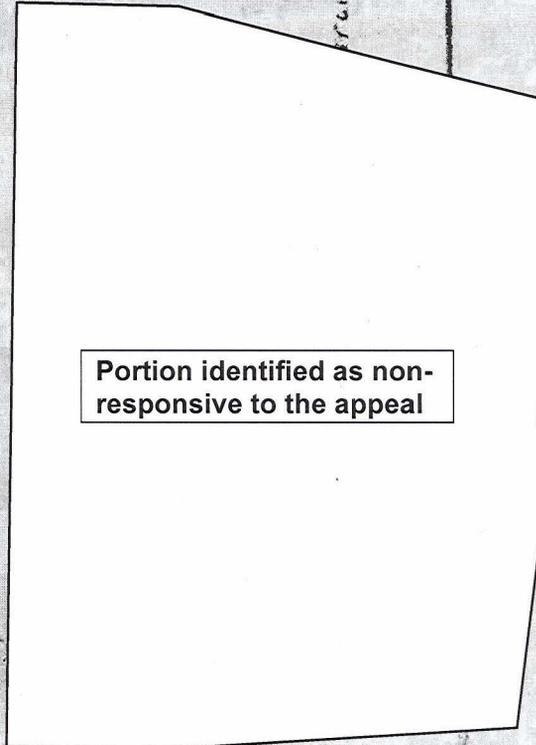
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The WIR in Brief



Portion identified as non-responsive to the appeal



Portion identified as non-responsive to the appeal

Space
COSMOS 114 IS SECOND SATELLITE LAUNCHED FROM PLESETSK
Northern activity could become a habit.
'PROTON' LAUNCH EVENT FAILS
First failure in three known tries.

Portion identified as non-responsive to the appeal

10 COVER: Belly of BEAR missile carrier
11 (COMICEDEFOR) (OFFICIAL USE ONLY)
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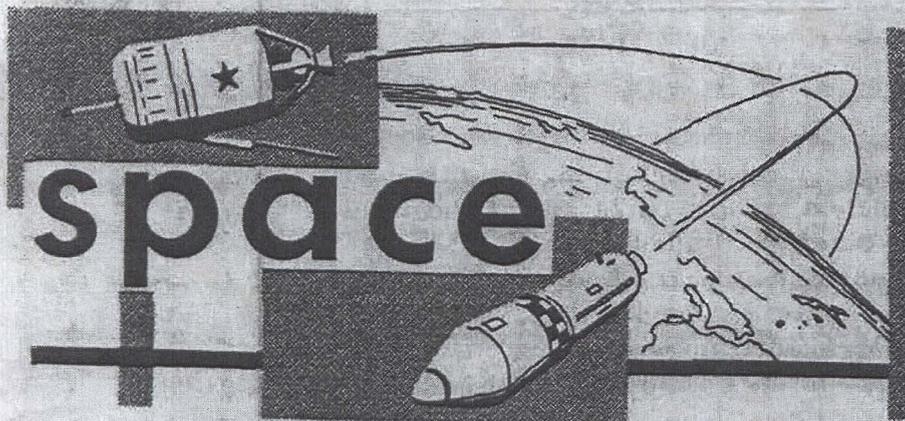
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significant
intelligence
on space
developments
and trends

Cosmos 114 is Second Satellite Launched from Plesetsk

The Soviets launched Cosmos 114, a photoreconnaissance satellite, from Plesetsk (about 130 miles due south of Archangel) at about 1140Z, 6 April. This is only the second satellite to be launched from this ICBM complex: all other Soviet satellites have been launched from the Tyuratam and Kapustin Yar Missile Test Ranges. Cosmos 112, also a photorecce payload, was the first satellite launched from Plesetsk (17 March).

Orbital parameters for the new satellite have been reported as follows:

	<u>By NORAD Space Defense Center</u>	<u>By TASS</u>
Equatorial inclination	72.9 degrees	73.0 degrees
Period	89.8 minutes	90.1 minutes
Apogee	336 kilometers (181 n. m.)	374 kilometers (201 n. m.)
Perigee	218 kilometers (117 n. m.)	210 kilometers (113 n. m.)

Cosmos 114 was launched by the SS-6 ICBM booster-sustainer and injected into orbit by the heavy Venik upper stage.

The Soviets issued their standard Cosmos-type announcement, saying that the new satellite is a scientific research vehicle studying the near-Earth space environment. However, all indications are that it is a photoreconnaissance satellite; use of the Venik upper stage indicates that it carries a camera system of high resolution (5-8 feet).

Determination that the vehicle was launched from Plesetsk is based on backtracking of the orbit. Plesetsk is the only known Soviet site under the Zero-orbit Earth trace with an SS-6 capability.

(NORAD)

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'Proton' Launch Event Fails

An unmanned space operation involving the large Proton booster system ended in early inflight failure on 24 March. This was the first failure of this system in three known launches.

The primary purpose of all three operations probably was to test-launch systems for use in future manned flights, although Protons 1 and 2 did execute a new and useful mission of studying cosmic rays.

The scientific payloads orbited by the Proton propulsion vehicle last year weighed 27,000 pounds. The size and mission of the payload of the 24 March operation have not been identified.

The addition of a suitable third stage on the large Proton booster would enable launch of an orbiting manned laboratory, or launch of a manned circumlunar flight.

(CIA)

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