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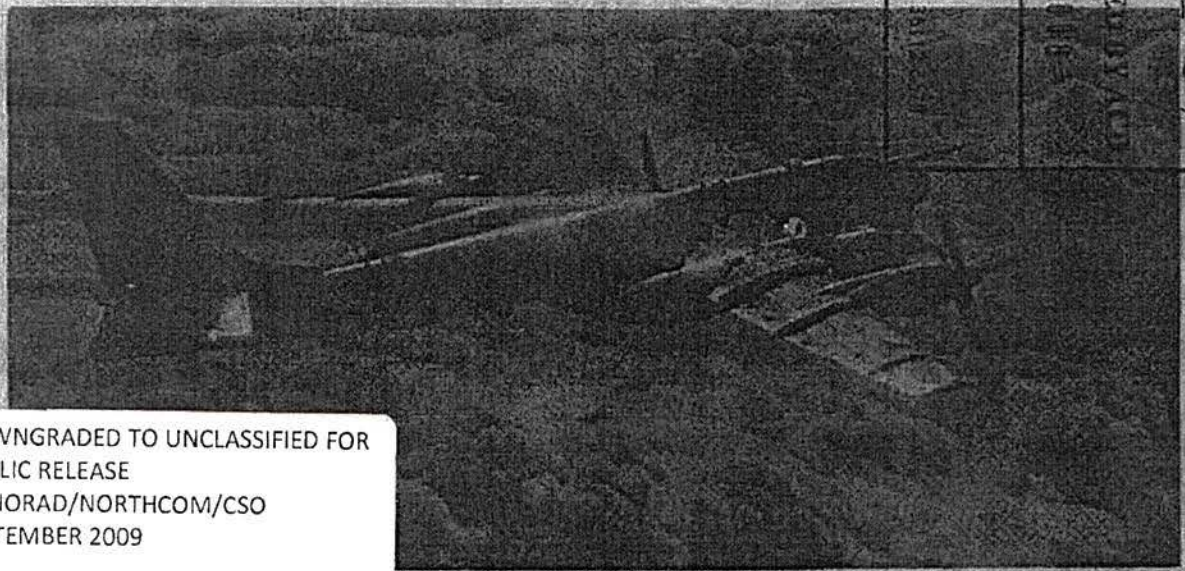
NORTH AMERICAN AIR DEFENSE COMMAND

W I R

WEEKLY INTELLIGENCE REVIEW (U)

PRIVILEGED INFORMATION

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Weekly
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Review

Issue No. 2/70, 9 January 1970

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The WIR in Brief

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Portion identified as non-responsive to the appeal

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Space

RECSAT COSMOS 317 MANEUVERS 3 TIMES IN 3 DAYS; DEORBITED AFTER 13-DAY FLIGHT ~~(S)~~

Maneuvered on 24, 25, and 26 December.

FRANCO-SOVIET SOLAR INTERFEROMETER WILL HAVE ONE SENSOR ON EARTH, OTHER ON MOON (U)

Long base line should give fine resolution. NEW MICROMETEORITE DETECTOR MAY GIVE SAME ERRONEOUS DATA THAT PREDECESSOR GAVE ~~(S)~~

May also be recording high-energy protons. AUTOMATED BLOOD-COUNT SYSTEM COULD FIND USE ON LONG SPACE FLIGHTS, UNDER-SEA MISSIONS ~~(S)~~

Real-time readout by nonmedical personnel possible if system is fully developed.

COVER: (Photo.OUO) Soviet Naval BEAR D, a reconnaissance aircraft which has no weapon carrying capability. ~~(SECRET)~~

NOTE: Pages 22, 23, and 26 of this issue are blank.

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significant
intelligence
on space
developments
and trends

Recsat Cosmos 317 Maneuvers 3 Times in 3 Days; Deorbited After 13-Day Flight ~~(S)~~

The Soviet military reconnaissance satellite Cosmos 317, which the Soviets launched into a nominal 65-degree orbit on 23 December, maneuvered as follows:

<u>Time and Date of Maneuver</u>	<u>Change in Orbital Period</u>
0920Z, 24 December	Increased by 18 seconds
1506Z, 25 December	Decreased by 29 seconds
1206Z, 26 December	Increased by 12 seconds

Cosmos 317 is the Soviets' 4th known photorecce satellite capable of maneuvering. The others were Cosmoses 251, 264, and 280. Maneuvering can increase the flexibility of target coverage.

The Soviets deorbited Cosmos 317 on Revolution 205 on 5 January 1970 after a flight of slightly more than 13 days. Impact is estimated to have occurred at about 0719Z in the vicinity of 5045N-5600E, about 70 n. m. south-east of Orenburg

(NORAD)

~~(SECRET)~~

Franco-Soviet Solar Interferometer Will Have One Sensor on Earth, Other on Moon (U)

France and the USSR reportedly are preparing to establish a radio-interferometer to measure solar radiowave activity which will have an Earth-Moon baseline, that is, one receiver on the Moon and a second one on the Earth. Preliminary observations are being made now in France on the 18-centimeter wave band with the help of Soviet equipment. (OFFICIAL USE ONLY)

The antennas for this ambitious project, named Stereo, will be 5-meter dishes. The Soviets will land one dish on the Moon, the other dish will be

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