

DECLASSIFY 24 JUL 2009



DECLASSIFIED UNDER AUTHORITY OF THE  
INTERAGENCY SECURITY CLASSIFICATION APPEALS PANEL,  
E.O. 13526, SECTION 5.3(b)(3)

ISCAP APPEAL NO. 2009-068, document no. 170  
DECLASSIFICATION DATE: February 25, 2015

~~SECRET~~

**W O R**

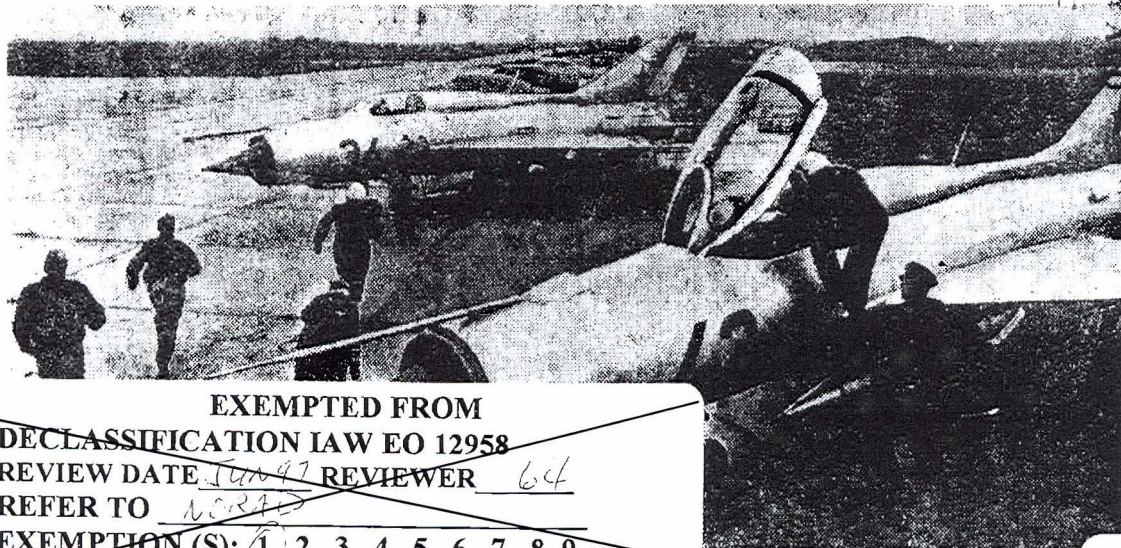
RETURN TO  
O USAF  
AXWELL  
F8  
36

K410.607-319

WEEKLY INTELLIGENCE REVIEW

PROHIBITED INFORMATION

SEE INSIDE COVER FOR SAFEGUARDING GUIDE



SCANNED BY  
2008

00880784

~~EXEMPTED FROM  
DECLASSIFICATION IAW EO 12958  
REVIEW DATE JUN 97 REVIEWER 64  
REFER TO NORAD  
EXEMPTION (S): (1) 2 3 4 5 6 7 8 9~~

DOWNGRADED TO UNCLASSIFIED FOR  
PUBLIC RELEASE  
BY NORAD/NORTHCOM/CSO  
SEPTEMBER 2009

~~SECRET~~

WIR 13/67  
31 MAR 67  
C1

FOR OFFICIAL USE ONLY

**SPECIAL HANDLING REQUIRED**  
This document is releasable only  
to U.S. and Canadian Nationals.

~~EXCLUDED FROM AUTOMATIC  
REGRADING, DOD DIRECTIVE 5200.10  
DOES NOT APPLY~~ Group 1

WIR 13/67  
31 Mar 67

APR 4 1967

Postal Registry No. 2-1720



~~SECRET~~

Weekly  
Intelligence  
Review

RETURN TO  
HQS/AFRC  
M/WEA AFAL  
6112-6678

K410.607-  
319

# NORAD

Issue No. 13/67, 31 March 1967

## The WIR in Brief

Portion identified as non-responsive to the appeal

Portion identified as non-responsive to the appeal

### Space

RECCE COSMOS 147 DE-ORBITED 'ON SCHEDULE' 8  
On Rev 125.  
COSMOS 149 MISSION UNKNOWN, BUT UNUSUAL FOR 8  
A KY COSMOS  
Transmitted video, made orbital change.  
COSMOS 150 HAS HIGH-RESOLUTION RECCE 9  
MISSION  
Launched from Plesetsk 22 March.  
COSMOS 151 MISSION UNKNOWN; LAUNCHED BY 9  
RARELY USED SL-8  
SL-8 is versatile, economical propulsion system.  
MISSION OF COSMOS 152 UNKNOWN 10  
Similar to some scientific research vehicles.

Portion identified as non-responsive to the appeal

2  
2  
3  
3  
4  
5  
6  
6  
6  
7  
10  
10  
11

12  
17  
18  
20  
21  
22  
21  
22  
23  
23  
ps.  
24  
25  
26  
27

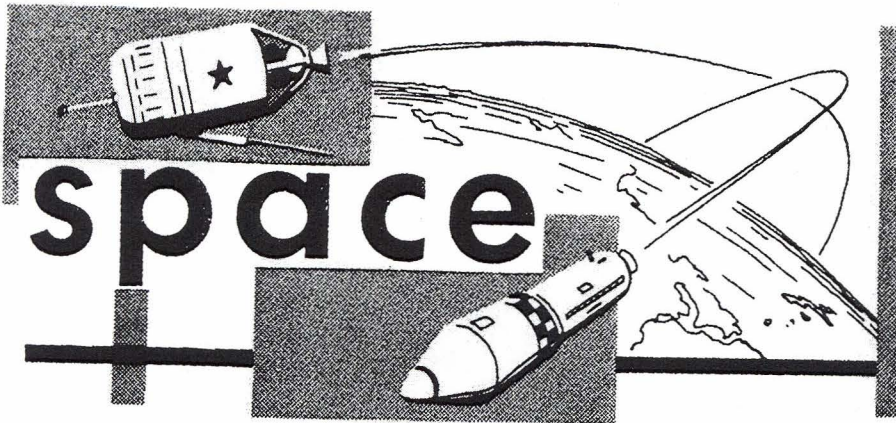
00880784

COVER: FISHBED all-weather fighters (from Red Star) (OFFICIAL USE ONLY)  
NOTE: Pages 28, 30, 31, 34, 35, 38, 39, 42, and 43 of this issue are blank.

-1-

~~SECRET~~ FOR OFFICIAL USE ONLY

~~SECRET~~



significant  
intelligence  
on space  
developments  
and trends

### Recce Cosmos 147 De-orbited 'on Schedule'

Cosmos 147, a medium-resolution photoreconnaissance satellite which the Soviets launched from Plesetsk at about 1210Z, 13 March, was de-orbited nearly 8 days later, on 21 March, probably impacting in the USSR during the early part of Revolution 125. Its mission is believed to have included collection of electronic intelligence.

(NORAD)

~~(SECRET)~~ NO FOREIGN DISSEMINATION -- Releasable to US, UK & Canada)

### Cosmos 149 Mission Unknown, but Unusual for a KY Cosmos

The mission of Cosmos 149, which the Soviets launched from the Kapustin Yar (KY) Missile Test Range at about 1007Z, 21 March, is not known. The Soviets announced, as they have for all Cosmoses, that it is participating in a program of research of the near-Earth space environment and of the Earth's cloud cover.

This claim, while patently false for most of the 114 Cosmoses launched from Tyuratam and Plesetsk, is believed to have been valid in the past for all or almost all of the 36 Cosmoses launched from KY. Cosmos 149, however, does not fit the pattern:

- Its orbit -- the lowest of any KY-launched satellite -- is too low to be of use in studying the near-Earth space environment or the Earth's cloud cover.
- It is the first KY-launched satellite to carry a video system.
- 
- It appears to have accomplished one or more changes of orbit which, albeit small, have never been observed before with KY-launched satellites.

50X1 and 3, E.O.13526

~~SECRET~~



It is tentatively assessed that Cosmos 149 might be a test of an inexpensive variant of a weather surveillance satellite, or perhaps, the first Soviet attempt at investigating the use of space for the purpose of locating unusual deposits in the Earth's crust.

(NORAD)

~~(SECRET)~~

### Cosmos 150 Has High-Resolution Photoreconnaissance Mission

Cosmos 150, which the Soviets launched from their missile-space complex at Plesetsk at about 1246Z, 22 March, is believed to have a primary mission of high-resolution photoreconnaissance. Its orbital inclination is 65.7 degrees.

The new satellite is the Soviets' 5th reconnaissance satellite of 1967 and the 4th launched from Plesetsk this year. It will probably be de-orbited 30 March.

Correction: WIR 11/67 erroneously said that recce satellite Cosmos 147, was launched from Tyuratam; it was launched from Plesetsk. The only known recce satellite launched to date from Tyuratam this year was Cosmos 143.

(NORAD)

~~(SECRET)~~

### Cosmos 151 Mission Unknown; Launched by Rarely Used SL-8

The mission of Cosmos 151, which the Soviets launched from Tyuratam at about 1151Z, 24 March, is not known.

It was launched by the 2-stage SL-8 propulsion system, previously used in 6 multiple-payload launches in 1964 and 1965 and in the single-payload launches of Cosmos 103 (28 Dec 65) and Cosmos 148 (16 Mar 67). No connection can be established, however, between the mission(s) of Cosmos 151 and other satellites launched by the SL-8 system. The multiple-payload launches are believed to have been associated with the development of delayed-repeater communications and/or navigation-aid systems. The missions of Cosmoses 103 and 148 have never been established.

None of the payloads launched by the SL-8 has been de-orbited. The SL-8 appears to be a versatile and economical vehicle for certain missions. Capable of inflight restart and apparently equipped with an upper stage of optimum size in relation to the first stage, it could perform a wide variety of missions in near-Earth space. It is believed capable of placing:

- A payload of some 2020-3420 pounds into a 100-n.m. circular orbit;



WIR 13/67 31 Mar 67

9

~~secret~~



WIR 13/67 31 Mar 67

10

~~secret~~