

~~TOP SECRET~~

Handle via BYEMAN  
Control System

SCSS

4 October 1967

Space Launch Data

BYE 20311-67

SCG (General Ferguson)

1. For September 1967, two space reconnaissance missions were orbited to obtain photographic data over the Sino-Soviet complex.

a. Program 846 (CORONA J-3):

The improved CORONA J-3 search system was successfully orbited on a thirteen day mission with recoveries of its capsules being accomplished on 21 and 28 September 1967. This system was designed to provide improved photographic resolution by lower orbital flight and with an improved camera system. Early reports from the film processor indicates that the quality of film resolution was below expectation. The aft camera appears to be slightly out of focus while the forward camera provided average quality data comparable to the CORONA J system. Mapping and charting data was obtained with approximately 15% of total film expended.

b. Program 110 (GAMBIT-CUBED):

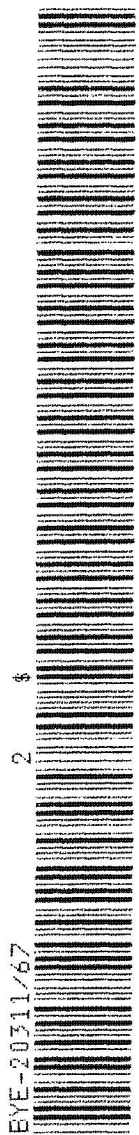
The eighth GAMBIT-CUBED vehicle equipped with a high resolution spotting camera was successfully orbited on a ten day mission with the recovery of its capsule on 29 September 1967. Photography was only taken on South-bound passes because of the receding seasonal sun line. A total of 2135 intelligence targets were photographed between 20 and 74 degrees North Latitude over the Sino-Soviet Block. Post flight resolution indicates that the resolution quality was as good or better than the best for this system. The mission almost failed when a tear in the film developed on orbit five and stopped film movement for approximately one orbit. This problem was corrected by repetitive vehicle commands and a successful wrap-up of the damaged film occurred without complete breakage.

Copy 2 of 2 Copies  
Page 1 of 3 Pages

BYE 20311 -67

Handle via BYEMAN  
Control System

~~TOP SECRET~~



~~TOP SECRET~~Handle via BYEMAN  
Control System

2. There were no new SIGINT launches in September 1967. A number of P-11 and sphere-shaped POPPY vehicles previously placed in orbit are still operating. The orbiting multi-mission EARPOP vehicle launched 24 July 1967 was turned off on 1 October 1967 because of heating problems associated with its high sun angle. It will be turned on again approximately 14 October 1967.

3. The following launches are scheduled for October 1967:

a. Program 846 (CORONA J) is scheduled for launch on 25 October 1967 for a normal 13-15 day mission. A P-11 subsatellite will be carried and launched from the Agena.

b. Program 110 (GAMBIT-CUBED) is scheduled for launch on 24 October 1967.

c. Program 989 (SIGINT) is scheduled to launch a P-11 subsatellite on Mission 7321 with a new type of payload designed to obtain general search information for the ABM system. This payload will operate in the 250 MHZ to 2200 MHZ region.

DAVID H. BARGER, Colonel, USAF  
Director of Ballistic and Space Systems  
DCS/Systems

1 Atch  
Fact Sheet

2

Copy 2 of 2 Copies  
Page 2 of 3 Pages

BYE 20311-67

~~TOP SECRET~~Handle via BYEMAN  
Control System

~~TOP SECRET~~Handle via BYEMAN  
Control System

## FACT SHEET

September 1967

1. Program 846 (CORONA J-3) - Broad Coverage System

Mission No. 1101                      Boosters: TAT/Agena  
 Vehicle No. 1641                      Camera: Two 24" Focal Length  
 Launch Complex: SLC-1                Capsules: Two

- a. Launched: 15 September 1967
- b. 1st Recovery: 21 September, 1744 EDT, (6 days)
- c. 2nd Recovery: 28 September, 1605 EDT, (7 days)
- d. Orbital parameters:

Period: 90.03 Minutes  
 Apogee: 212.8 NM  
 Perigee: 83.7 NM  
 Inclination: 80.08 Degrees

2. Program 110 (GAMBIT-CUBED) - High Resolution Spotting System

Mission No. 4308                      Booster: Titan IIIB/Agena  
 Vehicle No. 4758                      Camera: 160-Inch Focal Length  
 Launch Complex: SLC-4                Capsules: One

- a. Launched: 19 September 1967, 1436 EDT
- b. Recovery: 29 September 1967, 1852 EDT (10 days)
- c. Orbital parameters:

Period: 90.03 Minutes  
 Apogee: 241.97 NM  
 Perigee: 70.93 NM  
 Inclination: 106.12 Degrees

Atch 1

Handle via BYEMAN  
Control SystemCopy 2 of 2 Copies  
Page 3 of 3 Pages

BYE 20311-67

~~TOP SECRET~~