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SCSS

6 September 1967

Space Launch Data

BYE 20310-67

SCG (General Ferguson)

1. In the month of August 1967, the following space reconnaissance missions were orbited to obtain photographic data over the Sino-Soviet complex.

a. Program 846 (CORONA "J"):

The 42nd "J" vehicle was orbited on a fifteen-day mission (7-22 August 1967) to obtain search type photography. Recoveries of the two capsules occurred on 14 and 22 August 1967. Approximately 3,050 picture frames were taken for intelligence purposes. Mapping and charting were allocated approximately 20% of the film. Post flight processing indicates that the film quality was as good as that obtained on previous flights.

b. Program 110 (GAMBIT-CUBED):

The seventh GAMBIT-CUBED vehicle equipped with a high resolution camera was launched on 16 August 1967 and the capsule was recovered on 26 August 1967. Spotting type photography was taken on both the North and South-bound orbital passes. A record total of 3,079 intelligence targets were photographed. Post flight processing indicates that a good quality of film data was obtained.

2. In the SIGINT area, no new launches were made in August 1967. A number of orbiting vehicles are still gathering useful data.

a. Program 989 (P-11 Vehicles):

Missions 7314 and 7315 launched 16 August 1966 to gather General Service (GS) type data are still operating in the 2,000 MHZ - 4,000 MHZ and the 8,000 MHZ - 12,000 MHZ range.

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Control System**b. Program 770 (EARPOP):**

Vehicle No. 2723 launched on 24 July 1967 with an expected life of 30 days is operating satisfactorily. A cutback in operational usage was made to obtain an electrical balance with the power input from solar cells so that operational life can be extended. This is a multi-payload system designed to obtain Directed Coverage, EOB, and General Service type Elint data.

**c. Program 770 (POPPY):**

Four sphere-shaped vehicles launched on 9 March 1967, and an additional four launched on 31 May 1967, are reported to be operating satisfactorily. This system is designed to gather data for General Service and EOB usage.

**3. The launch schedule for September 1967 is as follows:**

a. Program 846 (CORONA J-3) is scheduled for launch on 12 September 1967 for a normal 13-15 day mission. The J-3 is an improved search system designed to obtain better resolution with an improved camera and a better capability for lower orbital flight to approximately 80 NM Perigee.

b. Program 110 (GAMBIT-CUBED) is scheduled for launch 19 September 1967 for a normal ten-day mission.

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

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Fact Sheet

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FACT SHEET

August 1967 Launches

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

Mission No. 1043	Boosters: TAT/Agena
Vehicle No. 1637	Camera: 2-24" Focal Length
Launch Complex: SLC-1	Capsules: Two

- a. Launched: 7 August 1967, 1743 EDT
- b. 1st Recovery: 14 August 1967, 1943 EDT (7 days)
- c. 2nd Recovery: 22 August 1967, 1751 EDT (8 days)
- d. Orbital parameters:

Period: 89.74 Minutes  
 Apogee: 190.6 NM  
 Perigee: 104.3 NM  
 Inclination: 79.97 Degrees

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

Mission No. 4307	Booster: Titan IIB/Agena
Vehicle No. 4757	Camera: 160-Inch Focal Length
Launch Complex: SLC-4	Capsules: One

- a. Launched: 16 August 1967, 1307 EDT
- b. Recovery: 26 August 1967, 1808 EDT (10 days)
- c. Orbital parameters:

Period: 90.20 Minutes  
 Apogee: 247.87 NM  
 Perigee: 74.58 NM  
 Inclination: 111.57 Degrees

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