SCSS

1 July 1967

Space Launch Data

SCG (General Ferguson)

1. The following special program (SAFSP) activities occurred during the month of June 1967.

a. Program 206 (GAMBIT):

The 38th GAMBIT vehicle (Mission 4308) was successfully launched and orbited from SLC-4, East Pad, on 4 June 1967. An orbit adjust was made after the first orbital day to place the vehicle in a special orbit to cover Sary Shagan for the Guided Missile Astronautic Intelligence Committee. This part of the mission was considered a success in that good photography was obtained on six of the remaining seven orbital days. For the entire mission, a total target count of 1906 was obtained. This was the highest target count ever obtained by the GAMBIT system which is being terminated in favor of the GAMBIT-CUBED Program. Recovery was successfully accomplished on 12 June 1967 (8 days).

The orbital parameters were:

	1st Day	2-8 Day
Period	89.50 Min.	90.19 Min.
Apogee	194.52 NM	235.89 NM
Perigee	79.69 NM	81.42 NM
Inclination	104.89 Deg.	104.88 Degrees

b. Program 846 (CORONA "J"):

The 41st "J" vehicle (Mission 1042) equipped with two capsules and a P-11 subsatellite (see paragraph 2.f.) was launched and orbited from SLC-1, West Pad, on 16 June 1967. A successful mission was accomplished. Approximately 23 percent of the film was allocated to mapping and charting. The first capsule was recovered on 22 June 1967 (6 days). The second part of the mission was extended from seven to nine days to cover the Mideast crisis. Recovery of the second capsule which landed in the ocean, was accomplished on 1 July 1967 (9 days). Water impact was attributed to a tumbling reentry which caused the main chute to be deployed below the recovery aircraft. The capsule was shipped to Eastman Kodak and reports indicate that only a few feet of film were damaged by the salt water.

The orbital parameters were:

Period	89.75 Minutes
Apogee	197.50 NM
Perigee	101.60 NM
Inclination	80.01 Degrees

c. Program 110 (GAMBIT-CUBED):

The 6th GAMBIT-CUBED vehicle (Mission 4306) was successfully launched and orbited from SLC-4, West Pad, on 20 June 1967. A special orbit was selected which provided sufficient sunlight to permit photography on both the Northbound and the Southbound passes. This resulted in a total target count of 2947; a new record for high resolution systems. After a ten day mission, the film package was recovered on 30 June 1967. The quality of the photography was reported to be good.

The orbital parameters were:

Period	89.24 Minutes
Apogee	196.80 NM
Perigee	74.66 NM
Inclination	111.41 Degrees

d. Program 770 (EARPOP):

The 20th vehicle launched on 29 December 1966 was declared officially dead on 9 June 1967. A replacement vehicle originally scheduled for launch approximately 13 June 1967 has been rescheduled to 26 July 1967 because of command subsystem anomalies.

e. Program 770 (POPPY):

Mission 7105 consisting of four POPPY payloads was launched on 31 May 1967 and is operating satisfactorily.

f. Program 989 (SIGINT):

The P-11 subsatellite launched by the Program 846 AGENA booster on 16 June 1967 (see paragraph 1.b.) is operating satisfactorily in the planned orbit. This is a SIGINT payload designed to gather telemetry data. Operational life is expected to be one year.

2. Special Program activities scheduled for July 1967 follow:

a. Program 110 (GAMBIT-CUBED) and Program 846 (CORONA "J"):

Due to the large volume of data obtained in June, no new photographic missions are scheduled for July 1967.

b. Program 770 (EARPOP):

Vehicle No. 2723 with payload missions 7162, 7230 and 7231 is scheduled for launch on 26 July 1967. The payload capabilities are as follows:

Multigroup (ALL)	125 MC - 250 MC
	530 MC - 4200 MC
Setter 1B (EOB)	2609 MC - 3215 MC
Donkey (DC)	2450 MC - 3820 MC

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