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Control SystemDEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE SYSTEMS COMMAND
ANDREWS AIR FORCE BASE, WASHINGTON, D.C. 20331REPLY TO
ATTN OF:

SCSS

1 May 1968

Space Launch Data

SCG (General Ferguson)

1. One space reconnaissance mission was orbited over the Sino-Soviet complex in April 1968 to obtain photographic data as follows:

a. Program 110 (GAMBIT CUBED)

Mission 4313 was launched on 17 April 68 for a 10-day mission and was recovered on 27 April 68. A record number (3551) of targets was framed. (This compares to a previous high of 3079 targets framed by Mission 4307 launched on 16 Aug 1967). Read-out of a record number of targets during processing is also expected because of unusually good weather over the target area. Film quality was reported to be as good as the best ever obtained on previous flights.

2. In the SIGINT area, no new launches were made in April 1968. The status of existing orbital vehicles follows:

a. Program 989 (P-11 Subsatellite)

Three satellites continue to operate satisfactorily as follows:

Mission 7320 (SAVANT) DC 61, 66, 71, 76, 165.2, 2, 181 & 240 MHZ
Mission 7324 (TIVOLI) DC 100 MHZ - 4000 MHZ
Mission 7322 (LAMPAN) GS 1000 MHZ - 2000 MHZ
Mission 7323 (SAMPAN 2) GS 2000 MHZ - 4000 MHZ

b. Program 770E (POPPY)

Five vehicles are operating as follows:

Mission 7104 GS

50X1

Mission 7105 - EOB, GS Mission 7106 - EOB, GS Handle via BYEMAN
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FORGING MILITARY SPACEPOWER

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Control Systemc. Program 770A (Multi-Group)

The multi-payload vehicle (Missions 7163 and 7232) are performing satisfactorily but in a reduced capacity in order to conserve power. Frequencies being covered follows:

MG 3	A11	350 MHZ -	4200 MHZ
	EOB	2604 MHZ -	3215 MHZ

3. The following space launches are scheduled for May 1968:

a. Program 846 (CORONA J-3): Mission 1103 is scheduled for launch on 1 May 1968.

b. Program 110 (GAMBIT CUBED): None scheduled.



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

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Control SystemFACT SHEET

April 1968

Program 110 (GAMBIT CUBED) - High Resolution Spotting System

Mission No: 4313
Launch Complex: SLC-4Booster: Titan IIIB/Agena
Camera: 160 Inch Focal Length
Capsule: One
Film: 5,000 feet

- a. Launched: 17 April 1968
- b. Recovered: 27 April 1968
- c. Orbital parameters:
 - Apogee: 245.9 NM
 - Perigee: 73.9 NM
 - Inclination: 111.5 degrees
 - Period: 90.21 minutes

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