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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE SYSTEMS COMMAND
ANDREWS AIR FORCE BASE, WASHINGTON, D.C. 20331



REPLY TO
ATTN OF: MSF

1 September 1966

SUBJECT: Space Launch Data

BYE 20311-66

SCG (General Ferguson) *has seen*

1. During the month of August 1966, the following special program (SAFSP) activities occurred:

a. Program 241 (CORONA "J"):

The 35th "J" vehicle (FTV #1631) was successfully launched and orbited from SLC-1, West Pad, on 9 August. This was the first launch on the new long tank THOR (SLV-2G, THORAD). The Agena vehicle was placed in an 8-day synchronous orbit. The mission was successful with air recovery of the first capsule after 7 days on 16 August followed by air recovery of the second capsule 6 days later on 22 August.

The orbital parameters were:

Period: 89.10 minutes
Apogee: 155.9 n.mi.
Perigee: 103.5 n.mi.
Inclination: 101 degrees

b. Program 206 (GAMBIT):

The 31st GAMBIT (OCV #981) was successfully launched and orbited from SLC-4, East Pad, on 16 August. On revolution 9, the stereo mirror malfunctioned and would not respond to commands; therefore, all target photography was received in monoscopic. The capsule was successfully air recovered after 8 days on 24 August.

The orbital parameters were:

Period: 89.38 minutes
Apogee: 192.8 n.mi.
Perigee: 80.44 n.mi.
Inclination: 93.24 degrees

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FORGING MILITARY SPACEPOWER

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A P-11 (SIGINT) subsatellite was successfully orbited on this GAMBIT launch. There were two payloads on board for directed search of EOB data primarily over China. One "SANDPAN" was in the 2000 to 4000 MC region and the other "SOUSEA" was in the 8000 to 12,000 MC region. The P-11 horizon sensor failed after the antennas were deployed. Although the SIGINT signals are being received, their location cannot be determined.

2. The following special program activities are scheduled for September:

a. Program 241 (CORONA "J"):

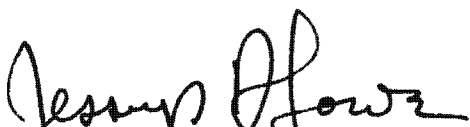
The 36th "J" vehicle (FTV #1628) is scheduled for launch from SLC-3, West Pad, on 13 September. This will be a standard two-capsule vehicle, 10 day life, for mapping and charting. The PG-1 experiment (mensuration gear) will be used to further define actuaries of mapping and charting. This will be the first CALICO mission (CORONA Acquisition and Latitude for Intermixable Camera Operation) where the target information is automatically processed in lieu of the present method of hand-processing.

b. Program 206 (GAMBIT):

The 32nd GAMBIT (OCV #982) is scheduled for launch from SLC-4, East Pad, on 7 September. This will be a standard 8-day mission. A P-11 (SIGINT) subsatellite will be launched on this flight.

c. Program 206-2 (GAMBIT-CUBED):

The second GAMBIT-CUBED (Mission #4302) is scheduled for launch from SLC-4, West Pad, on 20 September. This will be the second TITAN III-B/Agema launch and will contain the new 160-inch focal length camera. The mission is scheduled for 5 days.


JESSUP D. LOWE
Colonel, USAF

Assistant Deputy Commander for Space

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