[redacted]

[redacted]

CRITIQUE MSN 9034A

A. Mission Added to Master Schedule on 25 April 62

B. Scheduled launch date of 15 May 62.

C. [redacted] approved camera program and launch time 1900Z on 27 April.

D. Msn launched 15/1936Z. Delay caused by train problem.

Orbital Parameters

Planned	
Period 93.8 Min	94.03 Min
Perigee 165 NM	161
Apogee 336 NM	350
Eccentricity.Ø23	.Ø27
Inclination 81.71°	82.0°

E. Msn status reports

[redacted]

1. At 1008Z 16 May camera data for pass 8. Pressure differential zero. Nitrogen bottle pressure zero. Vehicle condition normal.

2. At 1605Z 16 May, slugged ARGON. Bottle pressure zero. Film flatness not showing differential pressure. Pressure normal at launch. Early passes may have had sufficient pressure.

3. At 1636Z 16 May [redacted] Vehicle status normal pass 12. Recommended possible recovery day.2 if

no usable results predicted.

4. At 1953Z 16 May - slugged ARGON. Probability low that usable film can be produced without flatness for photogrammetric data reduction. Engineering value of photography could be useful.

5. At 2052Z 16 May [redacted] Received

6. At 2224Z 16 May 62 [redacted] based on rev 15 data vehicle status normal. Camera status unchanged. Data on Gas bottle

Rev 0 - 70%

R Rev 1 - 58%

Rev 2 - 38%

Rev 8 - 0 %

7. At 1039Z 17 May [redacted] based on Rev 24 Vehicle conditon normal. Camera status unchanged. Should have had enough nitrogen to flattne film through pass 3 T/M data indicates pressure reading zero at all times.

8. At 1624Z 17 May Vehicle status normal on Rev 28

9. At 2104Z 17 May Mercury launch monitored for possible conflict necessitating early recovery

10. At 2104 17 May Vehicle normal on Rev 30

1 11. At 0100Z 18 May Vehicle normal on Rev 32

12. At 0344Z 18 May Vehicle nonmal on Rev 38

13. At 1658Z 18 May Vehicle normal on Rev 43

14. At 2127Z 18 May Vehicle normal on Rev 45

15. At 0932Z 19 May Vehicle normal on Rev 54

F. Msn recovered 19/2306Z by an AIR CATCH

G. Film arrived [redacted]21/0038 EDT.

H. At 2350Z 22 May. First indication the stellar film overexposed for daylight conditions. Development Branch will discuss this problem.

I. Communications Problems

1. [redacted]is responsible to relay messages to Army Map Service and ACIC, St. Louis. [redacted]commo facility not always open.

2. Problem of releasing messages to [redacted]roblem appears to be solved. ARGON slugged messages need clarification.