



RECONNAISSANCE SATELLITE CRITIQUE FORM

DATE: _____

- 1. Mission Number DISCOVERER 49
- 2. System Number CORONA 9044
- 3. Satellite Vehicle Number AGENA 1153
- 4. Camera Type & Number M-11, 92 & 93
- 5. Planned Launch Date & Time 13 AUG 1962 / 0100Z
- 6. Actual Launch Date & Time 29 AUG 1962 / 0101Z

Reason for any delays: MSN DELAYED TO ANALYZE FILM FOGGING ENCOUNTERED ON 9040, 9041. NUMEROUS STUDIES & TESTS CONDUCTED. FIX APPROVED & INCORPORATED ON MSN.

- 7. Actual Recovery Date & Time 2 SEPT 62 / 0325Z
- Length of Mission 4 days

8. <u>Planned Orbital Characteristics</u>	<u>Actual Orbital Characteristics</u>
Inclination Angle <u>65°</u>	Inclination Angle <u>65°</u>
Apogee <u>240</u>	Apogee <u>211</u>
Perigee <u>113</u>	Perigee <u>101</u>
Period <u>90.1 MIN</u>	Period <u>90.3 MIN</u>
Eccentricity <u>.011</u>	Eccentricity <u>.0153</u>

- 9. Technical problems encountered during mission:
FRAMING CAMERA DID NOT WORK
REV 63 CAMERA OPERATION ELIMINATED DUE TO TIM
READ OUT INDICATING RAPID DROP IN BATTERY PWR. HOWEVER
POST PASS READOUT SHOWED SUFFICIENT PWR FOR PASSES 64 & 65.
- 10. Operational problems encountered during mission:

NONE

- 11. Programmed Sun Angles:
Ascending Passes - 7° at 15°N
Descending Passes - 7° at ALL LATITUDES

Declassified and Released by the NRO

In Accordance with E. O. 12958

NOV 26 1997

on _____

12. Film Expenditure:

1st day 28.2 %

2nd day 26.2 %

3rd day 13.6

4th day 32.0 - 100.00%

5th day _____

TOTAL 100 %

Radiation Levels TOP OF BUCKET - 2 RADS BOTTOM - 1 RAD
hit the or NO RADIATION EFFECT ON FILM.

13. Weather Comments

14. Intelligence Comments

15. Development Comments

16. Communications Comments

17. Other Remarks

18. Recap: TOTAL MISSIONS 18/37 Per cent successful 48.6%

19. Critique Attendance

OSA _____

Weather _____

OD _____

COMMO _____

COR _____

Security _____

INTEL _____

Control Center _____

Development _____