

In Accordance with E. O. 12958

on NOV 26 1997

AUGMENTED INSTRUMENTATION IIA PROGRAM

FLIGHT	EQUIPMENT EFFORT	TEST EXPLANATION	DATA RELEASE
1. Engineering	None		
2. Engineering	None		
3. Bio-Medical	Install ablation sensors and record ablation on one channel of the Northam recorder. Data from ablation sensors to be superimposed on bio-medical data.	Installation of GFE devices to evaluate their performance in orbital environment and during re-entry-recovery phase. Equipment CLASSIFIED.	Release ablation data from Flight 3 & 4, nose fairing temperatures from Flight 5.
4. Bio-Medical	Same as Flight 3		
5. CORONA	Install emulsion cubes in nose assembly to observe penetration of primary auroral particles.		Release nose fairing temperatures from Flight 6, data from particle penetration from Flight 5.
6. CORONA	Same as Flight 5	Same as Flight 5	
7. Bio-Medical	Install ablation sensors as on Flights 3 & 4		

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DATA RELEASE

TEST EXPLANATION

FLIGHT

EQUIPMENT EFFORT

13. CORONA

Same as Flight 8

Same as Flight 11.

Release data on particle penetration from Flight 11 nose fairing temperatures from Flight 13 and air density data from Flight 13

14. Navigation

To be developed by B.M.D. for ARPA

To be determined when equipment is further into development.

Release data on magnetic anomalies from Flight 15 nose fairing data from Flight 15, ablation data from Flight 14.

15. CORONA

Install airborne magnetometer and associated electronic equipment in 117L vehicle. Installation will add approximately 30 lbs to the in orbit weight. Install emulsion cubes in nose assembly to observe penetration of primary auroral particles.

Installation of GTE devices to evaluate their performance in orbital environment and during re-entry-recovery phase. Equipment CLASSIFIED.

Release data on magnetic anomalies from Flight 16 data on particle penetration from Flights 12 & 13

16. CORONA

Same as Flight 15

Same as Flight 15

Release data on air density from Flight 17, data on particle penetration from Flights 15 & 16, nose fairing temperatures from Flight 17.

17. CORONA

Same as Flight 8

Same as Flight 15

18. CORONA

Same as Flight 8

Same as Flight 15

Release nose fairing temperature data from Flight 18 and air density data from Flight 18.

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