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BTR-94123-7. Cy 1 or 4 Page 1 of 1

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FROM:						••	
UBJECT:	P-989	Launch	Day	Briefing	Plan		

CSE.

20 September 1973

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RFQPK-3-005-0093

NUV 1974 INVIY

1. Attached is a P-989 Launch Activity Briefing Plan and more detailed working papers outlining a preseparation and post-deployment briefing.

FTFD

Mar 1977 Inv -Jul 78 Luv

2. The purpose of this plan is to establish a standard briefing format and set of viewgraphs or charts for P-989 launch activity briefings at SAMSO and the STC.

APR 8 1987

- 3. Heretofore, the massive influx of Aerospace, and IMSC personnel into the MCC on launch day has created an impossible situation for the FTFD. Because of the mass confusion, attempts to brief visiting VIPs has proven disasterous with all parties vying for their ear at once in short, we have come on like Max Sennet's "Keystone Cops". Preferably, we should exude or inspire confidance by orderly briefings and demonstrate the painstaking team efforts that make a P-989 launch possible and successful.
- 4. Request the preparation and briefing responsibilities for the two STC briefings be assigned to those agencies most capable of providing the required data and fielding questions about the subject matter. There is nothing magic about the chart layouts nor should they be taken as absolute. What is intended is that they convey the desired subject areas to be addressed.
- 5. As Special Projects and Contractor personnel are visitors or guests of the STC, it is requested that the FTFD orchestrate both the preseparation briefing and post-deployment briefing.

Donald E. Thursby

LtCol, USAF

3 Atch Briefing Plan



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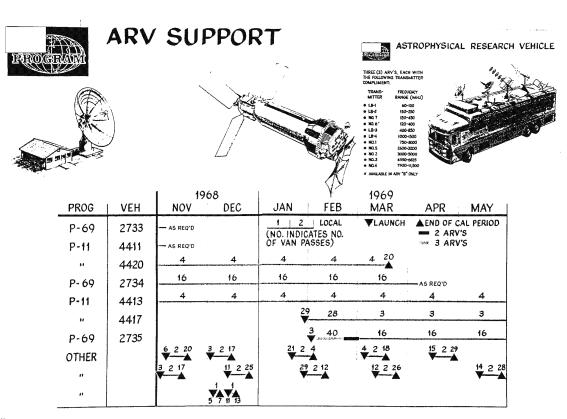
ERAI: 1960-1975

		SPACE SEGMENT	EVOLUTION	
<u>YEAR</u> 1963	GENERAL SEARCH I&W	DIRECTED SEARCH TI	DIRECTED SEARCH/ COMINT	SPECIAL PURPOSE VAN ALLEN BELT (2) PUNDIT I PUNDIT II
1964	NOAH'S ARK			PUNDITIII
1965	STEP 13/PLYMOUTH ROCK TRIPOS I/FANION I	MAGNUM		PUNDIT IV
1966	SAMPAN I/SOUSEA I TRIPOS II - FANION II			
1967 1968	SLEWTO - FANION III SAMPAN IVLAMPAN I	FACADE TIVOLI I		SAVANT I
1969	SOUSEA II/TRIPOS III SAMPAN III/LAMPAN II	VAMPPAN TIVOLI II	WESTON	SAVANT II
1970 1971	TRIPOS IV/SOUSEA III	TIVOLIII	TOPHAT I ARROYO	
1972 1973	URSALA I URSALA II	MABELI		
1973 1974 1975	ORSALA II	RAQUEL I	TOPHAT II	
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WORKING MATERIAL

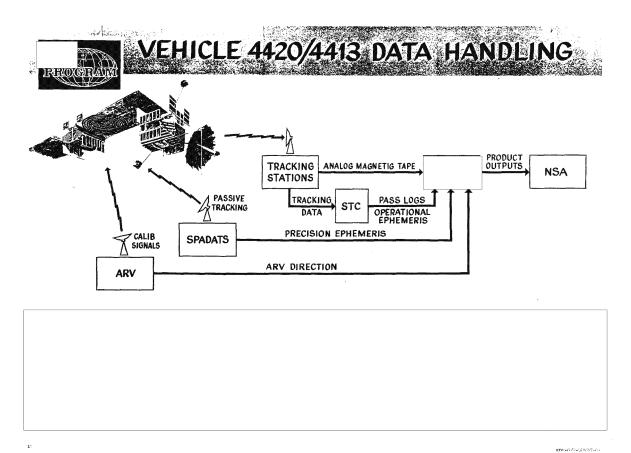
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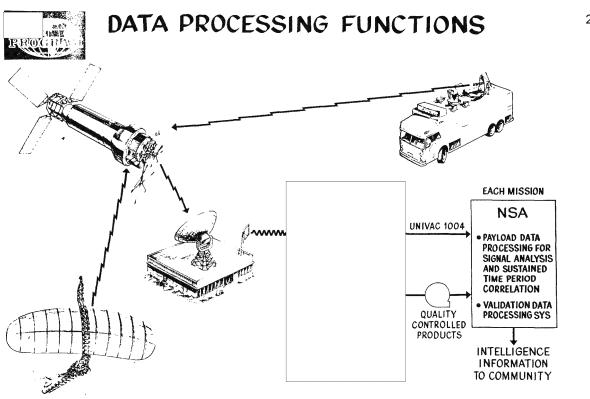
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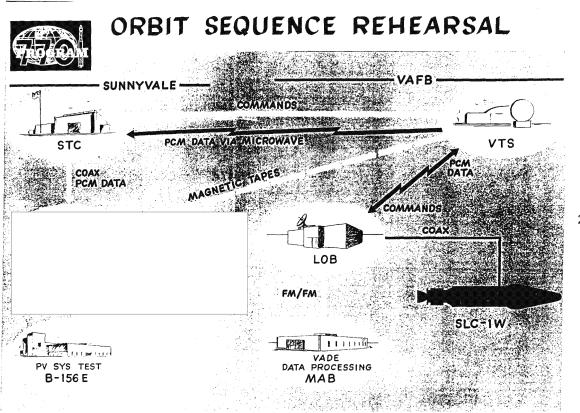




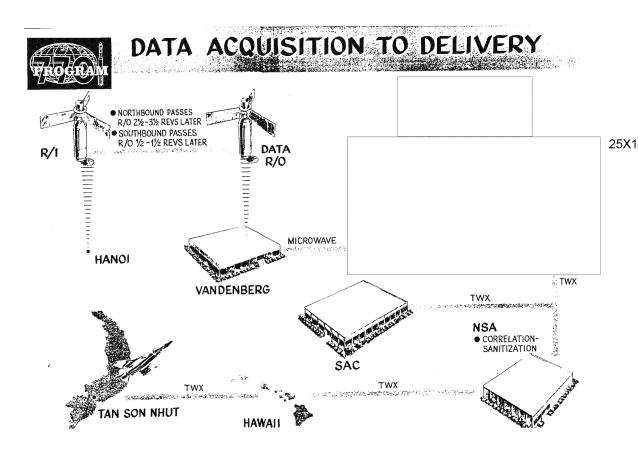
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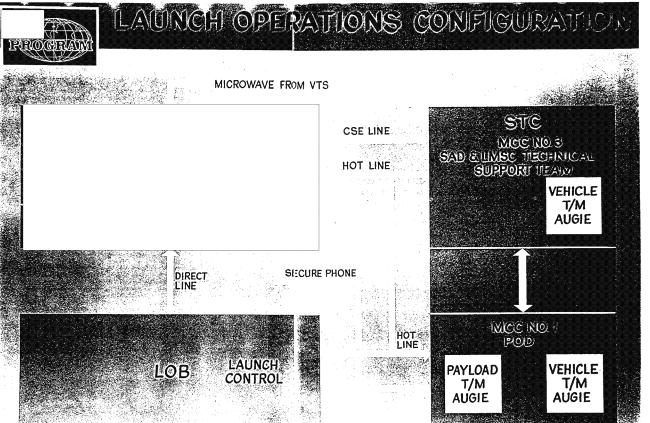
FLIGHT EQUIPMENT	REQUIREMENTS & DIRECTION	SAFSP	SAFSS	SIGINT REQ	ELLIGE MMUNI	
DESIGN/DEVELOPMENT TEST OPERATIONS				COLLE REC		INTEL DATA
					NSA ROCESSI	
PE-LAUNCH TEST PPORT DESIGN EDBACK					BIVO	33 2 - 005 68



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PROGRAM P-69 SIGINT ACCOMPLISHMENTS

1961 TO 1968

*
▶ ON-ORBIT CAPABILITY PROVEN TO INTERCEPT AND GEOPOSITION U.S. RADAR ENVIRONMENT
 ▶ ON-ORBIT CAPABILITY PROVEN TO INTERCEPT AND GEOPOSITION VALID FOREIGN RADAR ENVIRONMENT ▶ SIGINT DATA DIGITIZED, RECORDED, READ OUT AND GEOPOSITIONED ▶ FLIGHT DURATION 4½ DAYS
 ▶ VALID DIGITAL INTERCEPTS OF BMEWS TO LINE OF SIGHT (RADIO HORIZON) ▶ PROVED PAYLOAD WIDE PULSE MEASUREMENT CAPABILITY ▶ FIRST DIGITAL INTERCEPT OF SOVIET CODED
 ▶ FIRST USE OF PHASE INTERFEROMETER MEASUREMENTS TO IMPROVE DF ▶ FIRST USE OF SPACEBORNE 6 MHz WIDEBAND VIDEO RECORDING FOR TECHNICAL INTELLIGENCE (TI) ▶ DIGITAL INTERCEPT COVERAGE COMPLETED FROM 59 MHz TO 12,000 MHz
► LONGEST FLIGHT TO DATE - 50 DAYS OF WIDEBAND VIDEO DATA ► WIDEBAND VIDEO COVERAGE COMPLETED FROM 130 MHz TO 8,200 MHz
 ▶ FIRST FLIGHT OF SEVEN MONTHS DURATION WITH PAYLOAD FULLY OPERATIONAL ▶ FIRST COMBINED WIDEBAND ANALOG AND DIGITAL PAYLOAD ▶ FIRST ALL PHASE INTERFEROMETER DF SYSTEM ▶ COMPLETE EOB COVERAGE OF DENSE S-BAND REGION
► SIX MONTH FLIGHT DURATIONS WITH OPERATIONAL PAYLOADS ► FIRST 6 MHz WIDEBAND PREDETECTION CAPABILITY FLOWN FOR INTRAPULSE MODULATION ► DEFINITIVE INTERCEPTS OF SOVIET ABM RADAR HEN HOUSE
 ▶ EIGHT MONTH FLIGHT DURATION WITH FULLY OPERATIONAL PAYLOADS ▶ CONTINUED HIGH QUALITY EOB AND TI COVERAGE ▶ DEFINITIVE INTERCEPTS OF SOVIET ABM RADAR ▶ QUICK REACTION CAPABILITY DEVELOPED FOR TACTICAL USE OF VIET NAM INTERCEPTS

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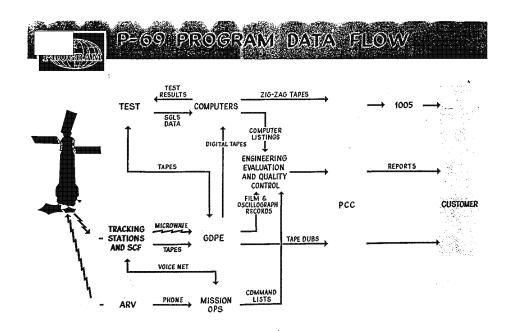
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AS OF OCT 24, 1968

	SETTER	MGD	DSU 1 & 2
DAYS IN OPERATION	264	264	264
READOUTS	892	347	30(NO.1)/684(NO.2)
TOTAL READOUT TIME	85,799	13,716	5559/211655
BURSTS READ IN	2,009	2,005	37/1101
BURSTS. READ OUT	2,001	2,001	35/1091
TOTAL INTERCEPTS	2,413,100	643,556	63,097/2,127,203
CALIBRATIONS (ARV)	54	45	N/A

SECRET / E

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PROGRAM P-69 SIGINT ACCOMPLISHMENTS

1961 TO 1968

1661	▶ ON-ORBIT CAPABILITY PROVEN TO INTERCEPT AND GEOPOSITION U.S. RADAR ENVIRONMENT
(9(5)2	 ▶ ON-ORBIT CAPABILITY PROVEN TO INTERCEPT AND GEOPOSITION VALID FOREIGN RADAR ENVIRONMENT ▶ SIGINT DATA DIGITIZED, RECORDED, READ OUT AND GEOPOSITIONED ▶ FLIGHT DURATION 4½ DAYS
(६(इहर	 VALID DIGITAL INTERCEPTS OF BMEWS TO LINE OF SIGHT (RADIO HORIZON) ▶ PROVED PAYLOAD WIDE PULSE MEASUREMENT CAPABILITY ▶ FIRST DIGITAL INTERCEPT OF SOVIET CODED
(O(C±	 ▶ FIRST USE OF PHASE INTERFEROMETER MEASUREMENTS TO IMPROVE DF ▶ FIRST USE OF SPACEBORNE 6 MHz WIDEBAND VIDEO RECORDING FOR TECHNICAL INTELLIGENCE (TI) ▶ DIGITAL INTERCEPT COVERAGE COMPLETED FROM 59 MHz TO 12,000 MHz
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406V	► SIX MONTH FLIGHT DURATIONS WITH OPERATIONAL PAYLOADS ► FIRST 6 MHz WIDEBAND PREDETECTION CAPABILITY FLOWN FOR INTRAPULSE MODULATION ► DEFINITIVE INTERCEPTS OF SOVIET ABM RADAR HEN HOUSE
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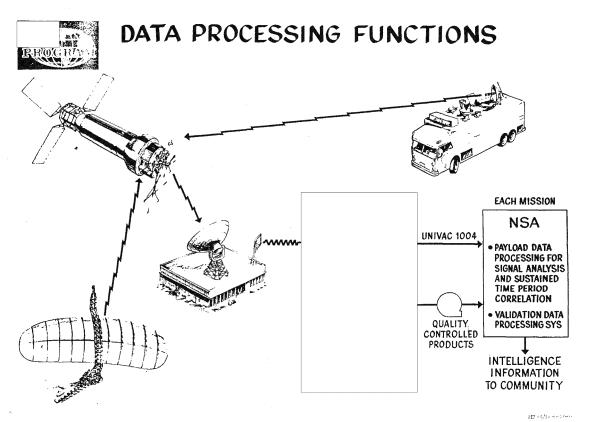
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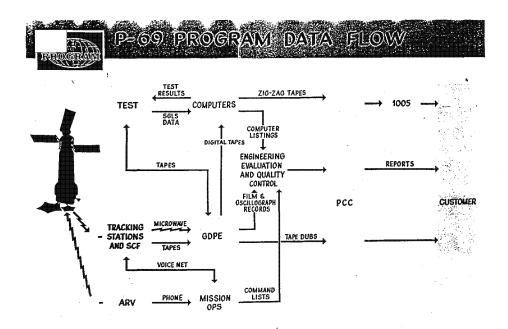
THE TOTAL SYSTEM FLIGHT EQUIPMENT REQUIREMENTS © DIRECTION SAFSP SAFSS SIGINT REQ INTELLIGENCE COMMUNITY ODESIGN/DEVELOPMENT OTEST OPERATIONS NSA PRE-LAUNCH IEST SUPPORT EDESIGN FEEDBACK PRE-LEDBACK SIGNT REQ INTELLIGENCE COMMUNITY NSA PRE-LEDBACK PRE-LEDBACK SIGNT REQ INTELLIGENCE COMMUNITY SAFSP SAFSS SIGINT REQ INTELLIGENCE COMMUNITY SAFSP SAFSS SIGNT REQ INTELLIGENCE COMMUNITY SAFSP SAFSS SAFSS

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1969 1970 1971	SAMPAN III/LAMPAN II TRIPOS IV/SOUSEA III	TIVOLI III	WESTON TOPHAT I ARROYO	SAVANT II
1971	URSALA I	MABELI	ARROTO	
1973	URSALA II			
1974 1975		RAQUEL I	TOPHAT II	
05	CRET WORKING	MATERIAL		Via Byeman System Only

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