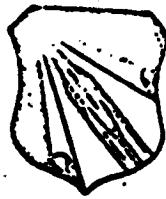


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HEADQUARTERS  
**AIR RESEARCH AND DEVELOPMENT COMMAND**

UNITED STATES AIR FORCE  
Andrews Air Force Base  
Washington 25, D.C.



REF ID: A61048  
SERIAL TO  
ARMED FORCES

REACH Operational Order for Satellite and Missile Observation System  
(SAMS) Serial No. 60-1

1. You are directed to take immediate action to implement the subject Operations Order (copy attached).

  
B. A. SCHLESINGER  
Lieutenant General, USAF  
Commander

1 Atch  
Operations Order

IF INCLOCUES ARE WITHDRAWN  
(OR NOT ATTACHED) THE CLASSI-  
FICATION OF THIS CORRESPONDENCE  
WILL BE CANCELLED IN ACCORDANCE  
WITH PAR 25E, AFR 203-1.

~~CONFIDENTIAL~~

CO-92240

**CONFIDENTIAL**

HEADQUARTERS  
AIR RESEARCH AND DEVELOPMENT COMMAND  
WASHINGTON 25, DC

OPERATIONS ORDER FOR SATELLITE AND MISSILE  
OBSERVATION SYSTEM (SAMOS)  
SERIAL NO. 60-1

HQ ARDC

OPERATIONS ORDERS NO. 60-1

**CONFIDENTIAL**

~~CONFIDENTIAL~~  
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THE OPERATIONS ORDER IS CLASSIFIED IN ACCORDANCE WITH THE REQUIREMENTS OF PARAGRAPH 23 OF AFR 205-1

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HEADQUARTERS

AIR RESEARCH AND DEVELOPMENT COMMAND

WASHINGTON 25, DC

OPERATIONS ORDER NO.

TASK ORGANIZATION:

The Satellite and Missile Observation System (SAMOS) Project Office, a field extension of the Office of the Secretary of the Air Force, has been established at 2400 East El Segundo Blvd., El Segundo, California, per SAF Order No. 115.1, 31 August 60. (See Annex A) Brigadier General Robert E. Greer has been designated Director of the SAMOS Project Office, with additional duty as Vice Commander for Satellite Systems, AFBMD, ARDC. As Director of the SAMOS Project, General Greer is responsible to; and will report directly to the Secretary of the Air Force. In his dual capacity as Director of the SAMOS project and Vice Commander, AFBMD, he will exercise authority and control of the field management of the SAMOS program. Manpower and all necessary resources will be made available by AFBMD to support this office on the highest national priority. The resources and assistance of all ARDC Divisions and Centers will be made available as required.

I. GENERAL SITUATION:

The Deputy Secretary of Defense has directed the Secretary of the Air Force to assume direct responsibility for the reconnaissance satellite program (SAMOS), and to report for review and approval of the program directly to the Deputy Secretary of Defense. To assist in discharging his responsibilities for direction, supervision, and control of the SAMOS Project, the Secretary of the Air Force has established the SAMOS Project Office at AFBMD and the Office of Missile and Satellite Systems in the Office of the Secretary of the Air Force. He will appoint, as appropriate, a Satellite Reconnaissance Technical Advisory Group and has appointed a Satellite Reconnaissance Advisory Council. The SAMOS Program has been accorded the highest national priority, with the objective to obtain an operational capability for the United States at the earliest possible date.

2. MISSION:

Headquarters ARDC will, within existing capabilities, support to the maximum extent possible the development of the SAMOS Program. This support will include all functions normally considered operational and performed by other Commands and activities.

3. TASKS:

A. Headquarters ARDC will, in accordance with appropriate directives provide the necessary support to the SAMOS development program. An office, Assistant for Satellite Systems (RDRB-1) has been established for this purpose. The functions of this office will include the following responsibilities:

- (1) Inform the Commander on all aspects of SAMOS development program.

HQ ARDC

OPERATIONS ORDER NO. 60-1

~~CONFIDENTIAL~~

CO-92

**CONFIDENTIAL**

- (2) Monitors the program to insure consistency between its assigned priority and the resources applied against the program.
- (3) Maintains cognizance of the activities of ARDC Divisions and Centers to include effecting coordination as requested by the Commander, AFBMD.
- (4) Maintains a knowledge of the activities of the staff, Hq ARDC, to assist in accomplishing staff actions expeditiously.

B. Hq AFBMD will support the SAMOS development program to the extent possible from within existing resources. Such resources will not be at the expense of programs having equal national priority. Hq ARDC will be advised of any requirements beyond existing capability to provide. Maximum use will be made of the technical resources of the Aerospace Corporation and Associate Contractors. Subordinate units will be augmented wherever necessary by the employment of competent civilian scientific and technical talent. The programming and status reporting facilities of the AFBMD will be augmented as necessary to support this program.

C. Each ARDC Division and Center having an assigned responsibility in connection with the SAMOS development program will establish a single point of contact office, reporting directly to the Division/Center Commander, and will support the program in accordance with its national priority. The Assistant for Satellite Systems, Directorate of Ballistic Missiles & Space Systems (DRB-1) is designated as the SAMOS point of contact within Hq ARDC and will report directly to the Commander, ARDC, on SAMOS matters.

D. Headquarters USAF has directed that the Air Force provide the necessary resources and assistance to assure the timely attainment of the SAMOS objectives.

E. The urgency of this program will require lowest safe security classification to permit expeditious accomplishment. Extreme care will be exercised by all concerned, however, to ensure the strictest "need to know" in order to protect the sensitive political nature of this program.

F. Specific supporting requirements are outlined in the attached [REDACTED]

B. A. SCHRIEVER  
Lieutenant General, USAF  
Commander

**ANNEXES:**

- A - Implementing Directives
  - B - Comptroller
  - C - Facilities
  - D - Logistics
  - E - Not used
  - F - Communications-Electronics
  - G - Personnel, Manpower & Organization
  - H - Aircraft Support
  - I - Security & Inspection Services
  - J - Legal
  - K - Information & Historical Services
  - L - Administrative Services
- CO-92240

HQ ARDC  
OPERATIONS ORDER NO. 60-1

**CONFIDENTIAL**

ANNEXES: (Continued)

M - Medical Services

**DISTRIBUTION:**

Office of the Secretary of the Air Force:

3 copies - SAFSM

Headquarters USAF:

- 1 - DCS/D
- 1 - DCS/M
- 1 - DCS/O
- 1 - DCS/P
- 1 - DCS/C

Headquarters ARDC:

- 1 - RDG
- 1 - RDGV
- 1 - RDGE
- 1 - RDA
- 1 - RDE
- 1 - RDI
- 1 - RDJ
- 1 - RDC
- 2 - RDY
- 3 - RDM
- 2 - RDP
- 1 - RDL
- 3 - RDR
- 5 - RDRB

ARDC Commands:

- 5 - Each ARDC Division
- 3 - Each ARDC Center

HQ ARDC  
OPERATIONS ORDER NO. 60-1

CO-92240

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ANNEX "A"  
TO  
OPERATION ORDER  
SERIAL NO.  
IMPLEMENTING DIRECTIVES

HEADQUARTERS  
AIR RESEARCH AND DEVELOPMENT COMMAND  
WASHINGTON 25, DC

C O P Y

THE SECRETARY OF DEFENSE  
WASHINGTON

Sep 15, 1960

MEMORANDUM FOR THE SECRETARY OF THE AIR FORCE

SUBJECT: Reconnaissance Satellite Program

The Secretary of the Air Force will assume direct responsibility for the reconnaissance satellite program and will report for review and approval on the program directly to the Deputy Secretary of Defense. A project management structure will be established within the Department of the Air Force which will ensure that the USAF director of the program will report directly to the Secretary of the Air Force.

The principal staff agency to assist the Deputy Secretary of Defense on the program is the Office of the Director of Defense Research and Engineering (ODDR&E). The USAF project management office will keep the ODDR&E fully informed, on a timely basis, concerning all matters pertaining to the program.

/signed/  
JAMES H. DOUGLAS  
ACTING

HQ ARDC  
OPERATION ORDER NO. AC-1

COPY

NO. 115.1

DATE: August 31, 1960

SECRETARY OF THE AIR FORCE

ORDER

SUBJECT: Organization and Functions of the Office of Missile and Satellite Systems

1. There is hereby established the Office of Missile and Satellite Systems in the Office of the Secretary of the Air Force.
2. The Director of the Office of Missile and Satellite Systems is primarily responsible for assisting the Secretary in discharging his responsibility for the direction, supervision and control of the SAMOS Project. He is responsible for maintaining liaison with the Office, Secretary of Defense, and other interested Governmental agencies on matters relative to his assigned responsibilities. He may be assigned additional duties as deemed appropriate by the Secretary of the Air Force.
3. The Director will provide the Secretariat for the Air Force Ballistic Missile Committee.

DUDLEY C. SHARP  
Secretary of the Air Force

C O P Y

NO: 116.1

DATE: August 31, 1960

**SECRETARY OF THE AIR FORCE**

**ORDER**

**SUBJECT: The Director of the SAMOS Project**

1. Effective this date, Brigadier General Robert E. Greer, Assistant Chief of Staff for Guided Missiles, is designated as Director of the SAMOS Project, with additional duty as Vice Commander for Satellite Systems, AFBMD, ARDC, with duty station at 2400 East El Segundo Boulevard, El Segundo, California.
2. The Director will organize an office to manage the SAMOS Project. Manpower to staff the office will be drawn from manpower available to him as Vice Commander for Satellite Systems. The SAMOS Project Office will be a field extension of the Office of the Secretary of the Air Force.
3. The Director is responsible to and will report directly to the Secretary of the Air Force.
4. Additional duties may be assigned to the Director as deemed appropriate by the Secretary of the Air Force.

**DUDLEY C. SHARP**  
**Secretary of the Air Force**

**C O P Y**

**31 Aug 60**

**OFFICE OF THE SECRETARY**

**MEMORANDUM FOR THE CHIEF OF STAFF**

1. In implementation of SAFO 115.1, it is requested that orders be issued assigning Brigadier General Richard D. Curtin as Director of the Office of Missile and Satellite Systems. Personnel listed in the attachment should be assigned coincident with General Curtin's assignment.
2. Necessary adjustment to the authorized manning of OSAF will be made to accommodate the transfer of the personnel indicated.
3. Physical office space should be in the area presently occupied by the Assistant Chief of Staff for Guided Missiles, if feasible.

1 Incl  
Attach

/signed/  
**DUDLEY C. SHARP**

C O P Y

12 Sep 60

ORGANIZATION AND FUNCTIONS OF THE  
OFFICE OF MISSILE AND SATELLITE SYSTEMS

1. Secretary of the Air Force Order No. 116.1, dated 31 August 1960, designated Brigadier General Robert E. Greer as Director of the SAMOS Project, with additional duty as Vice Commander for Satellite Systems, AFMDC, ARDC, with duty station at AFMDC. It directs him to organize a SAMOS Project Office at AFMDC as a field extension of the Office of the Secretary of the Air Force. It specifies that Director of the SAMOS Project is responsible to and will report directly to the Secretary of the Air Force.
2. Secretary of the Air Force Order No. 115.1, dated 31 August 1960, established the Office of Missile and Satellite Systems in the Office of the Secretary of the Air Force. It provides that the Director of the Office of Missile and Satellite Systems is primarily responsible for assisting the Secretary in discharging his responsibility for the direction, supervision and control of the SAMOS Project. He is responsible for maintaining liaison with the Office, Secretary of Defense and other interested governmental agencies on matters relative to his assigned responsibilities. He may be assigned additional duties as deemed appropriate by the Secretary of the Air Force, and he will provide the Secretariat for the Air Force Ballistic Missile Committee.
3. The general management structure for the SAMOS Project is outlined in figure 1, attached. The Satellite Reconnaissance Technical Advisory Group will be appointed by the Secretary of the Air Force and will provide the means of obtaining the services of recognized experts from the scientific and applied engineering fields in the furtherance of the technical program. The Satellite Reconnaissance Advisory Council will be appointed by the Secretary of the Air Force to provide advice and counsel to him in the discharge of his overall responsibilities.
4. The internal organization and personnel assignment of the Office of Missile and Satellite Systems is outlined in Figure 2, attached. Following is a brief description of the principal duties of SAFMS officers:

OFFICE OF THE DIRECTOR

DIRECTOR

Responsible for conducting all actions of SAFMS in accordance with policy of and delegated authority from the Secretary of the Air Force.

DEPUTY DIRECTOR

Principal assistant to the Director, acts with full authority of the Director on all affairs of SAFMS. Responsible for overall direction, guidance, supervision, and coordination of the activities of the office.

EXECUTIVE OFFICE

Executive Officer, and Chief of the Executive

HQ ARDC

OPERATIONS ORDER NO. 60-1

Executive  
Asst Executive

Office responsible for the general administration of SAFMS, including mail, security, records, inspections, personnel, travel, and overall office management.

### EXECUTIVE SECRETARIAT OF AFBMC

Secretary

Asst Secretary

Executive Secretariat of the Air Force Ballistic Missile Committee for Missile and Space Systems. Handles all matters related to Committee Actions.

### SATELLITE RECONNAISSANCE

Asst for Programs

Responsible for SAFMS duties concerning programming, funding, and schedules. Monitors briefs and reports on all SAMOS launches. Maintains an active, working SAMOS control room for daily use. Responsible for actions incident to revising, processing, and maintaining the SAMOS development plan. Responsible for general briefings on the entire overall SAMOS Project, and for the preparation and maintenance of complete briefing material, aids and information on the overall project.

Asst for Electronics

Responsible for SAFMC duties concerning electronic payloads, ELINT, and related matters; weather aspects of the SAMOS Project, technical compatibility of electronic aspects of subsystem L, Space-Ground Communications. Responsible for NSA liaison and coordination. Responsible for maintaining current knowledge of booster and vehicle capabilities. Alternate to the Assistant for Instrumentation.

Asst for Photography

Responsible for SAFMS duties concerning photographic equipment and payloads and related coordination with other services and agencies. Responsible for photographic compatibility aspects of Subsystem L. Alternate to Assistant for System Engineering.

Asst for Instrumentation

Responsible for SAFMS duties concerning Subsystem L, its overall development, schedules, locations, tests, and overall technical design, overall data processing and handling of all SAMOS outputs. Also responsible for SAMOS recovery program, SAMOS command and control aspects, including centers and stations. Also responsible for MIDAS and DISCOVERER coordination. Alternate to Assistant for Electronics.

Asst for System Engineering

Responsible for overall system engineering aspects including interchangeability of payloads, system performance capabilities, mission variations, system growth possibilities, and relative priorities within the project. Responsible for necessary coordination with related and supporting R&D programs. Also responsible for special projects as assigned by the Director. Alternate to the Assistant for Photography.

C O P Y

SATELLITE RECONNAISSANCE  
TECHNICAL ADVISORY GROUP

1. The services of recognized experts from the scientific and applied engineering communities shall be solicited as appropriate in the furtherance of the SAMOS technical program. Such services shall be rendered through the functioning of the Satellite Reconnaissance Technical Advisory Group.
2. The Satellite Reconnaissance Technical Advisory Group shall be composed of:
  - a. A permanent Standing Committee of four, which shall include recognized experts in the fields of electronics, photography, and data handling. The membership of the Standing Committee will be appointed by the Secretary of the Air Force.
  - b. Assemblies of technical experts representing pertinent scientific and engineering fields convened as occasions arise necessitating competent technical evaluation and advice in the prosecution of the Satellite Reconnaissance Program. Participation of such individuals in assemblies of the Satellite Reconnaissance Technical Advisory Group shall be by invitation from the Secretary of the Air Force. The Standing Committee shall preside at assemblies of the Technical Advisory Group.
3. Each assembly of the Satellite Reconnaissance Technical Advisory Group shall be chartered to consider specifically designated matters. Individuals invited to participate in Technical Advisory Group assemblies may vary for each assembly according to the nature of the matters under consideration.
4. Reports and findings of the Satellite Reconnaissance Technical Advisory Group shall be prepared for and submitted to the Secretary of the Air Force by the Standing Committee.
5. The Secretary of the Air Force shall, upon request from other government agencies in matters of national interest involving resolution of technical differences, direct the permanent Standing Committee to convene a special assembly of competent persons as determined by the Standing Committee, to consider the matter under request and to recommend appropriate resolution.

C O P Y

SATELLITE RECONNAISSANCE  
ADVISORY COUNCIL

1. Recent changes in the SAMOS management structure have resulted in the establishment of a Director of the SAMCS Project at AFBMD as a field extension of the Office of the Secretary of the Air Force, and an Office of Missile and Satellite Systems within the Secretary's staff to assist him in the discharge of his responsibilities. The SAMOS Project will be managed within this structure, with no intermediate review or approval channels between the SAMOS Project Director and the Secretary of the Air Force.

2. In order to assist the Secretary in the discharge of his responsibilities, there is a need for an advisory agency to provide assistance, advice and recommendations as required. This agency will be the Satellite Reconnaissance Advisory Council.

THE SATELLITE RECONNAISSANCE ADVISORY COUNCIL

Under Secretary of the Air Force, Chairman

Assistant Secretary (Research and Development)

Assistant Secretary (Financial Management)

Assistant Secretary (Material)

Vice Chief of Staff

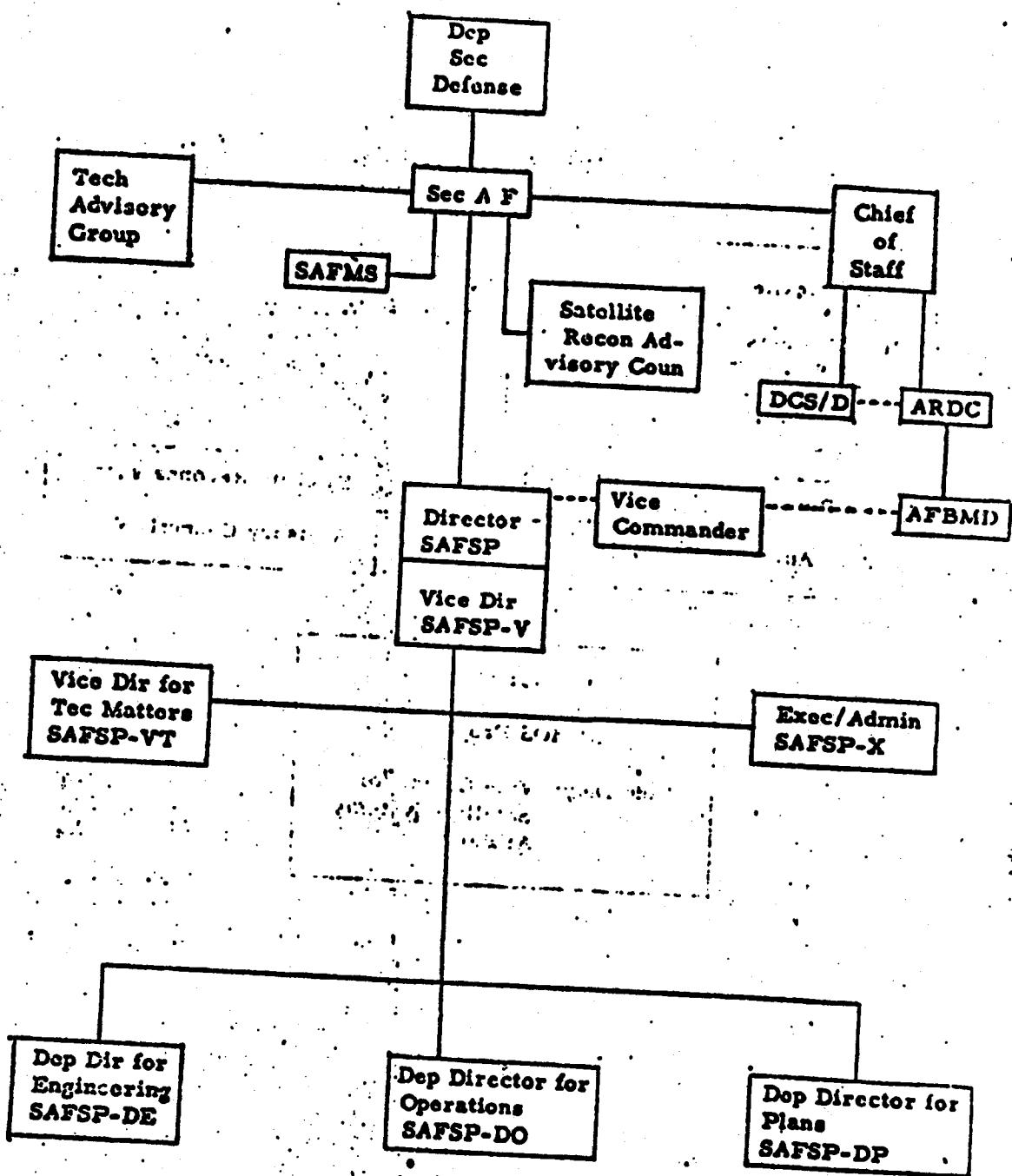
Deputy Chief of Staff, Development

Assistant Chief of Staff, Intelligence

Director, Office of Missile and Satellite Systems

3. The Office of Missile and Satellite Systems will provide the Secretariat for the Council.

4. No alternates will be designated. Attendance will be limited to the members of the Council and such other individuals as may be invited to attend by the Chairman.



**Figure 1**

**HQ ARDC**  
**OPERATIONS ORDER NO. 60-1**

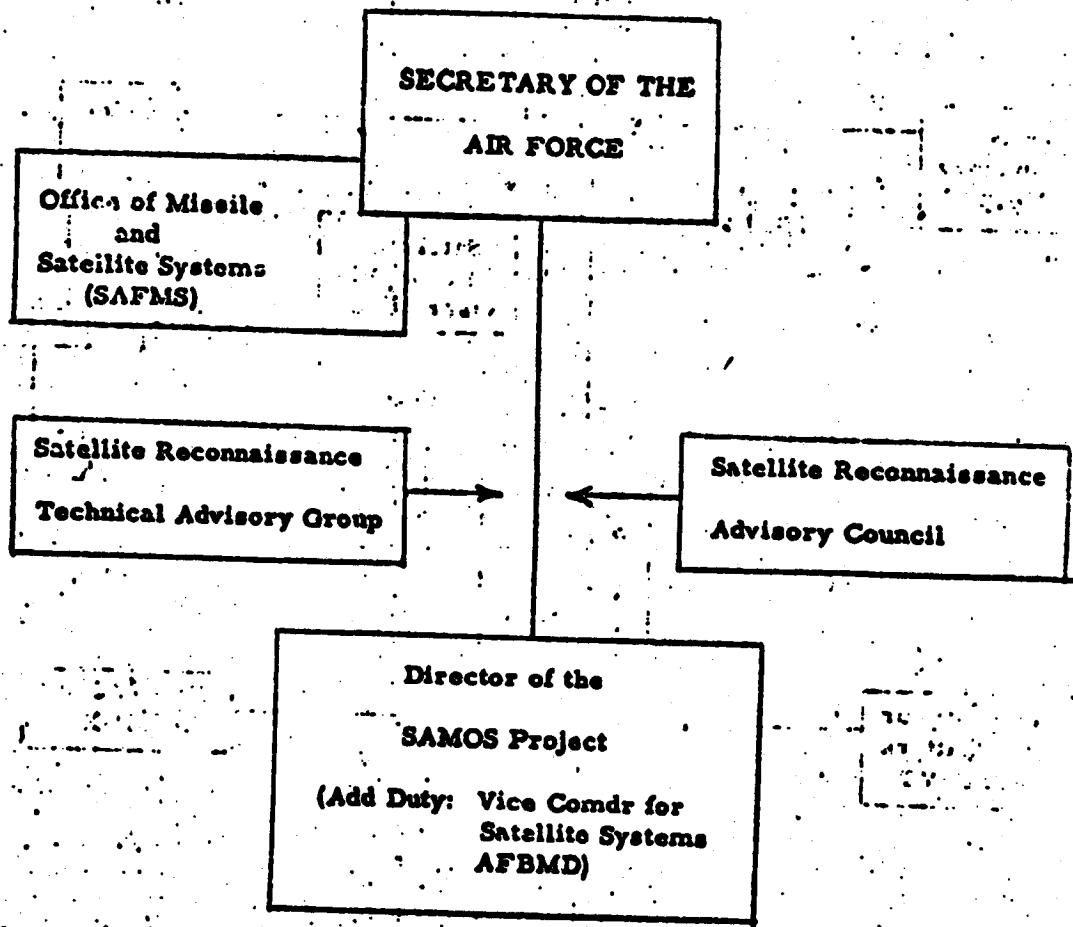


Figure 2

**C O P Y**

DEPARTMENT OF THE AIR FORCE  
Office of the Secretary of the Air Force  
12 October 1950

OFFICE OF  
MISSILE AND SATELLITE SYSTEMS

Brig Gen Richard D. Curtis, Director

Mrs Margaret Enright, Secretary

Col John L. Morris, Jr., Dep Director  
Mrs Eugene L. Lechner, Secretary

**EXECUTIVE OFFICE**

Maj R. A. Van Mater, Executive  
CIVO Wm De Haro, Asst Executive  
T/Sgt Walter B McArthur, Jr. NCOIC  
A/IC Albert Peach, Cpl. CIV Clerk

**SATELLITE RECONNAISSANCE**

**ASSISTANT FOR  
PROGRAMS**

1 Lt Col Thos J. Herren  
Mrs Mayfield Graham  
S/Sgt J L Hester

**ASSISTANT FOR  
INSTRUMENTATION**

2 Lt Col Jack Sides

Mrs Carol Watson

**EXECUTIVE SECRETARIAT  
AFDMC (Classics and C-Sec)**

Do: Theodore H. Runyon, Secretary  
Col Norman Dorfman, Assistant  
Miss Cecilia Principle  
A/IC J. D. Kirkpatrick

**FILES HELICOPTER  
LEDGER**

Do: Major Henry C Howard

HQ ARDC  
OPERATIONS ORDER NO. 60-1

Figure 3

C O P Y

1 October 1960

Special Order A-1790, dated 27 September 1960:

1. The verbal orders of the Secretary of the Air Force on 6 September 1960 as follows are confirmed:

"Brigadier General Robert E. Greer, 1672A, is relieved from HQ AFBMD (ARDC) Los Angeles, California, from duty as Vice Commander for Satellite Systems, AFBMD. Assigned OSAF, HQ USAF, Washington, D. C., with duty station 2400 East El Segundo Boulevard, El Segundo, California for duty as Director of the Satellite and Missile Observation System Project with additional duty as Vice Commander for Satellite Systems, AFBMD (ARDC). EDCSA 1 October. No travel involved."

HQ ARDC  
HQ ARDC  
OPERATIONS ORDER NO. 60-1

C O P Y

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C O P Y

DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON 25, DC

AFCSS

Missile and Satellite Systems

14 October 1960

AAC CAIRC USAFE ADC HQC AFAFC  
ARDC PACAF AU CONAC ATC TAC  
USAFSS MATS USAFA AMC SAC

1. The Secretary of the Air Force has established:

a. An Office of Missile and Satellite Systems (SAFMC) in the Office of the Secretary of the Air Force to assist him in discharging his responsibility for the direct supervision and control of the SAMOS Project. The Director will provide the Executive Secretariat for the Air Force Ballistic Missile Committee. The Director, SAFMS, is responsible for maintaining liaison with the Office of the Secretary of Defense and other interested government agencies on matters relative to his assigned responsibilities. He may be assigned additional duties as deemed appropriate by the Secretary of the Air Force. Brigadier General Richard D. Curtin has been designated as Director of this office.

b. A Directorate of the SAMOS Project (SAFSP) at AFBMD as a field extension of the Office of the Secretary of the Air Force responsible to and reporting directly to the Secretary for management of the SAMOS Project. Brigadier General Robert E. Greer has been designated as Director with additional duty as Vice Commander for Satellite Systems, AFBMD, ARDC, with duty station at 2400 East El Segundo Blvd., El Segundo, California.

c. A Satellite Reconnaissance Technical Advisory Group and a Satellite Reconnaissance Advisory Council.

2. Effective immediately, the satellite reconnaissance program will be managed within the above structure. Further:

a. There will be no review or approval channels between the Director of the SAMOS Project and the Secretary of the Air Force. However, in order to maintain general project knowledge within those command or staff offices where such knowledge is necessary for program support or coordination of related matters, need-to-know briefings will be given on a periodic basis. Briefings will be given by SAFMS without request and not as a part of project management actions. Requests for briefings will be directed to the Secretary of the Air Force and will be approved on a strict need-to-know basis.

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OPERATIONS ORDER NO. 60-1

C O P Y

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C O P Y

b. Visits to the SAMOS Project Office, El Segundo, California, will be for official business only. Requests for visits by other than specifically accredited contractors and agencies of the government whose business requires regular and frequent visits will be directed to the Secretary of the Air Force for approval.

c. The Director of the SAMOS Project is authorized direct contact with major commands to request support.

d. The Director, Office of Missile and Satellite Systems, is authorized direct contact with the Air Staff and other staffs and agencies to request support as required.

3. The Executive Secretariat of the Air Force Ballistic Missile Committee will be the responsibility of the Director of Missile and Satellite Systems. Pending resolution and clarification of Air Staff participation in the direction of Ballistic Missile and Space Programs, the Secretariat will continue to provide the Air Force Ballistic Missile Committee with a direct channel to the Inglewood Complex, Air Materiel Command, and the Air Staff. This will include the necessary arrangements for meetings and follow-on implementing actions. The Air Staff will keep this office fully advised on missile and space matters so as to insure maximum effectiveness for the Secretary of the Air Force and the Air Force Ballistic Missile Committee. Until more detailed operating instructions are issued, the Air Staff will continue to assist the Office of Missile and Satellite Systems in every way possible.

4. The high national importance accorded the SAMOS Project requires complete support and immediate response from all elements of the Air Force. All individuals and organizations of the Air Force are urged to provide the necessary resources and assistance to these offices to assure the timely attainment of missile and satellite objectives.

/signed/  
ROBERT R. ROWLAND  
Colonel, USAF  
Secretary of the Air Staff

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HQ ARDC  
OPERATIONS ORDER NO. 60-1

## ANNEX "B"

T

OPERATIONS ORDER  
SERIAL NO. . . .  
COMPTROLLER

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## **HEADQUARTERS ST. ALA. TROOPS**

AIR RESEARCH AND DEVELOPMENT COMMAND

WASHINGTON 25, DC 4-7000

## 1. BUDGET

- a. The Budget Annex of the Development Plan will provide the basis for justifying the program fund requirements through all levels of review. It will include prior year funding, current year fund requirements, and one future year estimated fund requirements unless otherwise directed by the Secretary of the Air Force. The Development Plan will not contain support-type fund requirements. These will be included in normal Budget Estimates and Financial Plans submitted by supporting Centers, Divisions, and Commands.
  - b. After appropriation of funds by the Congress, the Financial Plan as approved by the Secretary of the Air Force will constitute the authority for all funding actions by Hq USAF. Funds allocated to the Commander, ARDC, will be sub-allocated to appropriate Division and Center Commanders. Military Construction funds will be allocated by Hq USAF directly to the Air Force Construction Agent, as designated by the Secretary of the Air Force.
  - c. Each Division/Center having a responsibility in this program will state support fund requirements to Hq ARDC. This will normally be accomplished in the Division/Center Budget Estimates and Financial Plans and revisions thereto. Fund requirements stated by each Division/Center in support of this program will be separately identified. In the event un-programmed items requiring funding arise, and the Division/Center cannot absorb the funding within existing resources, the Division/Center involved will advise Hq ARDC of the additional fund requirement.
  - d. The AFMMD Budget Directorate will provide Budget Services to the Director, SAMOS Project, as required.

## **2. ACCOUNTING AND FINANCE:**

- a. The AFBMD Accounting and Finance Directorate will perform accounting operations for this program as prescribed in current directives.
  - b. The AFBMD Accounting and Finance Directorate will provide the same finance service to this program and assigned personnel as provided other programs and personnel assigned to AFBMD.
  - c. Each Division/Center will perform accounting operations as prescribed in current directives for funds received in support of this program.

**U.S. ARDC  
OPERATIONS ORDER NO. 60-1**

### **3. STATISTICAL SERVICES:**

- a. Each Division/Center will provide normal statistical services in support of this program.

#### **4. MANAGEMENT ANALYSIS:**

- a. The AFBMD Financial Analysis Directorate will provide the Commander AFBMD and the Director, SAMOS Project financial analysis services as required.

- b.: Each Division/Center Commander will insure that appropriate analysis is performed to provide him data to insure smooth implementation and accomplishment of his portion of the program.

reducing Harlequin's original 1990s concept of a "feminist" art movement to a single, homogenous, and monolithic entity.

Both the *prokaryotic* and *eukaryotic* forms of the enzyme have been studied.

**HQ ARDC  
OPERATIONS ORDER NO. 60-1**

ANNEX "C"  
TO  
OPERATIONS ORDER  
SERIAL NO.  
FACILITIES

HEADQUARTERS  
AIR RESEARCH AND DEVELOPMENT COMMAND  
WASHINGTON 25, DC

I. POLICY: The Air Research and Development Command, through the Air Force Ballistic Missile Division, Los Angeles 45, California, will provide facility support for the SAMOS Program worldwide and for the SAMOS Project Office, El Segundo, California.

II. SAMOS PROGRAM SUPPORT: The Deputy Commander for Facilities, Air Force Ballistic Missile Division, will provide the Civil Engineering support required for implementation of the SAMOS PROGRAM including, but not limited to:

a. Development of worldwide facility requirements.

b. Programming of requirements.

c. Design of all facilities. Design responsibility includes architect-engineer selection, supervision, review and approval of design concepts, preliminary and final design; design interpretation during construction and review and approval of design change orders during construction.

d. Construction surveillance.

e. Fiscal management of design and construction.

f. Acceptance of completed facilities.

III. SAMOS PROJECT OFFICE SUPPORT: The Civil Engineering Division of the 6592nd Support Group, AFBMD, will support the SAMOS Project Office, El Segundo, California, as follows:

a. Provide for the maintenance, operation and accountability of all Air Force Real Property utilized in support of the SAMOS PROGRAM.

b. In conjunction with Aerospace Corporation, provide necessary office space, fixed facilities and parking space.

c. Analyze, review and process requests for modification and alterations of facility requirements submitted in accordance with AFBMD Regulation 85-1, "Work Order Request".

ANNEX "D"

TO

OPERATIONS ORDER

SERIAL NO.

LOGISTICS

HEADQUARTERS  
AIR RESEARCH AND DEVELOPMENT COMMAND  
OF WASHINGTON 25, DC

1. GENERAL: AFEMD will be the principal source of support for the SAMOS Program.

- a. A priority and precedence rating of 1-1 and a DOD rating of Brickbat .01 is assigned to the SAMOS Program.

b. AFEMD is responsible for insuring that timely Logistics Support is available to meet the requirements of the SAMOS Project Office. This includes both support of Military Organizations and Contractors engaged in Research and Development of the SAMOS system in both the Los Angeles area and at operational sites.

2. SUPPORT SOURCES:

a. Support will be provided from three major sources - AF host commands (host Air Force bases), other DOD agencies and/or AFBMD. Support agreements with host agencies will be negotiated by AFBMD.

b. In the event site location makes it impossible to provide support from Air Force or interservice sources, AFBMD will take the necessary action to contract for the required support.

3. TRANSPORTATION:

a. Transportation for equipment and supplies for the SAMOS Program will be arranged for by AFBMD (WDMT) in accordance with applicable directives and agreements between the AMC (LGM).

b. Vehicles in support of the SAMOS Program will be arranged for by AFBMD. SAMOS organizations are responsible for proper use of vehicles in accordance with AFBMDR 77-1.

4. MAINTENANCE:

a. AFEMD will process modifications for aircraft used to support the SAMOS Program in accordance with AFR 57-4 and will arrange for accomplishment of modifications.

b. Calibration, chemical laboratories, liquid oxygen cleaning and other highly specialized technical facilities will be arranged for by AFBMD making maximum use of existing facilities.

c. Technical Order Libraries will be provided by AFBMD.

HQ ARDC

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d. AFBMD will prepare and consolidate budget estimates and financial plans for contract maintenance and equipment modification in support of the SAMOS Program.

5. SUPPLY:

a. General. AFBMD will render supply assistance to the SAMOS Program on an as required basis, and insure that required items are procured and delivered by established need dates.

b. Equipment Authorizations. AFBMD will be responsible for equipment review and authorization functions as prescribed by Air Force Directives.

c. Budget. AFBMD will prepare and consolidate financial plans and budget estimates for GFE equipment and supplies required by the SAMOS Program.

d. Propellants. Liquid propellants, fuels and chemicals required for the SAMOS Program will be programmed and/or budgeted for by AFBMD in accordance with USAF procedures.

ANNEX "F"  
TO  
OPERATIONS ORDER  
SERIAL NO.  
COMMUNICATIONS-ELECTRONICS

HEADQUARTERS

AIR RESEARCH AND DEVELOPMENT COMMAND  
WASHINGTON 25, DC

**1. GENERAL**

- a. AFBMD is responsible for providing suitable and timely Communications-Electronics support of the SAMOS Program Office.
- b. Communications-Electronic support includes that of military organizations, prime and sub-contractors, and commercial carriers in both the Los Angeles area and at operational bases.

**2. PROCUREMENT AND INSTALLATION**

- a. The intra-station and inter-station ground-support communications requirements will be procured and installed through lease from commercial carriers whenever possible. Government owned ground-support communications systems will be procured and installed through a communications contractor.
- b. Prime and sub-contractors will be responsible for providing the ground-space communication requirements and the necessary interface equipments with the ground-support communications system. Ground-space communications systems will be government owned whenever possible.

**3. MAINTENANCE**

- a. Lease ground-support communications systems will be maintained by the commercial carrier. Government owned ground-support communications will be maintained by either a commercial contractor or military personnel.
- b. Ground-space communications systems will be maintained by a communications contractor or military personnel.

**NOTE:** Complete details such as Wire Plan, Frequencies, etc will be included in this Annex as quickly as possible.

**ANNEX "G"**  
**TO**  
**OPERATIONS ORDER**  
**SERIAL NO.**  
**PERSONNEL, MANPOWER & ORGANIZATION**

**HEADQUARTERS**

**AIR RESEARCH AND DEVELOPMENT COMMAND  
WASHINGTON 25, DC.**

**1. MILITARY PERSONNEL:**

The AFBMD will provide all normal personnel support services to the Director, SAMOS Project, within its capabilities in accordance with current policies and procedures. Such support will include:

- a. Personnel Accounting.
- b. Military Pay.
- c. Personnel Classification Action.
- d. Manning of all authorized positions. Assistance in manning key positions will be provided by the Secretary of the Air Force.

**2. CIVILIAN PERSONNEL:**

The AFBMD will provide all Civilian Personnel support within its capability to the Director, SAMOS Project. Such support will include:

- a. Direction and administration of the civilian personnel program.
- b. Classification and pay administration.
- c. Recruitment, employment; placement, and separation of civilian employees.
- d. Employee-management relations and necessary employee services.
- e. Training and development of civilian employees.

**3. MANPOWER AND ORGANIZATION:**

- a. AFBMD has provided 39 officer and 15 civilian manpower spaces for the SAMOS Project Office. In addition, 10 officer and 10 civilian spaces have been provided by the Office of the Secretary of the Air Force, specifically for the SAMOS program. Any additional spaces required will be provided by Hq USAF. Additional requirements will be submitted to Hq AFBMD (WDPO) who will assist in the preparation of substantiating data for transmittal on an expedited basis to Hq USAF through ARDC.

b. Directorate of SAMOS Project Office is a field extension of the Office of the Secretary of the Air Force, by authority of SAF Order 116.1, dated 31 August 1960. The Director is responsible to, and will report directly to, the Secretary of the Air Force. As an additional duty, he will act as Vice Commander for Satellite Systems to the Commander of AFBMD in which capacity he may command such additional support as AFBMD has the capability to provide. Organizational structure of the Directorate of SAMOS Project will be consistent with proper Air Force management procedures and will be functionally aligned to fulfill its mission. Organization changes desired by the Director of SAMOS project will be submitted to HQ AFBMD (WDPO) for transmittal to USAF through ARDC.

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ANNEX "H"  
TC  
OPERATIONS ORDER  
SERIAL NO.  
AIRCRAFT SUPPORT

**HEADQUARTERS  
AIR RESEARCH AND DEVELOPMENT COMMAND  
WASHINGTON 25, DC**

**I. POLICY:**

The Air Research and Development Command through the Air Force Ballistic Missile Division, Los Angeles 45, California, will provide all aircraft requirements (assigned or bailed) in direct support of the SAMOS Program.

**II. PROCEDURE:**

The Support Operations Division (WDQO) of the 6592d Support Group, AFBMD, will support the SAMOS Program as follows:

- a. Bailment requests will be processed in accordance with AFBMDIR 70-7 and ARDC Regulation 55-3.
- b. Requests for assignment of aircraft will be processed through WDQO in accordance with ARDC Regulation 55-3.
- c. WDQO will assist in validating aircraft requirements when required.

ANNEX "I"  
TO  
OPERATIONS ORDER  
SERIAL NO.  
SECURITY AND INSPECTION SERVICES

HEADQUARTERS

AIR RESEARCH AND DEVELOPMENT COMMAND

WASHINGTON 25, DC

1. SECURITY:

The AFBMD will provide those security services normal to a host/tenant relationship. Services provided will include:

- a. Guard services to meet physical security requirements within the AFBMD Complex.
- b. Personnel Security Clearance actions as required.
- c. Visitor Control Services.
- d. Classification guidance and assistance as required.
- e. Such other requested services as are within the capability of the AFBMD.

2. INSPECTION SERVICES:

The Inspector General, AFBMD, will provide:

- a. Inspection Services required by AFR 123-1.
- b. Quarterly Security Inspection Check Lists in compliance with AFR 205-1.
- c. Such other requested services and assistance as are within the capability of the AFBMD.

ANNEX "J"  
TO  
OPERATIONS ORDER  
SERIAL NO.  
LEGAL

HEADQUARTERS  
AIR RESEARCH AND DEVELOPMENT COMMAND  
WASHINGTON 25, DC

1. The Staff Judge Advocate, Headquarters, ARDC, will provide assistance to and will exercise surveillance over all legal activities of the Ballistic Missile Division in support of the SAMOS Project, Office of the Secretary of the Air Force.
2. The Staff Judge Advocate, Headquarters AFBMD, as required, will:
  - a. Act as advisor to the Director of the SAMOS Project and his staff on legal problems pertaining to the SAMOS Project.
  - b. Provide legal review of all contracts written in support of the SAMOS Project.
  - c. Render advice, assistance and act on all patent, copyright and royalty and other proprietary right matters including infringement claims arising out of or incident to SAMOS project activities.
  - d. Monitor and coordinate all actions dealing with the Reports Clause of all contracts written for the SAMOS project including evaluations and clearances for payment.
  - e. Direct the administration and processing of claims in favor of and against the United States Government.
  - f. Provide legal assistance for all eligible personnel assigned or attached to the SAMOS Directorate.
  - g. Provide advice and assistance to the Director on disciplinary problems.

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ANNEX "K"  
TO  
OPERATIONS ORDER  
SERIAL NO.  
INFORMATION AND HISTORICAL SERVICES

HEADQUARTERS  
AIR RESEARCH AND DEVELOPMENT COMMAND  
WASHINGTON 25, DC

**1. INFORMATION SERVICES:**

a. Within the procedures prescribed by the Public Affairs Plan for SAMOS SATELLITE PROJECT (PA 13/1), dated 22 September 1960, AFBMD is responsible for developing detailed Information plans and initiating programs for all Information aspects of the SAMOS program in direct support to the SAMOS Project Director, Office of the Secretary of the Air Force.

b. AFBMD will establish procedures and channels for the control of SAMOS Program information, including that information generated by participating ARDC Divisions and Centers, Major Air Commands, and Air Force contractors, subcontractors, and suppliers; to provide a central coordinating agency for the review and processing of material intended for public dissemination. SAMOS Program progress will be closely monitored by AFBMD so that technical secrets are protected while general progressive information can be recommended for publication in order to serve public interest.

c. AFBMD will initiate and supervise actions affecting local and national acceptance of the SAMOS Program. This will include preparation and coordination of press plans for significant events in the SAMOS Program including making available to news media, pre-launch, launch, and post-launch information; routine handling of press queries regarding SAMOS, inputs to speeches by key SAMOS Program officials, photographic support, both still and motion, and the normal internal (Air Force wide) information activities. Other ARDC Divisions and Centers will cooperate and participate in this program as required.

d. AFBMD will submit through established Information channels to the Office of Security Review, OASD(PA), all handout material, statements, fact sheets, etc for release to news media, for coordination and final approval not less than ten days in advance of the planned date of launch.

e. HQ ARDC Office of Information will be continually advised of all public information aspects of the SAMOS Program.

**2. HISTORICAL SERVICES:**

a. Upon request, the AFBMD Historian will provide guidance to the staff of the SAMOS Project Director, Office of the Secretary of the Air Force, in the preparation of any historical reports required under AFR 230-3, 12 August 1960.

ANNEX "L"  
TO  
OPERATIONS ORDER  
SERIAL NO.  
ADMINISTRATIVE SERVICES

**HEADQUARTERS  
AIR RESEARCH AND DEVELOPMENT COMMAND  
WASHINGTON 25, DC**

**1. GENERAL:**

The Director, SAMOS Project, will receive administrative support from Hq AFBMD in the same manner and extent as is received by other organizations located on the AFBMD installation. Details of support requirements will be arranged and changed as necessary by mutual agreement between the Director of Administrative Service, Hq AFBMD (WDA), and the Executive Officer, SAMOS Project Office (SAFSP-X).

**2. MAIL, MESSAGE, & COURIER SERVICE:**

The Director of Administrative Services (WDA), Hq AFBMD, will provide normal message center, mail room, and courier services to the SAMOS Project Office. Maintenance of internal accountability records for classified material is the responsibility of the SAMOS Project Office.

**3. ADMINISTRATIVE ORDERS:**

Travel performed by the Director, SAMOS Project, in his capacity as a representative of the Secretary of the Air Force and in support of the SAMOS Project, will be covered by blanket orders from the Office of the Secretary of the Air Force. All other travel by the Director, SAMOS Project, and all travel by members of his staff will be performed under orders issued by Hq AFBMD upon request of designated officials assigned to duty in the SAMOS Project Office. As qualified above, Hq AFBMD will provide complete orders-issuing service to include travel, leave, personnel actions, board appointments and any other action requiring issuance of a special order. Hq AFBMD Regulations shall apply.

**4. PRINTING, DUPLICATING, & ART SERVICES:**

Printing, duplicating, and art services will be provided by Hq AFBMD. Hq AFBMD Regulations shall apply.

**5. PUBLICATIONS AND FORMS:**

Hq AFBMD will furnish departmental, ARDC, and AFBMD publications and forms necessary to operate the SAMOS Project Office. AFBMD Regulations governing issuance of publications and forms shall apply. Directives issued by the Secretary of the Air Force will be received directly.

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in the SAMOS Project Office in accordance with procedures to be established by the SAMOS Project Office.

**IV. RECORDS MANAGEMENT:**

Files of current records will be maintained in accordance with AFM  
181-1. Assistance in preparing Records Control Schedules will be furnished by the Records Management Officer, Hq AFBMD.

ANNEX "M"  
TO  
OPERATIONS ORDER  
SERIAL NO.  
MEDICAL SERVICES

HEADQUARTERS  
AIR RESEARCH AND DEVELOPMENT COMMAND  
WASHINGTON 25, DC

The Air Force Ballistic Missile Division will provide all medical support within its capabilities to personnel of the SAMOS Project Directorate, in accordance with ARDC directives and existing procedures. Such support will include professional medical services and appropriate medical services as required:

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