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14 NOV 1966

MEMORANDUM FOR: Mr. Charles A. Briggs  
Acting Information Processing Coordinator, DDS&T

SUBJECT : Inauguration of Semiannual ADP Management  
Report to the Bureau of the Budget

REFERENCE : Your memorandum dated 25 October 1966;  
Same Subject (DDS&T #5187-66)

1. The information provided for your report consolidation coincides as closely as possible to the format outlined in BOB Circular A-79. Inasmuch as this represents an initial submission of such detailed information for BOB utilization, we would appreciate your comments prior to the next reporting date.

2. In this regard, a meeting should be chaired by the DDS&T Information Processing Coordinator for the benefit of Office representatives.

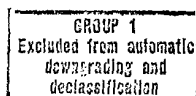


JOHN PARANGOSKY

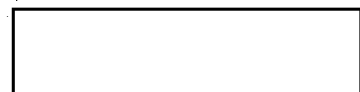
Acting Director of Special Activities

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Attachment:  
Automatic Data Processing Semiannual Report



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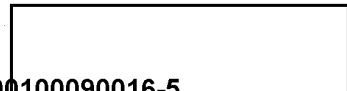
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SA/COMPT/OSA:  (4 Nov 66)

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OSA - SECTION I

1. The development and implementation of a computer program to display camera command and control functions for premission, inflight and postmission analyses.

a. Satellite reconnaissance is the general program under which this accomplishment has occurred.

b. The principal benefit of this new development is the increased operational control of satellite functions.

c. Without computer assistance, the generation, manually, of such a program would negate its value on a timely basis. The IBM 7090 and 360 Model 65 computers are used in this function.

2. The development of a system which yields a probability of success for manned overflights in denied territories taking into consideration all aspects of the territories' defensive capability.

a. This system is part of the covert aerial reconnaissance effort.

b. The major benefit of this system is the ability to assist human judgment through proven statistical and probable theorems and techniques.

c. This system is not in being as a manual effort. The time available for "Go-No-Go" decisions does not allow manual mathematical manipulations. It is to be used on the IBM 360 Model 65.

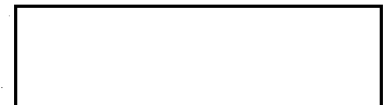
3. Concerted efforts have been made in analyzing, updating and altering the aircraft flight plan system to keep it current with the dynamic environment in which these vehicles operate.

a. This system is a part of the covert aerial reconnaissance function.

b. More effective program performance is created by these changes.

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c. The complexity of the aircraft and its systems coupled with the time requirements make use of computer mandatory. Over 21,000 instructions are used on the IBM 7090 and 360 Model 65.

4. During the period of this report, considerable man hours have been expended in the conversion of both hardware and software for the IBM 360 series equipment. This conversion will provide a better computer service in terms of access, speed and flexibility.

## SECTION II

Equipment reviews take place as required and at least quarterly. During this report period, every effort has been made to more closely ally OSA data processing to OCS procedures, practices and standards.

Items a, b, d, and e, could best be answered by OCS. This office has moved in and agrees with this direction.

## SECTION III

1. At the present time, OSA future plans for automation are under development and review. These plans are in the area of Command and Control, Management Information and Data Communications.

2. Efforts have progressed during the report period from the pure arithmetic functions of flight planning to the implementation of mission decision logic. This effort will continue until every possible aspect of premission, inflight and postmission planning, control and analysis has been automated.

3. The detailed, comprehensive plans of OSA automation will be available in February and as such will be reported on in our next submission.

## SECTION IV

OSA has no comment in this area.

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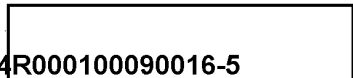
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SECTION V

The Director, OSA, exercises command and control of the Automatic Data Processing Division through the Deputy for Operations, OSA. Additionally, through the Comptroller, OSA, policy formulation, Information Processing Coordination, and Management Information Systems are accomplished.

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### ROUTING AND RECORD SHEET

SUBJECT: (Optional)

Inauguration of Semi-Annual ADP Management Report to the Bureau of the Budget

FROM:

SA/COMPT/OSA 6B-4404 Hqs.

EXTENSION

NO.

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DATE

7 November 66

TO: (Officer designation, room number, and building)

DATE

OFFICER'S INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

Charles Briggs (DDS&T)

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