

November 1957

[REDACTED]

[REDACTED] May 57

[REDACTED]

[REDACTED]

in subject

DOWNGRADED AT 12 YEAR
INTERVALS AND PERIODICALLY
DECLASSIFIED DGD BY 220-10

original copy

[REDACTED]

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SEP 27 1961

[REDACTED]

29 OCT 1957

WDTL

SUBJECT: Transmittal of Reports

TO: Chief of Staff
Headquarters, United States Air Force
Directorate of Development Planning
ATTN: AFDAF-A
Washington 25, D. C.

1. Attached are seven (7) copies of the Rough Draft of Part I of the Phase I report of the Advanced Weapon Systems Study. This report is entitled "A Pilot Study of Advanced Ballistic Missiles" and is comprised of a summary and eight tabs. Part II of the Phase I report entitled "A Pilot Study of Lunar Rockets", is expected to be available in the near future. Part III, the final part of the Phase I report, will be entitled "Satellites" and should be available in November 1957. (c)

2. Your attention is invited to the fact that the attached documents are Rough Drafts and it is emphasized that they have not received final internal AFMD/R-W review. For example, contrary to the recommendation made in the report, highly accurate enemy ICBM's may not require a re-evaluation of survival alternatives. The alternatives between hardness, dispersal, force size, reaction time and force expenditure time have been widely studied and are known for various enemy capabilities (including perfect accuracy). The agencies primarily active in this regard are Hq USAF (Committee established by the Chief of Staff), RAND, SAC, AFSWC and AFMD. (s)

3. These documents are forwarded solely for your review and coordination as a participant in the study. Consequently it is expected that they will be circulated only to those individuals which you consider as having contributed material for the report. In addition to AFDAF, it is understood that this is specifically limited to certain personnel within Operations Analysis, Long Range War Plans and Intelligence. Copies will be available for other elements of the Air Staff when the report is completed in final form. (U)

DOWNGRADED AT 3 YEAR INTERVALS
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[REDACTED]

[REDACTED]

WD-57-122
Cy 3 of 6

[REDACTED]

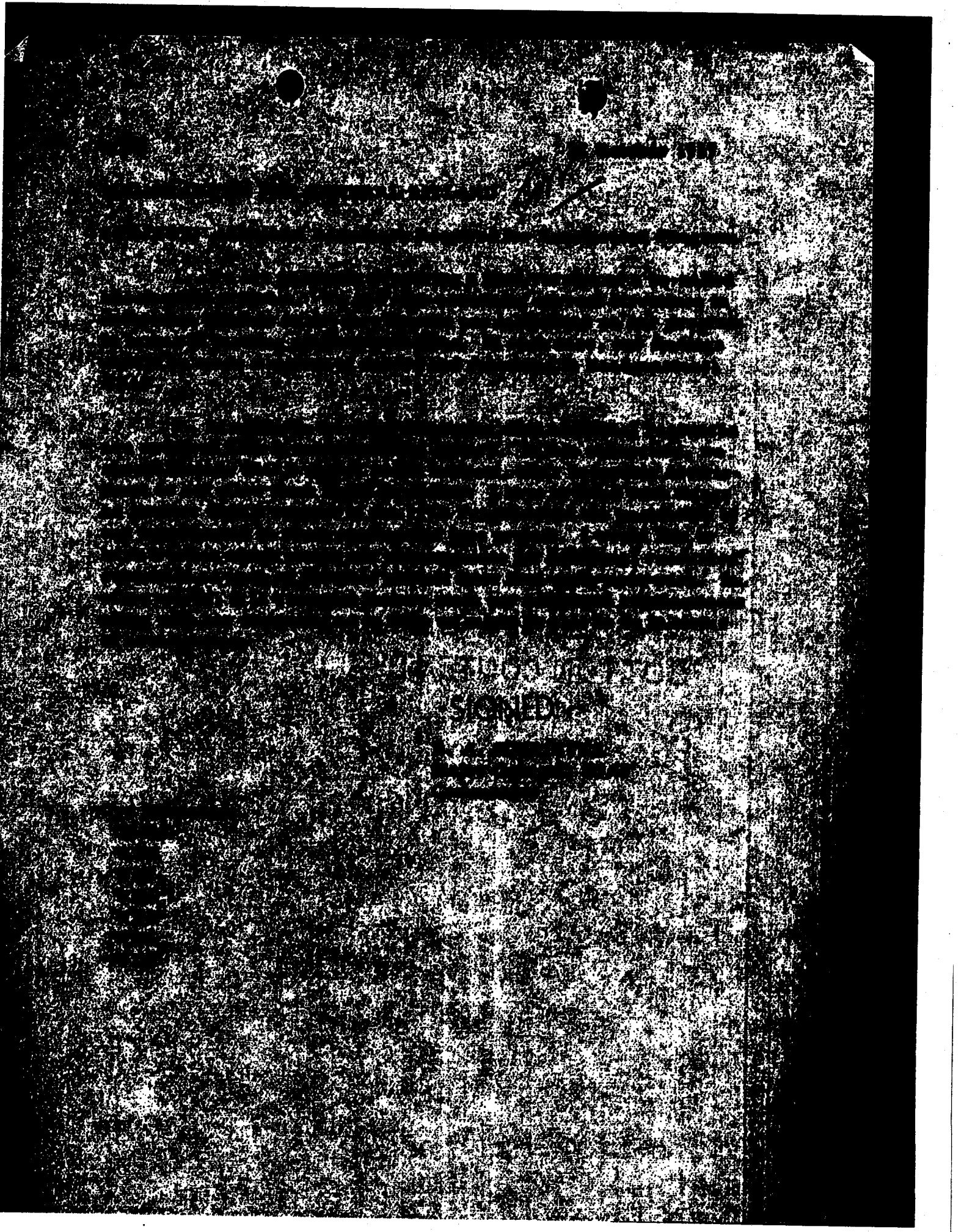
4. Arrangements will be made for the final coordination sessions planned for the week of 18 November at AFHQ. A list of the personnel who will attend these sessions is requested. (U)

9 Incls

1. Summary (7 cys)
2. Tab 1 (7 cys)
3. Tab 2 (7 cys)
4. Tab 3 (7 cys)
5. Tab 4 (7 cys)
6. Tab 5 (7 cys)
7. Tab 6 (7 cys)
8. Tab 7 (7 cys)
9. Tab 8 (7 cys)

SIGNED

O. J. RITLAND
Brig. Gen., USAF
Vice Commander



C O P Y

WDTR

Oct 18, 1957

MEMORANDUM FOR RECORD:

SUBJECT: Telecon between Col. Nunziato, Col. Oder, Lt. Col. Seay,
and Major Zelenka, 18 October 1957

1. Col. Seay explained our plans for definitization namely:
 - a. Submission of IAC Proposal 28 October 57
 - b. Agreement on Terms and Work Effort November 57
 - c. Final definitization February 1958.

The importance of proceeding on this schedule was emphasized by Col. Seay, and Col. Nunziato agreed we should proceed as outlined.

2. The requirements for funds to cover this program to Final Definitization were submitted as follows:

\$ 15.0 Million	P-100	IAC
.5 Million	P-100	Convair
<u>\$ 15.5 Million</u>	P-100	

3. It was agreed to allow IAC to proceed without P-200 funds until such time as the issues were resolved at USAF Hqs.

4. Col. Nunziato also approved proceeding with commitments in the P-600 area to the total of 4.5 million on a tentative allocation as follows:

RADC	3.5	P-600
AFCRC	.3	P-600
WADC	.1	P-600
MIT	<u>.6</u>	P-600
Total	4.5	

5. Hq USAF does not require a TWK confirming this go ahead, however, they will send us authority to proceed on the above basis.

6. USAF will not withdraw the PA for \$35.1 Million P-100 money, but will place an administrative freeze on \$19.6 Million of the total pending resolution of program issues.

/s/ Raymond Zelenka

Raymond Zelenka
Major, USAF

RECEIVED
WDD ARDC
ACTION

TG 29

-8 OCT 1957 19

INFO:

(1)

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INTERVALS; NOT AUTOMATICALLY
DECLASSIFIED. DOD DIR 5200.10

AF ITEM 1 X-SECRET/
FOLLOWING IS TWX DISPATCHED TODAY--
REQUEST ADVICE AS SOON AS POSSIBLE AS TO
ANY RECOMMENDED ACTIONS AND THE ESTIMATED
RESOURCES REQUIRED THEREFORE THAT COULD
BE INITIATED TO FURTHER ACCELERATE THE
ICBM/IRBM PROGRAMS. CONSIDERATIONS SHOULD
INCLUDE ADVISABILITY OF INCREASING SIZE
OF ICG FORCES ADVANCING SCHEDULES BY SIX
PLUS MONTHS EMPLOYING ALTERNATIVE BASE
CONSTRUCTION CONCEPTS I.E. SOFT VS HARD
FOR TITAN UNITS ETC ESTIMATED RESOURCES
NEED NOT BE LIMITED TO FY 59 BUDGET CYCLE
AND MAY INCLUDE INCREASES IN CURRENT FISCAL
YEAR. INFO IS DESIRED BY CHIEF OF STAFF
SOONEST DATE REPLY CAN BE FURNISHED.
ANTICIPATED SIMILAR INFO WILL BE REQUESTED
REGARDING WS-117L PROGRAMS SUGGEST PREPARATORY
ACTION ACCORDINGLY.
END USAF ITEM 1 X-SECRET/

"A--PARAPHRASE NOT REQUIRED EXCEPT PRIOR
TO CATEGORY B ENCRYPTION--PHYSICALLY RE-
MOVE ALL INTERNAL REFERENCES BY DATE-TIME
GROUP PRIOR TO DECLASSIFICATION."

STAND BY

RGR
USAF ITEM 2/SECRET/
IF AT ALL POSSIBLE DESIRE YOU PROVIDE
ROUGH ESTIMATES IMMEDIATELY FOR PRELIMINARY
DISCUSSION BY C/S AT NSC MEETING
AM 10 OCT. SUBJECT OF MEETING PRIMARILY
SATELLITE BUT HAS OBVIOUS ICBM/IRBM
IMPLICATIONS. DO YOU HAVE ANY QUESTIONS QUES
END USAF ITEM 2/SECRET/

(2)

AFND ITEM 1/SECRET/
WILL TAKE A QUICK LOOK-
HAVE ANTICIPATED SOME OF YOUR QUESTIONS
BUT ANSWERS NOT IMMEDIATELY AVAILABLE .
BEST PRELIMINARY ANSWER CAN BE
AVAILABLE WED PM VIA TWX.
THIS ALSO ANSWERS UR ITEM 2.

"A--PARAPHRASE NOT REQUIRED EXCEPT PRIOR
TO CATEGORY B ENCRYPTION--PHYSICALLY RE-
MOVE ALL INTERNAL REFERENCES BY DATE-TIME
GROUP PRIOR TO DECLASSIFICATION."

REF AFBMD ITEM 1 AND [REDACTED]

ISAF ITEM 1/SECRET/
WE DO NOT KNOW EXACT BACK GROUND OF ITEM 1
INVEST. WE GUESS THAT IT IS ONLY FOR PURPOSES
OF BEING PREPARED IN CASE TOP AUTHORITIES
ASK WHAT WE NEED FOR OUR PROGRAMS. BASIS
OF SOURCE IS IMPLICATIONS OF SOVIET SATELLITE
ACCOMPLISHMENTS WITH RESULTING POSSIBILITY
OF DEMANDS ON OUR OWN BALLISTIC MISSILE
OUR BEST FIRST GUESSES AS S-AREA PIECE
FOR OUR CHIEF TO INITIATE CONVERSIONS
WHICH MIGHT LEAD TO FUNDING OUTSIDE NORMAL
PROGRAM LIMITATIONS.
END USAF ITEM 1/SECRET/

"A—PARAPHRASE NOT REQUIRED EXCEPT PRIOR
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MOVE ALL INTERNAL REFERENCES BY DATE-TIME
GROUP PRIOR TO DECLASSIFICATION."

[REDACTED]

[REDACTED]

[REDACTED]

FROM ITEM 3 /SECRET/
WANT UNDERSTAND BACKGROUND OF
SITUATION AND WILL EXERT MAXIMUM
EFFORT FOR PRELIMINARY ANSWER.
END ITEM 3 /SECRET/

FROM ITEM 4 /SECRET/
WE IN CONFERRING GROUP ARE THINKING IN TERMS
OF HOW MUCH IMPACT THESE RECENT DEVELOPMENTS
MIGHT HAVE TOWARD BREAKING FUNDING RESTRICTIONS.
IT COULD BE POSSIBLE TO GAIN AS MUCH AS
200-250 MILLION FY 1958 AND 300-350
MILLION FY 1959 IF SUFFICIENT NATIONAL
IMPETUS WERE PLACED ON THESE PROGRAMS
(INCLUDING 117L. WE WANT TO BE PREPARED TO STATE
WHAT WE COULD DO WITH THE FOREGOING
IF MA OR LESSER AMOUNTS CMA SHOULD THEY BE MADE AVAILABLE.
END FROM ITEM 4 /SECRET/

(4)

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"A—PARAPHRASE NOT REQUIRED EX
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MOVE ALL INTERNAL REFERENCES B
GROUP PRIOR TO DECLASSIFICATION

[REDACTED]

Presentations on WS 117L

AFCOM-A

Lt. Colonel Ahola

WDER

OCT 17 1956

Lt. Colonel Oder/1343

1. At the request of Hq. USAF, WDD, in the person of Lt. Colonel Oder, aided by Commander Truax, will give a presentation to the OSD Coordinating Committee on Guided Missiles (OASD)(R&D) on 26 October 1956. The presentation will be given a dry run in General Swafford's office on 25 October 1956.

2. It has come to the attention of WDD, that it would be fruitful to advise key personnel of the Directorate of Plans (AFOPD) on WS 117L. It is requested that you contact Colonel James B. Tipton, Chief of Long Range Objectives and Programs Group in Room 4C967, with a view to inviting Colonel Tipton to attend one of the two presentations indicated above. Since this will be a TOP SECRET presentation, and accordingly, attendance at the OSD presentation will be quite limited, it is suggested that you determine whether or not Colonel Tipton could attend the dry run in General Swafford's office on the 25 October 1956.

3. It is presently planned that the briefing team will arrive on the day time Statesman on 24 October 1956, they will be carrying material up to TOP SECRET. It is requested that arrangements be made for the securing of this material beginning with the night of 24 October 1956 and that Colonel Oder be advised as to what arrangements have been made in this regard.

HAROLD W. NORTON
Colonel, USAF
Asst Deputy Commander

CHARLES H. TERHUNE, JR.
Colonel, USAF
Deputy Commander
Technical Operations

**Request for Security Investigation in Re
Magazine Release**

OCT 15 1956

WDSI

WDTR

F. C. E. Oder/ls/1344

1. Your attention is invited to the article which appears on the lower right hand side of page 15 on the October 1956 issue of the magazine, "Missiles and Rockets", which is published monthly by American Aviation Publications, Inc., Washington, D.C., in which lists as the managing editor, Erik Bergaust.

2. The article referred to, has as its caption, "Navy's Truax, Guides AF Satellite Work". The article deals with the fact that Commander Truax is assigned to WDD. Discusses his career briefly and states that he is a nominee for the American Rocket Society's Presidency. The problem with the article lies both in the caption and in the last sentence, which states, "Informed sources believe Commander Truax is guiding WDD's satellite work".

3. The fact that the AF (WDD) is engaged in development of a satellite is classified SECRET. Furthermore, WS 117L has special security measures directed by SDD No. 117L. The need for such measures is apparent, in that the premature compromise for a Reconnaissance effort such as this, could easily result in serious national embarrassment and a resulting loss of the investment in the project as well as a denial of the potential results thereof.

4. Accordingly, it is requested that an investigation be conducted to ascertain the circumstances surrounding this release and the determination of responsibility for the classified information concerned appearing in public print. It is further requested that this office be advised as to what steps can be taken to prevent future occurrences of this nature.

SIGNED

cc: WDCS

**FREDERIC C. E. ODER
Lt Colonel, USAF
Assistant for WS 117L
Technical Operations**

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WDTR

ls

F C E ODER

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