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1 FEB 1965

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MEMORANDUM FOR: Assistant Director for Special Activities

SUBJECT: U-2 Kill Probability

1. Enclosed are the preliminary results of a vulnerability investigation of the U-2 aircraft. Computer simulation of the SA-2 warhead and fuze complex and vulnerability modeling of the aircraft were performed by personnel of the Ballistic Research Laboratories at the request of and in coordination with OSI.
2. A formal study detailing the final results, along with the associated technical input data will be provided within one month.
3. The two enclosed graphs present kill probabilities (single shot) as a function of miss distance for both the SAC (J57 engine) and Agency (J75 engine) configurations.



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DONALD F. CHAMBERLAIN
Assistant Director
Scientific Intelligence

Attachments:
As stated

Distribution:

25 YEAR RE-REVIEW

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HANDLE VIA **BYEMAN** CONTROL SYSTEM
PROJECT **IDEALIST**

10 - DSD/SI

11 - ADB/DSD/SI

OSI/DSD/ADB:

bcw

(28 January 1965)

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