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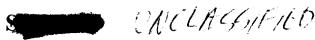
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Enclosures:

1. DTIC request

3. Six documents

Robert Storer

Chief, Records and Declassification Division

Robert Storen



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HEADQUARTERS AIR MATERIEL COMMAND
WRIGHT FIELD, DAYTON, OHIO

11-M-1013 R-1

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1 October 1945

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Air Documents Division, T-2
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ATI No. 2423

2000 IB. TELEVISION GLIDE BONG

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- 1. Dates This project was initiated 24 July 1942 and the GB-4 glide bomb standardized 8 July 1944.
- 2. Further Development Tests to improve the control and the television reception will be incorporated in development of the GB-15 glide bomb which will include radar tracking as an additional means of obtaining position information.
 - 3. Priority 30.
 - 4. Security Confidential.
 - 5. Development Agencies Involved ATSC, RCA, NDRC, Hammond Inst. Co.
- 6. Research in Process Affecting Project GB-15 glide bomb development.
 - 7. Similar Devices GB-15 glide bomb.
 - S. Headquarters Activities Affecting Project (See next page.)

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3. Headquarters Activities Affecting Project -

Information was forwarded to the AC/AS, OCER, on the potentialities of adding a medar beacon to the CB_4. After the CB_4 with a beacon is dropped, a combined radar-operator, television-operator team directs it to the target, with the radar-operator navigating the GB_4 to the target area by observing the progress of the GB_4 on his PPI scope and by constantly informing the television-operator (who controls the CB-4) of the position of the CB-4 in relation to the target area. The advantages of this procedure are that the television operator would always know where the CB-4 is, even though it has to come through an overcust, he will know where to look for the target, and have time to identify the target for the final precise television approach. The reply was received that, although glide bombs are still considered a disadvantage because they detract from the performance of the carrying airplane, this new procedure offers many more possibilities than the present use of the CB_4, that the combat theaters would be checked concerning possible requirements, and that priority should continue at 3A. This information was forwarded to the pir Technical Service Command on 15 June 1945, with a directive to continue development on the procedure of radar navigation with television final approach. It was recommended that if the GB is used for this development that a new number be assigned.

b. It is further planned, at present, to consider the GB_1 for possible "close-support" operations against Japanese caves or strong-points.

c. Preliminary studies indicate that the WHB's (B-29 and B-32) can carry four (11) glide bombs, plus all or a large part of their normal bomb load (depending on desired range of operation).

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