

INFORMATION REPORT

CD NO.

25X1

COUNTRY East Germany

DATE DISTR. 3 July 1953

SUBJECT Zeiss Ikon Development of 100,000,000 Exposure Per Second Camera

NO. OF PAGES 1

PLACE ACQUIRED

NO. OF ENCLS. (LISTED BELOW)

DATE OF INFO

SUPPLEMENT TO REPORT NO.

25X1

25X1

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF TITLE 18, SECTIONS 793 AND 794, OF THE U. S. CODE, AS AMENDED. ITS TRANSMISSION OR REVELATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

25X1

25X1

1. In new negotiations between the Berliner Technisches Bureau (BTB) of SAG Transmasch and Zeiss Ikon, Dresden, [redacted] Zeiss agreed to develop a camera for BTB capable of making 100 million exposures per second. The instrument is to be completed by the end of the second quarter of 1954.
2. BTB intends to use this camera in a research project designed to determine accurately the combustion speed of fuel mixtures. The camera is to be placed upon a combustion test cylinder provided with a homosil glass window at its top. The camera will be put upon the window so that it will be able to take pictures of the combustion process in the direction of the piston movement. The glass window is provided with a grid consisting of dashes at a distance of 8 millimeters from each other. This arrangement will enable the camera to photograph and measure the progress of the combustion sidewise.
3. Zeiss Ikon is to deliver the combustion cylinder with homosil window, with the camera.

ILLEGIB

STATE	#	NAME	<input checked="" type="checkbox"/>	NSRB		DISTRIBUTION													
ARMY	#	NAME	<input checked="" type="checkbox"/>	FBI															

25X1

308