

CLASSIFICATION SECRET - U.S. OFFICIALS ONLY

CENTRAL INTELLIGENCE AGENCY REPORT

INFORMATION REPORT

COUNTRY East Germany
SUBJECT Development of a Relay-Controlled Calculating Machine at VEB Carl Zeiss Jena

DATE DISTR. 15 December 1954

NO. OF PAGES 1 25X1

PLACE ACQUIRED

NO. OF ENCLS. (LISTED BELOW)

DATE OF INFO.

SUPPLEMENT TO REPORT NO.

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

Since January 1954, work on the development of a calculating machine with about 40,000 relays has been under way at the development department of VEB Zeiss headed by Dr Cortum (fnu). The calculating machine has been designed at the Institute of Mathematics of the Dresden Institute of Technology headed by Professor Willers (fnu). The same institute worked on projects for an electronic calculating machine. It was believed that the GDR Ministry of the Interior sponsored the project and had granted approximately 1,000,000 eastmarks for the development of the calculating machine in May 1954. After completion, the machine is to be used first at the Zeiss Firm for calculations connected with the building of optical instruments. The target date for the completion of the calculating machine was unknown. In June 1954, difficulties arose from defective relays which produced idle currents and reverse currents. It was therefore decided to have the relays replaced by transistors. The relays were furnished by a radio engineering plant in Stassfurt or Leipzig.

25X1

25X1

CLASSIFICATION SECRET - U.S. OFFICIALS ONLY

STATE	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> NSRB	DISTRIBUTION		<input checked="" type="checkbox"/> OSI	<input checked="" type="checkbox"/> Ev	<input checked="" type="checkbox"/> E	
ARMY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> FBI						

25X1

Page Denied