

CENTRAL INTELLIGENCE AGENCY  
**INFORMATION REPORT**

REPORT

CD NO.

COUNTRY **East Germany**

DATE DISTR. 20 September 1954

SUBJECT **Development of an Ultra-Centrifuge at VEB Carl Zeiss, Jena**

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SUPPLEMENT REPORT NO.

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1. After the completion of the first model of an ultra-centrifuge in KOV 1 (Konstruktions-und Versuchslaboratorium/1 - construction testing laboratory 1) of VEB Carl Zeiss, Jena, construction of a second model was begun which is to be completed by the end of 1954. This second model is to be an improved version of the first one, which up until mid-July 1954 did not operate in the way expected. The main difficulty was that the rotating gyroscope (Kreisel-Koerper) developed individual vibrations at a high speed of rotation.
2. The first model of the ultra-centrifuge has remained in KOV 1, where another gyroscope will be built for it. After it has been provided with a new gyroscope, Prof. Schuster(fnu) of the Zeiss scientific staff will use it for serum studies before it or the improved second version is delivered to VEB Jenapharm. Jena.

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