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CENTRAL INTELLIGENCE AGENCY

REPORT NO. [REDACTED]

INFORMATION REPORT

CD NO.

COUNTRY Germany (Soviet Zone)

DATE DISTR. 14 April 1950

SUBJECT Production of Air Force Training
Equipment by Zeiss Firm, Jena

NO. OF PAGES 1

PLACE
ACQUIRED [REDACTED]

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NO. OF ENCLS. 3* -
(LISTED BELOW)DATE OF
INFO. [REDACTED]SUPPLEMENT TO
REPORT NO.

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The following original records were procured at the Zeiss Firm
in JENA:

1. Proposal by the Zeiss Firm for the packing of the A-1 k and
A-1 p sets (Annex 1).
2. Protocol of a conference held on 14 September 1949 (Annex 2,
protocol in Russian with a German translation of the Russian
original).
3. Pages 53 through 118 of the description of the A-1 k and
A-1 p sets, in Russian (Annex 3).
4. A short description, in Russian, of the L-1 set, without the
Annexes mentioned in this description (Annex 4).

25X1A [REDACTED] Comment:

a. The report confirms the production of a radar training set
and two fighter pilot training sets. The information is parti-
cularly valuable since it is accompanied and borne out by original
material.

b. The description of the fighter pilot training equipment
has 120 pages in Russian of which only the second part dealing
with the required calculations could be procured due to the spe-
cial security measures taken at the Zeiss Firm. The description
in Russian of the radar training set is incomplete (see Annex 4).

c. The orders for such training equipment reveal the special
efforts taken by the Soviets in bringing their training and air
defense measures abreast of modern warfare.

4 Annexes: Original documents from the Zeiss Firm, JENA

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Legend to Annex 3

General Data on the A-1 k and A-1 p sets

1. Attached are pages 53 through 118 of the original Russian description of the two sets. The total description has 120 pages.

- 25X1X 2. [REDACTED] The following is an English translation of the German version:

"Description of the A-1 k and A-1 p Training Sets, Cinematographic, respectively Panoramic Projection."

The A-1 set is to teach a pilot student the right approach of and the firing at a target while flying a fighter plane. The instructor is in a position to control the manipulations of the student and to alter the directions of the target with regard to both course and speed. The student, who is seated in a simulated cockpit, has to operate all the controls of a fighter plane. He sees the target, as an image of an aircraft on a screen. He may observe it either with his naked eye or through a sight. Since the seat on which the student is seated does not move the target image on the screen must perform all the movements required to produce the sensations experienced when approaching a stationary or moving target in a flying plane.

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