

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

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COUNTRY	East Germany	REPORT	
SUBJECT	Production and Personalities at VEB Carl Zeiss, Jena	DATE DISTR.	5 May 1953
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This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
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 (FOR KEY SEE REVERSE)

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1. Production

The following table shows the planned output for 1952 and the actual output during the period 1 January 1952 to 15 October 1952 at Carl Zeiss, Jena, of optical and laboratory equipment:

<u>Item</u>	<u>Planned Output 1952</u>	<u>Actual Output 1 January 1952 to 15 October 1952</u>
1. <u>Field glasses</u> ¹		
6 x 24	18,000	11,050
6 x 30	60,000	43,160
8 x 30	26,000	17,240
7 x 50	20,000	14,080
10 x 50	12,000	8,210
12 x 60	4,200	2,970
2. Telescopes	1,500	730
3. Opera glasses	4,500	2,530
4. Opera glasses 7 x 50 (Monokular)	2,000	1,150
5. Field glass spectacles 6 x 30	2,500	1,575
6. Striae measuring apparatus	100	36
7. Pulfrich photometer	3,600	2,550

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25 YEAR RE-REVIEW

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI	X	AEC	ORR Ev	X		
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<u>Item</u>	<u>Planned Output 1952</u>	<u>Actual Output 1 January 1952 to 15 October 1952</u>
8. Pulfrich refractometer	500	270
9. Abbe refractometer	2,500	1,750
10. Immersion refractometer	1,800	1,460
11. Pocket polarimeter	3,600	3,120
12. Circular polarimeter	1,100	650
13. IGo medical microscope ²	5,000	3,950
14. Lumipan research microscope	2,000	1,380
15. Specimen microscope (type XVI)	4,500	2,915
16. Microscopes for (inclusion in) tools	4,500	2,750
17. Phase contrast equipment	600	430
18. Electronic microscopes	24	16
19. Operation microscopes	100	15
20. Spectrum analysis equipment	300	210
21. Flame photometers ("Na und Ka")	3,600	2,465
22. Vertex refractionometers	1,000	690
23. Optimeters	1,200	735
24. Ultra optimeters	12	7
25. Gear wheel testing equipment	36	5
26. Epidiascopes	600	370
27. Belsazar print projectors	100	15
28. Shadow free operation lights	2,500	1,850
29. Documentor "Microfilm reading equipment"	1,000	762
30. Wire-drawing diamonds	12,000	6,250
31. Bearing stones of agate, ruby and spinel	6,000,000	4,695,000
32. Ultrasonic pots (quartz)	250	165
33. " " " (Barium titanate)	180	120
34. Planetaria	2	-
35. Theodolite	30	-
36. <u>Lenses</u>		
Tessar 3.5	60,000	47,300
Tessar 2.8	36,000	23,450
Biotar 1:2 5.8	30,000	21,000
Biotar 1.5 7.5	3,600	2,750
Apo Tessare	250	182
Triotar 4.5/13.5	7,000	5,430

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<u>Item</u>	<u>Planned Output 1952</u>	<u>Actual Output 1 January 1952 to 15 October 1952</u>
37. <u>Magnifying glasses</u>		
6 x	100,000	76,000
10 x	75,000	64,000
38. Head magnifying glasses (Kopflupen)	15,000	10,500
39. Weavers glasses	6,000	4,250
40. Angle prisms	3,500	2,600
41. Blood count chambers	75,000	61,400
42. <u>Spectacles</u>		
Punktal	300,000	230,000
Duopal	75,000	57,000
Umbrel	60,000	54,000
43. "Pervist" spectacle frames	200,000	149,000
44. Polarization spectacles for voltage testing	4,000	2,900
45. Sonnar 1 : 1.5 f. 5 cm	2,000	1,450
46. Sonnar 1 : 2 f. 5 cm	4,500	3,200
47. Sonnar 1 : 2 f. 8.5 cm	1,200	670
48. Sonnar 1 : 4 f.13.5 cm	2,000	1,280
49. Sonnar 1 : 2 f.18 cm with Flectoscope	150	138
50. Biogon 1 : 2.8 f. 3.5	750	520
51. Tessar 1 : 3.5 f.10.5	2,500	1,890
52. Universal view finders (Contax)	750	520
53. Portable sound equipment for films	3,400	2,450
54. Image projectors 24 x 36	3,500	2,600
55. Kine-Exacta prism view finders	3,600	2,720

2. A.1 Air Gunnery Trainers

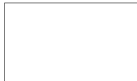
During the period from June to October 1952, 175 sets of this equipment were produced. Additional orders were placed during October by the Luftpolizei (120) and the USSR (85). Zeiss has also been informed that the A.1 is to be adopted as standard training equipment for the satellite airforces. To meet this increased demand, production facilities are to be considerably extended during 1953. Zeiss, Jena, will function solely as an assembly plant for parts manufactured at Seebach, Eisfeld, Winterstein and Saalfeld.

3. Research

On Soviet instructions, a new department for infrared research (Forschung auf das infrarote Spektralgebiet) is to be set up in 1953 under the new scientific director at Zeiss, Dr. Paul Goerlich. Goerlich, a specialist in this field

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4. Personalities

The following were employed at Zeiss, Jena during October:

- Managing Director Dr. Hugo Schrade
- Scientific Director: Dr. Paul Goerlich (Returned from USSR 1952)
- Personnel Director: Braune (Returned from USSR 1952)
- Technical Director: Dipl. Ing. Muller
- Planning Director: Dipl. Ing. Schreiber
- Director of Development: Dipl. Ing. Bischoff
- Head of Planning Office: Dipl. Ing. Wolfram
- Head of Buying Department: Dr. Sandmann
- Sales Manager; Dr. Woenne
- Head of Microscope Production: Thiele
- Head of Telescope Production: Dipl. Ing. Schubar (Returned from USSR 1952)
- Head of Spectacle Production: Linke

Comments:

- 1. The production figures for field glasses in July and August 1952 as given mention production of a 15 x 50 type. 25X1
- 2. refers to "the simplest Carl Zeiss microscopes (type Lg)".
- 3. reports Dr. Paul Goerlich as returning 27 January 1952 from Krasnogorsk, USSR.

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