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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY Germany (Soviet Zone)

SUBJECT IFA Motorenwerk Chemnitz Motorcycle Production

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1. Since the beginning of the year 1953 the IFA Motoren-und Motorradwerk Chemnitz has manufactured about 7,200 motorcycles. The main type concerned is the IFA RT 125, of which about 4,000 have been produced, about 2,000 of which were sold in the People's Republic (DDR). It has a 5 hp. engine at 4,800 r.p.m. The cylinder bore is 52 mm; the piston stroke, 58 mm. The crankcase and the piston ring are of light metal. The crankshaft is made of separate parts hydraulically compressed. It is mounted on three roller bearings, and has a crank pin. The machine has a 7 ampere-hour battery and a 45 watt light. The transmission gear ratios are: 1 : 24.8 in first, 1: 12.74 in second, and 1: 7.85 in third.

2. About 2,000 of the new BK 350 have been manufactured. This machine has a two-cylinder, two-stroke boxer engine. Both cylinders deliver their power strokes simultaneously. The fuel-air mixture is sucked up in a single crankcase. The engine develops 15 hp. at 5,000 r.p.m. Power transmission is through a flexible shaft. The spring suspension is by an oil-damped telescopic connection. The maximum spring travel is 148 mm. The rear wheel spring has a travel of 50 mm. The machines so far built are mainly for the Volkspolizei. Manufacture of 4,300 machines of this type is planned for 1954.

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