From: NEW YORK
To: MOSCOW
No: 732

20 May 1944

Data from "GNOME"[1] about the "JET [VOZDUKh]" assembly
19 A of the WESTINGHOUSE firm. The assembly

[9 groups unrecovered]

increase in speed. It consists of a compressor-internal combustion chamber-turbine. The exhaust nozzle with the cross-section regulated by a central cone. Data of the assembly:

Weight dry - 850 pounds.
Full length - 100 inches.
Diameter of the installation - 19 inches.
Diameter of the compressor - 16 inches.
Compression ratio of the compressor - 2.75/1, number of stages of the compressor - 6.
Single-stage turbine.
Temperature of the gas in the turbine

[3 groups unrecovered] 00 Fahrenheit, maximum

[67 groups unrecoverable]

nozzle

[11 groups unrecovered]

works only when starting. The normal power of the thrust which is created by the assembly is equal to

[3 groups unrecovered]

[40 groups unrecoverable]