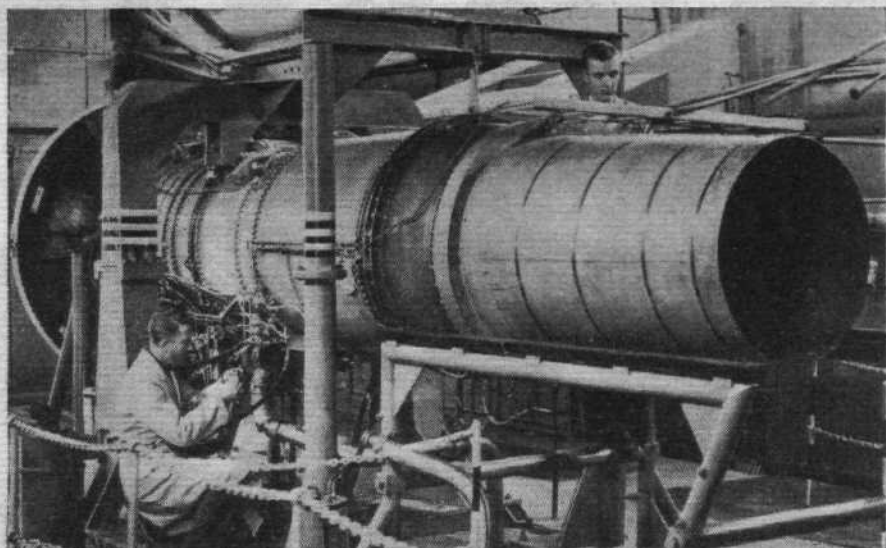




## RESEARCH

Flygmotor is pursuing extensive research activities in various fields of aeronautics. The firm has excellent laboratory facilities for testing jet-engines under simulated flight conditions at supersonic speeds, and for testing ramjets and various types of rocket motors.

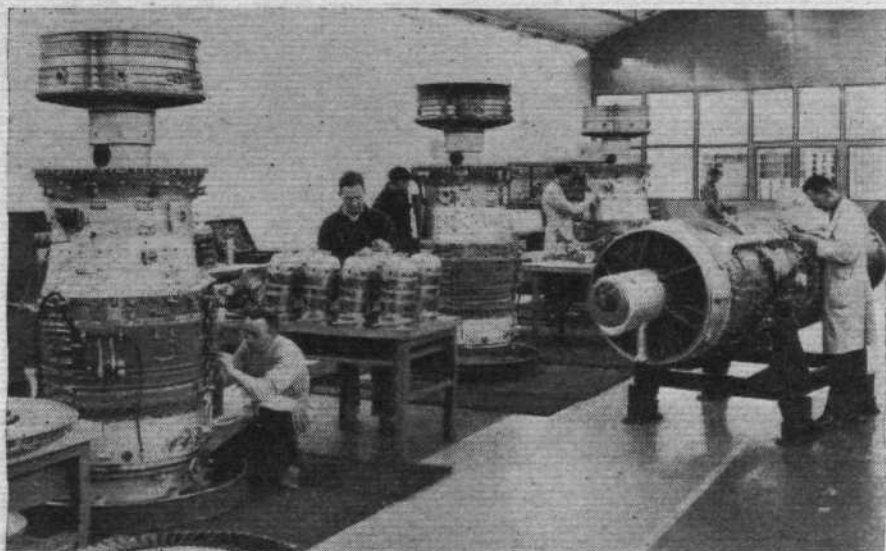
A model of the RR1 ramjet engine about to be tested at Mach 5.



## DEVELOPMENT

At the present time the company is engaged in developing the Pratt & Whitney JT8D1 bypass engine to give a military version (designated RM8) with considerably increased thrust. A reheat system is also being developed for this engine, which will power the new SAAB Viggen 37 aircraft.

A modified Pratt & Whitney JT8D1 engine being tested.



## PRODUCTION

Flygmotor is producing a special version of the Rolls-Royce Avon 300 series engine under licence, for use in the SAAB Draken 35 aircraft. They are also manufacturing the above engine's reheat system, which is of Flygmotor design.

Production of the initial parts for RM8 has begun, and the up-to-date production layout is being prepared to turn out a series of about 1000 engines.

View in the underground factory where RM6 engines are being assembled.

Background to the Swedish Aero-Engine Company is provided by the Volvo and Bofors concerns, with a combined turnover of 500 million dollars and 30,000 employees.

*Flygmotor*

**SVENSKA FLYGMOTOR AKTIEBOLAGET**

TROLLHATTAN

SWEDEN