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STRATOSPHERE ROCKET.

Soviet Engineer Expects It Will Reach an Altitude of 40 Miles.

A NEW rocket, which is expected to reach an altitude of forty miles into the stratosphere, has been invented recently in the Soviet Union by L. Korneyev, engineer for the Stratosphere Committee of the All-Union Scientific Aviation Engineering and Technical Society, according to a report in The Moscow News.

The Korneyev rocket is said to represent a radical departure in its solution of the problem of forcing the fuel and oxidizing agent into the engine. In place of steel cylinders loaded with compressed air, Korneyev has substituted a specially designed pump which greatly decreases the weight of the rocket.

Further improvements of the pump are expected to raise the rocket's estimated ceiling of forty miles to more than sixty miles, while a maximum velocity of 2,700 feet per second is expected to be developed.

Another rocket of simpler construction, also designed by Korneyev, is expected to reach an altitude of twenty-five miles and develop a maximum velocity of 2,100 feet per second. Both rockets will be equipped with automatic recording devices which will become detached on reaching the maximum altitude attainable; these will descend by individual parachutes, as will the rockets.

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