

Internal combustion engine (ICE)

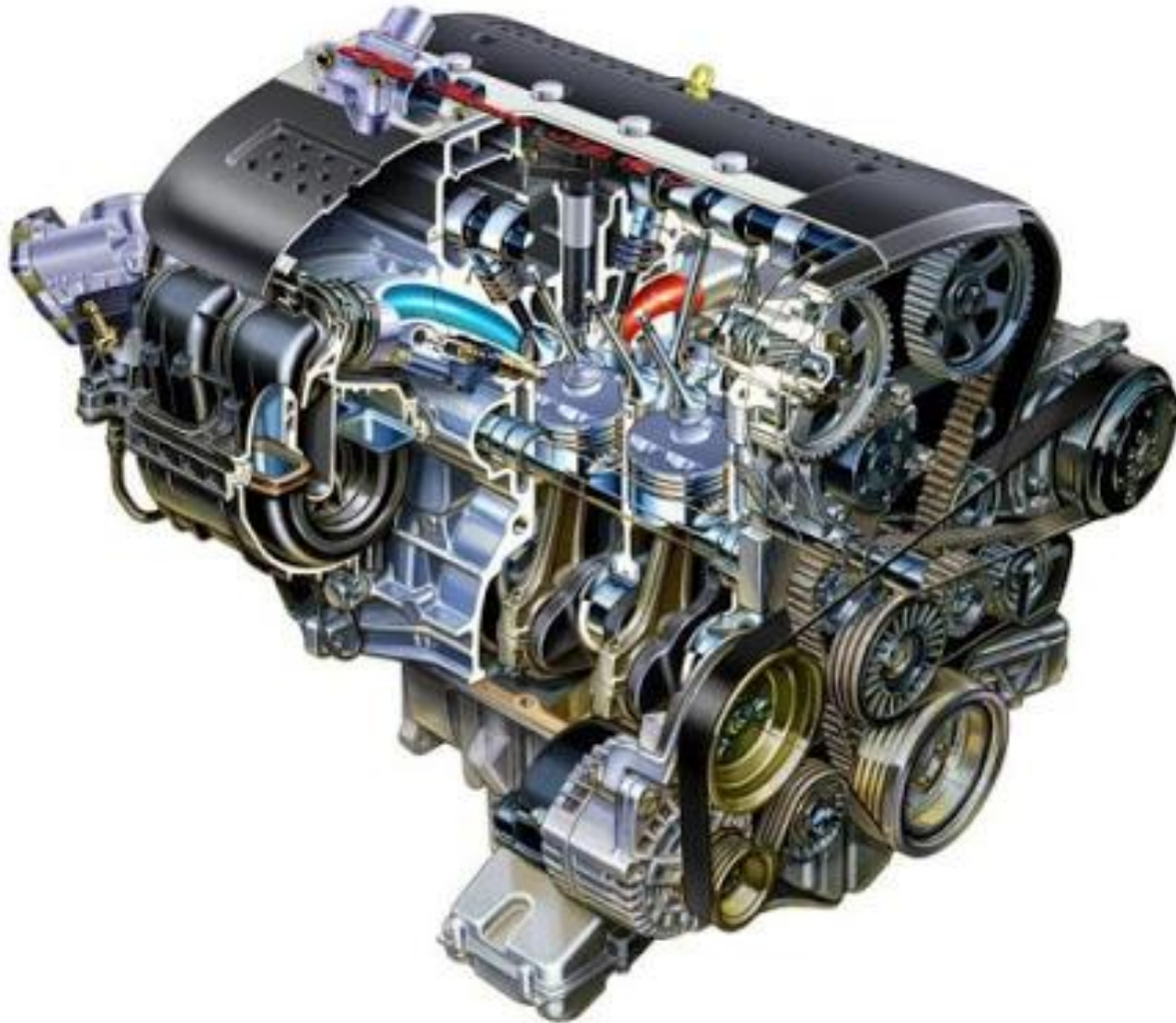
PERFORMED:

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DOSHCHANNIKOV MAXIM

TEACHER: ANNA VALENTINOVNA

ICE

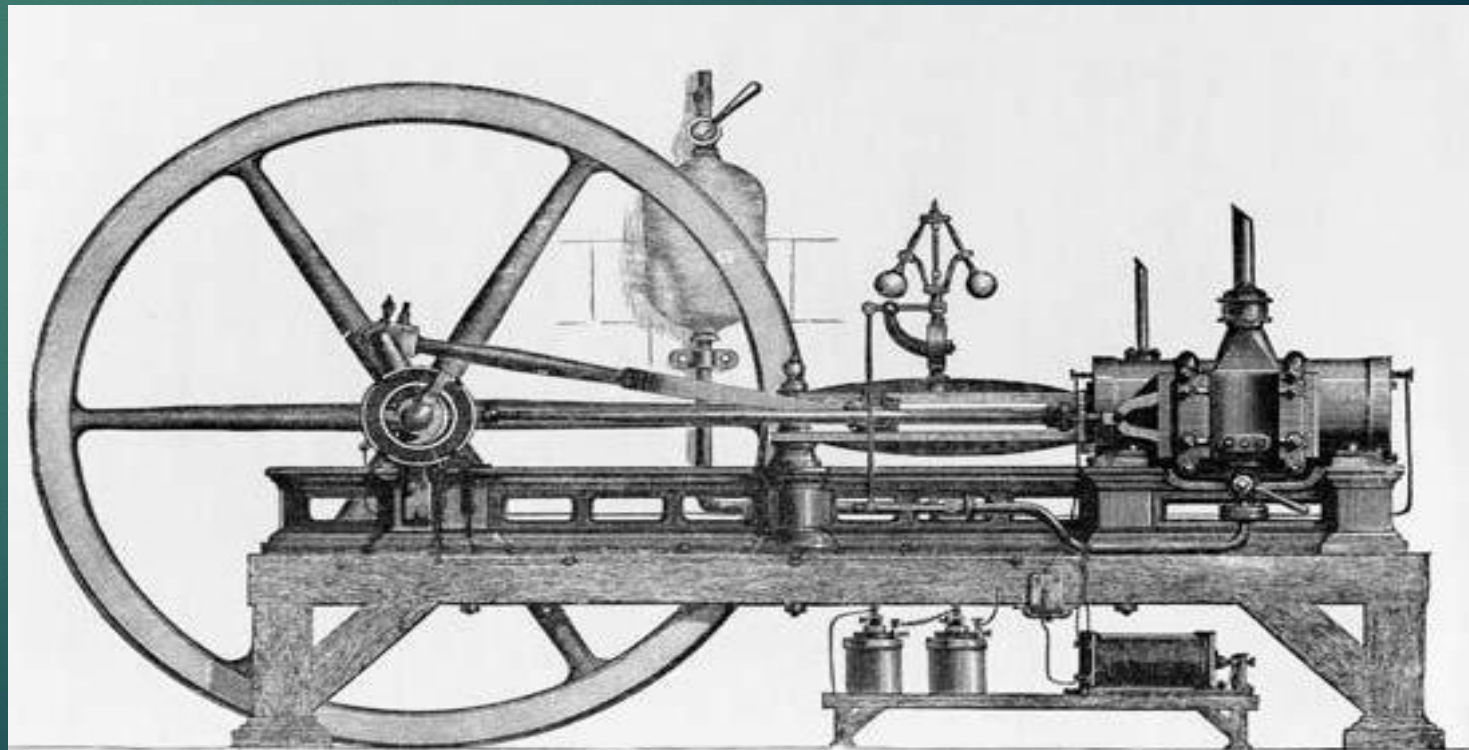


An internal combustion engine (ICE) is a heat engine in which the chemical energy of a fuel that burns in the working cavity is converted into mechanical work.

Etienne Lenoir and his ICE (1860)

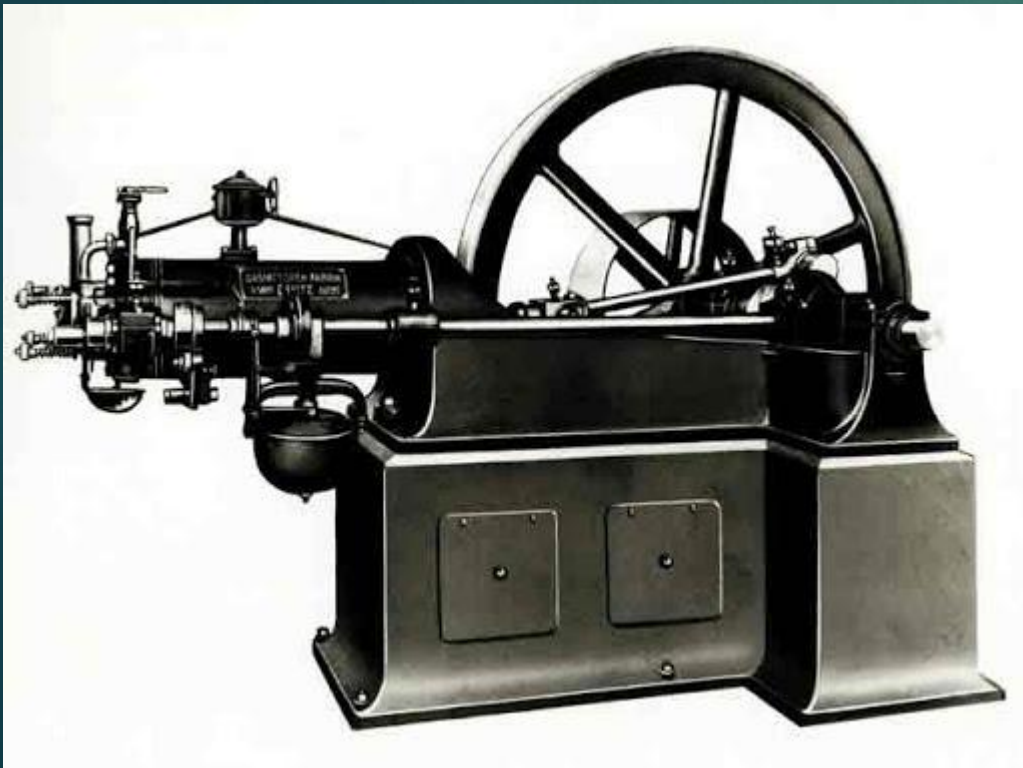


- ▶ The efficiency of this engine was only 3.3%.

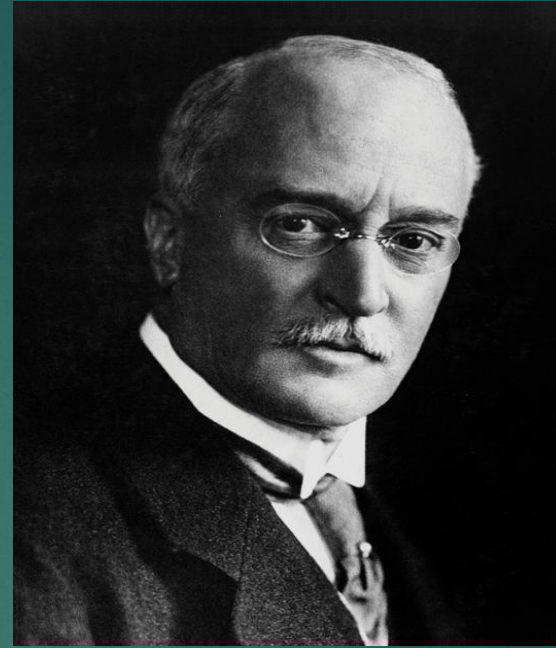


Nikolaus August Otto

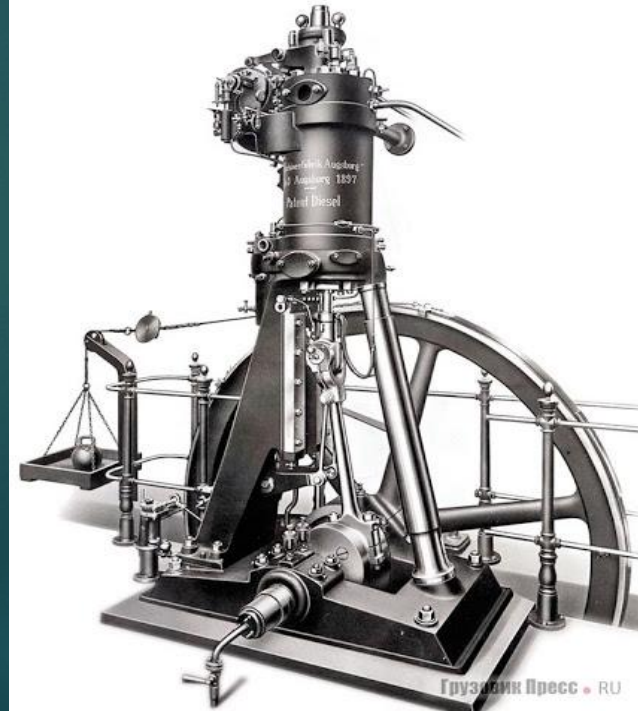
- ▶ In 1876, the German inventor Nikolaus August Otto built a more sophisticated 4 stroke gas.



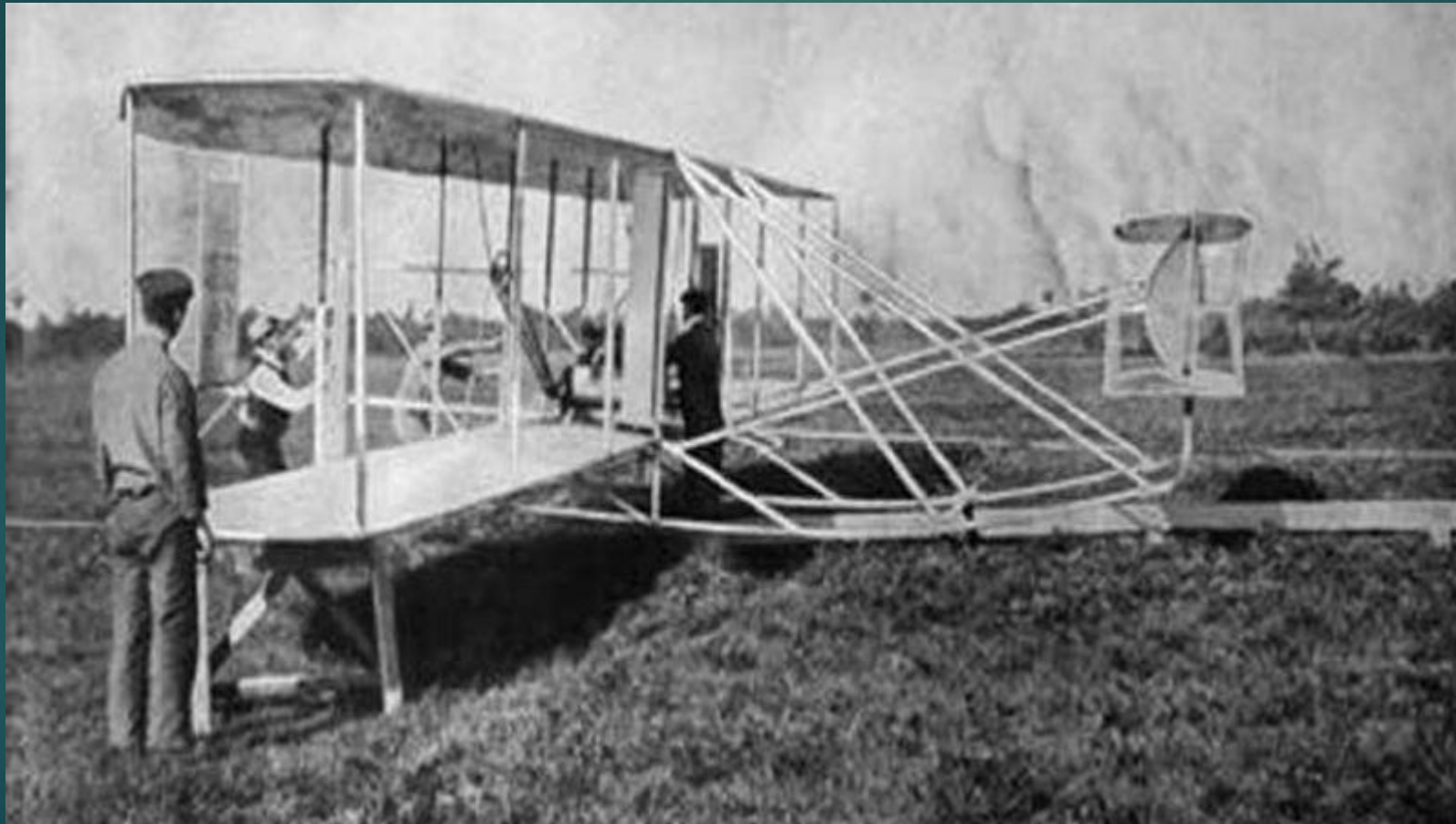
In the 1880s O.S. Kostovich in Russia built the first gasoline carburetor engine.



In 1897, German engineer Rudolf Diesel received a patent for an engine, later named after him.



The first aircraft



THANK YOU FOR WATCHING!