**FUEL CONSUMPTION OF GASOLINE ENGINE PRODUCING THE SAME POWER AS A WANDERING ALBATROSS**

**Energy required by albatross**

Mass: ****

Drag-to-lift ratio: 

Speed: ****

Energy required for  flying: ****

Thus: ****

**Gasoline**

Energy: 4.0 107 J/kg

Density: 0.75 kg/dm3

Efficiency: 25 %

Effective gasoline energy per litre: ****

**Fuel consumption per day**

****

Thus: ****