

Flying planes

This task is about energy transformation.



Some objects such as an aeroplane, have the potential to transfer or transform energy.

Types of energy

chemical potential gravitational potential heat sound kinetic

Use the energy types in the box above to answer the following questions.

- a) What is the main energy change occurring to the chemical potential energy in the aeroplane when it is flying at a constant altitude?

From **chemical potential** energy to

chemical potential/ gravitational potential/ heat/ sound/ kinetic energy. (Select one)

- b) What is one main energy change that occurs when the aeroplane increases height?

From energy to energy.

- c) What is one main energy change that occurs when the aeroplane lands?

From energy to energy.

Published on Assessment Resource Banks (<https://arbs.nzcer.org.nz>)