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# Mission

## Definition

“Confirmation of HEPTA-Sat touchdown through the use of pressure sensor and a sound beacon”

## What is to be done?

- HEPTA-Sat’s landing is to be confirmed upon descent through differentiation of force data and the sounding of a beacon.

## Why?

- While seeking telemetry data from a remote place (say among the rugged mountains), the best we might know of the HEPTA-Sat’s position relative to the ground is through GPS and other general downlink data, but we may not fully know whether it has landed and how.

## How?

- A force sensor (strain gauge) is to be used to sense the impact of the landing and see whether the HEPTA-Sat has landed properly and in a right way. Then a beacon is to be sounded for precise location and recovery.

