Latest from Kourou: Aeolus

Aeolus is the next ESA Earth Explorer mission. Its objective is to provide data on winds.

It will be launched on top of a VEGA from Europe's Spaceport in French Guyane.

Lift of is currently scheduled on 21 August at 18h20 Kourou, 21h20 GMT.

Aeolus is the first space mission to acquire profiles of the wind on a global scale.

These near-realtime observations will improve the accuracy of numerical weather and climate prediction and advance our understanding of tropical dynamics and processes relevant to climate variability.

Although weather forecasts have advanced considerably in recent years, meteorologists have always expressed their need for reliable wind-profile data to further improve accuracy.

ESA’s Aeolus wind mission will demonstrate that measuring global wind-profiles from space, using laser technology, can meet this requirement.

Aeolus is the fifth in the family of ESA’s Earth Explorer missions, which address key scientific challenges identified by the science community and demonstrate breakthrough technology in observing tools.

B-Roll includes :

* Aeolus and Vega launch campaign (Kourou - July August 2018) – duration 05:49.00
* Aeolus Vega timelapse of last preparations (Kourou - August 2018) – duration 01:54.88
* Itw Josef Aschbacher, Director of Earth Observation Programmes, ESA (English/German) – duration 04:52.56
* Itw Martin Kaspers, Product Assurance Manager, Aeolus, ESA (English, French, Dutch) – duration 02:27.40
* Itw Gilles Labruyere, Principal Structure Engineer, Aeolus, ESA (French) – duration 01:27.32