

Video: Launch to Mars

February 17 2016

Animation visualising milestones during the launch of the ExoMars 2016 mission and its cruise to Mars. The mission comprises the Trace Gas Orbiter and an entry, descent and landing demonstrator module, Schiaparelli, which are scheduled to be launched on a four-stage Proton-M/Breeze-M rocket from Baikonur during the 14–25 March 2016 window.

About ten-and-a-half hours after launch, the spacecraft will separate from the rocket and deploy its [solar wings](#). Two weeks later, its high-gain antenna will be deployed. After a seven-month cruise to Mars, Schiaparelli will separate from TGO on 16 October. Three days later it will enter the [martian atmosphere](#), while TGO begins its entry into Mars orbit.

Provided by European Space Agency

Citation: Video: Launch to Mars (2016, February 17) retrieved 25 April 2024 from <https://phys.org/news/2016-02-video-mars.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.