

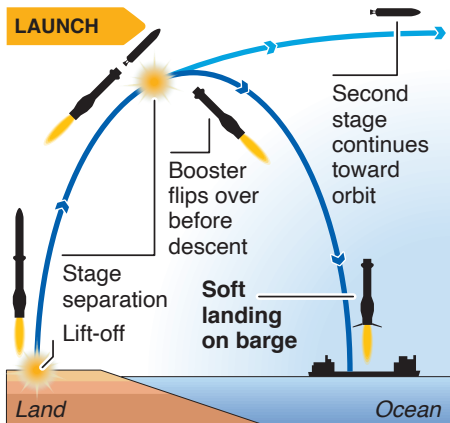
Blue Origin reusable rocket set to launch

Blue Origin, the aerospace company of billionaire **Jeff Bezos**, aims to launch its first **New Glenn** heavy-lift rocket in an attempt to compete with SpaceX in the satellite launch market

Second stage: Powered by two **BE-3U** engines, can carry 45 tonnes of cargo to low Earth orbit

Rocket carries **Blue Ring Pathfinder** – test version of company's vehicle that will deliver payloads in future

LAUNCH



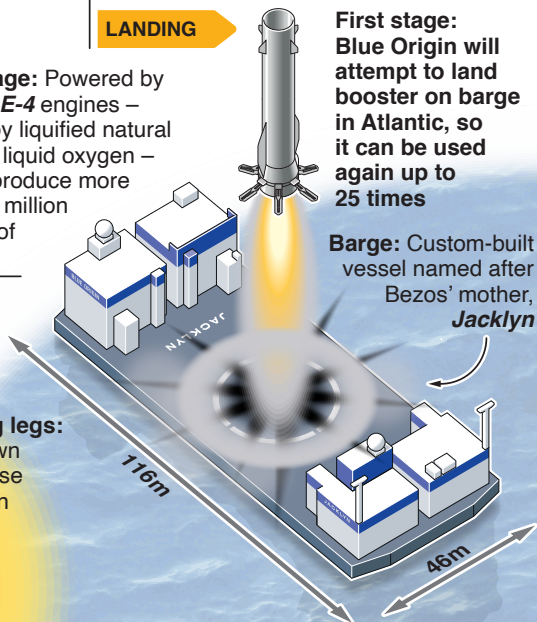
LANDING

First stage: Powered by seven **BE-4** engines – fuelled by liquified natural gas and liquid oxygen – able to produce more than 3.8 million pounds of thrust

First stage: Blue Origin will attempt to land booster on barge in Atlantic, so it can be used again up to 25 times

Barge: Custom-built vessel named after Bezos' mother, **Jacklyn**

Landing legs: Fold down to stabilise rocket on barge



98m

NEW GLENN

BLUE ORIGIN