

# SpaceX rocket landing

SpaceX has successfully landed an unmanned rocket upright, after sending 11 satellites into orbit. It is the second booster to achieve the feat after the smaller New Shepard rocket landed in Texas in November

**Second stage (with composite faring):** Latest mission carried 11 Orbcomm communication satellites

**Hypersonic grid fins (x4):** Unfold during descent to aid stability

**First stage**  
Incorporates nine Merlin engines – fuelled by liquid oxygen and kerosene – able to produce up to 1.5 million pounds of thrust

**Landing legs:** Fold down to stabilise rocket  
**Merlin engines**

