CRS Contract update

• Completed the 12th and final mission under the original CRS-1 contract last month
  • 53,000 lbs of cargo delivered to ISS exceeding the 44,000 lbs requirement
  • 38,000 lbs of cargo returned greatly exceeding the 6,600 lbs requirement
  • 2,000 lbs of unpressurized cargo disposed of (no separate requirement)
• 8 more missions remain under the extended CRS-1 contract
• Minimum of 6 CRS2 missions under IDIQ
Commercial Cargo Reusability

Making the Dragon reusable to expand access to space

• Successful refurbished, launch and recovered the Dragon originally flown for CRS-4 on the CRS-11 mission
• Successfully completed CRS-12 mission on September 17
  • Last “new build” Cargo Dragon vehicle
  • Refurbishing Cargo Dragons for all future missions
SpaceX Launch Vehicle Updates

Falcon 9
- Completed 42 successful launches and 18 landings, 15 launches YTD
  - 2 flights in 2 days
  - 3 flights in 12 days
  - 4 flights in 32 days
- Successful flight of first flight-proven F9 for SES in March
- Successful flight of second flight-proven F9 for BulgariaSat in June

Falcon Heavy
- All three cores have been individually static fired; preparing for an integrated system static fire
- Demo launch scheduled from LC-39A
Falcon 9 Reusability

- 2010: Falcon 9 First Launch
- 2012: Dragon spacecraft delivers and returns cargo from the International Space Station
- 2013: Grasshopper test rig demonstrates vertical take-off and landing
- 2014: First orbital booster to return from space for ocean landing
- 2015: First orbital booster to return from space and land on land
- 2016: First drone ship landing
- 2017: First flight proven launch of an orbital-class rocket

- 18 successful landings
- 11 droneship
- 7 land (LZ-1)
- 11 landings YTD
- 3 Falcon 9 flight proven launches
- As many as 5 more launches this year
SpaceX's has grown U.S. market share in global commercial space launch from 0% in 2010 to over 65% in 2018.