



**FOR IMMEDIATE RELEASE**  
**Dec. 12, 2017**

***New Shepard* Mission 7 Test Flight  
Mission Fact Sheet**

**Mission Overview**

*New Shepard* flew again for the seventh time on Dec. 12, 2017, from Blue Origin's West Texas Launch Site. Known as Mission 7 (M7), the mission featured the next-generation booster and the first flight of Crew Capsule 2.0.

- Crew Capsule 2.0 features large windows, measuring 2.4 feet wide, 3.6 feet tall.
- M7 also included 12 commercial, research and education payloads onboard.

**M7 Mission Details**

- Launch time: 10:59 a.m. CST
- Booster Apogee
  - 322,032 feet (AGL) (98.16 kilometers)
  - 325,702 feet (MSL) (99.27 kilometers)
- Crew Capsule 2.0 Apogee
  - 322,405 feet (AGL) (98.27 kilometers)
  - 326,075 feet (MSL) (99.39 kilometers)
- Maximum ascent velocity: Mach 2.94
- Booster maximum descent velocity: Mach 3.74
- Booster re-ignition: 3,716 feet (AGL)
- Controlled vertical landing of Booster: 6.75 mph
- Deployment of Crew Capsule 2.0 drogue parachutes: 6,463 feet (AGL)
- Landing of Crew Capsule 2.0 under parachutes: 11:10 a.m. CST
- Total mission elapsed time: 10 minutes and 6 seconds

**Attributable Quote**

"Today's flight of *New Shepard* was a tremendous success. It marks the inaugural flight of our next-generation Crew Capsule as we continue step-by-step progress in our test flight program," said Bob Smith, CEO, Blue Origin. "Congratulations to the entire Blue Origin team on a job well done and to our payload customers that gathered important data on the suborbital environment. Gradatim Ferociter."

**Images & Captions**

The following images are approved for use by Blue Origin, please provide photo credit to Blue Origin.

- **Booster Images:**
  - *New Shepard* Booster landing on the pad in West Texas after a successful Mission 7.
    - Blue-Origin-New-Shepard-Mission-7-Booster-Landing-1
    - Blue-Origin-New-Shepard-Mission-7-Booster-Landing-2
    - Blue-Origin-New-Shepard-Mission-7-Booster-Landing-3
- **Crew Capsule 2.0 Images:**
  - *Crew Capsule 2.0* features large windows, measuring 2.4 feet wide, 3.6 feet tall.
    - Blue-Origin-New-Shepard-Mission-7-Crew-Capsule-2.0-Landing-1
  - "*Mannequin Skywalker*" our instrumented test dummy had a great flight.
    - Blue-Origin-New-Shepard-Mission-7-Crew-Capsule-2.0-Landing-2
  - *Checking out Crew Capsule 2.0* after touchdown in West Texas.
    - Blue-Origin-New-Shepard-Mission-7-Crew-Capsule-2.0-Landing-3

**Media Contact**

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