

Beat: Technology

## **SpaceX successfully launched their Crew Dragon Bring manned space flight capabi**

### **Launch of SpaceX Crew Dragon**

Kennedy space center, 02.03.2019, 23:20 Time

**USPA NEWS** - SpaceX falcon 9 and Crew Dragon lifts off without delay on the iconic Launch Complex 39A pad. Crew Dragons CREW DEMO-1 Mission is a demonstration mission to showcase the launch, I.S.S "International Space Station" docking capabilities and return capabilities of the crew capsule named Crew Dragon.

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The atmosphere was alive Saturday morning in Florida as SpaceX falcon 9 and Crew Dragon lifts off without delay on the iconic Launch Complex 39A pad. Crew Dragons CREW DEMO-1 Mission is a demonstration mission to showcase the launch, I.S.S "International Space Station" docking capabilities and return capabilities of the crew capsule named Crew Dragon. This fully automated capsule is transporting about 400 pounds of crew supplies and equipment to the I.S.S as well as carrying a mass simulator and an anthropomorphic test device that will gather data before the 2nd demonstration mission that will carry NASA Astronauts on the space craft.

Crew Dragon features environmental control and life support systems that provide a safe and comfortable environment for crew member as well as a highly reliable launch escape system that can carry its crew to safety at any point during a launch emergency on the pad. The autonomous crew dragon can also dock and undock with the I.S.S all on its own. It is featured with touch screen controls as a backup to the automated system to insure safety of its crew. Crew Dragon also uses an enhance parachute system to safely splash down after its missions.

This marks the beginning of a new era for United States Astronauts which have not launched from the united states for almost 8 years. NASA, before the launch, stating their number one priority is the safety of their astronauts and will be acquiring 2 seats on a Russian space craft just in case SpaceX Crew Dragon is not ready to carry U.S Astronauts on the second demonstration mission.

CREW DEMO-1 Mission also showcased the successful landing of the 1st stage of its Falcon 9 rocket on "Of Course I Still Love You", SpaceX Droneship which was stationed in the Atlantic Ocean.

Docking with the I.S.S is scheduled for March 3rd at approximately 6 A.M EST and will remain docked with the space station for Five days. The Return flight is scheduled for March 8th at 2:30 A.M EST where Crew Dragon will depart the space station, conduct deorbit burn which lasts about 15 minutes and reenter earth's atmosphere and splashdown in the Atlantic Ocean about 35 to 40 minutes later.

#### **Article online:**

<https://www.uspa24.com/bericht-15076/-spacex-successfully-launched-their-crew-dragon-bring-manned-space-flight-capabi.html>

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