**ASTROLAB NEWS**

*26th September-2nd October*

Hi guys we will be covering this weeks enitre space news in this video so stay tuned

***AEROSPACE:***

NASA SLAMS THE DART SPACECRAFT INTO ASTEROID DIMORPHOS IN WORLDS 1st PlANETARY DEFENSE TEST

NASA rolls Artemis I off the launchpad TO THE VEHICLE ASSEMBLY BUILDING to protect it from Hurricane Ian. It's unclear when Artemis I will return to the pad.

Hurricane Ian prompted NASA and SpaceX to push the date of their Crew-5 mission to the International Space Station. The new launch date is no earlier than Oct. 5. It will fly from Pad 39A at the space agency's Kennedy Space Center in Florida

NASA and SpaceX are conducting a six-month feasibility study to assess whether Dragon missions could safely boost the orbit of, and perhaps also otherwise service, the Hubble Space Telescope.

Clear space agency secures a major UK contract to help clean up space.

With drained battery & no fuel, India's Mars Orbiter craft quietly bids adieu- ISRO mentioned this week

***ASTRONOMY:***

# James Webb captures galaxy sparkling with universe’s earliest star clusters

# Jupiter was at opposition on September 27, 2022, closest in 60 years This rare event last occurred in 1963

**ASTROLAB NEWS**

*3rd October-9th October*

Hi guys we will be covering this weeks enitre space news in this video so stay tuned.

***AEROSPACE:***

***Interational News-***

# Novel superconducting magnet thrusters to be tested out on ISS A New Zealand research institute and U.S. commercial firm Nanoracks are combining to send a superconducting magnet technology demonstrator to the International Space Station to test a novel type of space propulsion.

# China fuels final space station module ahead of launch, Mengtian module expected to launch later this October.

# NASA seeks new rockets for hurricane satellite launches after Astra failures

## China launches its first solar observatory ASO-S spacecraft, nicknamed Kuafu-1 to solve mystery of Sun’s eruptions.

# NASA eyes November for launch attempt of much-delayed Artemis 1 mission

# Russian cosmonaut takes to space from US for the 1st time in 20 years despite tensions over Russia’s war in Ukraine.

***National News-***

India's heaviest rocket GSLV-Mk III will make its entry into the global foray on October 22 to launch the British startup OneWeb's 36 broadband satellites from Sriharikota spaceport.

***ASTRONOMY-***

The James Webb Space Telescope captured the birth of a distant solar system in a famous star-birthing Orion nebula.

**ASTROLAB NEWS**

*10th October-16th October*

Hi guys we will be covering this weeks enitre space news in this video so stay tuned.

***AEROSPACE:***

***Interational News-***

NASA’s Juno captured the dark side of Jupiter’s moon during its flyby on Sep. 29. The craft came within 219 miles (352 kilometers) of Europa's surface, obtaining the highest resolution view (below) of this ocean world.

A Long March 2D rocket launches three of China's Yaogan 36 remote-sensing satellites to orbit on Oct. 14, 2022.

SpaceX’s Crew-4's [Dragon](https://www.space.com/18852-spacex-dragon.html) capsule, [named Freedom](https://www.space.com/spacex-crew4-freedom-dragon-name-alan-shepard), splashed down around 4:55 p.m. EDT near Jacksonville, Florida following an [International Space Station](https://www.space.com/16748-international-space-station.html) (ISS) mission, reaching the Atlantic Ocean safely on Friday (Oct. 14).

SpaceX delivered Eutelsat's Hotbird 13F spacecraft to orbit early Saturday morning (Oct. 15).