

# SPACE ECONOMY NEWSLETTER



Recent activity in the space economy. Highlights below are courtesy of [\*\*UFO, THE PROCURE SPACE ETF.\*\*](#)

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## **Pentagon Awards \$1.3 Billion in Satellite Contracts to Northrop Grumman, York**

By Bill McColl

Northrop Grumman\* and York Space Systems\* have a lot to give thanks for. The Space Development Agency talked turkey as it selected the two companies to produce 100 satellites in a contract worth \$1.3 billion. Northrop was given \$732 million to build and run 38 data transport satellites, which will be used for military operations.

Source: [www.investopedia.com](http://www.investopedia.com)

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## **Satellite photos analyzed by the AP show Israeli forces pushed further into Gaza late last week**

By Jon Gambrell

Satellite pictures are keeping the world informed of the latest updates in the war between Israel and Hamas. Images from Planet Labs\* satellites show Israeli troops moving into the Gaza strip in answer to the horrific attack by Hamas.

Source: [www.apnews.com](http://www.apnews.com)

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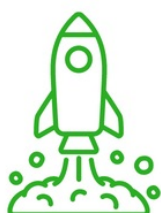
## **China's astronauts grow vegetables in orbit, with an eye on deep space exploration**

By Andrew Jones

There will be no playing on the Moon until you've finished your vegetables. Chinese astronauts successfully harvested lettuce, tomatoes and onions aboard the Tiangong Space Station. Growing vegetables could be helpful next step in China's goal for deep space exploration.

Source: [www.space.com](http://www.space.com)

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## **Space Force awards \$2.5 billion in rocket contracts to SpaceX and ULA for 21 launches**

By Michael Sheetz

While we were busy tracking the latest reality star drama at *Bravocon*, ULA (a joint venture between Boeing\* and Lockheed Martin\*) and SpaceX\* were busy winning Space Force contracts. ULA will get \$1.3 billion to conduct 11 rocket launches, while SpaceX will get \$1.23 billion for 10 launches as part of a national security strategy.

Source: [www.space.com](http://www.space.com)



## Rocket Lab takes on Venus

By Rachael Zisk

2023 might not be over just yet, but Rocket Lab\* already has big plans for the new year. The company intends to launch a spacecraft to Venus by the end of 2024. Together with researchers from the Massachusetts Institute of Technology, Rocket Lab will be conducting the mission to search for proof of life on Venus.

Source: [www.payloadspace.com](http://www.payloadspace.com)



## DoD signs \$270 million agreement to acquire SES satellite communications services

By Sandra Erwin

There were no Cyber Monday or Black Friday discounts when SES\* signed a \$270 million deal with the US Defense Department. SES will provide the DoD with communications services from its satellite constellation, as part of the five-year agreement. US troops will receive broadband services, terminals, field services consultations, training, and more.

Source: [www.spacenews.com](http://www.spacenews.com)



## Japanese researchers just grew mouse embryos in space

By Sharon Adarlo

While most people find mice to be unwelcome guests in their homes, this was not the case for researchers from the Japan Aerospace Space Agency and the University of Yamanashi. The scientists successfully grew mouse embryos on the International Space Station. The findings are another step in proving that humans can reproduce in space.

Source: [www.futurism.com](http://www.futurism.com)

*\*As of November 27th, 2023, Boeing (BA) was a 2.69% holding, Lockheed Martin (LMT) was a 2.80% holding, Northrop Grumman (NOC) was a 2.89% holding, Planet Labs (PL) was a 3.72% holding, Rocket Lab (RKLB) was a 3.66% holding, SES (SES) was a 4.61% holding, SpaceX\* was a 0.00% holding, York Space Systems was a 0.00% holding in the **Procure Space ETF (NASDAQ: UFO).***

**The Procure Space ETF is a global pure-play space ETF. For a complete list of holdings in UFO, visit: <https://procureetfs.com/ufo/>  
Fund holdings and sector allocations are subject to change at any time and should not be considered a recommendation to buy or sell any security.**

For more information on  
UFO The Procure Space ETF(NASDAQ:UFO),  
visit **[www.ProcureETFs.com](http://www.ProcureETFs.com)**.

**Disclosures:**

*Please consider the Funds investment objectives, risks, and charges and expenses carefully before you invest. This and other important information is contained in the Fund's summary prospectus and prospectus, which can be obtained by visiting [procureetfs.com](http://procureetfs.com). Read carefully before you invest. Any investment product, strategy, or product design that is described on the Procure ETF's website may not be suitable for all types of clients.*

***Investing involves risk. Principal loss is possible. The Fund is also subject to the following risks: Shares of any ETF are bought and sold at market price (not NAV), may trade at a discount or premium to NAV and are not individually redeemed from the funds. Brokerage commissions will reduce returns. Aerospace and defense companies can be significantly affected by government aerospace and defense regulation and spending policies.***

***The exploration of space by private industry and the harvesting of space assets is a business based in future and is witnessing new entrants into the market. Investments in the Fund will be riskier than traditional investments in established industry sectors. The Fund is considered to be concentrated in securities of companies that operate or utilize satellites which are subject to manufacturing delays, launch delays or failures, and operational and environmental risks that could limit their ability to utilize the satellites needed to deliver services to customers.***

***A UAP (unidentified aerial phenomena) formerly known as a "UFO" is a flying object that looks or moves unlike any known aircraft. Given that currently there is no identification of these observed phenomena, it is possible that UAPs could create unintentional or deliberate operational, data security, "cyber" and other interference with the operation of satellites and other objects in space. Such activities could result in a significant adverse impact on the Fund's securities, thereby causing the Fund's investment in such portfolio securities to lose value and adversely affecting the Fund's ability to fulfill its investment objectives.***

***Investing in foreign securities are volatile, harder to price, and less liquid than U.S. securities. Securities of small- and mid-capitalization companies may experience much more price volatility, greater spreads between their bid and ask prices and significantly lower trading volumes than securities issued by large, more established companies. The Fund is not actively managed so it would not take defensive positions in declining markets unless such positions are reflected in the underlying index. Please refer to the summary prospectus for a more detailed explanation of the Funds' principal risks. It is not possible to invest in an index.***

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