

# World's first agri-focused satellite prepares for launch from Cape Canaveral

LONDON, UNITED KINGDOM, January 3, 2023 /EINPresswire.com/ -- EOS SAT-1, the first imaging satellite to be built by [Dragonfly Aerospace](#), is preparing for lift off in the next few days from SpaceX's launch site in Cape Canaveral, Florida, as part of the Transporter-6 mission.

The satellite is the first of a seven-satellite constellation in low Earth orbit for customer EOSDA (EOS Data Analytics). The remaining six satellites of the constellation will be deployed over the next three years.



EOS SAT-1, the first imaging satellite to be built by Dragonfly Aerospace

EOS SAT is the world's first agriculture-focused satellite constellation providing the agriculture and forestry industry with high-quality data to support efficient and sustainable practices.

Images obtained from Dragonfly's EOS SAT-1 will deliver valuable information for harvest monitoring, application mapping, seasonal planning and assessments that analyse information such as soil moisture, yield prediction and biomass levels. This data will support growers with reducing carbon dioxide emissions and help them to develop sustainable agricultural methods.

Such information will have important environmental benefits for the planet and help prevent natural habitats from being diminished for crop growth and maintain biodiversity.

Equipped with two [DragonEye](#) electro-optical imagers, EOS SAT-1 will provide 44km swath panchromatic and multispectral imagery across 11 spectral bands at close to 1m resolution – making it one of the most capable imaging satellites in LEO.

[Bryan Dean](#), CEO and Co-founder of Dragonfly Aerospace, said:

"This is a key moment for Dragonfly Aerospace, and we are thrilled to be delivering EOS SAT-1

with a number of firsts – the first imaging satellite designed and built by Dragonfly, the first microsatellite to be manufactured in South Africa since 2009, the first satellite of the EOS SAT constellation and the first agri-focused constellation in space.

“This has been an important project for our whole team and has allowed us to demonstrate our capabilities, not just in producing high-performance electro-optical imagers, but in designing and manufacturing a full imaging satellite system. We are extremely excited and waiting in anticipation for the SpaceX Transporter-6 launch.”

“We look forward to supporting EOSDA with its mission to launch the next six satellites by 2025.”

To view the launch live, which is scheduled for 09.56 ET / 14.56 GMT January 3rd, 2023, please use the following link <https://www.spacex.com/launches/index.html>

Please note that the launch time and date is subject to change.

ENDS

Notes to editor

For media enquiries please contact:

dragonfly@curzonpr.com / rebecca@curzonpr.com (+44 7476 102531)

About Dragonfly Aerospace

Dragonfly Aerospace is a leading provider of Earth-observation optical payloads and satellite platforms.

It was founded in 2019 by a group of experienced aerospace engineers led by CEO Bryan Dean and is based in Stellenbosch, South Africa. It has a state-of-the-art 3000m<sup>2</sup> design and manufacturing facility and is a proven global provider of space technology hardware. Dragonfly's extensive customer base includes EOS Data Analytics, NanoAvionics, Spire, UKRI, ZfT, EnduroSat, Loft Orbital, and Pixxel.

The company's highly experienced team have been at the forefront of South Africa's uniquely successful aerospace industry since the launch of the country's first earth-observation satellite in 1999, through to the most recent satellite launch in 2018 and imager launch in 2022. Team members have worked on every South African microsatellite mission.

Anton Chmykhun  
Dragonfly Aerospace  
+380 67 562 3769

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/609267988>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.