

JULY-SEPTEMBER 2025

# AEROSPACE — AMERICA —

## Eyes IN THE skies

**How small drones  
could make a big  
difference against  
wildfires. PAGE 24**

### INSIDE THE ISSUE:

Introducing our crossword puzzle **7**

Will AAM transform travel? **18**

Goddard Centennial: his early research **30**

Keeping humans alive on orbit **34**

AIAA on the workforce shortage **44**







## ROCKET LAB

Rocket Lab's "Full Stream Ahead" mission lifted off from its Launch Complex 1 in Mahia, New Zealand, at 11:57 a.m. NZST on 3 June, successfully deploying a Gen-3 satellite by BlackSky to a 470 km circular Earth orbit and further expanding the company's low Earth orbit constellation. This was Rocket Lab's 65th Electron rocket.

PHOTO: ROCKET LAB