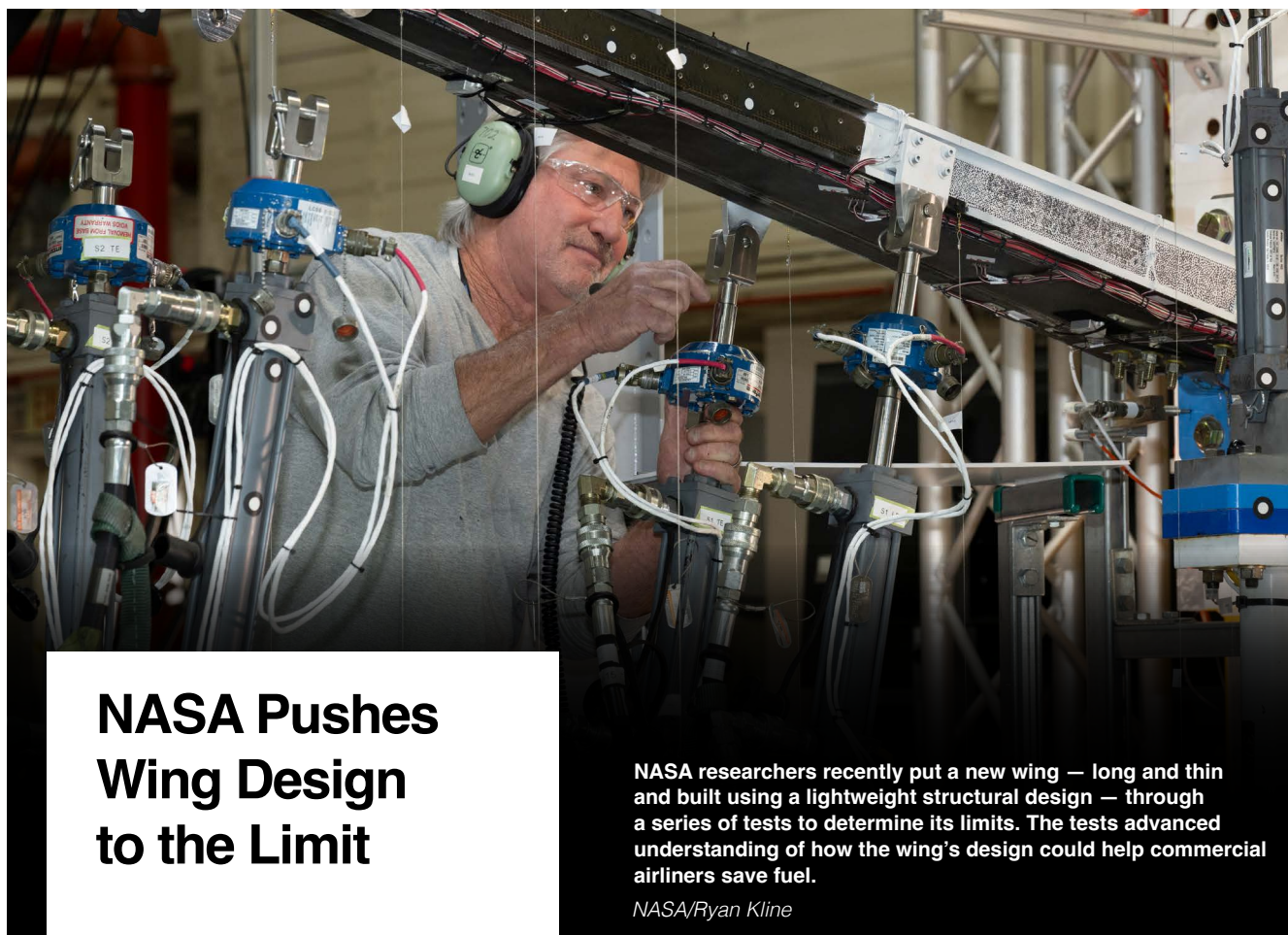


X-PRESS

ARMSTRONG FLIGHT RESEARCH CENTER

Edwards, California, August 2026



NASA Pushes Wing Design to the Limit

NASA researchers recently put a new wing — long and thin and built using a lightweight structural design — through a series of tests to determine its limits. The tests advanced understanding of how the wing's design could help commercial airliners save fuel.

NASA/Ryan Kline



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NASA Uses Subscale Aircraft to Accelerate Innovation



NASA/Christopher LC Clark

Testing new aerospace concepts in flight remains one of NASA's most effective ways to advance knowledge and reduce risk.

The Dale Reed Subscale Flight Research Laboratory at NASA's Armstrong Flight Research Center in Edwards, California, supports this mission by using small, remotely piloted and autonomous aircraft as cost effective platforms to mature innovative ideas, accelerate learning, and enable smooth transitions to full-scale flight.

When experiments require a flight platform, several NASA remotely piloted aircraft are used. Each staff member is an experienced and certified subscale aircraft pilot and is prepared to fly one-of-a-kind or modified aircraft wherever the mission requires.

NASA Photographer Captures Images over Washington



NASA/Jim Ross

NASA flight photographers capture history from a perspective few ever experience, getting a rare bird's-eye view of the agency's missions in action. Their photos document key NASA research and give the public a front-row seat to the work happening behind the scenes.

Jim Ross, a photographer at NASA's Armstrong Flight Research Center in Edwards, California, flew over Washington during the Fourth of July celebration to document a NASA flyover commemorating America's 250th birthday. He's captured some of the agency's most exhilarating milestones, like early SR-71 flights, the delivery flight of Space Shuttle Endeavour to Los Angeles, and first flights of NASA's X-59 quiet supersonic research aircraft.



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