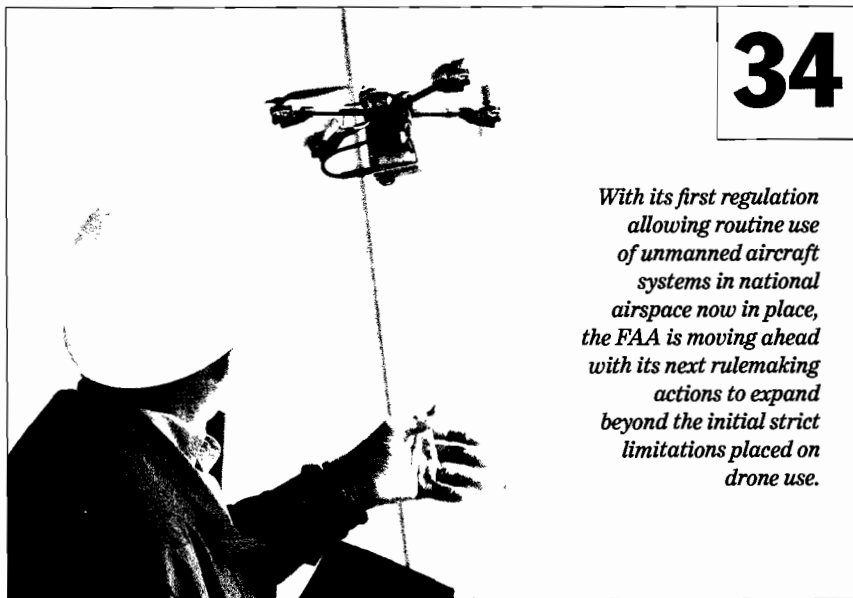


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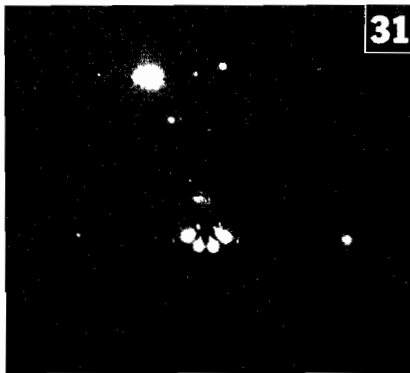
With its first regulation allowing routine use of unmanned aircraft systems in national airspace now in place, the FAA is moving ahead with its next rulemaking actions to expand beyond the initial strict limitations placed on drone use.

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- 38 **NASA is using** the world's largest spacecraft welding tool to build the first SLS flight structure

ON THE COVER

Welders inside a liquid hydrogen tank for NASA's Space Launch System (SLS) at the Michoud Assembly Facility in New Orleans plug holes left where a rotating pin tool entered and exited the metal during tank assembly. A special report on the SLS begins on page 36. NASA photo by Steve Seipel. Also in this issue, China's new propulsion organization (page 45), FAA's small UAS regulation (page 34) and the U.S. Air Force's program crunch (page 50).

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