



Boeing to build all-electric propulsion satellite for SES

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EL SEGUNDO, Calif., 19 Feb. 2015. Boeing [NYSE:BA] will build for SES S.A. a new, all-electric 702SP satellite that will enable SES's airline customers to provide in-flight entertainment and connectivity (IFEC) over North America, Central America, and the Caribbean.

This is the 12th satellite in more than 25 years that Luxembourg-based SES has ordered from Boeing, and the first of the all-electric propulsion satellites.

"The procurement of SES-15 will strengthen our position in the important North American government and mobility markets," says Martin Halliwell, chief technical officer, SES. "The hybrid payload with wide beams and high throughput capacity gives aeronautical, maritime and governmental customers unprecedented flexibility to develop next-generation data services."

Boeing will build SES-15 in El Segundo. The satellite, scheduled for delivery in 2017, will include up to an 8-kilowatt payload. SES-15 will be a Ku- and Ka-band satellite.

"We designed the 702SP satellite to meet our customer's mission requirements as efficiently as possible by reducing the spacecraft mass to take advantage of low cost launch vehicles while maximizing the revenue-generating capability of the payload," explains Mark Spiwak, president, Boeing Satellite Systems International, Inc.

A unit of The Boeing Company, Defense, Space & Security is a large manufacturer of military aircraft. Headquartered in St. Louis, Defense, Space & Security is a \$31 billion business with 53,000 employees worldwide.

<http://www.intelligent-aerospace.com/articles/2015/02/boeing-to-build-all-electric-propulsion-satellite-for-ses.html>