BOEING 787-10 DREAMLINER BEGINS MAJOR ASSEMBLY

News / Manufacturer

Major assembly of the first Boeing 787-10 Dreamliner is underway, the latest major milestone in the development of the newest member of the super-efficient 787 family. Boeing partner Kawasaki Heavy Industries, Ltd. began installing the circular frames into the midforward section of the fuselage on March 14, a full two weeks ahead of schedule.

"Beginning major assembly early underscores the commitment, discipline and performance of the entire Boeing and partner team worldwide," said Ken Sanger, vice president of 787 Airplane Development, Boeing Commercial Airplanes. "We are taking all the right steps to ensure we integrate the 787-10 into the production system smoothly."

As a straightforward stretch of the 787-9, which entered service in 2014, Boeing designed the 787-10 for both superior efficiency and maximum commonality. Ninety-five percent of the design and build of the 787-10 and 787-9 will be identical, reducing complexity, cost and risk across the entire

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production system while providing operational benefits to customers.

The 787-10, which will undergo final assembly at Boeing South Carolina in North Charleston, will set a new benchmark in efficiency when deliveries begin in 2018. With a robust range capability covering more than 90 percent of the world's twin-aisle routes, the 787-10 will deliver 25 percent better fuel use and emissions than the airplanes it will replace and at least 10 percent better than anything being offered by the competition in the future.

To date, the 787-10 has won 153 orders from nine leading customers around the world, accounting for 13 percent of all 787 orders.

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