

### FIT FOR LIFE

Fatigue testing of a 787 Dreamliner test airframe began last month at Boeing's Everett, Wash., site. Over the next three years, for seven days a week, engineers will apply loads to the Dreamliner airframe to simulate more than 100,000 flights, with every flight, or cycle, to include a takeoff and landing. "Unlike static tests, where loads are applied to the airplane structure to simulate both normal operation and extreme flight conditions, fatigue testing is a much longer process that simulates up to three times the number of flight cycles an airplane is likely to experience during a lifetime of service," said Jim Ogonowski, structures vice president, Commercial Airplanes.

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