William E. Boeing  Industry Pioneer

**Born:** October 1, 1881 in Detroit

**Education:** Yale University, Sheffield School of Sciences, 1899–1902

**Headed West:** To the Washington coast in 1903 to enter the timber and lumber business; moved to Seattle in 1908 and bought the Heath Shipyard

**First Flight:** 1914 over Lake Washington, as a passenger

**Plane Builder:** Built/flew first plane; incorporated company on July 15, 1916

**First International Mail Delivery:** Boeing and Eddie Hubbard flew the C-700 on the first international mail delivery from Vancouver, British Columbia, Canada, to Seattle on March 3, 1919

**World War I:** Built 50 planes for the Navy

**Mail Delivery:** In 1927 won US Mail contract for the Chicago to San Francisco route; built 24 Model 40A planes to carry mail and two passengers. Formed Boeing Air Transport to run the new airline.

**Passenger Plane:** First flight of the 12-passerger Model 80 biplane on July 1, 1928

**Expansion:** Boeing Airplane and Transport Corporation became United Aircraft and Transport Corporation (UATC) in 1929 and absorbed other aviation companies.

**Federal Action:** In 1934 new regulations forced airline companies to separate flight operations from development and manufacturing. UATC separated into three companies, including The Boeing Company and United Airlines.

**Retired:** In 1934 Boeing divested himself of company ownership and retired to focus on property development and thoroughbred horse breeding.

**Dash-80 Rollout:** On May 15, 1954 attended the Dash-80 rollout; his wife Bertha christened the plane.

**Died:** September 28, 1956 in Seattle
Department of Aeronautics & Astronautics Milestones

1917: Bill Boeing donates funds to the UW to build a wind tunnel
1917: First course in airplane structures taught by the civil engineering department
1918: The UW Boeing Wind Tunnel opens
1929: The Department of Aeronautical Engineering officially opened its doors
1930: Dedication of the Daniel J. Guggenheim Aeronautics Hall
1930: The UW awards the first five Bachelor of Science in Aeronautical Engineering degrees
1936: A second, much larger wind tunnel is completed, and later named for Professor Fred Kirsten
1937: Rose Lunn, graduates top of her class, and is the first female awarded the aeronautical engineering degree
1946: The Master of Aeronautical Engineering degree is first offered
1959: The PhD degree is first offered
1962: The department adds “Astronautics” to its name
1969: The Aerospace Research Laboratory building opens
2002: The first female faculty member, Kristi Morgansen, joins the department.
2012: The department is named for William E. Boeing

Boeing Commercial Airplanes Milestones

1919: The Boeing Airplane Co. B-1 mail plane, the first Boeing-designed commercial aircraft, makes its first flight
1939: The Boeing Model 314 Clipper is approved by the Civil Aeronautics Authority for commercial service by Pan American Airways
1957: The first production Boeing Model 707-120 Jet rolls out at Renton
1967: The Model 737 makes its first flight
1970: The Boeing 747 makes its first commercial flight from New York to London for Pan American
1988: The first Boeing 767-300ER (extended range) is delivered to American Airlines
1994: The Boeing 777 twinjet rolls out
2009: The 787 Dreamliner makes its first flight from Paine Field in Everett

Education Fund Honors Joseph F. Sutter “Father of the 747”

Just as the 747 is iconic, so is one of UW Engineering’s most accomplished and beloved alumni, Joe Sutter. In his honor, a permanent fund will support undergraduate scholarships, senior design projects, and K-12 engineering outreach in the William E. Boeing Department of Aeronautics & Astronautics.

A $50,000 leadership gift from The Boeing Company was liftoff for a campaign goal of $300,000. Former Boeing executives Bob Davis (MS MSE ’64) and John Roundhill (MS ME ’73, BS ME ’67) are leading this effort. Many of Joe’s friends and colleagues have already contributed to the fund and you can join them in honoring Joe by making a gift. Each gift will be leveraged by a dollar for dollar match.

To learn more, contact: Megan Ingram at mkingram@uw.edu
Give Online at: www.uw.edu/giving/sutter