

Early Aviators Information Table

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
Clément Ader	4 th Feb 1841 5 th Mar 1925	France	Science Design Construction Manufacture Aviator	First brief uncontrolled powered flight ("hop") for 50 m), 20 cm from the ground in steam-powered <i>Éole</i> (9 th Oct 1890), designed, constructed and tested <i>Ader Avion II</i> (1893) and <i>Ader Avion III</i> (14 th Oct 1897).
Diego Marín Aguilera	1757 1799	Spain	Science Design Construction	Reportedly glided c. 400 m distance at c. 5 m height using his own invention (15 th May 1793).
John Alcock† and Arthur Brown	5 th Nov 1892 18 th Dec 1919 and 23 rd Jul 1886 4 th Oct 1948	England (Great Britain) Scotland (Great Britain)	Aviator	First non-stop transatlantic flight in a modified Vickers Vimy (14/15 th June 1919); (†) Vickers Viking, Rouen, France
Aldasoro brothers Juan Pablo and Eduardo	14 th Sep 1893 4 th Oct 1962 and 27 th Oct 1894 10 th Nov 1968	Mexico	Science Design Construction	First Mexican aviators to graduate from the Moissant School; Juan Pablo was the first to fly over the Statue of Liberty (12 th Mar 1913). They also contributed to improve aerodynamics by designing a "thick wing" long before other inventors.

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
Ismail ibn Hammad al-Jawhari†	unknown c. 1005	Kazakhstan	Design Construction Aviator	(†) attempted flight from the roof of the Nishapur Mosque in Khorosan (c. 1005).
Feng Ru†	12 th Oct 1883 25 th Aug 1912	China (United States, China)	Design Construction Aviator	Often called the "Father of Chinese Aviation", Feng Ru designed, built, and flew the first Chinese-made airplane in Oakland, California in 1909. He returned to China in 1911 to support the Xinhai Revolution, where he continued aircraft development. (†) Died in an air accident during a demonstration flight in Guangzhou, China, in 1912.
Frederick W. "Casey" Baldwin	2 nd Jan 1882 7 th Aug 1948	Canada	Design Construction Manufacture Aviator	Chief Engineer, Aerial Experiment Association (1907–09); first powered flight by a Canadian in the <i>Red Wing</i> (12 Mar 1909); co-designer <i>Red Wing</i> (1908), <i>White Wing</i> (1908), and <i>Silver Dart</i> (1909); with J.A.D. McCurdy (ormed the Canadian Aerodrome Company (1909), Canada's first aircraft manufacturing company.
Juan de la Cierva	21 st Sep 1895 9 th Dec 1936	Spain	Aviator and aeronautical engineer	Invented the autogyro (9 th Jan 1923). De la Cierva's flapping hinge overcame the problems of early rotor-winged flight.
Alexander Graham Bell	3 rd Mar 1847 2 nd Aug 1922	Scotland (United States) (Canada)	Science Design Construction Support	Founder and chair, Canadian-American aeronautical research group Aerial Experiment Association (AEA) (30 th Sep 1907 – 31 st Mar 1909); in 1908 and 1909, the AEA designed, constructed, and flew four powered aircraft:

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
				the <i>Red Wing</i> , <i>White Wing</i> , <i>June Bug</i> , and <i>Silver Dart</i> .
Mabel Bell	25 th Nov 1857 3 rd Jan 1923	United States (United States) (Canada)	Support	Financial sponsorship, Aerial Experiment Association (1907–09).
Giuseppe Mario Bellanca	19 th Mar 1886 26 th Dec 1960	Italy (Italy) (United States)	Design Construction Manufacture	Bellanca Flying School (1912–16); designed first enclosed monoplane cabin (1917); founded Bellanca Aircraft Company (1927).
Oskar Bider [†]	12 th Jul 1891 7 th Jul 1919	Switzerland	Aviator Support	First crossing of the Pyrenees (24 th Jan 1913); Swiss airmail flight (9 th Mar 1913); first crossing of the Alps (13 th May 1913); (†) Nieuport 21, Dübendorf, Switzerland.
Louis Blériot	1 st Jul 1872 1 st Aug 1936	France	Design Construction Manufacture Aviator	First airplane (Blériot VII) with a modern layout : monoplane, conventional tail, fully covered fuselage, front propeller / enclosed engine (1907. First to use a combination of hand/arm-operated joystick and foot-operated rudder control. ¹ First heavier-than-air crossing of the English Channel in a Blériot XI (25 th Jul 1909). First actual industrial aircraft manufacturer - By the end of September 1909, orders had been received for 103 Blériot type XI.
Herbert G. Brackley	4 th Oct 1894	England United States Japan	Aviator	First flight from Newfoundland to New York (1919); organised the Japanese Naval Air Arm (1921-

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
	15 th Nov 1948			1924); first Air Superintendent of Imperial Airways (1924)
Eduardo Bradley	9 th Apr 1887 3 rd Jun 1951	Argentina	Design Construction Aviator	First crossing of the Andes in a (coal gas-filled) balloon (24 th Jun 1916); set numerous ballooning records: duration (28 hours 10 minutes); distance 900 km (559 mi).
Marcel Brindejonc des Moulinais†	18 th Feb 1892 18 th Aug 1916	France	Aviator	Finished first in the Geisler Challenge Trophy (1913); long distance champion ; (†), Vadelaincourt, France (shot down).
Artur de Sacadura Cabral†	23 rd May 1881 15 th Nov 1924	Portugal	Aviator	Director, Naval Aviation Services (1918); first aerial crossing of the South Atlantic with Gago Coutinho using a Fairey III-D (30 th Mar – 17 th Jun 1922); († disappeared) , English Channel crossing.
George Cayley	27 th Dec 1773 15 th Dec 1857	England	Science Design Construction	Experimented in aeronautics at age 13 with a Chinese top (1796); first design of a fixed-wing aircraft (1799); used a whirling arm to test aerofoils at varying angles (1804); presented a paper outlining specific design parameters for building a glider (1810); ¹ designed, constructed, and had flown (short hop) a tri-plane (1849).
Giuseppe Ceit	25 th Jan 1889	Italy (Italy) (France)	Aviator	Flew around the Eiffel tower (19 th Mar 1911); (†) (Bleriot airplane), near Puteaux, France.

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
	28 th Mar 1911			
Hezârfen Ahmed Çelebi	1609 1640	Turkey	Design Construction Aviator	Reportedly achieved sustained unpowered flight for 3.36 km (2 mi) (c. 1638).
Lagari Hasan Çelebi	17 th century	Turkey	Design Construction Aviator	Reported to have achieved flight (20 seconds to an elevation of roughly 300 meters) using a winged rocket powered by gunpowder (c. 1630s).
Henri Coandă	7 th Jun 1886 25 th Nov 1972	Romania (France) (Great Britain) (Romania)	Science Design Construction	Designed Coandă-1910 with a propeller-less aero-reactive engine, exhibited Paris Air Show (Oct 1910), followed by a claimed but generally discounted first flight (16 th Dec 1910); designed the Bristol-Coanda Monoplanes in Great Britain; discovered Coandă effect (1930).
Samuel Franklin Cody†	6 th Mar 1867 7 th Aug 1913	United States (United States) (Great Britain)	Design Construction Aviator	Developed and flew human-lifting kites; kite instructor for the Royal Engineers (1904); aided development of the British Army Dirigible No 1 <i>Nulli Secundus</i> (1907); first flight of a piloted airplane in Great Britain (16 th Oct 1908, 1,390 ft); issued Royal Aero Club certificate No.10 (14 th Jun 1910); (†) Cody Floatplane, with passenger William Evans, Aldershot, England.
Alfred Comte	4 th Jun 1895	Switzerland	Design Manufacture	Swiss pilot's licence (1908); partner and chief pilot Ad Astra

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
	1 st Nov 1965			Aero (1920); designed and built aircraft (1923–35)
Gago Coutinho	17 th Feb 1869 18 th Feb 1959	Portugal	Aviator	First aerial crossing of the South Atlantic using a Fairey III-D with Artur de Sacadura Cabral (30 th Mar – 17 th Jun 1922); developed a sextant-type instrument to create an artificial horizon.
Glenn Curtiss	21 st May 1878 23 rd Jul 1930	United States (United States) (Canada)	Design Construction Manufacture Aviator	Director of Experiments, Aerial Experiment Association (1907–09); designed the <i>June Bug</i> (1908) and won the Scientific American Trophy (4 th Jul 1908) by making the first official one-kilometre flight in North America; co-designer <i>Red Wing</i> (1908), <i>White Wing</i> (1908), and <i>Silver Dart</i> (1909); founded his own company (1909) which became the Curtiss Aeroplane and Motor Company (1916); designed, built, and flew the first successful flying-boat (12 th Jan 1912); established Canada's first aviation training school in Toronto (1915); awarded the Langley Gold Medal (1913).
Giacomo D'Angelis	1844 unknown	France (India)	Design Construction Aviator	First reported flight in Asia (Madras, India) (10 th Mar 1910) in a self-constructed biplane.
Félix du Temple	18 th Jul 1823 4 th Nov 1890	France	Science(?) Design Construction Aviator	With his brother, built a monoplane which (accelerating down a slope) “staggered briefly into the air” (1874), considered by some to be the first powered

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
				take-off ¹ or hop of a powered fixed-wing aircraft.
Bertram Dickson	21 st Dec 1873 28 th Sep 1913	United Kingdom	Aviator	First British serviceman to fly [1910]; gained Aero-Club de France licence no. 81 on 12 th April. Dickson took part in the Lanark flying meet in August 1910, where he won the £400 prize for the greatest aggregate distance flown. (†) died 1913 of injuries from 1910 midair collision
Armand Dufaux and Henri Dufaux	13 th Jan 1883 17 th Jul 1941 and 18 th Sep 1879 25 th Dec 1980	Switzerland	Design Construction Aviator	Working together patented a design for a helicopter (1904), constructed and demonstrated a working model (13–17 th Apr 1905); designed and built the first Swiss airplanes, including the biplane <i>Dufaux 4</i> and <i>Dufaux 5</i> ; Armand set a new over-water distance record of 66 km (41 mi) crossing Lake Geneva (28 th Aug 1910).
J. W. Dunne	1875 24 th Aug 1949	Ireland	Science Design Construction Aviator	Discussed aeronautics and aviation with H.G. Wells (c. 1901); member Royal Engineers, working on design and construction of the first British military airplane (1906–08); in secret military trials, and with a career goal of improving stability during flight, Dunne's aircraft flew approximately 40 metres (1908); ¹ development of his V-shaped swept wing design.

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
Amelia Earhart†	24 th Jul 1897 7 th Jul 1937	United States	Aviator Support	First female aviator to fly solo across the Atlantic Ocean and set many other records; she was one of the first aviators to promote commercial air travel, wrote best-selling books about her flying experiences, and was instrumental in the formation of The Ninety-Nines, an organization for female pilots. (†) disappeared during a flight on a Lockheed Electra 10E from Lae Airfield to Howland Island.
Eilmer of Malmesbury	c. 984	unknown	Design Construction Aviator	Reportedly flew 200 metres from a tower using rigid wings (c. 1005).
Eugene Ely†	21 st Oct 1886 19 th Oct 1911	United States	Aviator	First airplane (Curtiss Model D) take-off from a ship (USS <i>Birmingham</i> (14 th Nov 1910); first landing (Curtiss Model D) on a ship (USS <i>Pennsylvania</i>) using a tailhook (18 th Jan 1911); (†) , Macon, Georgia, flight exhibition.
August Euler	20 th Nov 1868 1 st Jul 1957	Germany	Design Manufacture Aviator	Built Voisin Freres aircraft (1908); first German pilot's license (1909); German flight duration record (3hr 6min 18sec) (1910).
Ernest Failloubaz	27 th Jul 1892 14 th May 1919	Switzerland	Construction Aviator Support	Constructed and piloted the first aircraft in Switzerland (10 May 1910); first Swiss pilot's licence (10 th Oct 1910).
Henry Farman	26 th May 1874	France	Design Construction	Winner (in the Voisin-Farman No.1) of the Deutsch-Archdeacon Prize (13 th Jan 1908); with brothers Richard and Maurice

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
	17 th Jul 1958		Manufacture Aviator	founded Farman Aviation Works (1908).
Ferdinand Ferbert†	8 th Feb 1862 22 nd Sep 1909	France	Design Construction Aviator Support	Attempted (unsuccessfully) to replicate the Wright 1901 Glider from photographs; designed a series of aircraft (Ferber I through Ferber IX) for the Antoinette Company; designed, constructed, and flew the first tractor configuration biplane (May 1905); (†) Voisin biplane, Boulogne, France.
Anton "Anthony" Fokker	6 th Apr 1890 23 rd Dec 1939	Dutch East Indies (Germany) (Netherlands) (United States)	Design Construction Manufacture Aviator(?)	Designed, built, and flew the "Spin" (31 st Aug 1911); involved with the Luftstreitkräfte during WWI; constructed a machine gun synchronizer (22 nd Apr 1915), leading to an aviation period known as the Fokker Scourge; founded the US-based Atlantic Aircraft Corporation (1924)
Gerrit Johannes Geysendorffer	1 st April 1892 26 th Jan 1947	Netherlands	Aviator	First Dutch licensed airline transport pilot (1921); awarded the 1926 Harmon National Trophy for the Netherlands; captain of the first intercontinental charter flight (1927).
Lyman Gilmore Jr	11 th Jun 1874 18 th Feb 1951	United States	Design Construction	(Based largely on self-report and a 1936 interview) Tethered glider flight (1893); free glider flight (1894); (claimed in 1927) controlled steam-powered aircraft flight (15 May 1902); all records, papers, and aircraft were destroyed in a fire; opened first

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
				commercial airfield (15 th Mar 1907).
Tryggve Gran	20 th Jan 1888 8 th Jan 1980	Norway Great Britain	Aviator	First flight across the North Sea (30 th Jul 1914), four hours ten minutes from Cruden Bay, Scotland to Klep (near Stavanger), Norway in a Blériot monoplane.
René Grandjean	12 Nov 1884 14 Apr 1963	Switzerland	Design Construction Aviator	Designed and built aircraft for Ernest Failloubaz and his record-setting flight (1910); first snow take off and landing using skis (2 nd Feb 1912); first water take off in a Swiss seaplane (4 th Aug 1912).
Andrea Grimaldi	c. 1701	Italy	Design Construction	Italian monk reported to have flown from Calais to London in a bird-shaped airship with a 22-foot wingspan (Oct 1751).
Patrick Hamilton†	3 rd Jun 1882 6 th Sep 1912	Great Britain	Aviator	Early aviator, joined Royal Flying Corps ((†) when the Deperdussin Monoplane he was flying with his observer Athole Wyness-Stuart from Wallingford to Hitchin, England, crashed.
Lawrence Hargrave	29 th Jan 1850 6 th July 1915	United Kingdom (Australia)	Science Design Construction Aviator	Invented the Box Kite (1893), greatly improving lift to drag ratio. Reached lift of 16 feet under a train of four of his box kites (1894). Invented a rotary engine (1889), which was much used in early aviation.
Augustus Moore Herring	3 rd Aug 1867	United States	Design Construction	Assisted S.P. Langley (May – Nov 1895); test pilot for Octave Chanute; designed the Herring regulator; designed and

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
	17 th Jul 1926			constructed a compressed-air motorized biplane and reported a 15-metre hop (10 th Oct 1898) and a 22-meter hop (12 Oct 1898); business partner with Glenn Curtiss (1909).
Howard Hughes	24 th Dec 1905 5 th Apr 1976	United States	Design Manufacture Aviator Support	Producer of film Hells Angels (1930); founded Hughes Aircraft (1932); set record for flying around the world (91 hours) in a Lockheed Super Electra (1938); received the Congressional Gold Medal (1939) for achievements in aviation.
Vecihi Hürkuş	6 th Jan 1895 16 th Jul 1969	Turkey	Design Construction Aviator	Constructed and flew (15 minutes) the first airplane in Turkey (Vecihi K-VI) (28 th Jan 1925); founded Turkey's first flying school (27 Sep 1932).
Abbas Ibn Firnas	810 887	Spain	Design Construction Aviator	A 9th-century polymath covered himself with feathers and wings, and “flew faster than the phoenix in his flight when he dressed his body in the feathers of a vulture” (c. 875).
Karl Jatho	3 rd Feb 1873 8 th Dec 1933	Germany	Design Construction Aviator	Made an “aerial leap” (18 metres) in a powered airplane (18 th Aug 1903);
Hugo Junkers	3 rd Feb 1859 3 rd Feb 1935	Germany	Science Design Construction Manufacture	Engineer, thermodynamicist, pioneer developer of practical all-metal airframe structures, first used in the 1915-16 Junkers J 1, using all-cantilever structural concepts meant to place all

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
				strength-bearing components within an airframe's outer envelope and established all-metal aircraft manufacturing techniques.
Wilhelm Kress	29 th Jul 1836 24 th Feb 1913	Russia (Austria)	Science Design Construction Aviator	Developed a successful rubber-band powered model of a hang glider (1877); designed aircraft control stick (1900); executed short hops over water in his Drachenflieger (1901).
Francesco Lana de Terzi	1631 1687	Italy	Science Design	Designed an airship based on the theory of using evacuated metal spheres to create a lighter-than-air vehicle (1670).
Samuel Langley	22 nd Aug 1834 27 th Feb 1906	United States	Science Design Construction	Designed and developed the Aerodrome No. 5 as a successful steam engine powered model which flew for 90 seconds covering roughly 3,300 ft (6 th May 1896); conversion into a larger piloted aircraft was unsuccessful (1903).
Stephen Latchford	4 th Feb 1883 1 st Oct 1974	United States	Science Support	United States diplomat, head of State Department's early aviation committees; aviation specialist during Franklin D. Roosevelt and Harry S. Truman administrations. Also Chairman of United States Section at the International Technical Committee of Aerial Legal Experts.
Otto Lilienthal†	23 rd May 1848	Germany	Science Design Construction	Designed and constructed a monoplane Derwitzer Glider (1891); after nearly 2,000 flights

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
	10 th Aug 1896		Manufacture Aviator	he constructed a two-surfaced glider (1895); (†) Glider crash (9 th Aug 1896), Gollenberg, Germany.
Charles Lindbergh	4 th Feb 1902 26 th Aug 1974	United States	Aviator Support	First solo non-stop flight across the Atlantic Ocean from New York to Paris in the <i>Spirit of St. Louis</i> (20/21nd May 1927).
Mikhail Lomonosov	19 Nov 1711 15 Apr 1765	Russian Empire	Science Design Construction	Designed and constructed a model of a coaxial propeller helicopter (Jul 1754) to lift meteorological instruments.
Albin K. Longren	18 th Jan 1882 19 th Nov 1950	United States	Aviator Design Manufacture	Early pilot (1911) and barnstormer. Designed and manufactured numerous airplane models including the Longren AK with the first semi-monocoque body.
William S. Luckey†	15 th Feb 1875 20 th Dec 1915	United States	Aviator	Began flying at age 52 (1912); Curtiss Exhibition Flyers (1913–15); winner, Round-Manhattan Race (13 th Oct 19130; (†) critically injured (6 th Sep 1915) in Sturgeon Falls, ON, Canada.
Daniel J. Maloney†	1879 18 th July 1906	United States	Aviator	American pioneering aviator and test pilot who made the first high-altitude flights by man using Montgomery gliders in 1905. (†) Glider, Santa Clara, California.
Hiram Stevens Maxim	5 th Feb 1840 24 th Nov 1916	United States (United Kingdom)	Science Design Construction	Patented a design for a steam-powered “flying machine” (1889, and refined in 1891); successful track-tethered test of a steam-engine powered biplane (Jul

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
				1894); designed and constructed a biplane that never flew (1910)
John Alexander Douglas McCurdy	2 nd Aug 1886 25 th Jun 1961	Canada	Design Construction Manufacture Aviator	Treasurer & Assistant Engineer, Aerial Experiment Association (1907–09); first controlled powered flight in Canada "Silver Dart" (23 rd Feb 1909; with "Casey" Baldwin (and financial support from Alexander Graham Bell) formed the Canadian Aerodrome Company, Canada's first aircraft manufacturing company.
Walter Mittelholzer	2 nd Apr 1894 9 th May 1937	Switzerland	Science Aviator Support(?)	Director and head pilot of Ad Astra Aero, later becoming Swissair; first north-south crossing of Africa (7 th Dec 1926 – 21 st Feb 1927; ¹ pioneer of aerial photography (Spitsbergen, 1923; Mount Kilimanjaro, 1929; personally flew/delivered a Fokker to Emperor Haile Selassie I (1934).
John Joseph Montgomery†	15 th Feb 1858 31 st Oct 1911	United States	Science Design Construction Aviator	Designed and constructed a series of early gliders, first to achieve unpowered controlled flight in the United States (1884). Designed tandem-wing gliders flown from high-altitude balloon launches (1904–1905), including first public flight exhibition in United States (29 th April 1905). Developed pitcheron systems for control (first developed and applied in 1886, re-applied in

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
				1911); (†) Glider, Evergreen, California.
Edwin Moon†	8 th Jun 1886 29 th Apr 1920	England	Design Construction Aviator	Designed, constructed, and flew a monoplane ("Moonbeam") (early to mid-1910); (†) Flying boat, Felixstowe, England.
J. T. C. Moore-Brabazon	8 th Feb 1884 17 th May 1964	England	Aviator	Holder of Royal Aero Club Certificate No. 1. First United Kingdom citizen to make a flight in Britain.
Alexander Mozhayskiy	21 st Mar 1825 1 st Apr 1890	Finland	Science Design Construction	Designed and constructed a steam-engine powered airplane that reportedly flew (hopped) (20–30 metres) with the assistance of a ramp (1884).
Clyde Pangborn	28 th Oct 1895 29 th Mar 1958	United States	Aviator	First non-stop trans-Pacific flight (5 th Oct 1931).
Cecil Pashley	14 th May 1891 1969	Great Britain	Flight trainer Aviator	Founded the South Coast Flying club. Trained British pilots during world War I and World War II.
Richard Pearse	3 rd Dec 1877 29 th Jul 1953	New Zealand	Design Construction Aviator	Reportedly achieved powered (but poorly controlled) flight (31 st Mar 1903).
Horatio Phillips	1845 1924	England	Science Design Construction	Aeronautic theory: advancement of wind-tunnel design (1880s), development of aerofoil design, patented as "blades for deflecting air" (1884 and 1891); designed <i>multiplanes</i> with multiple sets of

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
				lifting surfaces, patented (1890), constructed (1893); first powered "hop-flight" (500 ft) in Great Britain (1907).
Percy Pilcher†	16 th Jan 1866 1 st Oct 1899	England	Science Design Construction Aviator	Designed and constructed hang-glider (<i>The Bat</i>), first to achieve unpowered controlled flight in Great Britain (12 th Sep 1895); (†) crash-related injuries suffered on 30 th Sep 1899, glider (<i>The Hawk</i>), near Stanford Hall, England.
John Cyril Porte	26 th Feb 1884 22 nd Oct 1919	Ireland (Ireland) (Great Britain)	Design Construction Manufacture Aviator	Aero Club de France aviator certificate (28 th Jul 1911); test pilot (1913–14); began to design and construct (with Glen Curtiss) an aircraft capable of transatlantic flight (1914); testing was successful, but the flight was cancelled due to the outbreak of World War I. Royal Naval Air Service, Squadron Commander, RAF Hendon (1914); secret U.S. visit as an official envoy testing aircraft for the British Government (Sep 1915). Commander, RNAS Airstation Felixstowe, conducted flying-boat research; designed and constructed the <i>Porte Baby</i> (1916).
Augustus Post	25 th Dec 1873 4 th Oct 1952	United States	Flying Supporting	Original founder of Aero Club of America which later became the National Aeronautic Association. Thirteenth man to fly solo, in 1908. Served as aid to Glenn Curtiss and co-authored <i>The Curtiss Aviation Book</i> published in

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
				1912. Participated in Aerial Experiment Association. Served as official timer for Orville Wright's record setting 57 min. flight at Ft. Myer, Virginia on 9 th Sep, 1908.
Harriet Quimby†	11 th May 1875 1 st Jul 1912	United States	Aviator	Pioneering aviator, journalist, and film screenwriter. In 1911, first woman in the United States to receive a pilot's license; 1912 first woman to fly solo across the English Channel. (†) in the Third Harvard-Boston Air Meet, Harvard Aviation Field, Quincy, Massachusetts, both her and a passenger fell from plane to their deaths.
Edvard Rusjan†	6 th Jun 1886 9 th Jan 1911	Austria-Hungary (Slovenia) (Croatia)	Design Construction Aviator	Designed, constructed, and flew the first airplane in Slovenia (25 th Nov 1909); (†) , Belgrade, Serbia; first Serbian air exposition.
Charles Samson	8 th July 1883 5 th Feb 1931	United Kingdom	Aviator	One of the first four British naval officers to train as a pilot; first to fly an airplane (a Short S.27 biplane) off a <i>moving</i> ship (HMS <i>Hibernia</i> (May 1912); commanded a sqn. Of armoured cars in France 1914.
Alberto Santos Dumont	20 th Jul 1873 23 rd Jul 1932	Brazil (France)	Science Design Construction Manufacture Aviator Support	Winner, Deutsch Prize (19 th Oct 1901); first powered winged aircraft flight in Europe (13 th Sep 1906); winner, Archdeacon Cup (23 rd Oct 1906) and Aéro-Club de France Prize (12 th Nov 1906); designed a light-weight monoplane Demoiselle and released the second variant (No.

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
				20) from copyright or license (late 1909).
Ivan Sarić	27 th Jun 1876 23 rd Aug 1966	Austria-Hungary (Serbia)	Design Construction	First public flight in Serbia (then Austro-Hungary) (16 th Oct 1910).
Thomas Selfridge†	8 th Feb 1882 17 th Sep 1908	United States (United States) (Canada)	Design Construction Aviator	Secretary, Aerial Experiment Association (1907–09; U.S. Army Lieutenant who assisted the AEA in engineering, designing and piloting the <i>Red Wing</i> ; first U.S. Military officer to pilot a powered aircraft <i>White Wing</i> (19 May 1908); [†] first fatality of powered flight (17 th Sep 1908).
Igor Sikorsky	25 th May 1889 26 th Oct 1972	Russian Empire (Russia) (United States)	Science Design Construction Manufacture Aviator	Designed and constructed the first four-engine aircraft, the <i>Russky Vityaz</i> cabin biplane, flew (13 th May 1913); and the <i>Ilya Muromets</i> , prototype for a commercial airplane (1914); first brief flight in a practical helicopter (14 th Sep 1939).
Sir Charles Kingsford Smith†	9 th Feb 1897 8 th Nov 1935	Australia (Great Britain) (United States) (Australia)	Aviator	First transpacific flight from the United States to Australia in the <i>Southern Cross</i> (31 st May – 9 th Jun 1928); first non-stop Australian transcontinental flight (Aug 1928); first trans-Tasman flight (10/11 th Sep 1928); († disappeared) <i>Lady Southern Cross</i> , over the Bay of Bengal.
Sir Thomas Sopwith	18 th Jan 1888	England	Design(?) Construction	Royal Aero Club license No. 31 (22 nd Nov 1910); won £4000 Baron de Forest prize for the

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
	27 th Jan 1989		Manufacture Aviator	longest flight from England to the Continent in a British-built aeroplane, (169 miles (272 km) in 3 hours 40 minutes) in a Howard Wright 1910 Biplane (18 th Dec 1910); established the Sopwith Aviation Company with Fred Sigrist (1912); and a Sopwith floatplane won the second Schneider Trophy race 1913). The company produced more than 18,000 aircraft during World War I. Post war co-founded Hawker Aircraft.
Eduard Spelterini	2 nd Jun 1852 16 th Jun 1931	Switzerland (France) (Switzerland) (Denmark)	Science Aviator	Licensed by the <i>Académie d'Aérostation météorologique de France</i> as a balloon pilot (1877); Swiss pioneer of ballooning and aerial photography; multiple crossings of the Alps; assisted in medical research (1902).
Emile Taddéoli†	8 th Mar 1879 24 th May 1920	Switzerland	Design Construction Aviator	Swiss flight certificate No.2 (10 th Oct 1910); pioneer of flying boats (SIAI S.13); chief seaplane pilot for Ad Astra Aero; first seaplane crossing of the Alps (12 th Jul 1919); (†) (Savoia flying boat) demonstration flight, Romanshorn, Switzerland.
Shivkar Bapuji Talpade	1864 1916	India	Design Construction	Reportedly launched an unmanned airplane (<i>Marutsakhā</i>) (1895)
Czesław Tański	17 th Jul 1862	Poland	Science Design	First successful model glider in Poland (1894); first glider flight in

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
	24 th Feb 1942		Construction Aviator	Poland (1896); first biplane flight (1911).
Nicholas A. Teleshov	1828 1895	Russia	Science Design Construction	Received patent (with Gustave de Struve) for a steam-engine powered “flying machine” capable of carrying 120 people (i.e., commercial passenger aircraft) (1864), and for a navigable balloon (1883).
E. Lilian Todd	1865 26 th Sep 1937	United States	Designer Construction	First female aircraft designer (c. 1906).
Juan Trippe	27 th Jun 1899 3 rd Apr 1981	United States	Manufacture(?) Support	Founded several airlines including Colonial Air Transport (1926) and the Aviation Corporation of the Americas (1927) which would become Pan American Airways.
Jules Védrintest	21 st Dec 1881 21 st Apr 1919	France	Aviator	First pilot to fly at more than 100 miles per hour (160 km/h) (2nd Feb 1912), won Gordon Bennett Trophy race in 1912 flying a Deperdussin Monocoque. (†) St Rambert d'Albon near Lyon en route for Rome flying a Caudron C-23.
Alfred V. Verville	16 th Nov 1890 10 th Mar 1970	United States	Design Manufacture Support	Designed the Verville-Packard R-1 (1919), which won the first Pulitzer Speed Trophy (1920); the M-1 Messenger (1921); the Verville-Sperry R-3 (1922), the second aircraft with retractable landing gear (after the Dayton-Wright RB-1 Racer); member, U.S.

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
				Navy Bureau of Aeronautics (1946–61).
Aurel Vlaicu†	19 th Nov 1882 13 th Sep 1913	Romania	Design Construction Aviator	Designed, built, and flew a glider (1909); a powered airplane Vlaicu Nr. I (17 th Jun 1910); (†) Vlaicu Nr. II, near Câmpina, attempting to cross the Carpathian Mountains in flight for the first time. Vlaicu Nr. III, the world's first metal-built aircraft, was under construction at the time of his death, but was completed in early 1914 by his collaborators.
Gabriel Voisin	5 th Feb 1880 25 th Dec 1973	France	Design Construction Manufacture Aviator	With brother Charles, built gliders for Ernest Archdeacon (1902); designed and constructed the first French powered aircraft (Voisin 1907 biplane) to achieve sustained controlled flight (1 st Oct 1907); founded Appareils d'Aviation Les Frères Voisin, the first aircraft manufacturing company (1906).
Traian Vuia	17 th Aug 1872 3 rd Sep 1950	Romania (France)	Design Construction Aviator(?)	Flight in tractor monoplane (France) (6 th Mar 1906).
Preston Watson†	17 th May 1880 30 th Jun 1915	Scotland	Design Construction Aviator	On the eve of the 50th anniversary of the Wright Brothers' historic flight (1953) and thirty-eight years after Watson's death, his brother James claimed that Preston had achieved powered flight before the Wrights. He recanted in 1955

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
				stating he had never claimed it was powered flight.
Francis Herbert Wenham	1824 1908	United Kingdom	Science Constructor	The first scientist to deduce the main properties of cambered aerofoil. Built gliders and with John Browning the world's first wind tunnel in 1871.
John Weston	17 th Jun 1872 24 th Jul 1950	South Africa	Design Construction Flying Support	Regarded as "the grandfather of South African aviation" and "South Africa's first aviator"; 1907 to 1909, designed and constructed first aircraft built in South Africa; founder of Aeronautical Society of South Africa (AeSSA); 1911 to 1912, gave numerous flying demonstrations throughout southern Africa to popularise flight.
Gustave Whitehead (Weißkopf)	1 st Jan 1874 10 th Oct 1927	Germany (United States)	Design Construction Aviator	Designed and constructed a powered airplane (mid 1901); claims to have made the first (1899), second (14 th Aug 1901), and third (17 th Jan 1902); controlled powered airplane flights. This claim has long since been in dispute.
Jan Wnęk	1828 10 th Jul 1869	Poland	Design Construction	Allegedly designed, constructed, flew a controllable glider (1866).
Wright brothers Orville	19 th Aug 1871 30 th Jan 1948 and	United States	Science Design Construction Manufacture	Together, designed and constructed biplane kite (1899); invented wing warping for flight control (c. 1899) and the aeronautical concept of three-axis

A non-comprehensive list of aviation pioneers, some you will know, some you will not

Name	Date of birth - Date of death	Country birth (Country where worked)	Pioneer	Achievements
and Wilbur	16 th Apr 1867 30 th May 1912		Aviator Support	control. Designed and constructed the 1900, 1901, and 1902 Gliders; and the powered 1903 Flyer; used data from systematic wind tunnel testing to design efficient air foils and propellers; first powered, controlled, sustained flight (Orville) for 12 seconds covering 37 metres (17 Dec 1903) and documented; (Wilbur) first complete circle in a powered manned airplane (20 th Sep 1904); (Wilbur) Wright Flyer III circular flight of 38.9 km (24 m) (23 rd Jun 1905).
Czesław Zbierański	6 th Dec 1885 31 st May 1982	Poland (Poland) (United States)	Design Construction Aviator(?)	With Stanisław Cywiński designed and constructed Poland's first airplane (May 1911), flown (25 th Sep 1911).