

Bristol Brabazon



Bristol 167 Brabazon Mk. 1

Length	54 metres
Wingspan	70 metres
All-up Mass (weight)	130,000 kg
Top Speed	300 mph
Maximum Range	5,500 miles
Number of Engines	8
First Flew (oldest wins)	Sept. 1949

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Britannia



Bristol Type 175 Britannia 253

Richard Vandervord

Length	37.9 metres
Wingspan	43.6 metres
All-up Mass (weight)	185,000 kg
Top Speed	397 mph
Maximum Range	4,270 miles
Number of Engines	4
First Flew (oldest wins)	Aug. 1952

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Boxkite



Bristol Boxkite Civil version

Length	11.7 metres
Wingspan	10.5 metres
All-up Mass (weight)	408 kg
Top Speed	40 mph
Maximum Range	50 miles
Number of Engines	1
First Flew (oldest wins)	July 1910

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Freighter



Bristol 170 Freighter Mk. 31

Mike Freer

Length	21.9 metres
Wingspan	29.8 metres
All-up Mass (weight)	16,556 kg
Top Speed	236 mph
Maximum Range	820 miles
Number of Engines	2
First Flew (oldest wins)	Dec. 1945

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Blenheim



Bristol 149 Blenheim Mk IV

Richard Seaman

Length	13.0 metres
Wingspan	17.2 metres
All-up Mass (weight)	6,545 kg
Top Speed	266 mph
Maximum Range	1,460 miles
Number of Engines	2
First Flew (oldest wins)	Sept. 1937

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Fighter F2b



Bristol Type 14 Fighter F2b

Simon Thomas

Length	7.8 metres
Wingspan	12.0 metres
All-up Mass (weight)	1,270 kg
Top Speed	125 mph
Maximum Range	370 miles
Number of Engines	1
First Flew (oldest wins)	Oct. 1916

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Beaufighter



Bristol Type 156 Beaufighter TFX

Patrick Destandes

Length	12.6 metres
Wingspan	17.7 metres
All-up Mass (weight)	11,350 kg
Top Speed	320 mph
Maximum Range	1,470 miles
Number of Engines	2
First Flew (oldest wins)	July 1939

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Concorde



Aérospatiale - BAC Concorde G-BOAF

David Hall

Length	61.7 metres
Wingspan	25.6 metres
All-up Mass (weight)	186,880 kg
Top Speed	1,450 mph
Maximum Range	4,500 miles
Number of Engines	4
First Flew (oldest wins)	April 1969

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol M1.C



Bristol Type 20 Monoplane M1.C
Andy Leonard

Length	6.2 metres
Wingspan	9.3 metres
All-up Mass (weight)	589 kg
Top Speed	130 mph
Maximum Range	180 miles
Number of Engines	1
First Flew (oldest wins)	July 1916

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Bulldog



Bristol Type 105 Bulldog Mk Ila

Length	7.5 metres
Wingspan	10.3 metres
All-up Mass (weight)	1,586 kg
Top Speed	174 mph
Maximum Range	275 miles
Number of Engines	1
First Flew (oldest wins)	May 1927

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Belvedere + Bloodhound Missile



Bristol 192 Belvedere Helicopter

Length	16.6 metres
Wingspan (rotors)	14.9 metres
All-up Mass (weight)	8,600 kg
Top Speed	150 mph
Maximum Range	400 miles
Number of Engines	2
First Flew (oldest wins)	July 1958

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Sycamore



Bristol 171 Sycamore HC14
Richard Vandorford

Length	18.6 metres
Wingspan (rotors)	14.8 metres
All-up Mass (weight)	2,540 kg
Top Speed	132 mph
Maximum Range	330 miles
Number of Engines	1
First Flew (oldest wins)	July 1947

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Bombay

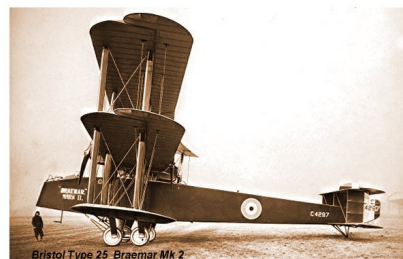


Bristol Type 130 Bombay
J.P. Player

Length	21.1 metres
Wingspan	29.2 metres
All-up Mass (weight)	9,173 kg
Top Speed	192 mph
Maximum Range	2,230 miles
Number of Engines	2
First Flew (oldest wins)	June 1935

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Braemar



Bristol Type 25 Braemar Mk 2

Length	15.7 metres
Wingspan	24.9 metres
All-up Mass (weight)	8,170 kg
Top Speed	125 mph
Maximum Range	1,000 miles
Number of Engines	4
First Flew (oldest wins)	Aug. 1918

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Scout C



Bristol Type 1 Scout C
Ivan Berryman

Length	6.0 metres
Wingspan	7.4 metres
All-up Mass (weight)	434 kg
Top Speed	95 mph
Maximum Range	230 miles
Number of Engines	1
First Flew (oldest wins)	Feb. 1914

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Babe



Bristol Type 20 Babe Mk 1
David Hall

Length	4.5 metres
Wingspan	5.9 metres
All-up Mass (weight)	309 kg
Top Speed	85 mph
Maximum Range	150 miles
Number of Engines	1
First Flew (oldest wins)	Nov. 1919

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Tourer



Bristol Type 27 Tourer

Length	7.9 metres
Wingspan	12.0 metres
All-up Mass (weight)	1,360 kg
Top Speed	128 mph
Maximum Range	400 miles
Number of Engines	1
First Flew (oldest wins)	Jan. 1919

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Beaufort



Bristol Type 152 Beaufort Mk 1

BAC/Rolls-Royce

Length	13.5 metres
Wingspan	17.6 metres
All-up Mass (weight)	9,629 kg
Top Speed	272 mph
Maximum Range	1,600 miles
Number of Engines	2
First Flew (oldest wins)	Oct. 1938

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol High-Altitude Monoplane



Bristol Type 138A High-Altitude Monoplane

Mark Davies

Length	13.4 metres
Wingspan	20.1 metres
All-up Mass (weight)	2,414 kg
Top Speed	123 mph
Maximum Range	250 miles
Number of Engines	1
First Flew (oldest wins)	May 1936

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Brigand



Bristol Type 164 Brigand B Mk 1

Valom Kits

Length	14.2 metres
Wingspan	22.1 metres
All-up Mass (weight)	17,320 kg
Top Speed	358 mph
Maximum Range	2,100 miles
Number of Engines	2
First Flew (oldest wins)	Dec. 1944

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Buckingham



Bristol Type 163 Buckingham

Valom Kits

Length	14.3 metres
Wingspan	21.9 metres
All-up Mass (weight)	15,000 kg
Top Speed	336 mph
Maximum Range	2,300 miles
Number of Engines	2
First Flew (oldest wins)	Feb. 1943

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Bloodhound



Length	8.5 metres
Wingspan	2.8 metres
All-up Mass (weight)	2,270 kg
Top Speed	1,900 mph
Maximum Range	115 miles
Number of Engines	6
First Flew (oldest wins)	June 1953

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Britain First



Bristol Type 142 "Britain First"

Bristol AirChive

Length	12.2 metres
Wingspan	17.1 metres
All-up Mass (weight)	3,950 kg
Top Speed	307 mph
Maximum Range	1,250 miles
Number of Engines	2
First Flew (oldest wins)	April 1935

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Bristol Type 188



Bristol Type 188 Research Aircraft

Length	23.7 metres
Wingspan	10.7 metres
All-up Mass (weight)	18,200 kg
Top Speed	1,350 mph
Maximum Range	600 miles
Number of Engines	2
First Flew (oldest wins)	April 1962

Designed with help from Pupils of Shield Road Primary School, Filton, Bristol.
Produced by the Bristol Aero Collection with support from MLA South-West.

Centenary Trumps



Bristol

100 Years of the
Aircraft Industry
at Filton, Bristol
1910 - 2010



Centenary Trumps



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Instructions for Making your Set of Bristol Centenary Cards

You will need:-

- ✈ a printer that can print both sides of the paper
- ✈ A4 paper that is suitable for printing both sides
- ✈ an A4 laminator and laminating pouches
- ✈ an A4 or larger trimmer (quicker) or large sharp scissors
- ✈ a pair of nail clippers to trim the corners (or scissors)

1. Do a trial sheet with page 1 on one side and page 4 on the other.
2. Check it has come out OK – look through it with a light behind to see if it matches.
3. You may need to adjust the margins a bit to get the front and back to match.
4. When it's right, print the 3 sheets with Pages 1 and 4, Pages 2 and 4, Pages 3 and 4, so you have a set of 3 double sided sheets. Print out Page 5 for the instructions if you like.
5. Then laminate the sheets.
6. Cut out the cards on the inside line with the curved corners.
7. You can use a trimmer for the straight sides then do the corners after with scissors or nail trimmers,...
8. Or cut round the line with scissors.

For a longer-lasting job, you can cut out the cards from the printed sheets one at a time and laminate them so they can be cut out again with a small border of sealed laminating plastic all round. This takes a lot longer, but if they are played with a lot, it will stop them peeling apart too easily.

If in trouble, you can email:- BACEducation@flyers.org.uk

How to Play Bristol Centenary Cards

How to play the game of **Centenary Cards**

Deal out all 24 cards to 2, 3 or 4 players. The player on the left of the dealer turns over their top card and picks the property that will win. Each player turns over their top card and the winner collects the cards and adds them to the bottom of their pack. The winner starts the next round, and so on, until one player has won all the cards.

Try other Games, or make up a new one:-

Snap! Decide what you will call 'snap' on - it could be the same number of wings, or engines, or aircraft that first flew in the same decade (eg 1910-1919; 1920 - 1929; 1930 - 1939; 1940 - 1949; 1950 - 1959; 1960 - 1969).

Sorting Game Sort the cards in date order of first flight, or top speed, size or range (how far they could fly). Look for patterns in the other properties.

Aircraft in the pack:- Boxkite, Scout C, M.1C, Fighter F2b, Braemar, Tourer, Babe, Bulldog, Britain First, Bombay, High-Altitude Monoplane, Blenheim, Beaufort, Beaufighter, Buckingham, Brigand, Freighter, Sycamore, Brabazon, Britannia, Bloodhound missile, Belvedere, Type 188, Concorde.

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