

# Wright Brothers

## Wilbur & Orville

1867-1912

1871-1948



## Howard & Warwick

1867-1945

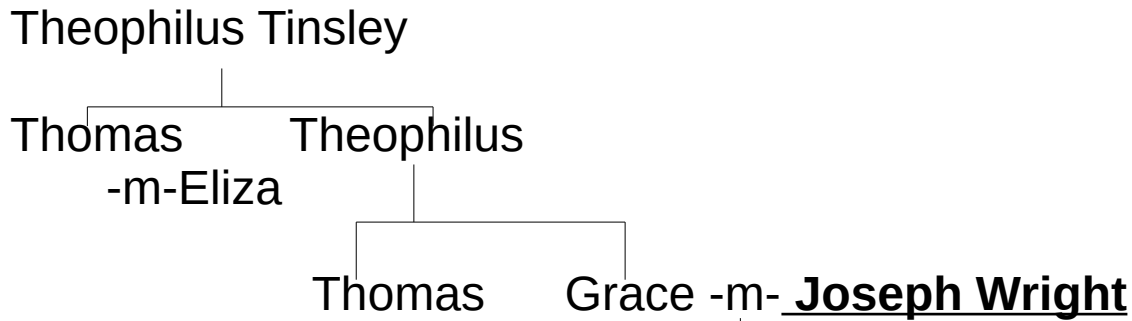
1876-1945



**BUILT FIRST PLANE  
TO FLY IN BRITAIN**  
—  
Col. Warwick Wright, D.S.O.,  
Also Made First Practicable  
Flight



# Black Country Origins



Howard Theophilus Wright  
1867



Walter S. Wright  
1872

Joseph Warwick Wright  
1876



"Wright's Patent  
Heater & Condenser  
Company"



# Young Mechanical Engineers

Joseph Wright d. 1893

- business continued by the widow and sons.
- water softening and purification.

Howard T. Wright – 5 patents, 1894-1896.

Joseph W. Wright – 2 patents, 1898.

Insolvency 1898

Enter Hiram Maxim

(Steam powered aircraft)

Howard Wright works with Maxim on aviation experiments until 1904.

Warwick Wright employed by Vickers-Maxim – possibly on automobiles.

"Wright's Patent  
Heater & Condenser  
Company"

(The OFFICIAL RECEIVER'S Department )  
RE WRIGHT'S PATENT HEATER AND CONDENSER COMPANY —Under the failure of Walter S., Grace E., and Howard T. Wright, trading under the above style at Lambeth and George-street, Westminster, a statement of affairs has been lodged, disclosing total liabilities, 14,389*l.*, of which 9013*l.* are expected to rank, and estimated net assets 985*l.* 15*s.*—The meeting of Creditors stands adjourned to July 6.



# New Ventures

After 1903 - Warwick Wright opens motor dealership (initially with Walter)  
Deals in Minerva cars.



Warwick Wright soon associates with C.S. Rolls and John Moore-Brabazon. Expensive lifestyle?

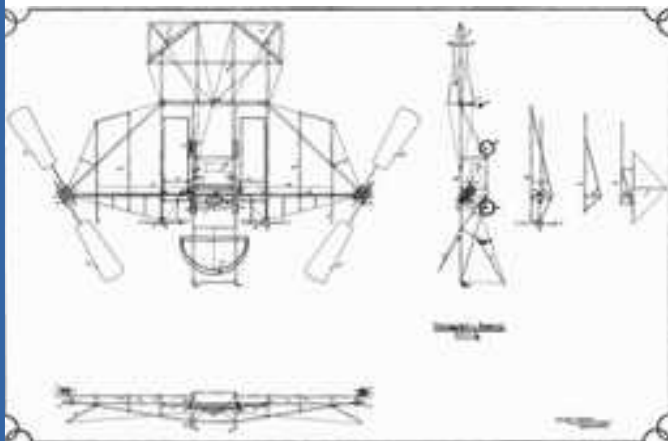
1905 Howard Wright joins Warwick Wright.

## 1905 – 1908 Howard Wright's activities

Briefly in electricity generation  
– invented a gas / hot air turbine. (Short-lived Company)  
Patented a carburettor.



From 1907, built several helicopters for Federico Capone, with success.



1908 Establishes production workshop at Battersea and begins first biplane.

# 1905 – 1908 Warwick Wright's activities

Minerva, Darracq, Metallurgique and Van den Plas franchises

With Rolls and Brabazon, orders a balloon, "Venus" from Short Brothers.

Soon well established in motor racing:

1906 – Isle of Man TT, a speed record at Saltburn

1907 – Brooklands competitor.

1908 – French Grand Prix, Dieppe – drives for Austins; Metallurgique TT entries

Also Speed Boat racing – including 1908 Olympics.

1908 – learns to fly with Brabazon in France



Source: gettyimages.fr / Bibliothèque nationale de France



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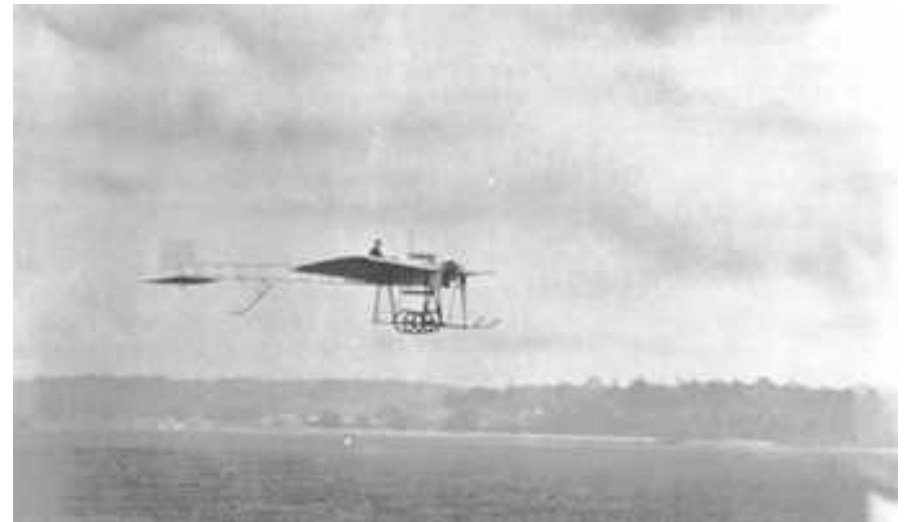
# Howard Wright – early aircraft

**AEROPLANES** BRITISH THROUGH-OUT, ILLUSTRATED CATALOGUE ON APPLICATION.



**SMALL MONOPLANE.**  
LIFTING TAIL TYPE.  
Standard Monoplanes from £125 to £450.  
Biplanes from £350 to £550 without motor.

See Exhibit on **Stand 74.** HOWARD T. WRIGHT,  
110, High St., Manchester Square, W.  
Works: Battersea. Telephone 8574 Gerrard.



# Howard Wright 1910 Biplane

Welded metal construction, using drawn steel tubing. Most other constructors were still using wood or bamboo.

Oval sections to reduce wind resistance

Ailerons, not wing warping

Contra-rotating coaxial propellers

Meticulous attention to shaping and surface finish to reduce wind resistance.


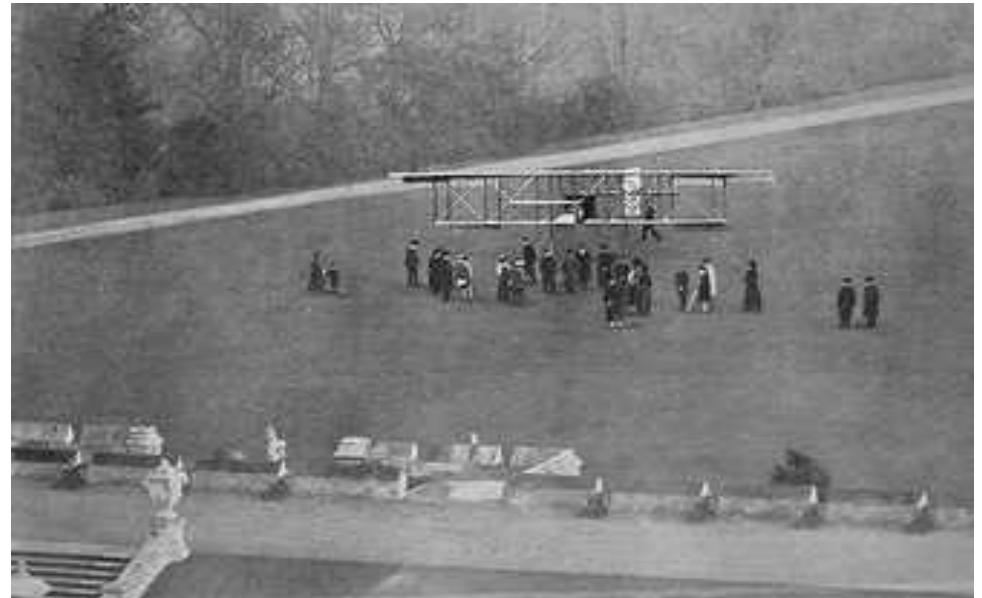
A production system which would allow build-to-order in two weeks.

(and d-i-y build-from-plan !)

British Engines – ENV

Good handling – especially for beginners

# Sopwith and the Howard Wright



**BARON DE FOREST PRIZE.**  
Mr. T. SOPWITH, winner, used a  
**HOWARD T. WRIGHT**  
**BIPLANE**

Standard Monoplanes from £125 to £450.  
Biplanes from £350 to £550 without motor.  
WRITE FOR CATALOGUE.  
HOWARD T. WRIGHT, 110, High St., Manchester Sq., W.  
Telephone: 874 Gerrard. Works: Battersea.

1911 Profitable USA Tour with the Howard Wright and a Bleriot Monoplane  
1912 Set up Sopwith Flying School



# Claude Graham-White Wedding



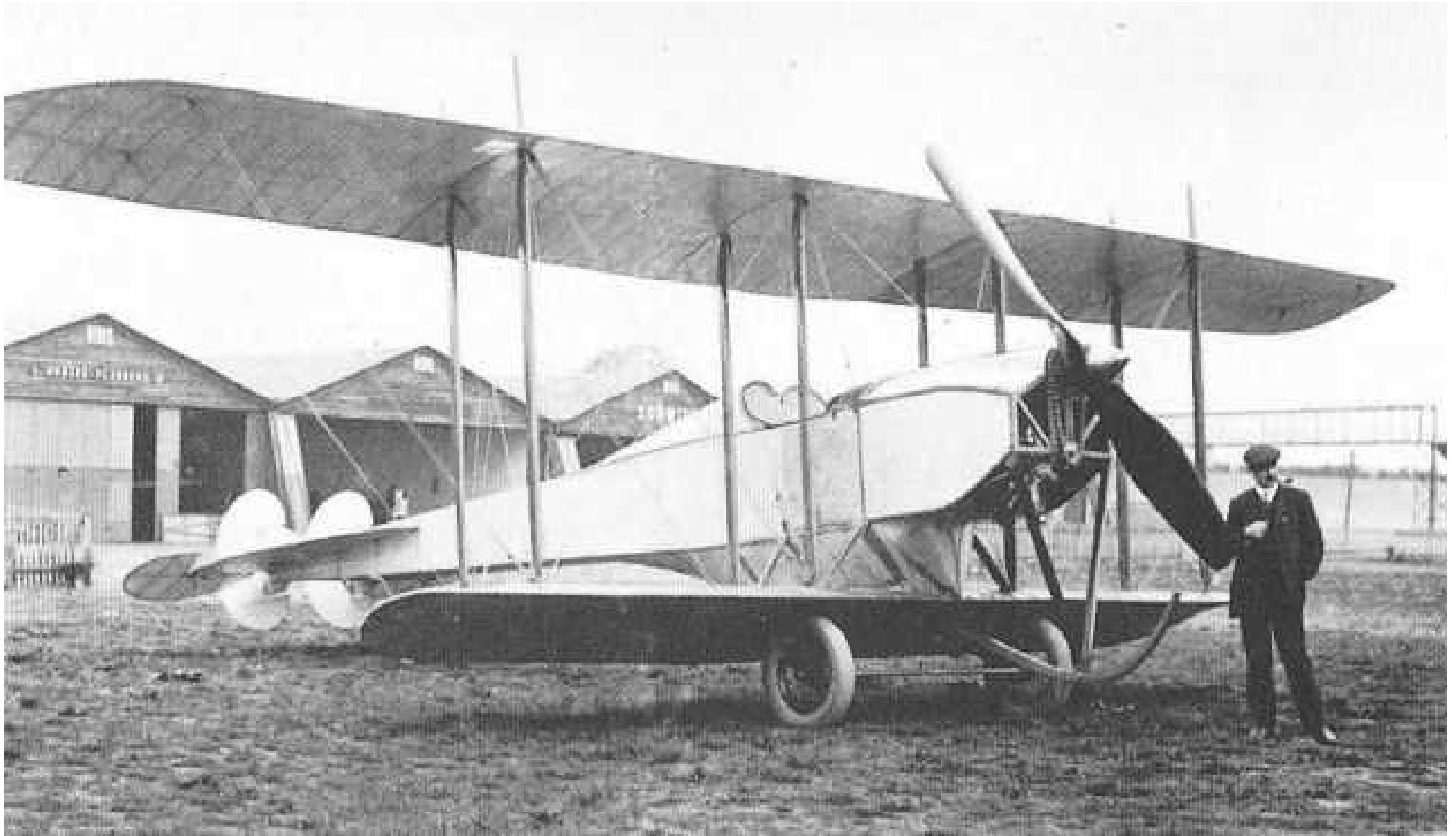
# 1908 – 1911 Warwick Wright

- Aero Engines
- Marylebone premises
- Sales
- Aviator



1910 Accompanying Wilbur and Orville

# The C.O.W. Biplane



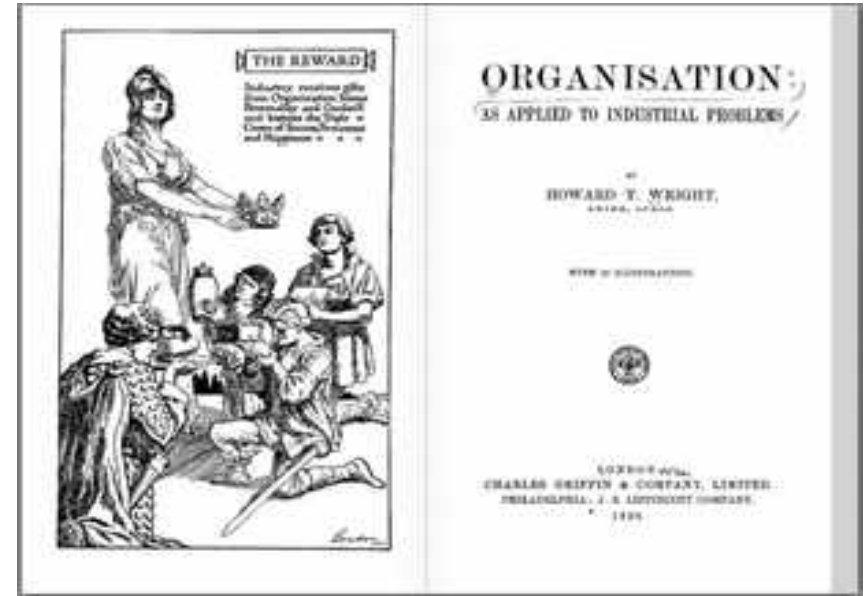
# Howard Wright's "Wight" Naval Aircraft



# Howard Wright's later work

## 1920 – a notable book

Competition is now World-wide, and the only way which Great Britain can increase or even maintain her position is by adopting more scientific methods when conducting Financial, Commercial, and Technical Trade.



Until about 1927 – On Royal Aero Club Committees, and involved in Aviation Events Including King's Cup Air Race

1927/8 – two patents for Hydrocarbon Oil Conversion

1937 – two patents for Carbonaceous Material Processing

# Warwick Wright – from 1912

Warwick Wright – and Motor Cars

Warwick Wright goes to war (twice)

Warwick Wright and Civil Aviation

Warwick Wright – Speed on Land & Water

Warwick Wright and Winter Sports

# Warwick Wright and Motoring



**INVINCIBLE TALBOT**  
 AUTHORISED DISTRIBUTORS FOR  
**SUNBEAM, DARRACQ**

	<b>SUNBEAM New Prices.</b>
14 h.p. 2 or 4 seats	£685
16 h.p. Grand	£785
18 h.p. 4 or 6 seats	£885
20 h.p. Standard	£1185
22 h.p. Standard	£1225
24 h.p. Standard	£1325

	<b>TALBOT New Prices.</b>
12 h.p. Standard	£295
15 h.p. De Luxe	£325
18 h.p. 4 or 6 seats	£375
20 h.p. 4 or 6 seats	£415
22 h.p. 4 or 6 seats	£455
24 h.p. 4 or 6 seats	£495

	<b>DARRACQ New Prices.</b>
12 h.p. 2 seats	£225
15 h.p. 2 or 4 seats	£265
18 h.p. 2 or 4 seats	£305
20 h.p. 2 or 4 seats	£345
22 h.p. 2 or 4 seats	£385
24 h.p. 2 or 4 seats	£425

Our Hire Purchase System Arranged to Suit Customers' Convenience.  
 Any make of Car or Motor Cycle taken in Part Exchange.

**WARWICK WRIGHT, LTD.**

150, New Bond Street, London, W.1.

The  
 Safety  
**STUTZ**  
 eliminates effort

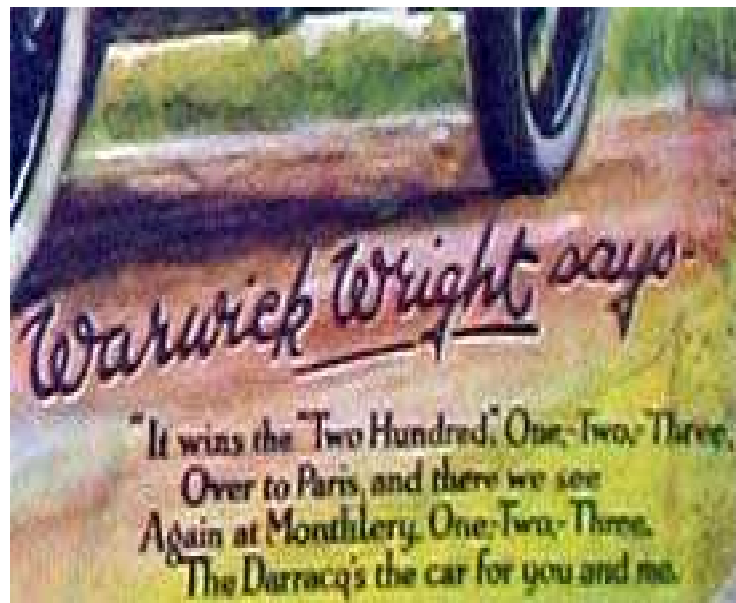


STUTZ can drive a Stutz from dawn till dusk as hard as you like without fatigue. You do not have to bend the steering wheel round. You do not have to stomp on the pedals. Every instant is further right. No matter what your speed you are free from the heaving of mechanical stress. The Straight-light vibrationless engine dispenses with all but emergency gear changes at the end of the journey you step out of the Stutz delighted and refreshed.

Prices from £495

\*The car which is built for the right to be perfect.\*

*Warwick Wright Ltd.*  
 150, New Bond St., London, W.1.



"Wake Up England"

# Classic cars associated with Warwick Wright



1906 Minerva



1913 Sheffield Simplex



1932 Talbot Alpine



1935 Lagonda Rapier Warwick Wright Special



# Warwick Wright and Civil Aviation



1919 Hawker's return

When the "boys" would not be denied: Col. Warwick-Wright's Rolls-Royce full-up, inside and out. This car, upon the occasion of the home-coming of Hawker after his Atlantic attempt, accommodated no less than 37 passengers, in the procession to the Royal Aero Club—10 inside, 11 on the roof, 4 standing on the petrol tank, 4 on the driver's seat, 4 on the bonnet, and 2 on the running boards and mudguards. It was rough on the springs, but the engine never made a murmur.

FLIGHT

June 14, 1926



HOME AT LAST! Sir Alan and Lady Cobham arrive back at Rochester at the conclusion of the big African Survey Flight. Standing from left to right are: Sir Kemp (General Manager of "Hovers"), Col. Warwick Wright, Mrs. Warwick Wright, A. N. Odier, The Mayor of Rochester, Lady Cobham, Mr. Billy of Short Bros., Sir Alan Cobham, the Town Clerk of Rochester and Mr. Oswald Short.

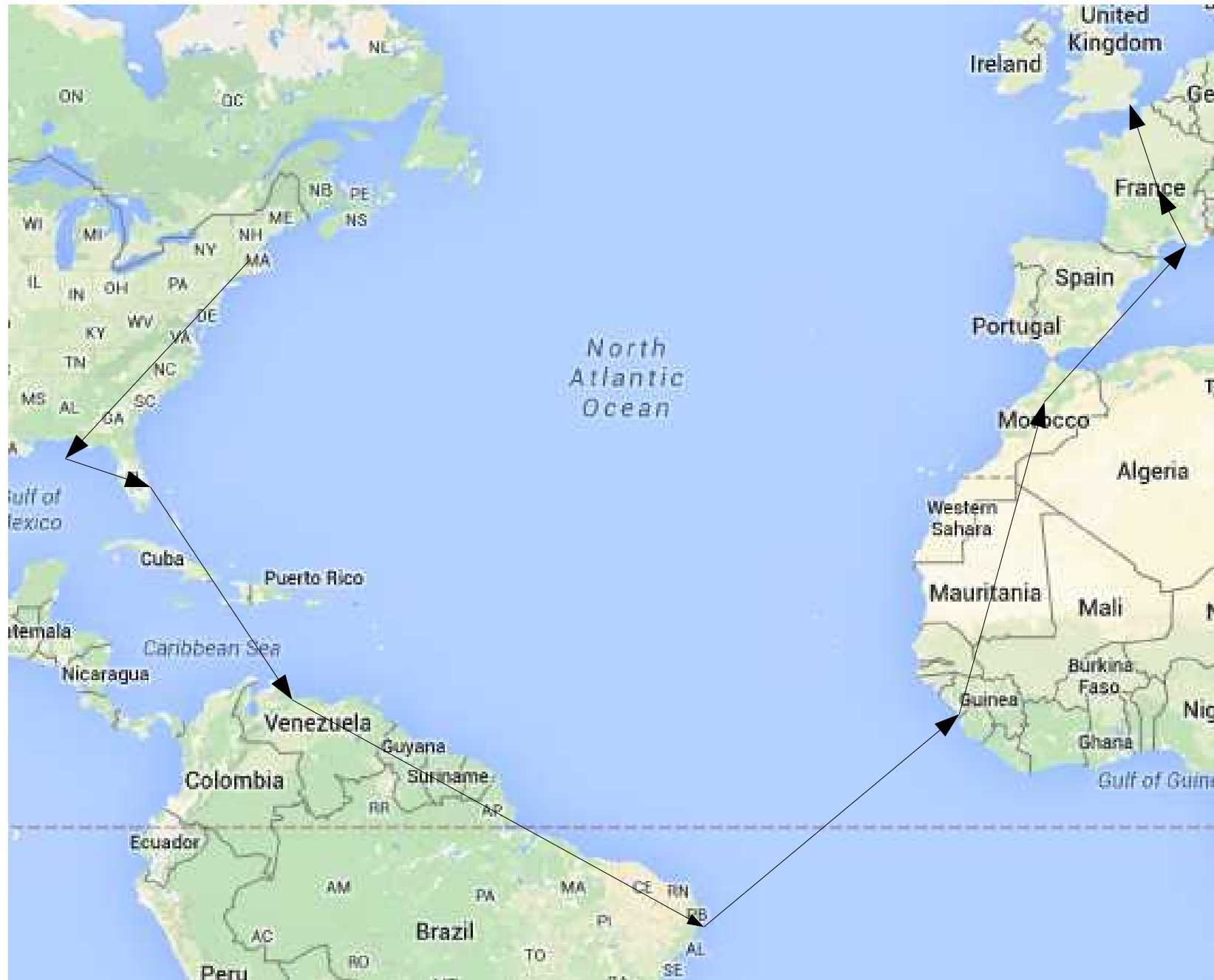
1926 Cobham's return



1932 Graf Zeppelin Round Britain Flight

"The most wonderful experience he had ever had"

# 1935 NEW YORK TO LONDON BY AIR

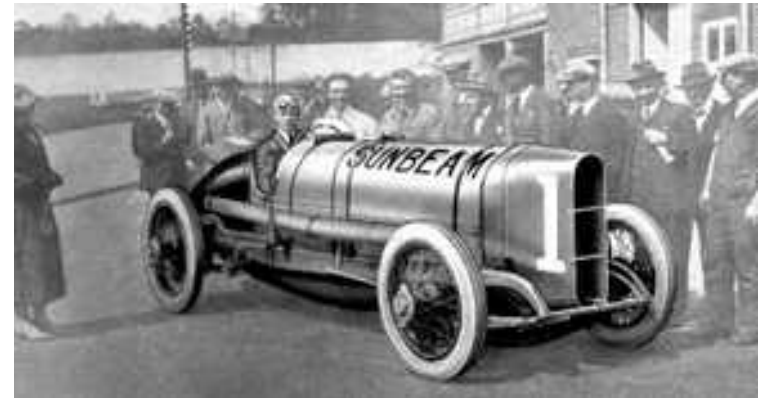
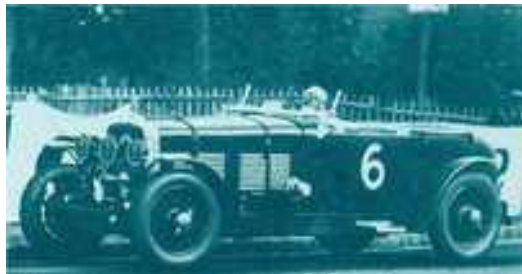


# 1920 to 1935 - Faster Still on Land and Water

SUNBEAM

- and Land Speed Records

STUTZ – and Le Mans



TALBOT

– Brooklands and Motor Racing



Miss London, Miss England  
– and Water Speed Record

# Warwick Wright – Winter Sportsman

A KING GOES FUN-HUNTING: FINDS IT



King Albert of the Belgians (arrow) had laid aside his crown when this photo was taken. He was just out for a lot of fun on the bob-sled at St. Moritz, Switzerland. Half way down the sled swerved and Albert was about to be thrown off, when a fellow slider seized him unceremoniously by the pants. At the steering bar is Warwick Wright while the rearmost rider is Lord Northesk, both well-known British sportsmen.



AT ST. MORITZ, J. A. Millson, noted skier (left) takes a holiday among the Swiss snows with Mrs. Warwick Wright and Colonel Warwick Wright.

# The Final Chapter

- Sunbeam-Talbot-Darracq Collapse
- Warwick Wright Ltd. Taken Over
- Warwick Wright Personal Bankruptcy
- Divorce

Sept 1939 – RNVR

Special Ops – Greece & Crete

Bar to DSO

1945 Both Brothers Die

# Wright Brothers

## Wilbur & Orville

1867-1912

1871-1948



Wilbur died in 1912

Litigation, Feuds, Crashes

Orville contributed little more

## Howard & Warwick

1867-1945

1876-1945



- So Remember these Wright Brothers!