

A TRIBUTE TO WILBUR AND ORVILLE WRIGHT

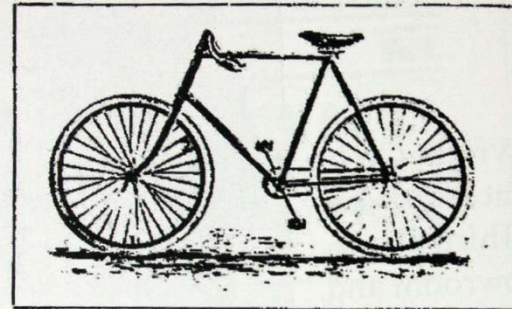
**CHUCK KUTSCHER
FABIUS HISTORICAL SOCIETY
OCTOBER 5, 2015**

WILBUR AND ORVILLE



WILBUR 1867-1912

Van Cleves get there First.

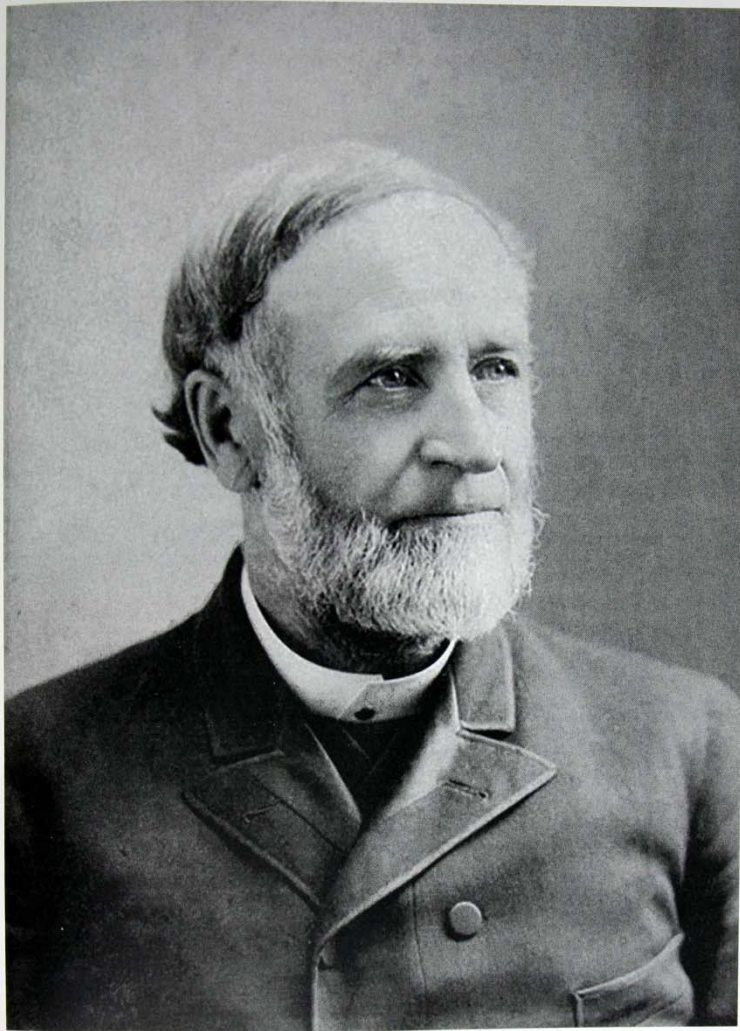


WRIGHT CYCLE CO.,
Manufacturers of

“Van Cleve” Bicycles,

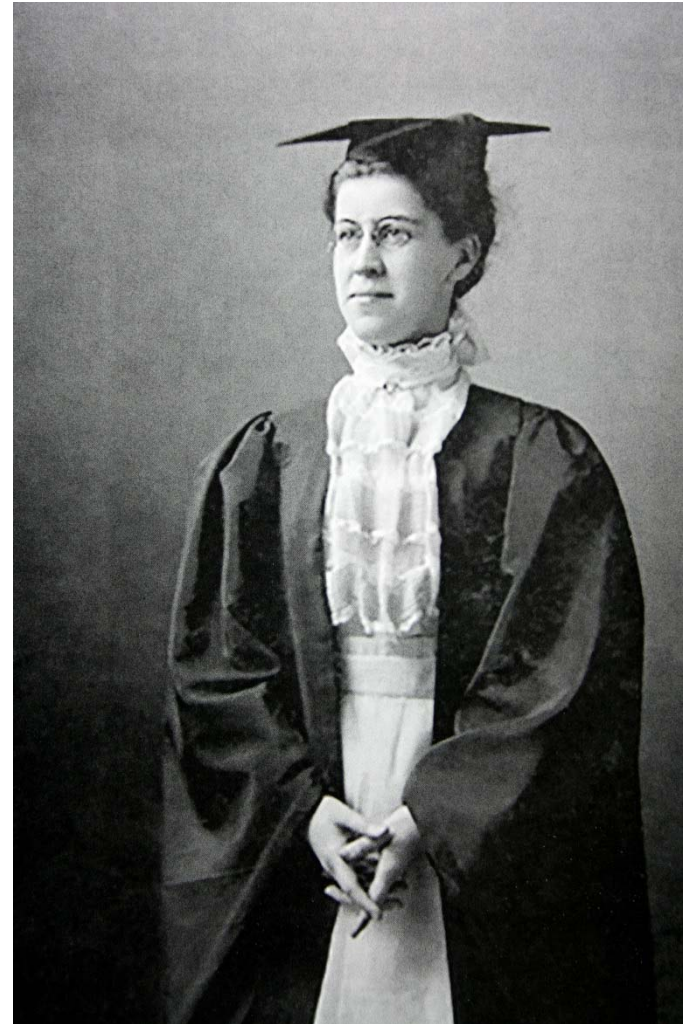
1127 W. THIRD STREET, NEAR WILLIAMS.

REPAIRING, ENAMELING IN ALL COLORS, ETC.



¹
Bishop Milton Wright at age 60.

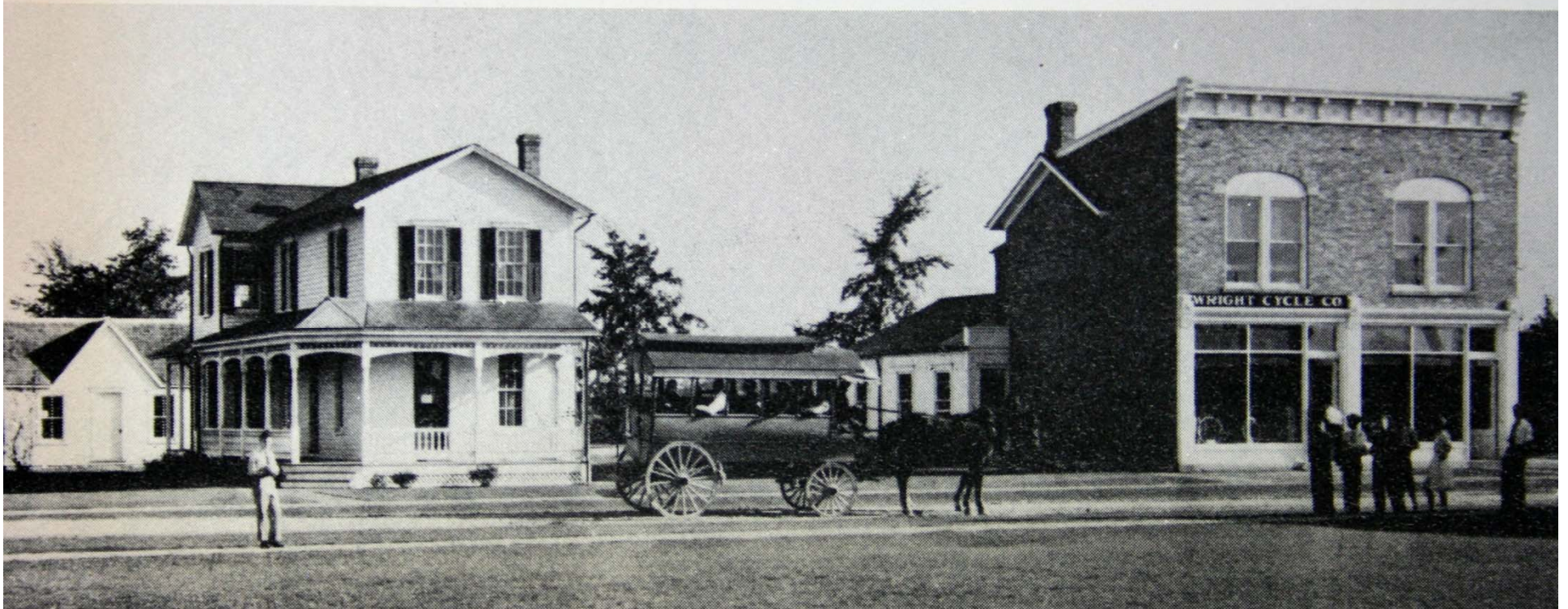
BISHOP MILTON WRIGHT



KATHARINE WRIGHT

GREENFIELD VILLAGE HENRY FORD MUSEUM

*The reconstructed Hawthorn Street house and the
West Third Street bicycle shop, side by side in
Greenfield Village, Dearborn, Michigan.
(Smithsonian Institution, NASM)*





Lilienthal in flight with one of his creations.

Otto Lilienthal, the German glider pioneer whose influence on the Wright brothers was

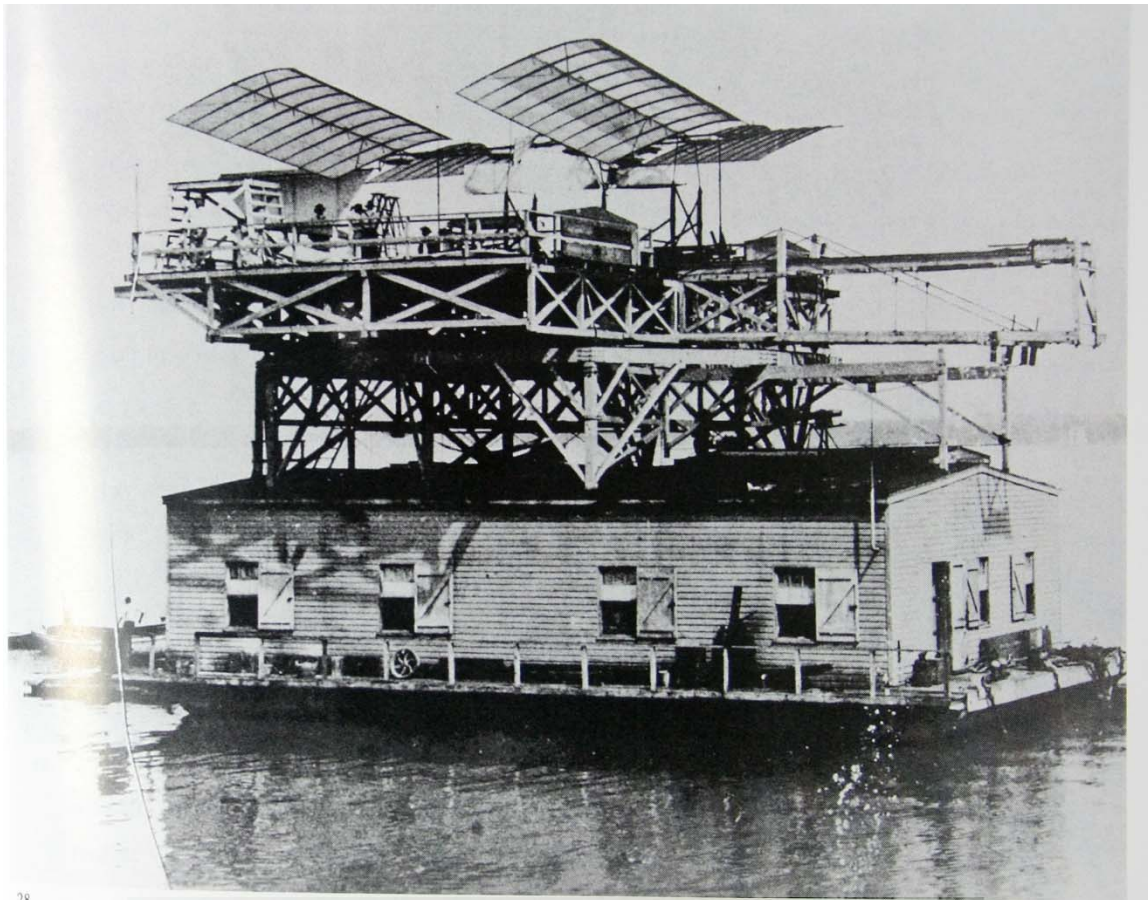
- **BEGAN FLYING GLIDERS 1869**
- **BUILT A DOZEN GLIDERS**
- **1896 DIED IN CRASH**
- **FELL 50 FEET**

- **FLEW GLIDERS FOR 5 YEARS**
- **FLIGHTS ABOUT 10 SECONDS EACH**
- **TOTAL AIR TIME 5 HOURS**

SAMUEL PIERPONT LANGLEY



- **SECRETARY OF THE SMITHSONIAN**
- **WORKED IN MANNED FLIGHT**
- **\$70,000**
- **1903-1942 CLAIMED THAT HE INVENTED THE AIRPLANE**



28

Langley's costly and much ridiculed "aerodrome" ready for launching from atop a gigantic houseboat on the Potomac River.

- **SAMUEL LANGLEY**
- **STEAM POWERED**
- **FIRST 1896**
- **LATER GASOLINE**
- **ENGINE**
- **POTOMAC RIVER**
- **CATAPULT**
- **1903**



**OCTAVE
CHANUTE**

WE LOVE BICYCLES

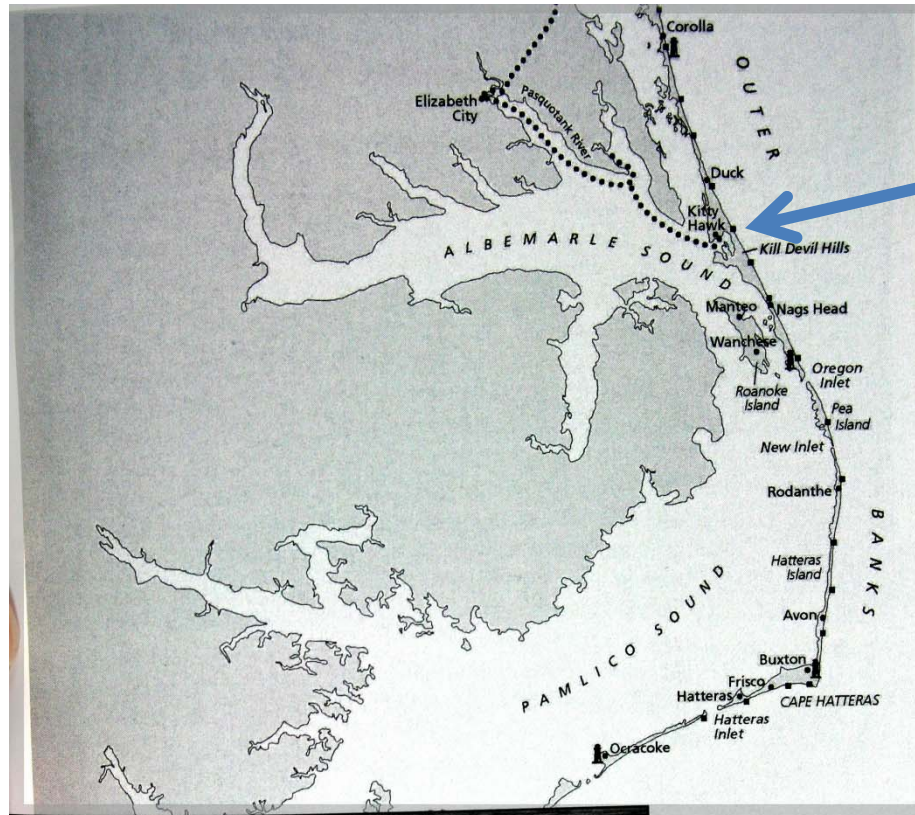


KATHARINE

Katharine (second on the right) and four of her Oberlin College friends join in the bicycle craze.



**FAMOUS DESK WHERE WILBUR WROTE TO
THE SMITHSONIAN INSTITUTION**



KITTY HAWK N.C.



- *** Wilbur Wright's 1900 route
- Village
- U.S. Lifesaving Station
- 🏰 Lighthouse

North 0 10 Kilometers
0 10 Miles

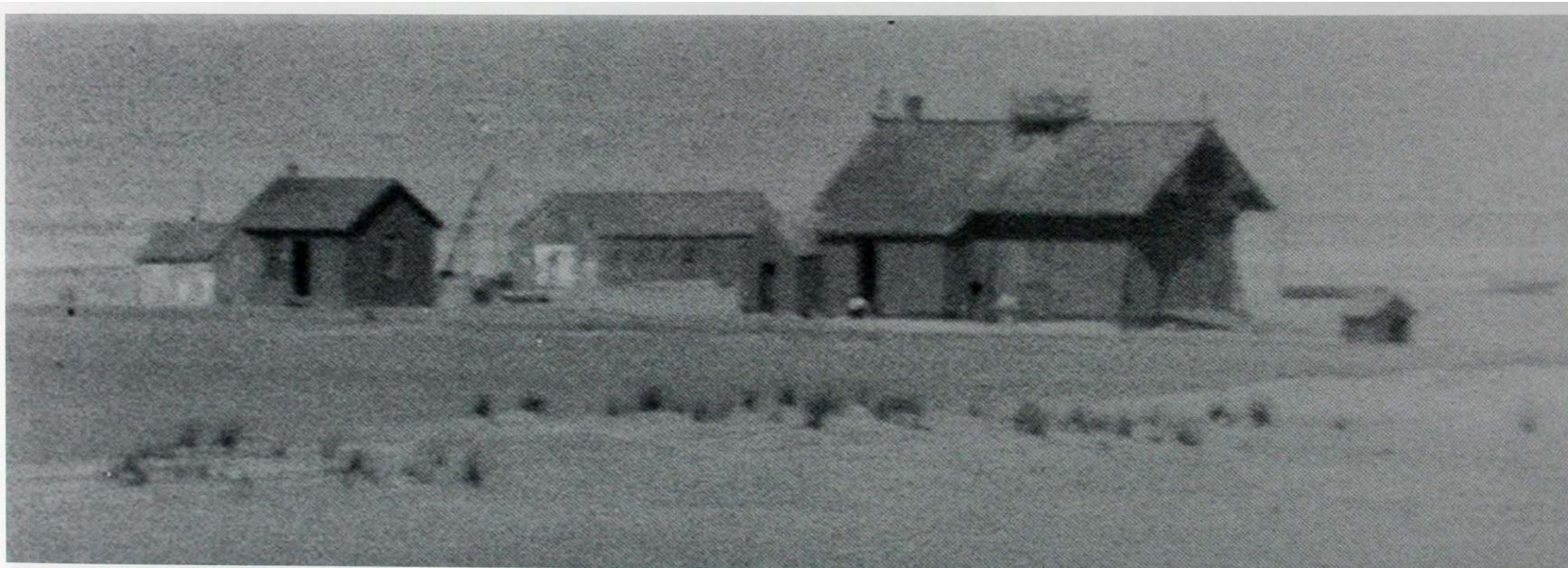
Map of the
Outer Banks of
North Carolina.

30

Bill Tate and family.

31

**BILL TATE AND
FAMILY**

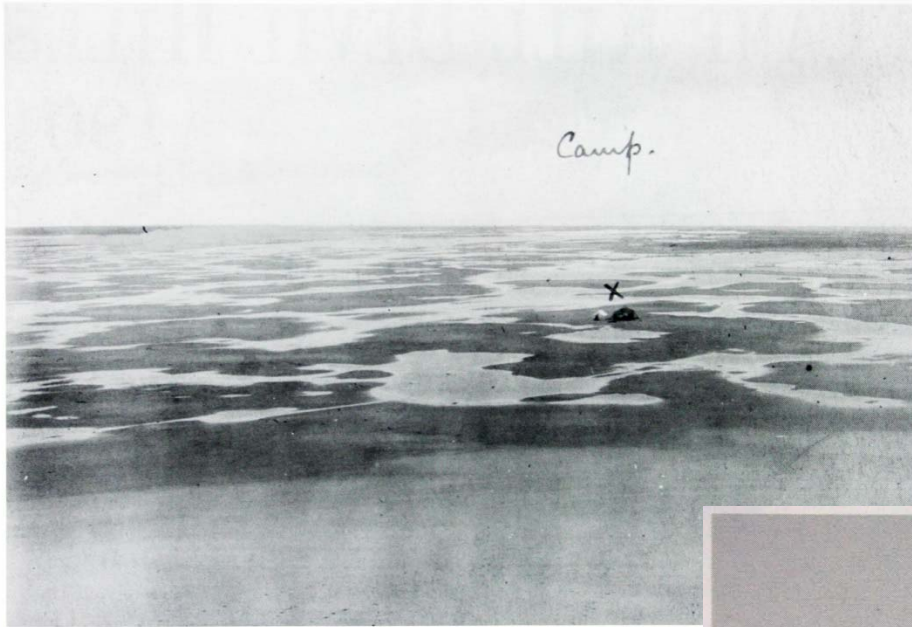


MEN FROM LIFE SAVING STATION

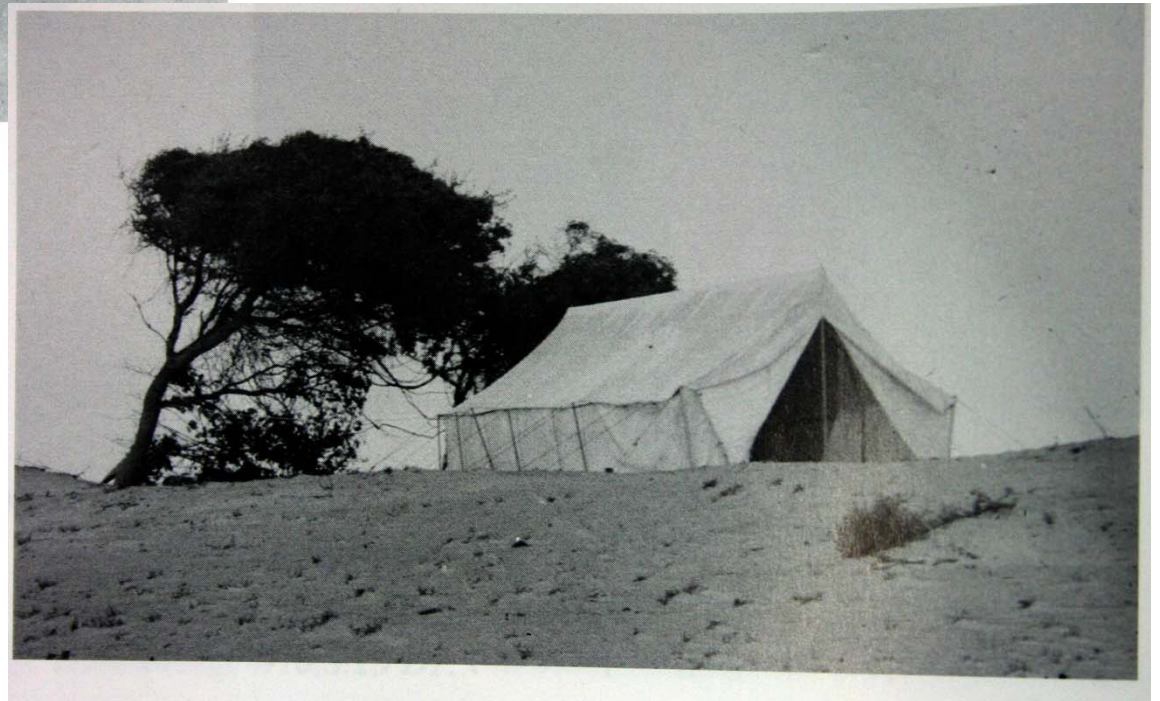


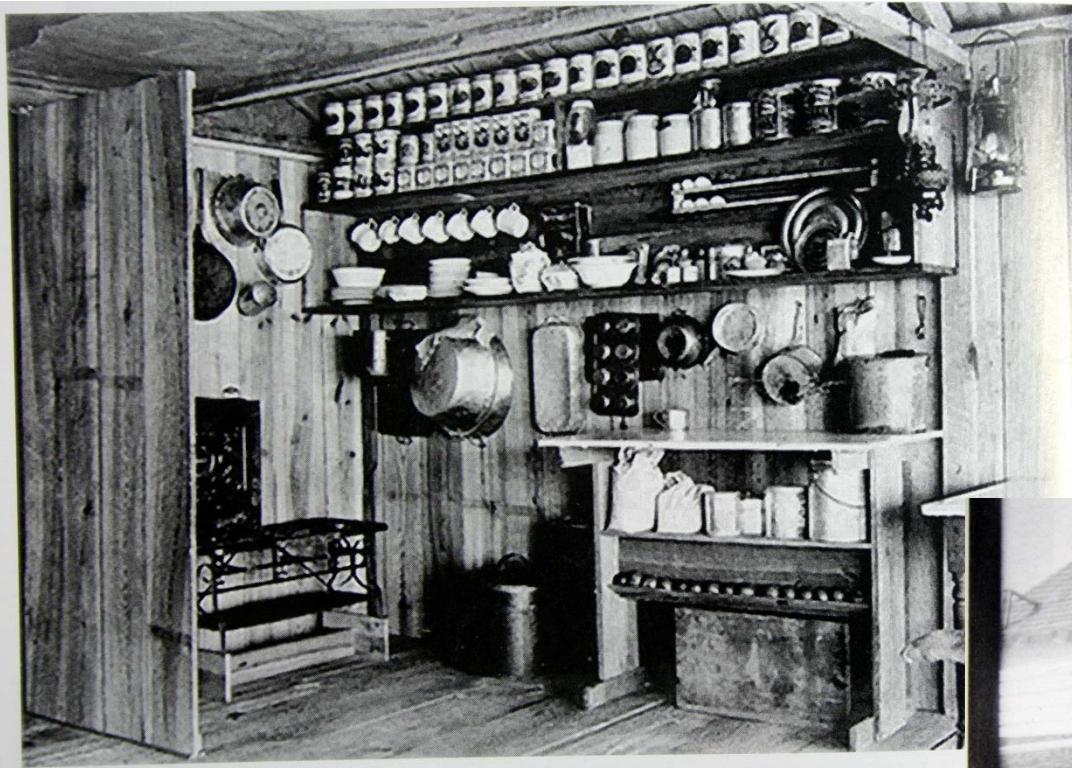
**THE LIFE SAVERS OF KITTY
HAWK AT WORK**

THE 1901 WRIGHT CAMP FROM ATOP BIG KILL DEVIL HILL



**1901
LIFE ON THE
OUTERBANKS**





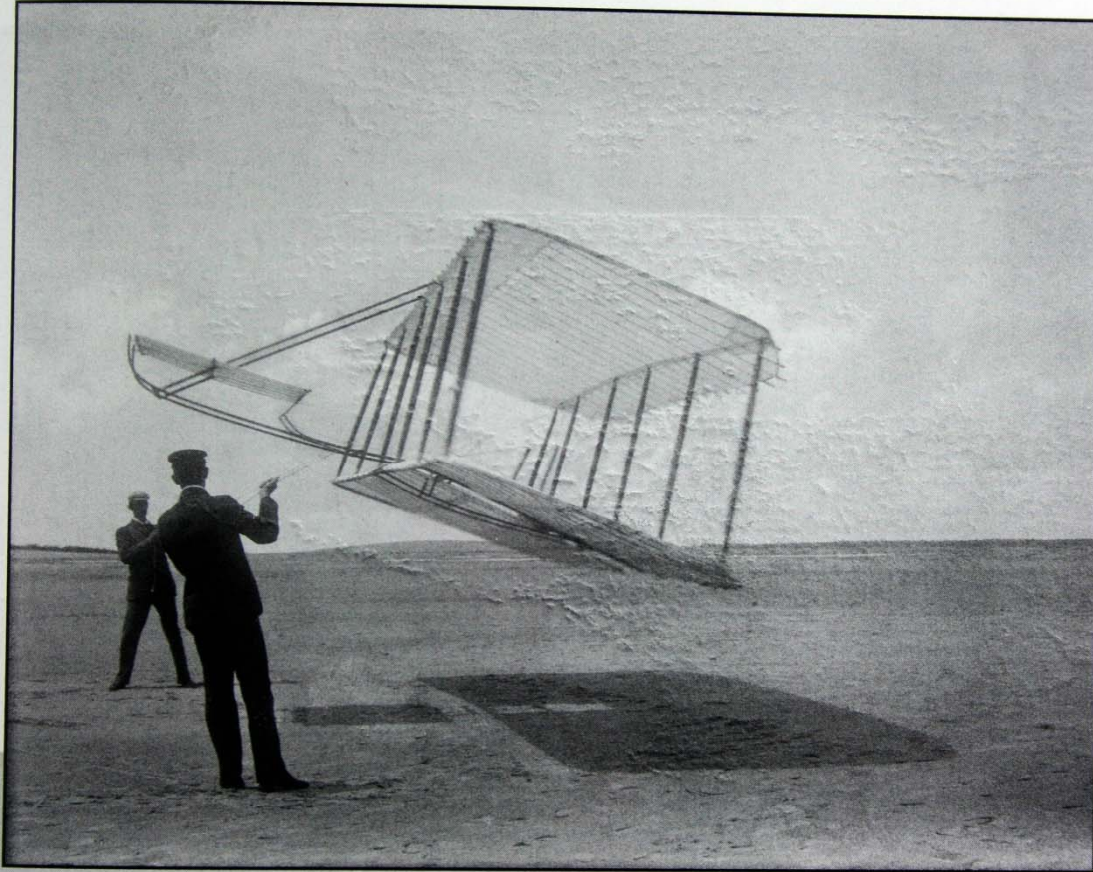
1902 camp kitchen at Kill Devil Hills with all pots, pans, cups, saucers, and provisions in perfect order.



**CAPTAIN HOBBS
AND WIFE**

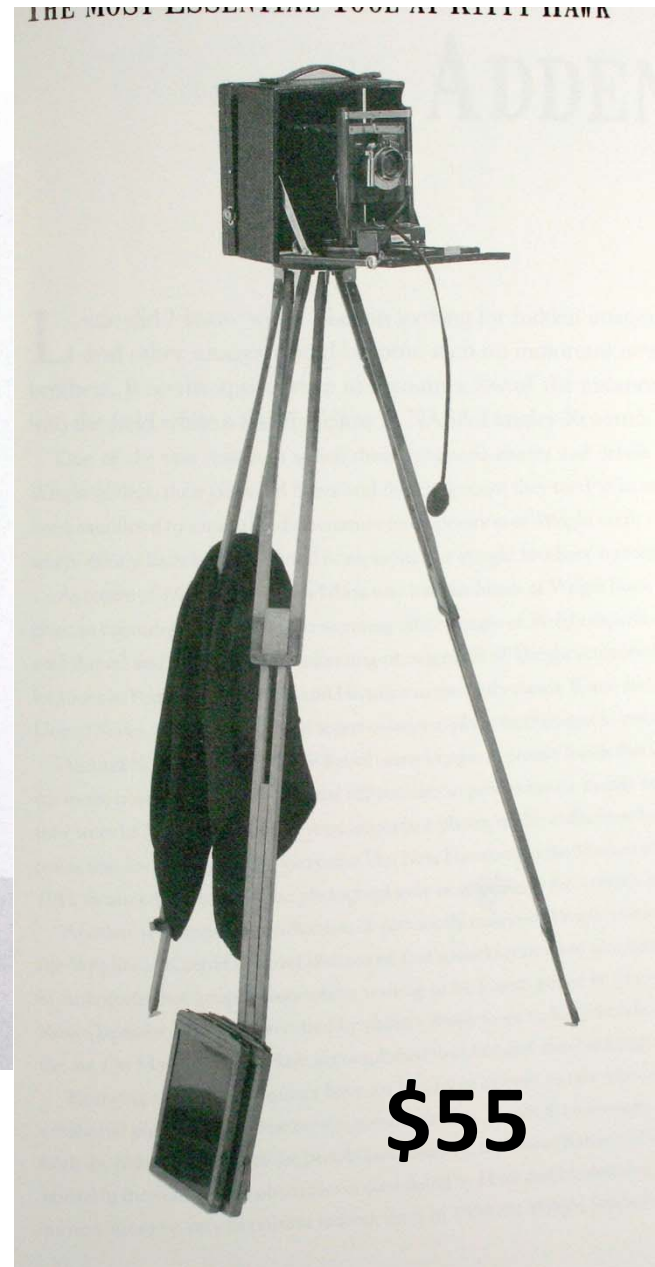
THE REASSEMBLED SLEEPING SPACE





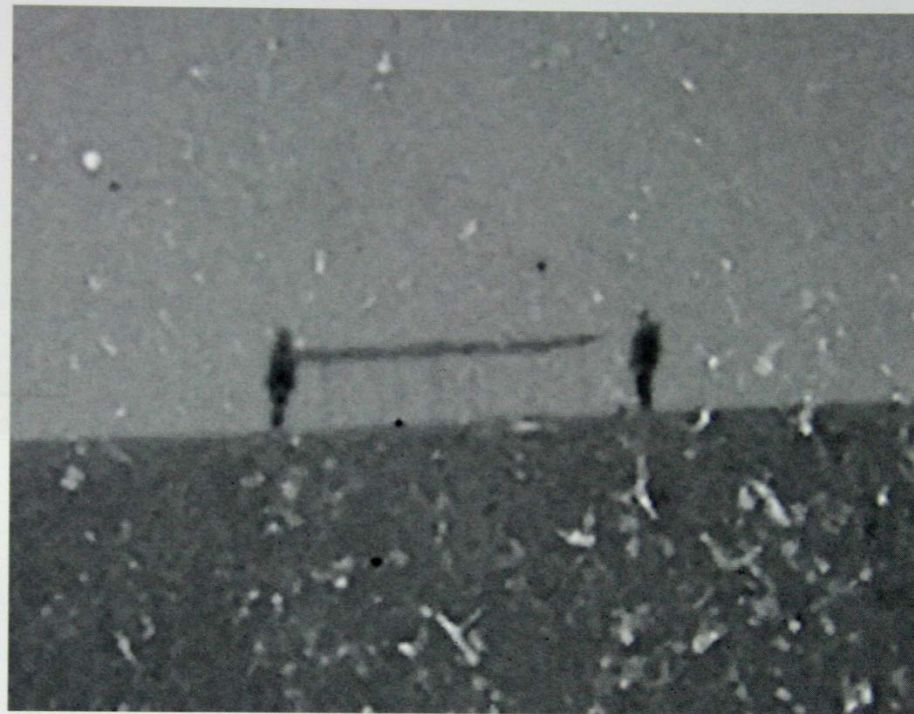
Wilbur (left) and Orville flying their 1901 glider as a kite.

**EARLY GLIDER TESTED
AS A KITE**





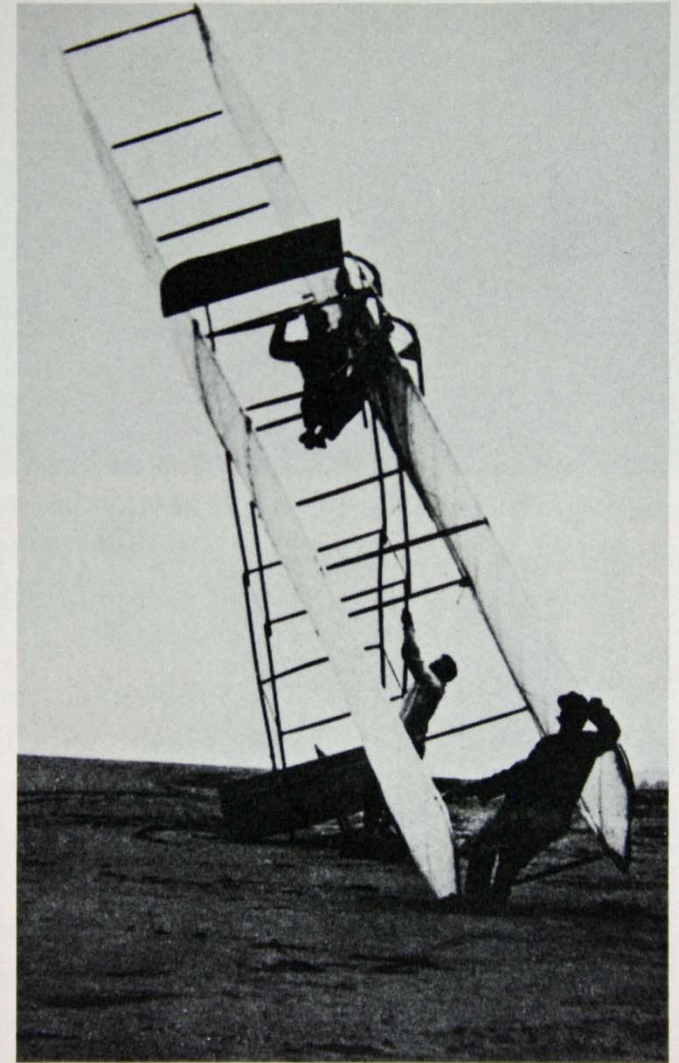
**HOW DO YOU
LAUNCH A GLIDER?**





**WILBUR SEWS AND
ORVILLE CLINGS**

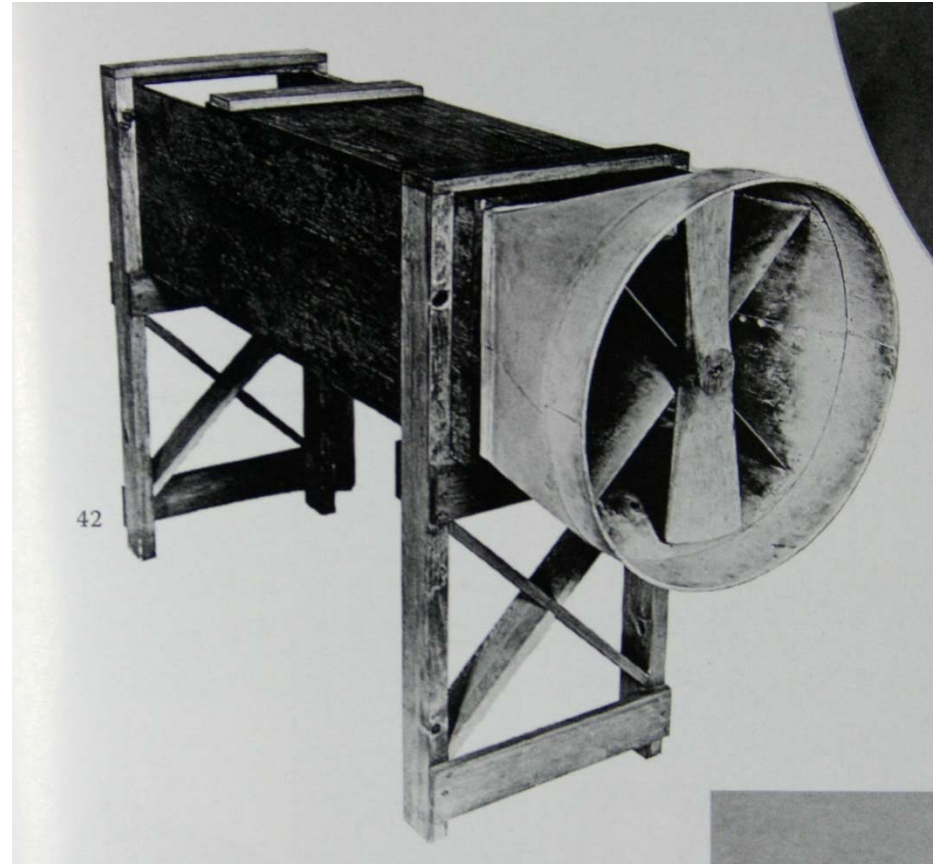
*Orville clinging to the upset glider.
(Smithsonian Institution, NASM)*



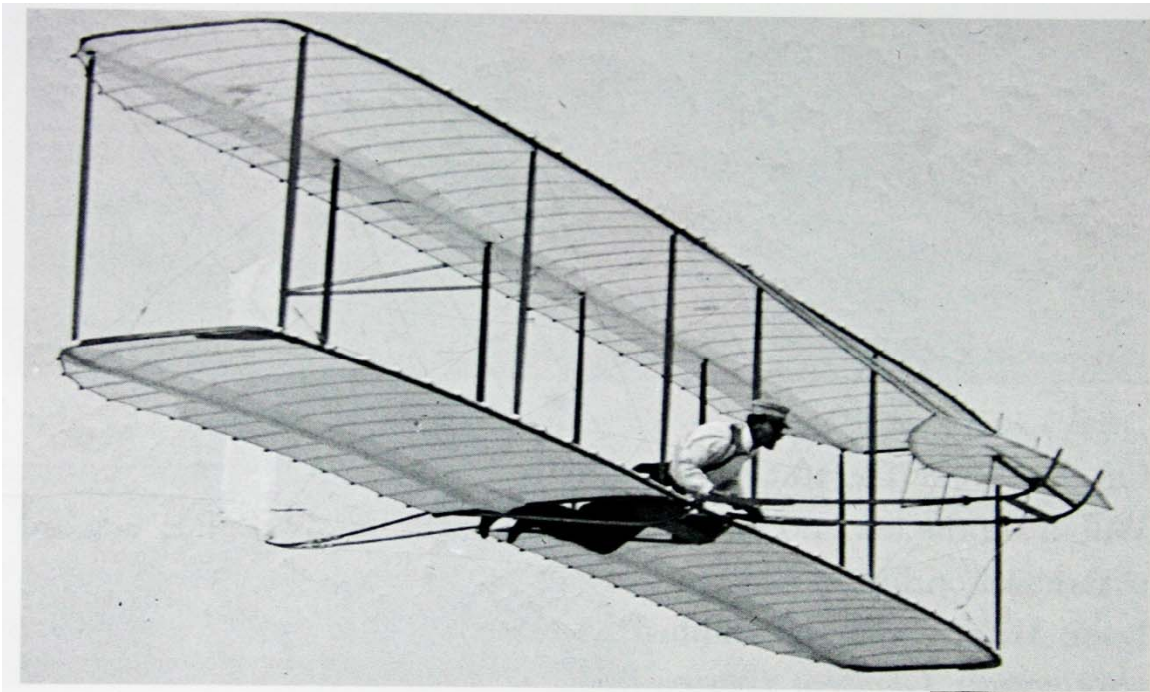
1901

**BROTHERS FIND THAT
CALCULATIONS OF
LILIENTHAL, LANGLEY
AND CHANUTE
CANNOT BE USED**

WHAT TO DO?

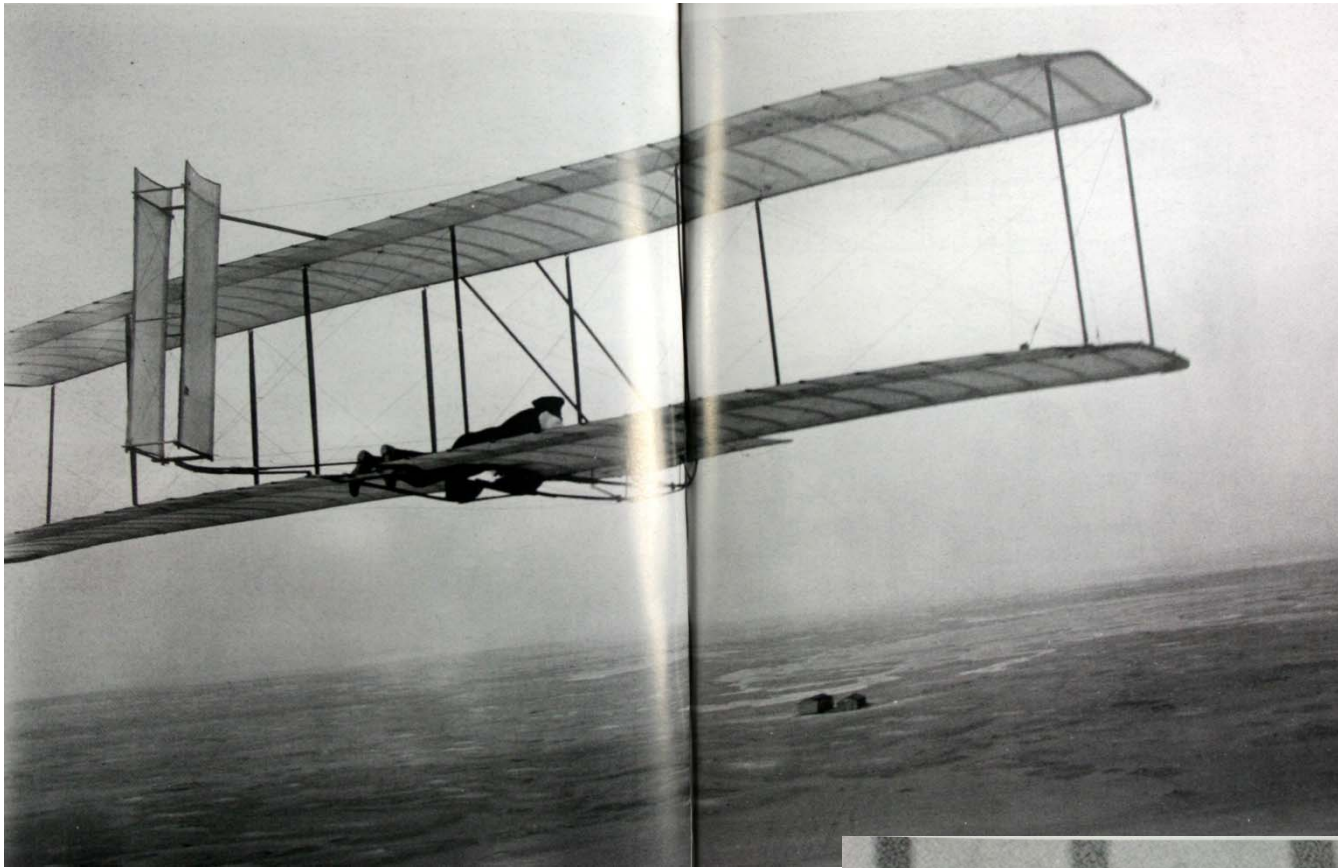


TESTED 38 WING SURFACES



FLYING THE GLIDER





1903 GLIDER

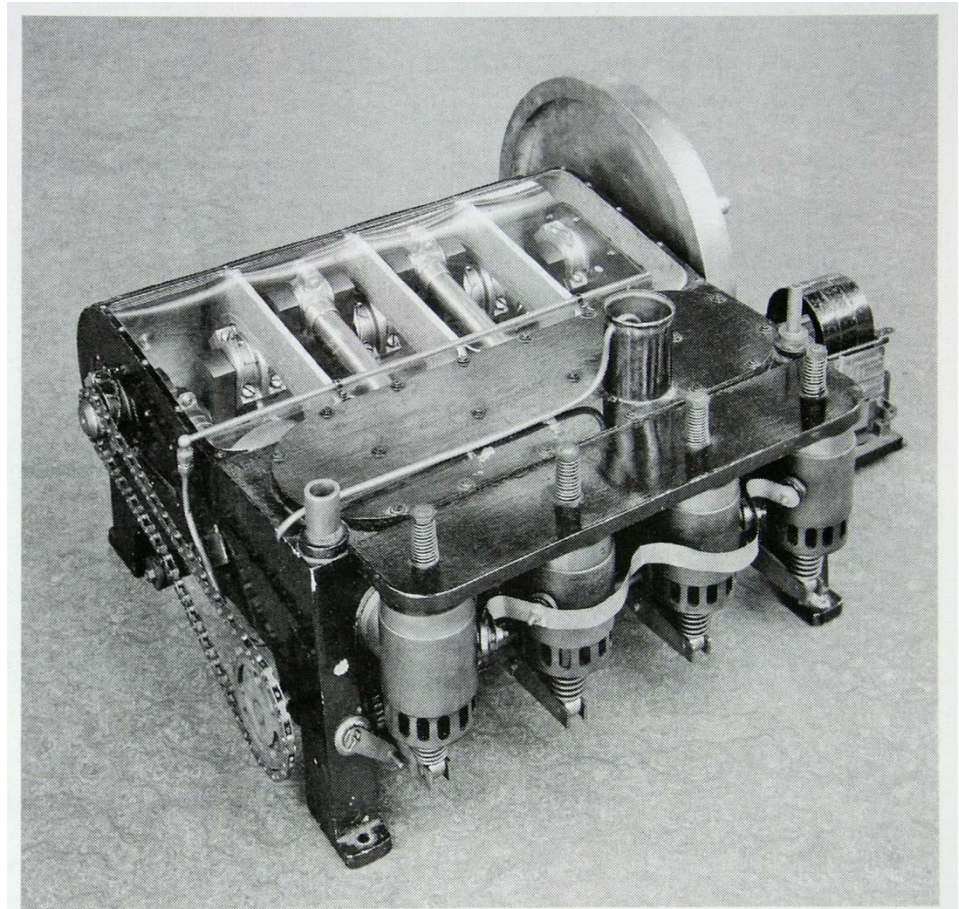
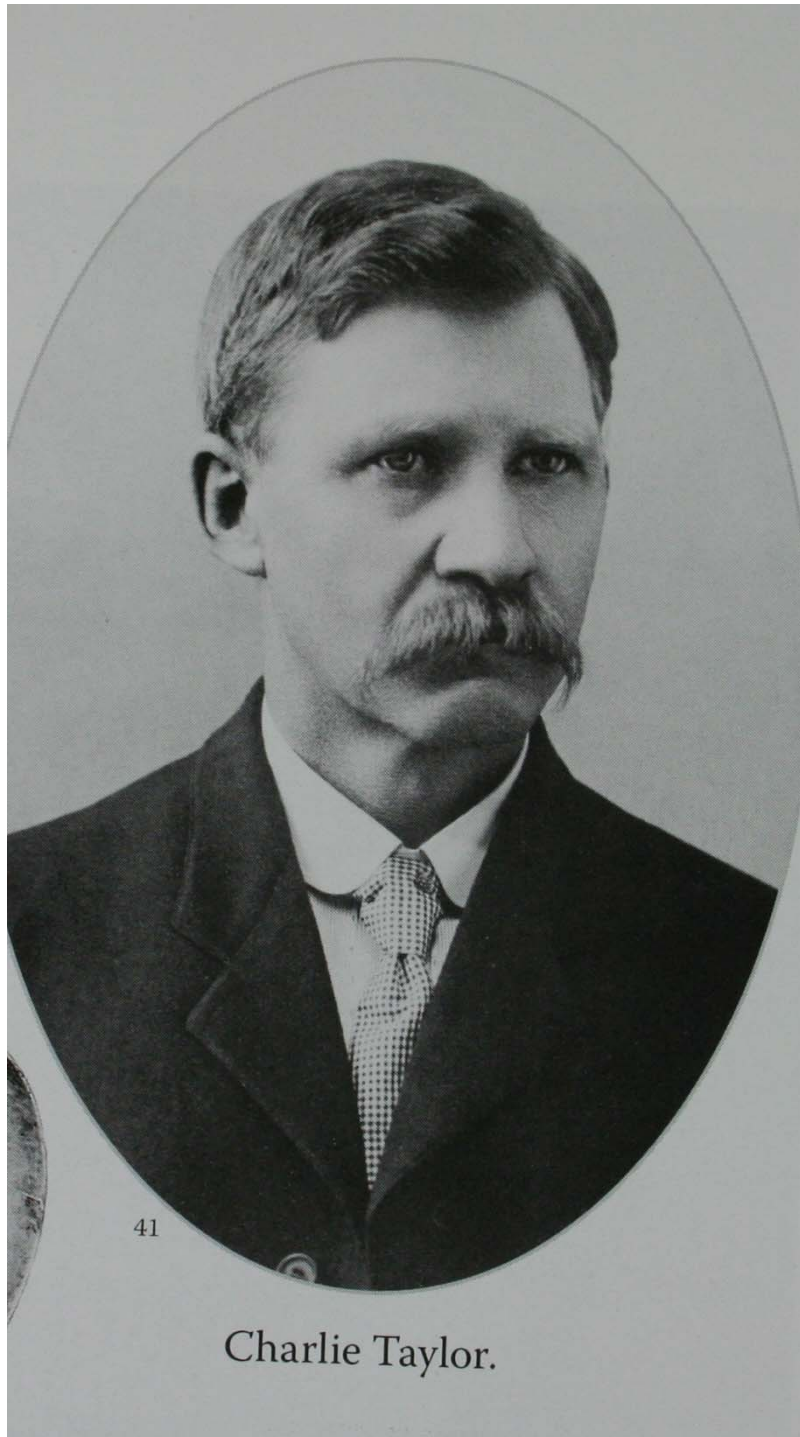
**IN 1902 IN TWO
MONTHS THEY
MADE 1,000 GLIDES**





**OCTAVE CHANUE
AUGUSTUS HERRING
(IT DIDN'T WORK)**





**THE MOTOR
1903**

CATAPULT

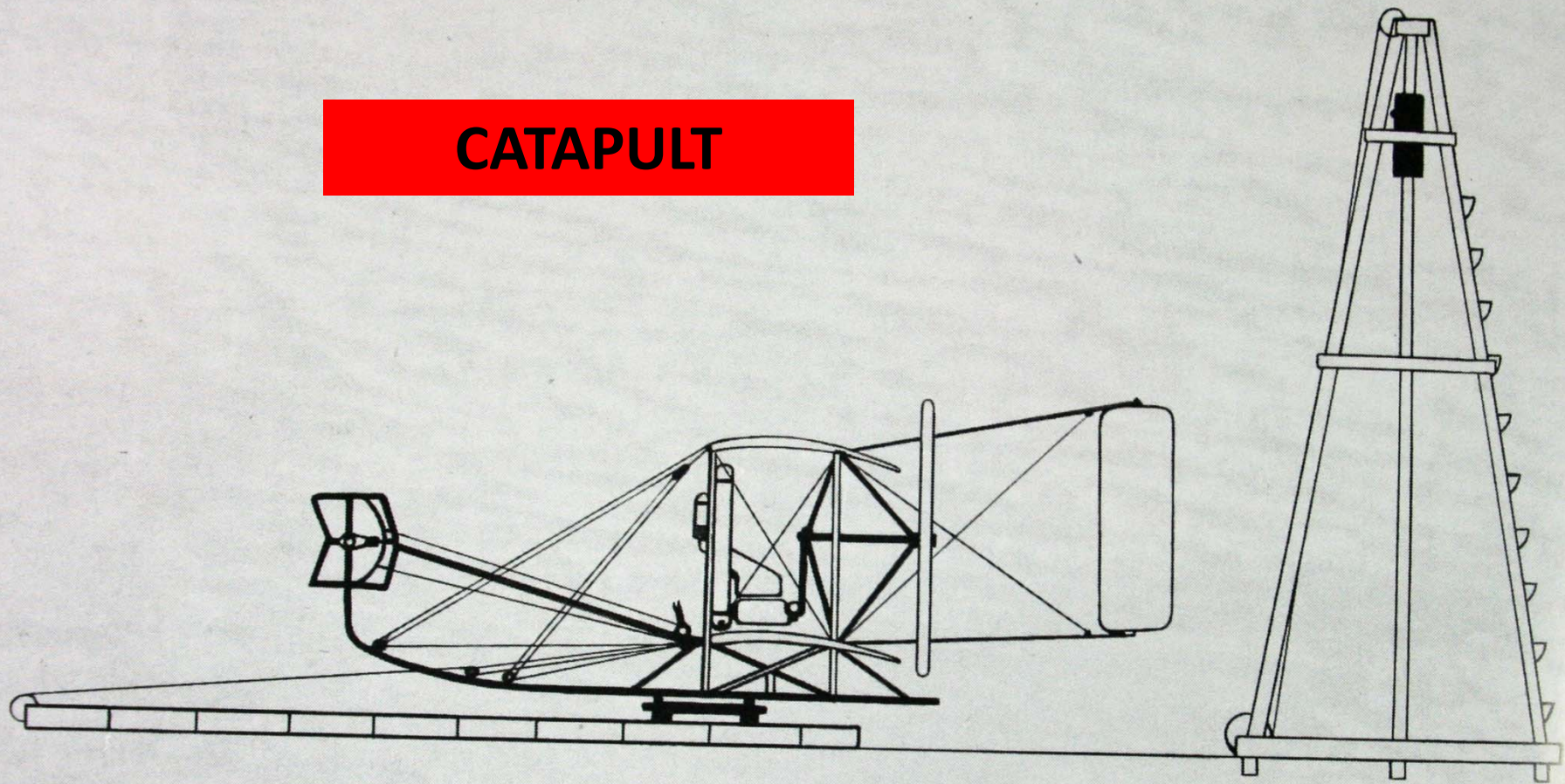
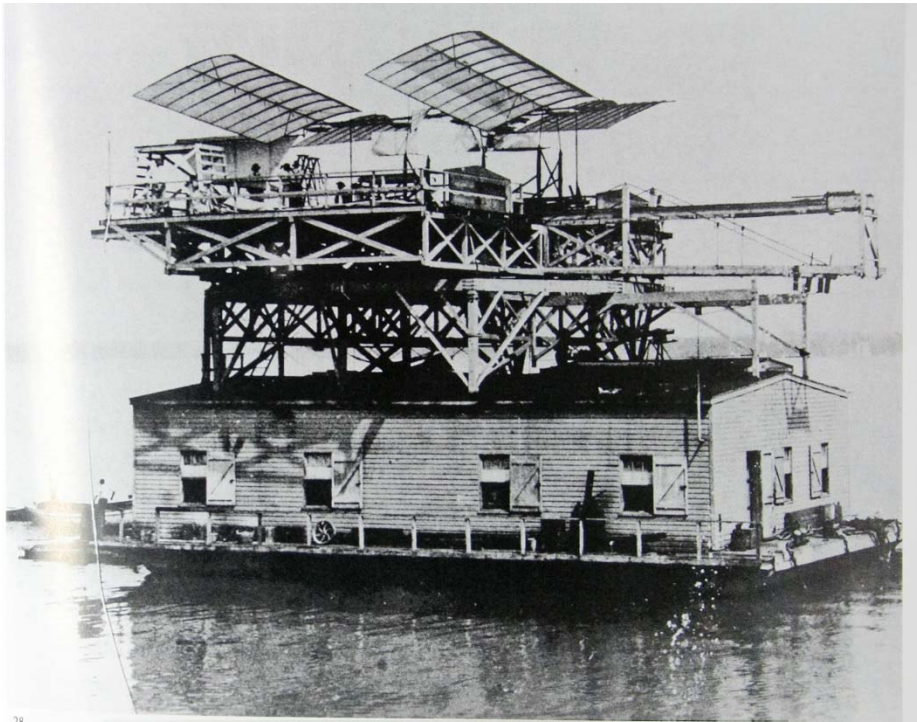


Diagram of the "starting apparatus" or catapult devised by the Wrights to compensate for a lack of sufficient winds at Huffman Prairie.

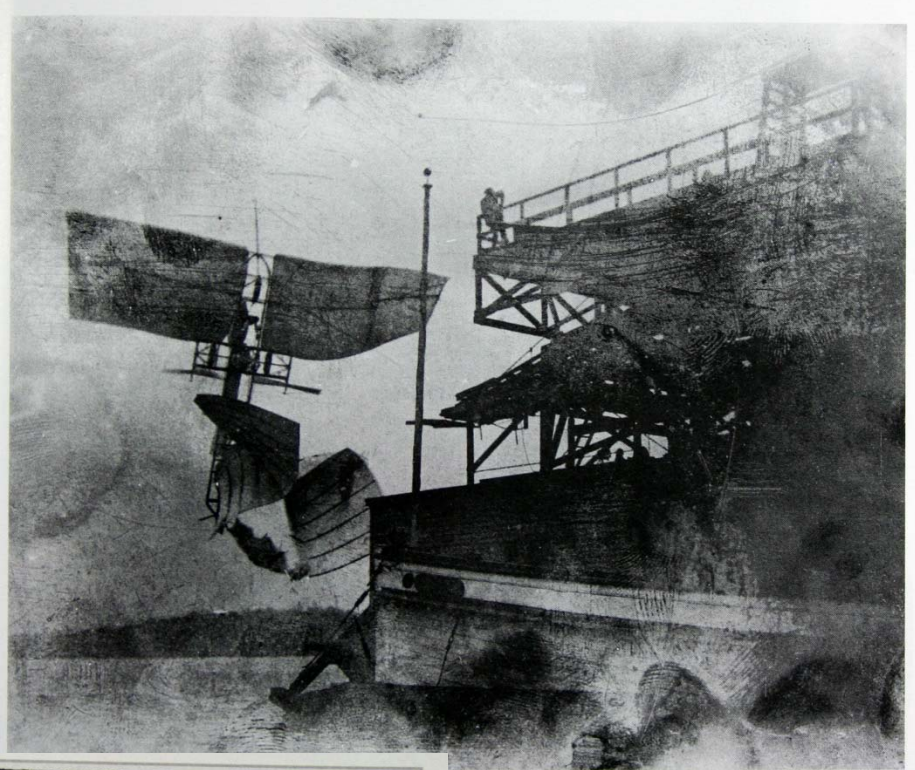


**WRIGHT FLYER WITH
TAKE OFF TRACK**



28

Langley's costly and much ridiculed "aerodrome" ready for launching from atop a gigantic houseboat on the Potomac River.



The dramatic collapse of Samuel Langley's aerodrome, December 8, 1903. The story at left

**DECEMBER 8, 1903
BAD DAY FOR
DR. LANGLEY**

AIRSHIP FAILS TO FLY

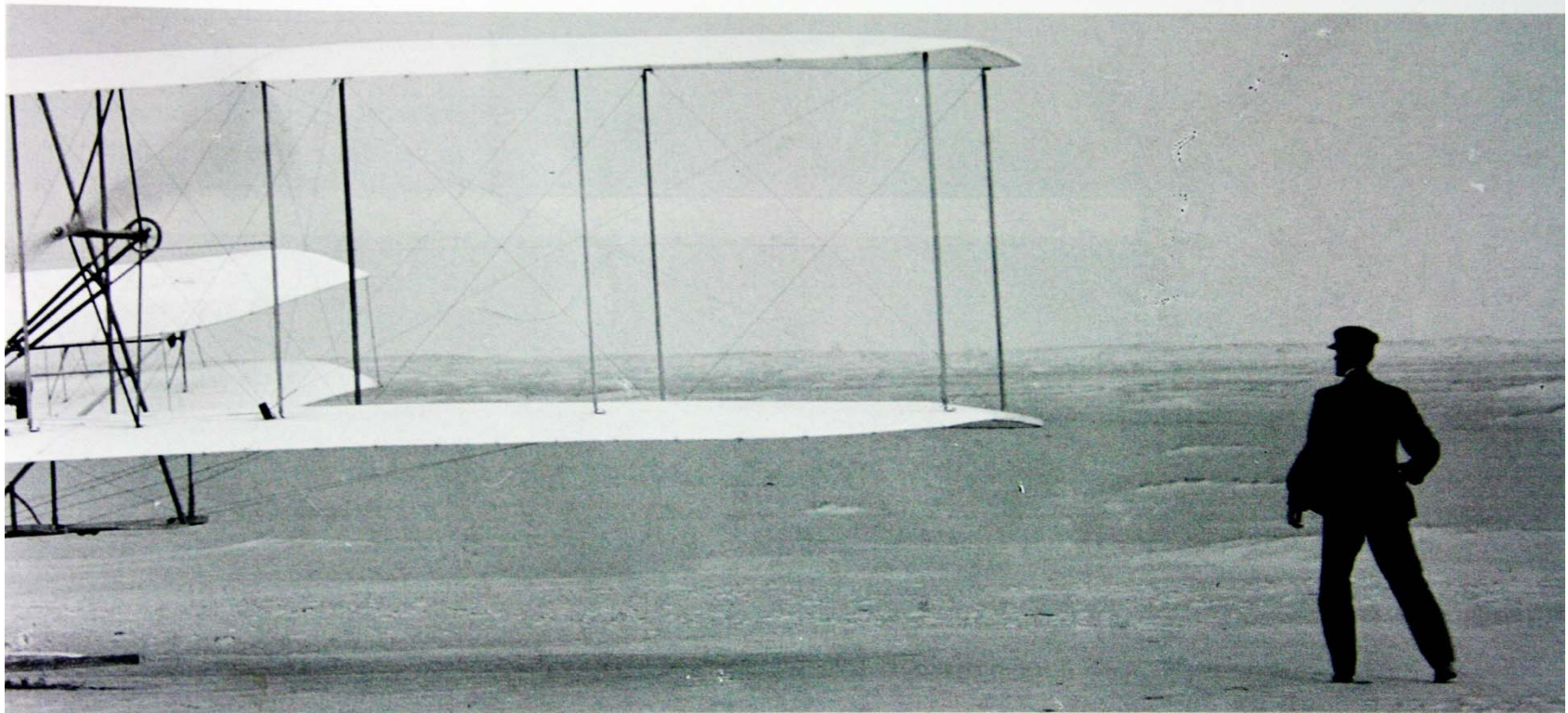
Prof. Langley's Machine Goes
to River Bottom.

PROF. MANLY ABOARD

THE LATTER RESCUED FROM
PERILOUS POSITION.

Test of the Airship Off the Arsenal
Point Yesterday Afternoon—
Large Crowd Present.

DECEMBER 17, 1903



**KITTY HAWK NORTH CAROLINA
FIRST MANNED POWER FLIGHT**

WRIGHT BROTHERS FLY DEC. 17, 1903

FLIGHT 1 120 FEET, 12 SECONDS

FLIGHT 2 175 FEET

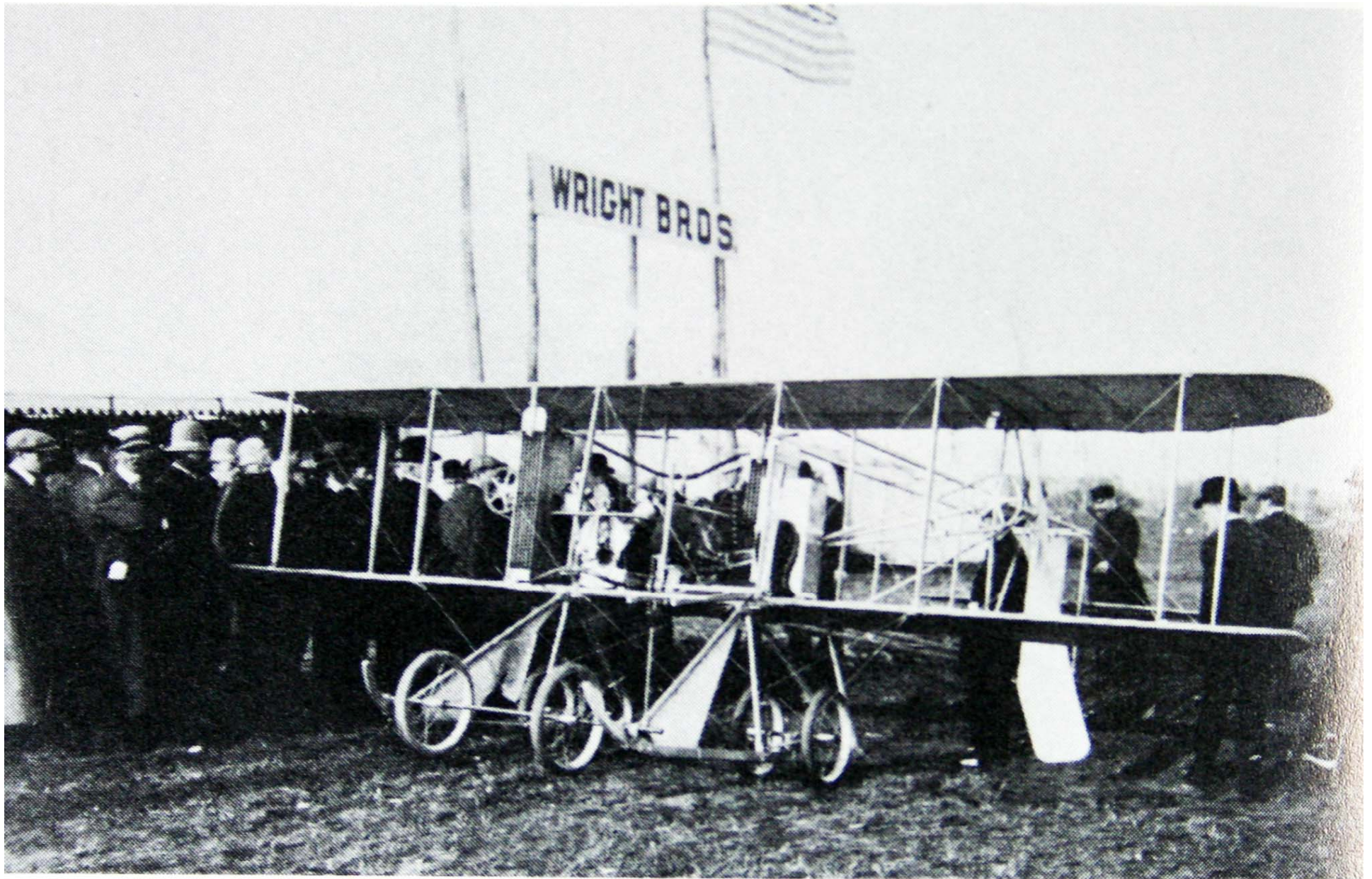
FLIGHT 3 200 FEET

FLIGHT 4 852 FEET, 59 SECONDS

THIS PLANE NEVER FLEW AGAIN

THE ORIGINAL WRIGHT BROTHERS AEROPLANE
THE WORLD'S FIRST POWER-DRIVEN,
HEAVIER-THAN-AIR MACHINE IN WHICH MAN
MADE FREE, CONTROLLED, AND SUSTAINED FLIGHT
INVENTED AND BUILT BY WILBUR AND ORVILLE WRIGHT
FLOWN BY THEM AT KITTY HAWK, NORTH CAROLINA
DECEMBER 17, 1903

BY ORIGINAL SCIENTIFIC RESEARCH THE WRIGHT BROTHERS
DISCOVERED THE PRINCIPLES OF HUMAN FLIGHT
AS INVENTORS, BUILDERS, AND FLYERS THEY
FURTHER DEVELOPED THE AEROPLANE,
TAUGHT MAN TO FLY, AND OPENED



“BABY GRAND” 70 MPH

WILBUR IN NYC



VOL. LIII

New York, October 9, 1909

No. 2755

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A NEW KIND OF GULL IN NEW YORK HARBOR

80

Wilbur creates a sensation by circling the Statue of Liberty,
symbol of friendship with France and of welcome to America.

**EDITH BERG
FIRST
AMERICAN
WOMAN TO GO
UP IN
AIRPLANE**

11^e Année / N° 526 50 centimes 17 Octobre 1908 / Tous les Samedis

LA VIE AU GRAND AIR

Voir dans ce Numéro :
H. SIRET TRIOMPHE DANS LE MARATHON ANGLAIS



**LES VOLS A DEUX
DE WILBUR WRIGHT**
Wilbur Wright emmène M^{lle} Henri O'Berg dans les airs au Camp d'Auvours. Il a battu, en compagnie de M. Painlevé, le record du vol à deux avec 1 h. 9 m. 45 s. 23.
11^{er} sur page 273-4

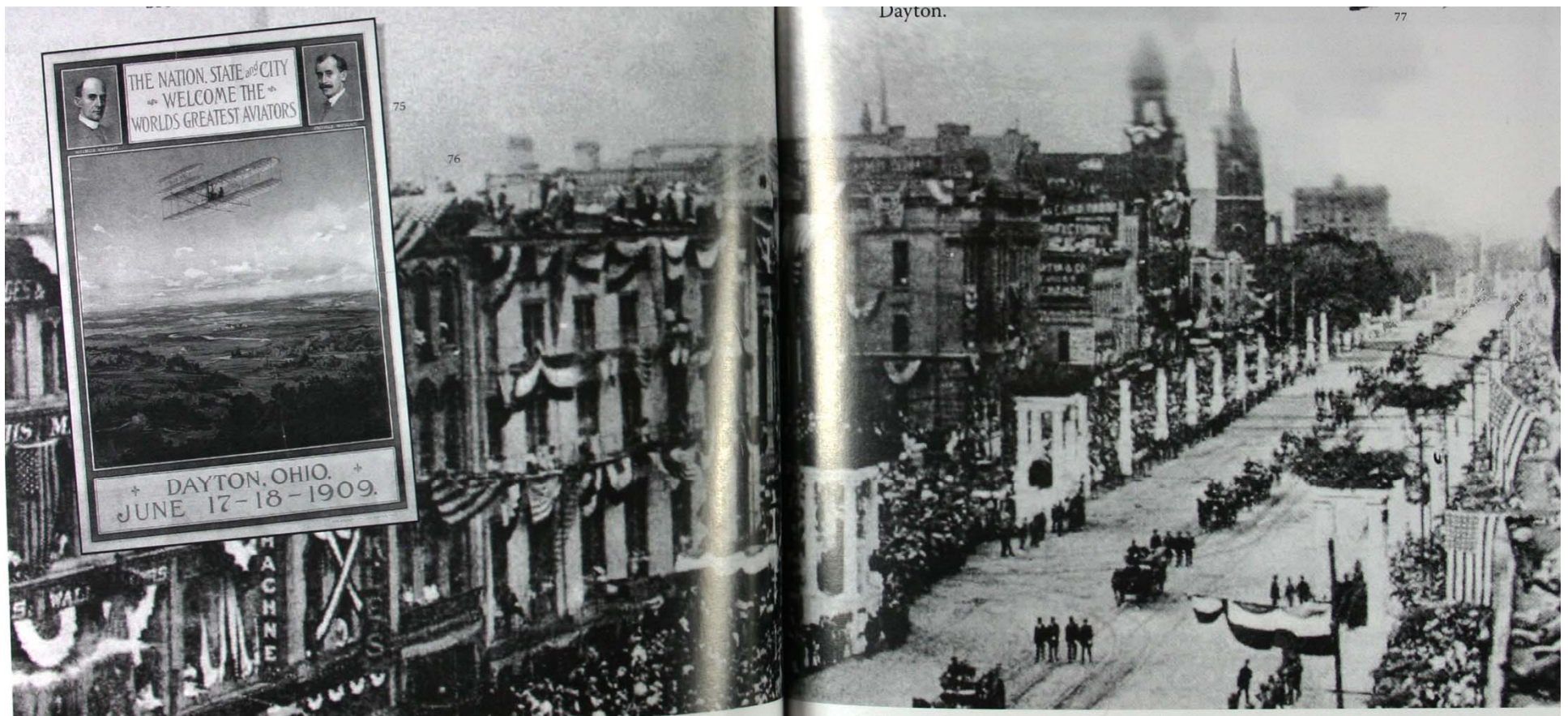
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Etranger : 28 francs
Non-posté d'abonnement : 20 fr. 50

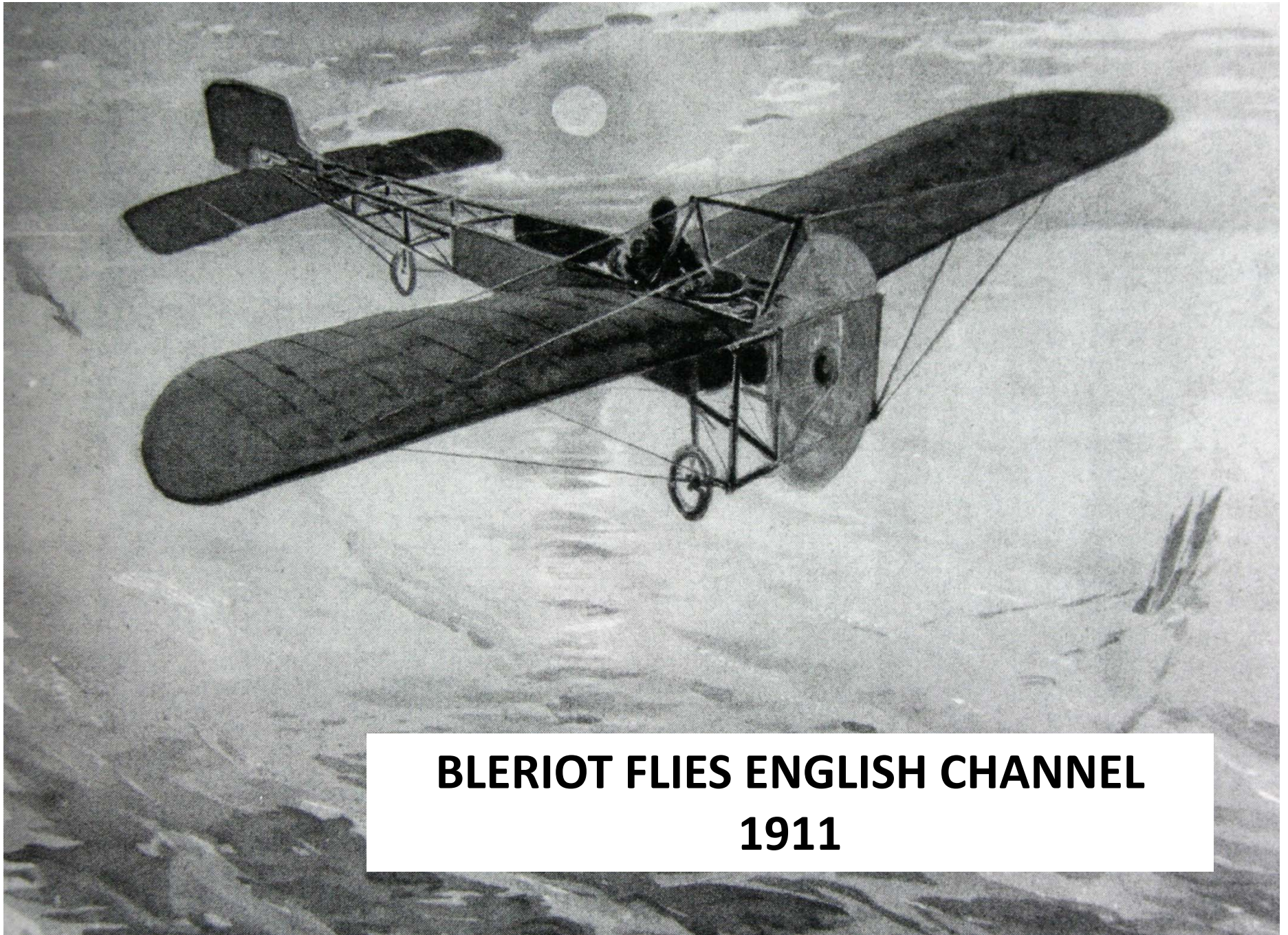


KATHARINE GETS A RIDE

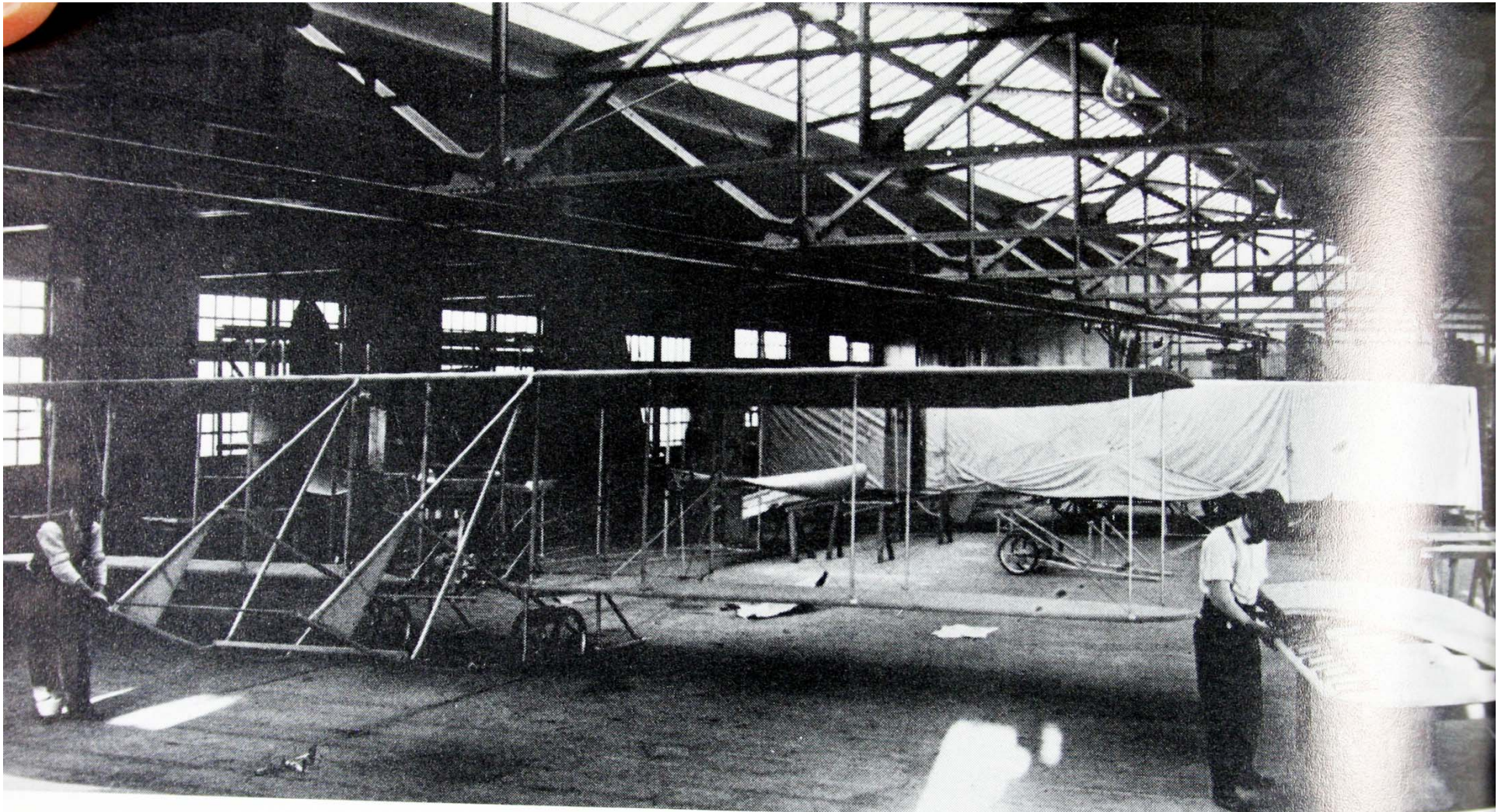




WRIGHT DAY IN DAYTON



**BLERIOT FLIES ENGLISH CHANNEL
1911**



WRIGHT COMPANY ASSEMBLY

*Hawthorn Hill in Oakwood, Orville's home
from 1914 to 1948.*
(Wright State University)

