

MS-355

Charles Wald Collection

**Special Collections and Archives
Wright State University Libraries**

**Processed by:
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Introduction

The Charles Wald Collection was given to Wright State University Special Collections and Archives by Quentin Wald, Charles' son, in January of 2007. One folder of materials was received.

The collection includes flight records and negatives. The flight diary and logs were written by Charles Wald in 1912 and the photographs were taken by him, with the exceptions of those in which he is shown, between 1910 and 1916.

The materials in the Charles Wald Collection date between 1910 and 1916. This collection documents the training of an early American aviator as well as the Wright Company's early involvement in water-based aviation.

The images in this collection have been scanned and are available online in Wright State University's Campus Online Repository (CORE Scholar):

http://corescholar.libraries.wright.edu/special_ms355/

There are no restrictions on the use of the Charles Wald Collection.

The Charles Wald Collection is organized into 2 series:

Series I: Flight Records

Series II: Negatives

Biographical Sketch

Charles Wald was an early American aviator trained at the Wright School of Aviation in Dayton, Ohio. In 1905, while stationed with the U.S. Custom Service in the Philippines, he learned about Wilbur and Orville Wright's achievements in flying. In 1906 he returned to the United States and visited the Wrights with the desire to learn to fly. The Wright brothers advised him to first learn engineering, so he began taking night courses at Pratt Institute in New York following his daytime work at the New York Custom House.

In 1911 Charles Wald secured employment with the Wright Company in Dayton. Following a brief return to the New York Custom House, he began flight training at Huffman Prairie Flying Field (Simms Station) on April 12, 1912 under the instruction of A.L. Welsh. His primary training was considered complete on April 23 with fourteen flights and a total of two hours and forty-six minutes in the air. During this time he also worked in the shop on engines and repairs. Wald returned to employment with the Wright Company in June following the tragic death of A.L. Welsh in a plane crash. He made his first solo flight on June 27. By August 6 he flew seventy-four additional flights, accompanied most of the time by a fellow student, William Kabitzki.

In 1912, the Wright Company established a school for water-based flying, known as the Wright air ferry, at the Glenwood Country Club in Glen Head, Long Island, New York. Charles Wald was put in charge of the operation, which was intended to direct the attention of wealthy yachtsman to the potential sport of water flying and to provide flying lessons. The school used a Wright Model B machine with floats attached to the landing skids. Wald's first flight with the hydroaeroplane occurred on September 9. On September 21, he flew nine miles across Long Island Sound from Glenwood Landing to New Rochelle Harbor and was greeted by enthusiastic onlookers. The Glen Head operation again garnered public attention on October 10 when a man who had fallen overboard a boat was rescued from the water by the hydroaeroplane. During the school's existence at Glen Head, the hydroaeroplane carried several passengers and newspaper cargo, but there is no record of any flying lessons being given. This may be why the operation lasted only one season.

Charles Wald formed the short-lived Manhattan Aeroplane Company in 1913 with Frank Willson and a Mr. Reiland. The company produced two or three airplanes, one of which was a flying boat. During World War I, Wald headed the inspection department at the Curtiss factory in Buffalo. He also managed the U.S. Navy seaplane racing team that won the Schneider Trophy in England in 1923. He retired from his aviation work with the naval service in 1947.

Scope and Content Note

Series I: Flight Records

The five pages of diary entries and forty-eight flight logs in this section were written by Charles Wald between Friday, April 12, 1912 and October 10, 1912. They describe Charles' flights at the Wright School of Aviation at Simm's Station in Dayton, Ohio between April 12 and August 7 and his flights in the Wright Model B hydroaeroplane in Glen Head, Long Island, New York between September 9 and October 10.

The flight records mainly contain information on weather conditions and aircraft performance. They reveal much about the unreliability of early airplanes and the constant maintenance and modifications that were needed. The flight logs also list locations, machine numbers, operators, time and date of flights, length of flights, wind velocity, remarks, and passengers. There is limited information on Wald's construction and repair work in the shop at Simms Station. Individuals mentioned in the records include Orville Wright, A.L. Welsh, Grover Bergdoll, and William Kabitzki.

Series II: Negatives

The negatives in this collection mostly depict early Wright aviators and aircraft at Huffman Prairie in Dayton and at Glen Head, Long Island. The photographs span the years 1910-1916. Of special note are photographic images of the Wright Model B hydroaeroplane at Glen Head in 1912. These are significant because most histories on the work of the Wright brothers suggest 1913 as the year of their earliest foray into water-based flying. Also depicted in these negatives is the Wright Exhibition Team in flight at the Indianapolis Motor Speedway in 1910 and the Wright Company factory in Dayton in 1911.

Identifying numerals are marked on each negative, generally on the emulsion side. These numbers are indicated by parentheses in the container listing.

The images in this collection have been scanned and are available online in Wright State University's Campus Online Repository (CORE Scholar):

http://corescholar.libraries.wright.edu/special_ms355/

Container Listing

Series I **Flight Records**

Three of these log books are available on CORE Scholar:

http://corescholar.libraries.wright.edu/special_ms355_diary_log/

Box	File	Item	Date
1	1	Diary, Simms Station	Apr 12-15, 1912
1	2	Diary, Simms Station	Apr 16-19, 1912
1	3	Diary, Simms Station	Apr 19-23, 1912
1	4	Diary, Simms Station	Apr 23, 1912
1	5	Diary, Simms Station	Jun 27-29, 1912
1	6	Flight log, Simms Station	Jun 27, 1912
1	7	Flight log, Simms Station	Jun 28, 1912
1	8	Flight log, Simms Station	Jun 29, 1912
		View the Simms Station Diary/ Flight Log on CORE Scholar:	Apr-Jun 1912
		http://corescholar.libraries.wright.edu/special_ms355_diary_log/1/	
1	9	Flight log, Simms Station	Jul 1, 1912
1	10	Flight log, Simms Station	Jul 2, 1912
1	11	Flight log, Simms Station	Jul 3, 1912
1	12	Flight log, Simms Station	Jul 4, 1912
1	13	Flight log, Simms Station	Jul 5, 1912
1	14	Flight log, Simms Station	Jul 6, 1912
1	15	Flight log, Simms Station	Jul 8, 1912
1	16	Flight log, Simms Station	Jul 9, 1912
1	17	Flight log, Simms Station	Jul 10, 1912
1	18	Flight log, Simms Station	Jul 11, 1912
1	19	Flight log, Simms Station	Jul 12, 1912
1	20	Flight log, Simms Station	Jul 13, 1912
1	21	Flight log, Simms Station	Jul 15, 1912
1	22	Flight log, Simms Station	Jul 16, 1912
1	23	Flight log, Simms Station	Jul 17, 1912
1	24	Flight log, Simms Station	Jul 18, 1912
1	25	Flight log, Simms Station	Jul 19, 1912
1	26	Flight log, Simms Station	Jul 20, 1912
1	27	Flight log, Simms Station	Jul 22, 1912
1	28	Flight log, Simms Station	Jul 23, 1912
1	29	Flight log, Simms Station	Jul 24, 1912
1	30	Flight log, Simms Station	Jul 25, 1912
1	31	Flight log, Simms Station	Jul 26, 1912
1	32	Flight log, Simms Station	Jul 27, 1912
1	33	Flight log, Simms Station	Jul 29, 1912

1	34	Flight log, Simms Station	Jul 30, 1912
1	35	Flight log, Simms Station	Jul 31, 1912
1	36	Flight log, Simms Station	Aug 1, 1912
1	37	Flight log, Simms Station	Aug 2, 1912
1	38	Flight log, Simms Station	Aug 3, 1912
1	39	Flight log, Simms Station	Aug 5, 1912
1	40	Flight log, Simms Station	Aug 6, 1912
1	41	Flight log, Simms Station	Aug 7, 1912
		View the Simms Station Flight Log on CORE Scholar:	Jul-Aug 1912
		http://corescholar.libraries.wright.edu/special_ms355_diary_log/2/	
1	42	Flight log, Glen Head, NY	Sept 9, 1912
1	43	Flight log, Glen Head, NY	Sept 17, 1912
1	44	Flight log, Glen Head, NY	Sept 19, 1912
1	45	Flight log, Glen Head, NY	Sept 21, 1912
1	46	Flight log, Glen Head, NY	Sept 22, 1912
1	47	Flight log, Glen Head, NY	Sept 23, 1912
1	48	Flight log, Glen Head, NY	Sept 28, 1912
1	49	Flight log, Glen Head, NY	Sept 30, 1912
1	50	Flight log, Glen Head, NY	Oct 2, 1912
1	51	Flight log, Glen Head, NY	Oct 4, 1912
1	52	Flight log, Glen Head, NY	Oct 5, 1912
1	53	Flight log, Glen Head, NY	Oct 10, 1912
		View the Glen Head, NY, Flight Log on CORE Scholar:	Sept-Oct 1912
		http://corescholar.libraries.wright.edu/special_ms355_diary_log/3/	
1	54	Blank flight logs	n.d.

Series II: Negatives

The images in this collection have been scanned and are available online in Wright State University's Campus Online Repository (CORE Scholar):

http://corescholar.libraries.wright.edu/special_ms355/

To search for a specific image from this collection in CORE Scholar, search for the item using the following format: ms355_01_FF, where "FF" is the two-digit File number listed in the finding aid. For example, to locate the first image listed, search for ms355_01_55.

Box	File	Item	Date
1	55	(3) Howard Gill in model EX	1910
1	56	(4) Model EX, designed for altitude, established a record of	1910

		9750 feet	
1	57	(5) First public exhibition flying in the U.S. by the Wright Company, Indianapolis Motor Speedway. Two machines in air are transition biplanes (Model A/B) with front and rear elevators	Jun 1910
1	58	(6) Orville Wright & Ralph Johnstone flying the transition Model A/B biplane, Huffman Prairie	Jun 1910
1	59	(7) Orville Wright demonstrating turns for his students in the transition Model A/B biplane, Huffman Prairie	Jun 1910
1	60	(8) Charles Wald in Model B, Huffman Prairie	1911
1	61	(9) Harry Atwood in Model B	Jun 1911
1	62	(10) Oscar Brindley	Jun 1911
1	63	(11) L to R: Clifford Turpin, T. DeWitt Milling, Oscar Brindley, John Rodgers playing poker, Huffman Prairie	1911
1	64	(12) Harry Atwood whitewashing a line across the field "in order to learn to fly straight," Huffman Prairie. In background: Howard Gill, Clifford Turpin, T.D. Milling, H.H. Arnold & A.L. Welsh	Jun 1911
1	65	(13) Harry Atwood "developing the sense of balance." Watching, L to R, are H.H. Arnold, A.L. Welsh, T.D. Milling, Orville Wright, Oscar Brindley and Calbraith Rodgers keeping time	1911
1	66	(15) Aerial view of Ohio countryside	Jun 1911
1	67	(18) The Wright Company factory, Dayton	1911
1	68	(19) A.L. Welsh and Cal Rodgers in Model B	1911
1	69	(22) Details of Model B	1911
1	70	(23) Side view of Model B	1911
1	71	(24) Charles Wald at controls of early Model B, Huffman Prairie	Apr 1912
1	72	(25) Charles Wald at controls of converted Model B	Apr 1912
1	73	(26) A.L. Welsh and Charles Wald in flight over Huffman Prairie	Apr 1912
1	74	(27) A.L. Welsh and Charles Wald	Apr 1912
1	75	(31) Charles Wald and Grover Bergdoll	Apr 1912
1	76	(32) Model B, Huffman Prairie	1912
1	77	(33) Tail of a Wright biplane in flight	Jun 1912
1	78	(36) Charles Wald in flight, Huffman Prairie	1912
1	79	(37) L to R: Max Lille, Wm. Kabitzke, Charles Wald and Norman Prince	Aug 1912
1	80	(38) The Wright Model B hydroaeroplane in the hangar at Glen Head, Long Island	Sep 1912

1	81	(39) The Wright Model B hydroaeroplane in the hangar at Glen Head, Long Island	Sep 1912
1	82	(40) The Wright Model B hydroaeroplane in the hangar at Glen Head, Long Island	Sep 1912
1	83	(41) Charles Wald in hydroaeroplane on the launching ways	Sep 1912
1	84	(42) Charles Wald in hydroaeroplane on the launching ways	Sep 1912
1	85	(43) The hydroaeroplane leaving the launching ways	[Sep 1912]
1	86	(44) A posed photo to illustrate a newspaper account of the rescue by the hydroaeroplane of a man lost from a boat at Glen Head, Long Island	Oct 1912
1	87	(45) The hydroaeroplane in the hangar at Glen Head, Long Island	Oct 1912
1	88	(46) The hydro taxiing, a four-masted schooner in the background	1912
1	89	(48) Flying boat built by the Manhattan Aeroplane Company, Charles Wald at the controls	1913
1	90	(49) The flying boat on the beach at Huntington, Long Island. Charles Wald nearest to the hull	1913
1	91	(50) Guy Gilpatrick and Art Heinrich in front of "Standard" military trainer, Mineola, Long Island	1916
1	92	(51) Charles Wald and Curtiss JN-4 "Jenny" training plane, 2 nd Aero Company, New York National Guard, Hempstead Plains, Long Island	Jul 1916