

## *1911, Kitty Hawk, North Carolina*

View of Kill Devil Hill, where the first gliding experiments were conducted by the Wright brothers in 1900, Kitty Hawk, N.C., 1911. Orville, accompanied by his brother Lorin, his nephew Horace, and his friend Alexander Ogilvie, of England, arrived for the purpose of conducting gliding experiments with a glider resembling the Wright 1911 powered machine but lacking its motor, October 10.

**LC-W86-120; MCFWP 202**

Crate containing Orville's 1911 glider being unloaded from wagon in front of camp building.

**SMIN 42,970-B**

Glider being assembled in front of camp building.

**SMIN 42,970-A**

Side view of glider inside camp building, ladder leading to sleeping quarters overhead visible at extreme right.

**SMIN 42,683**

Orville, back to camera, officiating in kitchen of camp, utensils visible hanging on wall.

**R Aero Soc J. v. 57, Dec. 1953: 792**

Front view of glider in front of camp building.

**LC-W86-116; SMIN 42,683-D. Similar: LC-W86-114; corner of camp building only: LC-W86-115**

Instrument mounted on strut during 1911 gliding experiments.

**SMIN 42,683-C**

View of rudders and elevator of glider in front of camp building.

**LC-W86-113; SMIN 42,683-A**

Close-up view of rudders and elevator of glider in front of camp building.

**LC-W86-112; SMIN 42,685-E**

Close-up view of glider boom, Alexander Ogilvie behind it.

**SMIN 42,971-A**

Full front view of glider resting in sand dune, four persons standing at left of seat, two sitting at right of seat.

**SMIN 42,971-D**

Glider being prepared for flight by Orville and assistants, a number of reporters at right near glider.

**LC-W86-107; MCFWP 198; USAF 48633**

Close-up view of center section of glider showing Orville, in seat, turning right to adjust wires.

**SMIN A52,375**

Close-up view of center section of glider with Orville kneeling on seat of glider where he rested his arm, turning to his right to face camera.

**SMIN A52,373**

Orville, wearing topcoat and broad-brimmed hat, at end of glider, right arm outstretched to fasten a wire at upper wing of glider.

**SMIN A52,376**

Close-up view of center section of glider with Orville making adjustment to glider near seat, Alexander Ogilvie close by looking on.

**SMIN A52,378**

Orville at work on glider boom, Alexander Ogilvie assisting him at his right.

**SMIN 42,971-E**

Close-up view of center section of glider with Orville seated facing camera, unidentified person kneeling in front watching him.

**Popular Mechanics, v. 16, Dec. 1911: 799**

Orville on bended knee at right making repairs to glider, Alexander Ogilvie at left.

**Aero, v. 3, Nov. 4, 1911: 94**

Orville seated in glider making needed adjustments, Alexander Ogilvie looking on.

**RAero Soc J, v. 57, Dec. 1953: 790; SMIN 42,970-J**

Wright glider being carried up hill over sandy area, two men at front of glider, one man at rear.

**SMIN 42,970-F**

Front view of glider being dragged up sand dune, cameraman ahead at right.

**Aero J, v. 20, July/Sept. 1916: b. 80-81; BBAKH  
SMIN 42,971-F**

Glider being carried up hill, tail first, by three men, an unidentified man following at left.

**Aero Club Am Bul, v. 1, Jan. 1912: 21; D Zeit Luft,  
v. 15, Nov. 29, 1911: 23; RIESW SMIN A52,386**

Three-quarter left rear view of glider in flight.

**LC-W86-108; SMIN 42,413-C. Similar: LC-W86-  
110; LC-W86-111**

Right rear view of glider descending and close to ground, Alexander Ogilvie aboard, onlookers at left.

**Aero J, v. 20, July/Sept. 1916: b. 80-81; BBAKH  
(without spectators); R Aero Soc J, v. 57, Dec. 1953:  
791; SMIN A42,970-D**

Right rear view, from below, of glider at a considerable height.

**SMIN 42,970-E**

Left rear view of glider in flight at low altitude showing fixed vertical fin attached to a front strut.

**LC-W86-118; HAWBHP 91; SMIN A42,683-B**

Left side view of Orville gliding at a considerable height, in level flight.

**Aero J, v. 20, July/Sept. 1916: b. 80-81 SMIN  
42,970-G; USAF 48636; USAF 10471 AC.**

Left rear view of glider in flight at high altitude.

**LC-W86-119; SMIN 42,971-B**

Right rear view of glider descending from hill.

**SMIN 42,971-C**

Right side view of glider in flight at a considerable height.  
**SMIN 42,971. Similar: R Aero Soc J, v. 57, Dec. 1953: 792**

Side view from below of Orville soaring, in level flight, spectators looking up at glider.  
**LC-USZ62-66609; LC-W86-117; MCFWP 200. Similar: D Zeit Luft, v. 15, Nov. 29, 1911: 23; RIESW SMIN A52,381**

Glider on left wing tip and tail turning over, with Orville hanging from struts, October 23.  
**MCFWP 201; Aero J, v. 20, July/Sept. 1916: b. 80-81; GLWB, b. 40-41; MILWA v. 2: 244; USAF 10470 A.S.**

Glider turning a somersault with Orville clinging to it, Alexander Ogilvie racing from right to assist him.  
**Collier's, v. 48, Nov. 11, 1911: 20; MILWA v. 2: 244; Popular Mechanics, v. 16, Dec. 1911: 801**

Orville seated in glider just before starting a glide, Alexander Ogilvie in front of glider on the right.  
**Aero, v. 3, Nov. 4, 1911: 94; Collier's, v. 48, Nov. 11, 1911: 20; SMIN A52,579**

Right front view of glider in flight.  
**LC-USZ62-56250; LC-W86-101; MCFWP 199; Atmosphere, 1943: CXXXIX; GLWB b. 40-41; HAW-BHP 92; SMIN 17,132-C; SMIN 42,970-C; USAF 48634; USAF 10468 A.C. Similar: SMIN 42,413-D**

Left front view of glider in flight.  
**SMIN 42,412; USAF 10472 A.S.**

Right front view of glider in low flight over sand, Alexander Ogilvie at rear of glider.  
**SMIN 42,971-H**

Right rear view of glider in flight over sand dunes, Orville aboard, 11 spectators at lower left of picture gazing up at glider, among them Alexander Ogilvie, Lorin Wright, members of the U.S. lifesaving crew, and men from the nearby lighthouse, on October 24. This flight lasted 9 minutes, 45 seconds, establishing a new soaring time record (exceeded in Germany 10 years later).

**LC-BECK; Aero J, v. 20, July/Sept. 1916: b. 80-81; BBAKH; KELMKH b. 238-239; New York Herald, Dec. 16, 1923; R Aero Soc J, v. 57, Dec. 1953: 791; USAF 48635; USAF 10469 A.S.; U.S. Air Service, v. 7, Dec. 1922: 8**

Left rear view of glider in flight, Alexander Ogilvie below machine, news cameramen in foreground.

**Aero, v. 3, Nov. 4, 1911: 93; Aero Club Am Bul, v. 1, Jan. 1912: 21; Aeroplane, v. 1, Nov. 9, 1911: 544; Collier's, v. 48, Nov. 11, 1911: 20; D Zeit Luft, v. 15, Nov. 29, 1911: 23; Popular Mechanics, v. 16, Dec. 1911: 803; SMIN 43,061; SMIN A52,382. Similar: D Zeit Luft, v. 15, Nov. 29, 1911: 23; SMIN A52,385**

Left rear view of glider descending from hill showing fin attached to front strut.

**BUFJM 13; GSWB 29; RIESW, SMIN A52,383**

Left front view of glider in level flight.

**SMIN 42,970-K**

Left front view of glider in flight, Orville establishing a soaring record of 9 minutes, 45 seconds, October 24.

**SMIN 42,412-B; USAF 10471 A.S.**

Alexander Ogilvie, Orville, and Horace Wright standing in front of camp building.

**SMIN 42,971-K**

Lorin Wright, Alexander Ogilvie, and unidentified man near well at a Kitty Hawk residence.

**SMIN 42,970**

Group portrait taken in front of glider at Kill Devil Hill. Sitting: Horace Wright, Orville, and Alexander Ogilvie; standing: Lorin Wright, and group of journalists, including Van Ness Harwood of the *New York World*, Bergees of the American News Service, Arnold Kruckman of the *New York American*, Mitchell of the *New York Herald*, and John Mitchell of the Associated Press.

**LC-W86-106; USAF 48633**

Orville, back to camera, in broad-brimmed hat, watching glider descending from hill, Alexander Ogilvie probably making the glide, camp building below visible in distance.

**D Zeit Luft, v. 15, Nov. 15, 1911: 20; Sci Am, v. 105, Nov. 4, 1911: 405; Vie grand air, v. 21, June 8, 1912: 400**

Orville sitting on deck of boat with an unidentified person and his brother Lorin, his nephew Horace, and his friend from England, Alexander Ogilvie.

**SMIN 42,970-H; SMIN 42,971-J**