

Minutes-October 16, 2025, General Meeting

By Jim Gifford N8KET, Secretary
Executive Committee Members Present
President: Geoff Kline, KI5VNB, Relocation Committee
Vice President: Eric Bramini, KC8OPY, Relocation Committee
Treasurer: John Westerkamp W8LRJ, Webmaster, Relocation Committee
Secretary: Jim Gifford N8KET, Relocation Committee, Clubhouse Move-in

Executive Committee Members Absent
Senior Director: Bob French AC8ZU, POTA, Tech Night
Junior Director: Don Macon KE8WVJ, Relocation Committee

President Geoff Kline KI5VNB led with the Pledge of Allegiance. Introductions were made and we recognized visitors and new and advanced hams.

September meeting minutes

Ken GuntonW8ASA moved we accept; Eric Bramini KC8OPY seconded; passed.

Treasurer’s report –John Westerkamp

John Westerkamp emailed the report earlier:

“The last month or so has seen mostly expenses for clubhouse updates and antenna systems. We are fortunate to have had over \$3682 in donations to offset the \$3575 in expenses so far. The electrical work is completed and I am still waiting for the invoice. Our only additional large expense to come is the hexbeam and associated mounting hardware as well as some minor expenses as we finish updating the new clubhouse. Our balance as of the October Membership meeting is \$12,583.81. This report does not include a \$600 expense for the gas leak repair.

The 2026 Budget is attached and includes moving additional funds to the Communications account for the rooftop antenna work as well as re-establishing the CD once things settle down. I have also attached the Relocation Expenses Summary.”

Thanks!

John Westerkamp, W8LRJ
Treasurer

Fund	30-Sep-25	Income	Expenses	31-Oct-25
General	\$10,664.52	\$0.00	\$330.13	\$10,334.39
Comm center	\$1,007.43	\$0.00	\$0.00	\$1,007.43
Refreshments	\$922.46	\$0.00	\$0.00	\$922.46
Repeater	\$319.53	\$0.00	\$0.00	\$319.53
All Liquid Funds	\$12,913.94	\$0.00	\$330.13	\$12,583.81
6 Month CD	\$0.00	\$0.00	\$0.00	\$0.00
ALL FUNDS	\$12,913.94	\$0.00	\$330.13	\$12,583.81

Westerkamp also presented the 2026 Budget, which he had emailed earlier. A vote will be taken at the November membership meeting.

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Jim Totten WA8HUB moved we accept the Treasurer's Report; Glenn Rodgers WI8O seconded; passed.

Nominations Committee Steve Siwecki

Steve Siwecki KD8NUC told attendees that the committee was in the middle of the process seeking nominations. He said an email was sent to members, plus a nomination form was handed out tonight.

Geoff Kline provided the following relocation updates

Kline suggested that we try to work with the pre-school teacher and have a BARC Santa Clause.

Officer/Coordinator Announcements

Tink Siwecki KD8NUA announced the final BARC Movie Night of the year to occur October 23.

John Westerkamp said that since the Internet is now operational at the repeater site, members who wish to do so should try out System Fusion.

Update on Radio Room Accident- Geoff Kline

- * Coax cable pull work, cause a gas leak
- * Building was evacuated and gas leak repaired same day
- * BARC covering cost about \$500
- * Working with school on new project approval plan
- * Basic agreement in place, finalize next week
- * Expect clubhouse keys returned next week
- * details to follow final approval

New BARC Policy

Kline moved we adopt the following policy for BARC:

- * No BARC member shall personally climb, hire or engage any individual to climb any tower used by BARC.
- * If the officers determine a tower climb is required, the climber must hold a current tower climbing certification and must have proof of insurance.
- * The President will present the tower climbing plan and climber credentials to the school representative (typically the business manager) and receive approval before any climb begins.
- * Any member who violates this section will be subject to disciplinary actions up to and including revocation of membership as described in section 8 of the club's constitution.

Glenn Rodgers moved we accept; Frank Beaford WS8B seconded; passed

Update constitution 2.3.7.5- Duties of the Junior and Senior Directors

Steve Siwecki brought forth the following motion to adopt 2.3.7.5 (first reading). Geoff Kline described the motion and its necessity.

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The junior director will serve as the clubhouse safety director, to ensure that all club activities, projects, and equipment installations in the radio room and associated areas are done safely, and in compliance with known requirements.

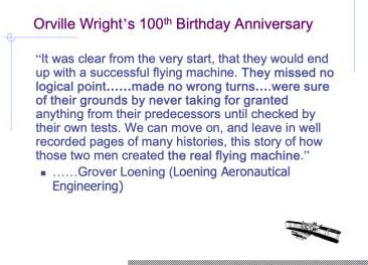
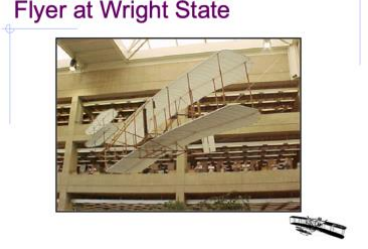
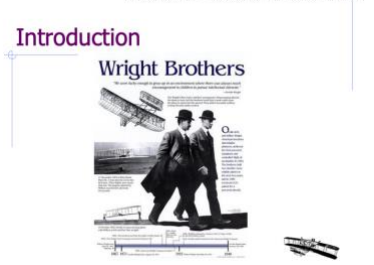
The senior director will fill the role of clubhouse safety director in the absence of the junior director.

The junior director will communicate any safety concerns to the president.

Larry Darner KD8RER seconded; passed.

Presentation – Frank Beafore – The Wright Brothers Engine

The whole presentation may be viewed on the BARC web pages. It was too large to include all the slides here.



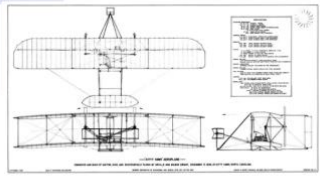
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The work of “bicycle men”

- ◆ No surprise, that the first flyer was based on the bicycle design of the day.
 - Triangular Frame for rigidity
 - Spokes for fasteners
 - Hubs for rail guides
 - Sprockets for controls



Flyer 1 - Views



The First Aerospace Scientists

- ◆ Without the Wright's basic Scientific Approach, man would, probably not fly for another 10 to 15 years.
- ◆ First successful propeller design,
- ◆ First variable control surfaces (wing warp),
- ◆ First air tunnel,
- ◆ First air tunnel instruments,
- ◆ First light weight propulsion unit.



The Big Question

Who can / will build an engine of approximately 150 pounds mass, and deliver 12 horsepower?

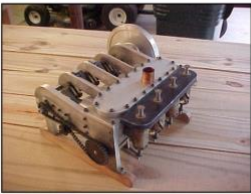


Engine – The Beginning

Having it's roots in a modified machine shop engine, Charles Taylor, under the direction of Wilber and Orville Wright, designed and built the first controlled, manned, aircraft propulsion unit. After being rejected by many automotive engine builders, the Wrights turned to Charles Taylor to completely engineer and build the engine. Using excellent engineering rules, the engine was developed to deliver the appropriate horsepower to weight ratio and the correct physical form factor.



½ Scale Model – Bellbrook, OH



Where are the other models ?

- ◆ One Full Scale Model at Wright Brothers Airport, Springboro, OH
- ◆ One Full Scale Model at Caltech
- ◆ One 1/3 Scale, Howard DuFour
- ◆ One ½ Scale in Dearborn, MI (Greenfield Village)
- ◆ One ½ Scale in Bellbrook, OH

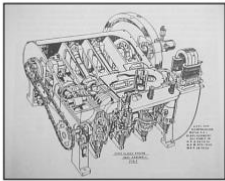


The Power Unit

- ◆ 152 Pounds Dry
- ◆ 170 Pounds Wet
- ◆ 12 Hp at 1020 RPM
- ◆ 4 Cylinder, 4 Cycle, Gasoline
- ◆ 4 Inch Bore x 4 Inch Stroke
- ◆ Low Tension Make/Break Spark
- ◆ 10V / 4Amp Ignition



Engine Details



Building the ½ Scale Model

- ◆ Based on drawings by Ford Motor Company – Greenfield Village.
- ◆ Original was cast aluminum.
- ◆ Model is aluminum plate Construction.



Conclusion

- ◆ The Wright Brothers find that three conditions were necessary for flight:
 - Structured for lift (cambered wings);
 - a controlling or steering mechanism (3-axes of rotation-roll, pitch and yaw);
 - and a Method of propulsion – the Engine.



Bibliography

- Charles E. Taylor The Wright Brothers Mechanical Howard DuFour
- The Bishop's Boys – Tom Crouch
- Grand Eccentrics – Mark Bernstein
- Kill Devil Hill – Martin Caidin
- Wright From The Start – James F. Aldridge
- How We Invented The Airplane – Orville Wright
- Twelve Seconds To The Moon – Young and Fitzgerald
- The Wright Brothers – Fisk and Todd



Ken Gunton moved we close the meeting; Larry Darner seconded; closed at 8:55pm.