

✈ Aircraft Build Resources

Experimental Aviation • Amphibious Aircraft • Builders • Hangars • Community Connections

Building an aircraft is a journey of craftsmanship, engineering, learning, and adventure. Whether you're exploring amphibious aircraft, joining a builders' community, or searching for hangar space, these resources can help support your aviation goals.

Amphibious Aircraft

New Polaris

Innovative amphibious and flying boat aircraft designs, including the Flying Inflatable Boat (F.I.B.) project.

Website:

<https://newpolaris2020.com/web/>

Experimental Aircraft Community

Experimental Aircraft Association (EAA)

The world's leading organization for homebuilders, restorers, pilots, and aviation enthusiasts. Founded in 1953, EAA provides education, mentorship, technical resources, local chapters, and the renowned AirVenture Oshkosh gathering.

Website:

<https://www.eaa.org/ea>

Experimental Aircraft Builders Community

Connect with builders, pilots, mechanics, engineers, and aviation enthusiasts from around the world.

Facebook Group:

<https://www.facebook.com/groups/EXPERIMENTALAIRCRAFT/>

Hangar Resources

Hangar Trader

A marketplace dedicated to aircraft hangars, offering opportunities to buy, sell, lease, and rent hangar space throughout North America.

Website:

<https://www.hangartrader.com/>



Donations & Fundraising Resources

Boat Angel

A nonprofit boat donation program accepting boats, yachts, sailboats, personal watercraft, and other marine vessels. Donations help support charitable programs and community outreach.

Website:

<https://www.boatangel.com/>



Builder's Roadmap

Getting Started

- Join EAA and connect with a local chapter
- Research aircraft designs and mission requirements
- Visit fly-ins, workshops, and builder gatherings
- Learn FAA Experimental Aircraft regulations

Building Phase

- Select a kit or plans-built aircraft
- Establish a workshop and tool inventory
- Document construction progress carefully
- Seek mentorship from experienced builders

Certification & Flight Testing

- Complete inspections and documentation
- Obtain airworthiness certification
- Conduct flight testing safely and methodically
- Join the wider experimental aviation community



Quick Resource Directory

Amphibious Aircraft

<https://newpolaris2020.com/web/>

Experimental Aircraft Association

<https://www.eaa.org/eea>

Experimental Aircraft Builders Community

<https://www.facebook.com/groups/EXPERIMENTALAIRCRAFT/>

Hangar Search & Rental

<https://www.hangartrader.com/>

Boat Donations

<https://www.boatangel.com/>

"The airplane teaches us flight, it also teaches patience, precision, and the courage to build something extraordinary." → 🛠️ 🌍