



"To promote, encourage, and facilitate in a harmonious and inclusive manner all recreational aviation activities with an emphasis on education, safety and fellowship."

Upcoming Programs

Gary Arms, Program Chairman

Tuesday, August 1: Jerry Cadle, a pilot and lawyer from Swainsboro, will be with us to cover his trip to Cuba in a Cessna 172. He was among the first general aviation aircraft to land there in over 50 years.

Tuesday, September 5: Former Mosquito Control pilot and CFI Mark Hansen will be with us to discuss his flying career, tips/reminders for pilots, and his new flight school at Hodges Airpark.

Tuesday, October 3: (tentative) Carol and Brian Carpenter of Rainbow Aviation/Adventure Aircraft will present a webinar on the EMG-6 electric motor glider.

Tuesday, November 7: (tentative) Michael Badger will discuss advanced flight simulation.

Tuesday, December 5: Annual Christmas Party

The New Airplane Project: Vans R9

Part One - Workbenches

By Jack Scott

The first part of any airplane project is organizing your workspace and making a place to build. That means building workbenches.

Plans for the benches described here are available on the net; these are based on Keith Gay's adaptation of Bill Leftwich's adaptation of the original design. Each bench measures 2' by 8', with a work top 34" above the floor and a shelf for storing parts or tools about 6" off the floor.

Each bench is built from a 4'x8' sheet of 1/2" plywood, eight 2x4s 96" long, four 2" casters, and 1.5" and 3" construction screws.



New Build - continued on [page 3](#)

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EAA Chapter 1514 usually meets the first Tuesday of every month at 6:30 PM at Lovezzola's Pizza, (328 US Highway 80, Pooler. 912-748-6414) or at an offsite location as dictated by that month's program.

Details of this month's programming can be found online at www.eaa1514.org or at **Upcoming Programs** in this publication.

**The deadline for the September 2017 newsletter is:
Close of Business, August 25, 2017.**

FAA Safety Team | Safer Skies Through Education Act Now to Reserve your ADS-B Rebate!

Notice Number: NOTC7263

Attention pilots and aircraft owners: It's **not** too late to apply for your ADS-B rebate!

For a limited time, the FAA is offering a **\$500 rebate** for new ADS-B installations in fixed-wing, single-engine piston aircraft. The FAA is implementing this program to emphasize the urgent need for pilots to equip for the ADS-B Out rule ahead of the January 1, 2020 deadline.

The last day to make a rebate reservation is **September 18, 2017**, if reservations are still available. Once the reservation is established, you will still have up to 150 days to complete the remaining steps in the process.

Are you eligible for a rebate? Please visit faa.gov/go/rebate/ for details.

Questions? For questions about the ADS-B rebate program, please contact ADSBRebateHelp@faa.gov.

Are You Mixing Meds and Flying?

Notice Number: NOTC7278

Mixing meds with flying is a potentially deadly combination! Impairment, particularly from over-the-counter drugs, is a common factor in a number of general aviation accidents. Learn more about how medications can compromise a pilot's ability to control an aircraft in this month's fact sheet at: <http://1.usa.gov/2u71VqX>

Produced by the *FAA Safety Briefing* editors,
http://www.faa.gov/news/safety_briefing/

Address questions or comments to:

SafetyBriefing@faa.gov.

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<https://twitter.com/FAASafetyBrief>

The first step in building the bench is cutting the wood to size. The place where you buy lumber can cut the plywood sheet for you, the rest can be cut with a chop



saw or circular saw.

- Cut the plywood sheet in half lengthwise, yielding two 2' by 8' sheets.
- Cut four 2x4s to 96", these are the bench frame longerons.
- Cut two more 2x4s to get eight 21" long frame cross pieces.
- Cut the remaining two 2x4s to get four 32" legs and four 4" leg bottoms.

Start by building the legs. Attach a 4" 2x4 to the end of each 32" 2x4 using 3" construction screws.

The table top frames come next.

- Attach two 21" cross pieces to two 96" long pieces with 3" construction screws to create a 24" x 96" frame.
- Add two more 21" cross pieces 32" from each end to complete the frame.
- Build the second frame on top of the first so you don't have to measure things a second time.



Take one of the 2' x 8' plywood boards and make a 3" x 5" cutout in each corner. This will be the bottom shelf, the cutouts allow the bench legs to pass through.

Attach each 2' x 8' plywood board to a frame using 1.5" construction screws. The plywood board's edges should



be flush with the frame's edges.

Set the four legs on the ground and set the bottom shelf



(the one with the cutouts) on the legs. The legs go through the cutouts, the shelf's frame rests on the 4" boards attached to the legs.

Set the worktop on top of the legs, with each leg inside the frame and the top of the leg resting against the bottom of the plywood.

Clamp the bench together and make sure it's square, then attach the legs to the table frames with 3" construction screws.

Tip the bench on its side and attach a caster to the bottom of each leg with 1.5" construction screws. Rotate the completed bench upright and admire your work. You may want to sand the table top and legs smooth and paint or varnish the bench.

**Note: During assembly, ensure components stay plumb and square.*

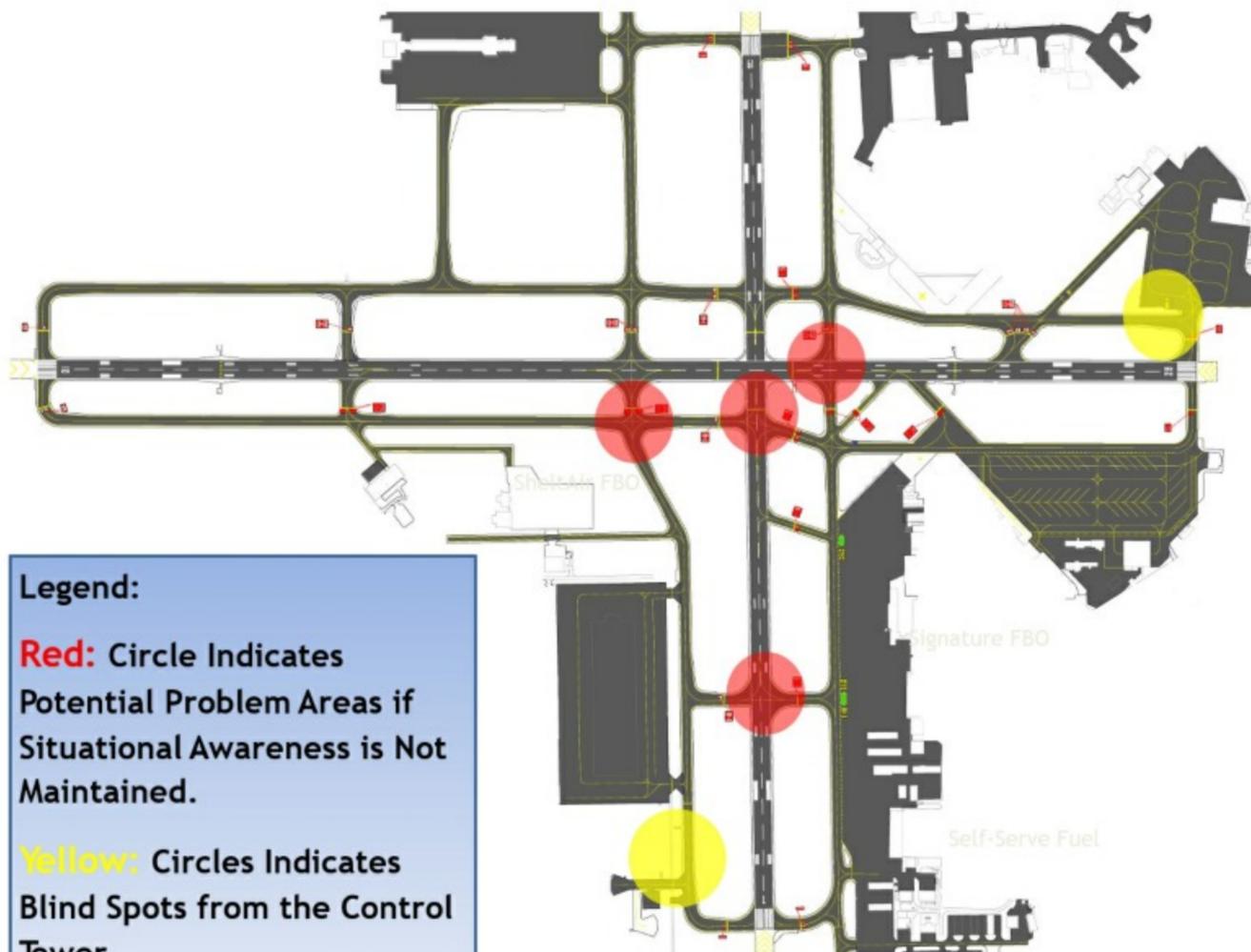
My pictures don't match my instructions exactly, I used 24" end pieces attached to the end of 93" long pieces but described 21" end pieces between 96" long pieces. The bench as described

requires less measuring and fewer cuts and the end product is essentially identical.



FAA Savannah Air Traffic Control Tower

Known Problem Areas at Savannah International Airport



Legend:

Red: Circle Indicates Potential Problem Areas if Situational Awareness is Not Maintained.

Yellow: Circles Indicates Blind Spots from the Control Tower.

It's REALLY important for ATC to get a proper and accurate read-back from you - and it needs to include your call sign.

Never make assumptions - if you have any doubts about what we need you to do, please, ask for progressive taxi instructions.

Prior to taxi or landing, please take a look at the airport diagram. If we ask you to exit the runway on taxiway Alpha, it's very helpful if you already have an idea where Alpha is.