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Larry Borton  
President

Dick Best  
Vice President

Steve Harsh  
Treasurer

Stephen Colby  
Secretary

### Board of Directors:

Mark Coucke (2-year Term)  
Chet Dawson  
Frank Eastman  
Dave Oxendale (2-year Term)  
John Yurkon

### Bookkeeper/Membership Coordinator:

Dick Best  
517-351-4675  
517-285-6688

### Maintenance Manager:

Chet Dawson  
517-339-3727  
517-449-2182

### Maintenance Assistant:

Steve Ballbach  
517-331-4390

### Newsletter Editor:

Dick Best

# The Monthly Flyer

November-December 2021 Vol. 76 No. 11-12

## BOARD APPROVES AVIONICS UPGRADES

At the December meeting, the board approved purchasing a Garmin GFC 500 Digital Autopilot for the Archer and upgrading the Skyhawk 430 WAAS GPS navigator to a Garmin GTN 650 xi which will match the new GPS in the Archer, thus keeping the NAV/COM features in both planes the same. Beacon Aviation in Grand Ledge submitted the winning proposal which includes a substantial discount for doing both projects.

Neither of these projects will be happening right away. Garmin is experiencing supply chain problems. The equipment has been ordered but the autopilot parts are not scheduled to arrive until February 18th, while the Skyhawk parts are scheduled for June 28th. Beacon is ready to go when the parts arrive.

The autopilot has amazing features including the blue LVL button which will right the plane from an unusual attitude and the Smart Glide button which will glide the plane to a nearby airport in the event of an engine failure. Read all about it here: <https://www.garmin.com/en-US/p/604257>



### BOARD MEETING

Thursday, January 20th, 6 PM (1800)

ZOOM Meeting link will be emailed

All members encouraged to attend

# Pilot's Tip of the Week

## Activating an Approach

"Can you explain the difference between loading and activating an approach in a GPS? I know this is a common area of confusion" —Joe M.

Doug Stewart replies:

"The first step in removing the veil of confusion is remembering that a GPS primarily navigates TO a fix or waypoint. When we have a flight plan it will sequence from one fix to the next (unless we suspend that sequencing, such as if we must hold).

Look at the flight plan for a flight from KGON to KOWD via ORW and WOONS. While we're in flight and the GPS is taking us from ORW to WOONS, we decide we want the RNAV Rwy 35 approach, starting at DODNE.

Loading the approach will put the approach procedure and its waypoints at the end of the flight plan, *after* the destination airport—but the GPS will still be navigating us to WOONS and from there to KOWD. This is correct because we haven't been cleared for the approach. The GPS will sequence from waypoint to waypoint to the destination airport, as cleared. This approach is not active. You can tell that because the magenta arrow to the left of the flight plan waypoints is *above* the approach procedure title.

When ATC clears us to DODNE, we should activate the approach. We can do this by selecting "Activate approach" or by entering direct-to the initial approach fix. These do exactly the same thing. If ATC clears us to an intermediate fix, we can use direct-to that fix, which will also activate the approach inbound from the IF. If ATC vectors us for the approach, we can activate vectors-to-final or a leg of the approach we expect to intercept.

In all of these cases, the approach is now active—there's no need to later "activate" the approach. How do you know it's active? Because the magenta arrow for direct-to or an active leg appears *below* the approach procedure title.

So to avoid any confusion, don't activate an approach until ATC clears you to either the initial fix, any fix inside the IAF or for vectors-to-final—and don't get confused thinking you have to reactivate it if you used a direct-to for getting established on the approach."



# November 2021 Board Meeting Minutes.

## Olds Forge Flyers - Meeting Minutes

Date:	10/21/2021	Time:	6:00	Location:	Zoom Conf Call
Attendance:					
Board Member		Attended	Member / Guest In Attendance		Member
Larry Borton - President		X	Clark Radcliffe		X
Dick Best - Vice President		X			
Steve Harsh - Treasurer		excused			
Steve Colby - Secretary		X			
Dave Oxendale (2 yr)		X			
Mark Coucke (2 yr)		X			
Chet Dawson		X			
Frank Eastman		X			
John Yurkon		X			
AGENDA AND DISCUSSION:					
1	Call to Order (President or Executive Member)				
	Meeting called to order by Larry B. at 6:00 pm				
2	Additions to Agenda: (Board)				
	None at this time.				
3	Approval of Minutes of Previous Meeting: (Colby)				
	September minutes submitted via e-mail by Steve C. for Board review. Motion to approve the minutes by John Y., 2nd by Dave O. Motion approved without opposition.				
4	Review and Approval of Treasurers Report: (Harsh)				
	Treasurer's report sent out previously via email. Larry B. summarized the report as follows. Finances are looking good. Income is meeting budget. Operating expenses are less due to lower fuel and annual inspections. Question by Dick B. regarding the required contingency funds and the possibility of upgrading the Archer autopilot and the Skyhawk Nav/Com. Chet D. to follow up with Beacon for a GTN650Xi quote in the Skyhawk.  Motion to approve by Steve C., 2nd by Dick B., motion approved without opposition.				
5	Maintenance Report: (Dawson)				
	Archer - GPS updated thru Nov 4th, Will try another fix for the interior trim screw. AI is adjusted, the heading display is fixed with the movement of the beacon power supply. No issues found to explain the poor radio reception. Chet to follow up with Beacon for improvement ideas. Clark R. had issues with the radio reception at lower altitudes, better at higher altitudes.  Skyhawk - GPS updated thru Nov 4th, oil change next week. Chet D. also noted concern with the Skyhawk interior as noted from sitting in the back seat. Clark R. noted that if an interior upgrade is undertaken, the seat back pockets could be fashioned to accomodate the large quantity of items stored there.  Motion to approve the Maintenance report by Dick B., 2nd by Dave O., motion approved without opposition.				
6	Committee Reports				
a	Membership (Best) - Dick B. is still pursuing a candidate that is interested in joining. Dick B. also shared that he purchased the Pilot's Workshop manual for the GTN650Xi. Lots of good information and features revealed. Dick B. will upload a downloadable version to the office computer.				
7	Old Business:				
a	Archer avionics upgrade - discussed previously during the other reports				
8	New Business:				

# November 2021 Board Meeting Minutes.

<b>a</b>	Board Meeting - Next is scheduled for November 18th. Question regarding when we will start meeting in person...will plan to start meeting in person in January and will monitor the Covid situation between now and then.
<b>b</b>	b1) POH - The condition of the manuals is not satisfactory. Mark C. is proposing we obtain new binders for the two POH's to better protect the content before we start losing the pages. b2) Mark C. donated his PTT switch to the Skyhawk. Please make sure it does not leave the aircraft. b3) Mark C. also asked if we could have a spare office key available with AvFlight. Dick B. to follow up with a key.
<b>9</b>	<b>Discussion Of Flying Experiences</b>
	Carburetor icing - Discussion of member's experiences with carb icing and how to manage it with the two aircraft. The Skyhawk and the Archer POH's have different requirements for the use of carb heat. Be sure to review each aircraft for the specifics. John Y. shared that he is in the process of buying an airplane....a yellow one with a Z stripe!! Congrats Jon!
<b>10</b>	<b>Adjournment:</b>
	Larry B. called for a motion to adjourn. Dick B. made the motion to adjourn, 2nd by Mark C., motion approved without opposition. Meeting concluded at 6:53 pm. Thanks to John Y. for the use of his Zoom account.

## Olds Forge Flight Instructor Contact Information

Mark Coucke	517-719-9061	mdcoucke@gmail.com
Adlay Kejjan	517-899-0731	adlaykejjan@gmail.com
Pete Kamarainen	517-281-3899	pete@grandairaviation.com
Fred Moore	517-230-7918	fredmoore48842@aol.com

## The Latest TSA Badging Procedures

The badging office has rescinded its relaxed Covid 19 procedures and we are once again required to review your **completed** application before signing it. So.....no more emailing to you already signed forms. Remember — you can apply up to 60 days before your badge expires on **your birthday**. Yes, that's right, the office has asked us to clarify when your badge expires: **on your actual birthday**, not the end of the month of your birthday. Also, effective July 1, there will be a **\$20 renewal fee** for badge renewals. If you want Dick to sign your badge application, please get your form from him with his information already filled out so he doesn't have to repeatedly fill in that information. [dick@richard-best.com](mailto:dick@richard-best.com) Dick will be available to sign your app at any board meeting or scheduled event. Signed apps are valid for two weeks and may be used up to 60 days before badge expiration.



# December 2021 Board Meeting Minutes.

## Olds Forge Flyers - Meeting Minutes

Date:	12/16/2021	Time:	6:00	Location:	Zoom Conf Call
Attendance:					
Board Member		Attended	Member / Guest In Attendance		Member
Larry Borton - President		X			
Dick Best - Vice President		X			
Steve Harsh - Treasurer		X			
Steve Colby - Secretary		X			
Dave Oxendale (2 yr)		X			
Mark Coucke (2 yr)		X			
Chet Dawson		X			
Frank Eastman		X			
John Yurkon		X			
AGENDA AND DISCUSSION:					
1	Call to Order (President or Executive Member)				
	Meeting called to order by Larry B. at 6:00 pm				
2	Additions to Agenda: (Board)				
	Chet D. added the topic of internet access in the office.				
3	Approval of Minutes of Previous Meeting: (Colby)				
	November minutes submitted via e-mail by Steve C. for Board review. Motion to approve the minutes by John Y., 2nd by Chet D. Motion approved without opposition.				
4	Review and Approval of Treasurers Report: (Harsh)				
	Income running as expected, expenses running less (fuel & annuals). Predicting \$9-10k surplus at year end provided no unexpected expenses arise. Motion to approve by Dick B., 2nd by Steve C., motion approved without opposition.				
5	Maintenance Report: (Dawson)				
	GPS's updated to December 30th for both aircraft. Skyhawk - a power cord is in the Skyhawk hanger (unheated) to plug in the Tannis heater. Make sure you remind AvFlight personnel to plug it in when the aircraft is parked in the hanger. If you find it not plugged in, please notify AvFlight and Chet. Archer - Les feels that the heated hanger should not require plugging in the Tannis heater on the Archer. Chet will review the timer on the heater to understand its operation. Chet reviewed a cold weather prime procedure for the Archer. Also - if AvFlight is going to pre-position the airplane for you prior to your arrival, we should ask them to plug the Tannis heater in. Dick B. read some information from Tannis about temperatures and blanketing the engine and plugging the cowls. John Y. read online information regarding the time benefits of the heater....two hours for a 40 degree gain, maximum benefit in six hours. Motion to approve the Maintenance Report by Steve C., 2nd by Dick B., motion approved without opposition				
6	Committee Reports				
	Membership (Best) - Jim V. contacted Dick B. and would like his deposit refunded. The Board had previously approved this action. Dick B. was contacted by a former Spartan Wings member, will be submitting an application shortly. Dick B. has another person that will be joining this spring and he has another interested candidate as well. A Mark C. candidate is awaiting FAA Medical approval prior to joining. Hope to hear shortly.				
7	Old Business:				
	Bristell 915 Turbo				

# December 2021 Board Meeting Minutes.

	Archer Autopilot Upgrade - Motion by Dick B. to un-table the previous month's motion postponing the decision to move ahead the Archer Autopilot with the Auto Trim feature, 2nd by Chet D. Motion carried without opposition. Chet D. reviewed an update to the Archer GFC500 with Auto Trim quote. Steve H. proposed an amendment to the motion to include the upgrade to the Skyhawk with the GTN650Xi, 2nd by Dick B. This results in a motion to move forward with the installation of the GFC500 with Auto Trim in the Archer and the installation of the GTN650Xi in the Skyhawk through Beacon Aviation. The Archer will be first followed by the Skyhawk providing satisfactory results with the Archer installation. \$13,300 for the Archer and \$15125 for the Skyhawk. Motion carries without opposition. Chet D. to talk with Beacon tomorrow to discuss deposit and timing. Steve H. asked to be advised of that discussion to maintain appropriate fund management in the Club.
	Skyhawk GTN650Xi Upgrade - See above discussion.
<b>8</b>	<b>New Business:</b>
<b>a</b>	January 20th Board Meeting - Larry B. proposed continuing the Zoom meetings for now. A possible hybrid meeting may be in the wings with some members meeting at AvFlight.
<b>b</b>	Internet Access in the Office - The internet access has been frustrating for the GPS upgrades. A Club member with IT experience noted that the internet router in use byAvFlight is old. Chet D. discussed a joint venture with AvFlight on replacing the router, that discussion is continuing. Mark C. asked if a Cat5 cable could be ran through the ceiling to our office.
<b>9</b>	<b>Discussion Of Flying Experiences</b>
	Chet D. reported that he and John Y. took the Skyhawk up and checked the engine speed with a mobile tachometer. Chet D. will publish the results to the membership. 2500 indicated is 2400 actual. Mark C. asked if we could get a quote from Beacon for a digital engine monitoring system for the aircraft. Chet D. will ask. John Y. stated that AvFlight has their annual Christmas party on Wednesday the 22nd from 11:00-1:30.
<b>10</b>	<b>Adjournment:</b>
	Larry B. called for a motion to adjourn. Steve C. made the motion to adjourn, 2nd by Dick B., motion approved without opposition. Meeting concluded at 7:11 pm. Thanks to Steve H. for the use of his Zoom account.

## Guess the Flight Deck



Answer on page 5



## Monthly Hours Flown Report:

Skyhawk \$ 90 / hr. Archer \$ 105 / hr.

	2021	2020	2021	2020
Year-to-date				
Total	229.0	71.5	125.1	62.2
Nov-Dec	16.2	16.2	17.5	10.7
<b>TOTAL</b>	<b>245.2</b>	<b>87.7</b>	<b>143.6</b>	<b>72.9</b>

**COMBINED 2021 HOURS: 388.8**

The club flew 228 combined hours more in 2021 than we did in 2020. Not surprising with Covid 19 in 2020. We also flew 100 combined hours more than in 2019 and 138 hours more than in 2018.

There's lots to fly to in Michigan, even in winter. Great Lakes shoreline ice buildups are always fascinating from the air. Mackinac Island is less than a two hour flight. Or make a weekend out of an adventure to the Air Force Museum in Dayton Ohio. Sign up with [socialflight.com](http://socialflight.com) for your customized weekly email listing of timely and interesting destinations. The kids will love the full motion simulators at the "Air Zoo" in Kalamazoo (KAZO). Check their web site. You can taxi right in to the museum's parking area. It's an extremely good museum that amazingly even has an SR-71. Traverse City (KTVG) has a courtesy car available. Many great restaurants. Grand Traverse Bay is beautiful from the air. Or how about a Macinac Island weekend—fly in and skip the ferry. In the U.P., there's the Soo Locks, Pictured Rocks and Marquette. There's lots of great destinations and plenty of sightseeing in the mitten. And you can do it all from the air. You've got a pilot license—USE IT!!!

**FLYING IS FUN!**

## Maintenance Summary

### Maintenance Issues:

**Notify Chet: 517-449-2182 chet777@comcast.net**  
**517-339-3727**

**Skyhawk:** GPS updated.

**Annual Due: 2/12/2022 Hours flown since last annual: 157.9**

**Archer:** GPS updated.

**Annual Due: 3/12/2022 Hours flown since last annual: 171.9**

**USE Phillips 20W 50 OIL ALL YEAR!**

**Please record oil usage accurately,** and make sure you have enough oil in the plane for your cross-country flight.

GPS cards in each plane include expiration date.

Thanks, Chet, and Stevo!

## BOARD MEETING

Thursday, January 20th, 6 PM (1800)

ZOOM Meeting link will be emailed

**All members encouraged to attend**

## Financial Report

### OLDS FORGE FLYERS, INC

#### Profit & Loss Statement

January 1 - November 30, 2021

Archer Hr =	141.1	Skyhawk Hr =	273.0
		Actual	Budget

#### OPERATING INCOME:

Aircraft Income	\$33,271	\$39,385
Initiation Fees	\$5,050	\$1,900
Membership Dues	\$29,375	\$26,180
Interest	\$1	\$0
Other Misc. Income	\$70	\$0
<b>TOTAL INCOME</b>	<b>\$67,767</b>	<b>\$67,465</b>

#### OPERATING EXPENSES:

##### Variable Costs:

Improvements, Archer & Skyhawk	\$2,070	\$2,071
Engine Depletion, Archer	\$2,251	\$2,251
Engine Depletion, Skyhawk	\$3,890	\$3,890
Fuel, Archer	\$4,312	\$5,983
Fuel, Skyhawk	\$6,923	\$9,405
Misc fuel & Oil	\$539	\$0
Maintenance, Archer*	\$1,952	\$4,784
Maintenance, Skyhawk*	\$2,612	\$7,233
Maintenance, Other	\$331	\$0
<b>Total Variable Cost</b>	<b>\$24,880</b>	<b>\$35,616</b>

##### Fixed Costs:

Office and Service Fees	\$1,770	\$2,198
Operations Costs	\$19,951	\$20,707
<b>Total Fixed Costs</b>	<b>\$21,721</b>	<b>\$22,904</b>
Misc. Cost	\$0	\$300
<b>TOTAL EXPENSES</b>	<b>\$46,601</b>	<b>\$58,820</b>

<b>NET OPERATING INCOME</b>	<b>\$21,166</b>	<b>\$8,645</b>
Contingency Fund (equity fees)	\$5,050	\$1,900
<b>NET AFTER CONTIN. FUND</b>	<b>\$16,116</b>	<b>\$6,745</b>

\* Archer Annual (Budget = \$2,800; Actual = \$1,572)

\* Skyhawk Annual (Budget = \$2,200; Actual = \$1,556)

