



News!

September 2017

On the Web: www.EAA80.org
Facebook: www.facebook.com/ea80
Twitter: <https://twitter.com/ea80>

President

Chris Halfman
402-618-3148
president@ea80.org

Vice-President

Eric Stadjuhar
vicepres@ea80.org

Secretary

Craig Tylski
secretary@ea80.org

Treasurer

Bob Cartwright
402-895-0125
treasurer@ea80.org

Membership Coordinator

Bob Condrey
membership@ea80.org

Tech Counselors/ Flight Advisors

Mike Howard
402-991-0403
&
Jerry Ronk
402-980-8973
tech-counselors@ea80.org

Young Eagle Co-Chairs

Jim Beyer
and
Tim Hewett
youngeagles@ea80.org

Newsletter Editor

Bob Dyer
402-740-9309
newsletter@ea80.org

Web Editor

Paige Hoffart
402-216-2309
webmaster@ea80.org

From the President

Elections

It's that time of the year again. Elections are in November, but nominations are in October. If you have a desire to be on the board, by all means, let me or anyone else on the board know. There may be a chance I'll be calling on you to take an active role to support the chapter and its activities.

Chris Halfman

Tire Inflation With Wheel Pants

Chris Halfman

At the builder's meeting at Tim Hewett's RV-8A inflating the tires with the wheel pants on was a discussion that came up. There are a couple tools available that make that task much simpler. The inflator itself was not available for a short while, so I built one. It is now available again. These items happen to all come from Cleaveland tool. I was unable to find anything similar on Aircraft Spruce.

The first item is the valve cap removal tool. Simply get the tire stem lined up with the hole, insert the remover over the cap, and unscrew the cap. The cap is retained in the tool. Screw it back on and pull the tool off the cap. Part number VCRT8, listed for \$14.00.



Depending upon what you like better, there are two options for inflation. I built something similar when this wasn't available, but would probably just buy it now. It is an inflator with gauge that has an extension to reach the tire stem from outside the wheel pant. Part number VSI50, listed for \$39.00.



Another option is a valve stem extender. Simpler, cheaper, and maybe something you throw in your tool bag on the plane. Simply screw it on the valve stem so it protrudes beyond your wheel pant and use your standard air chuck for inflation. Part number VSE5, listed for \$8.50.



You can also buy the two extensions as a package. Part number VSSETW, listed for \$22.00 and save yourself a whopping \$0.50!

Here is the contraption I made with some really high quality stuff:



The main part of the tool is a "Pistol Grip Tire Inflator w/ Gauge" from the shelves of Harbor Freight, part number 68270, \$9.29. I took the hose off and screwed in a plain, 1/4" NPT pipe nipple approximately 5"+ long. The end is a Straight-In Tapered Chuck w/o Internal Shut-Off Valve, 1/4" FPT. It was \$7.47 on Amazon. Note there is some JB Weld on the end screwed into the pistol grip. Why? Well, the pipe nipple has NPT (tapered) threads and the pistol grip has straight (need an o-ring to seal) threads. The JB Weld was meant to be a permanent pipe sealant. I've had no issues and can't imagine any issues with the pressures most people set their air compressor at. Only issue I've had-the valve on the trigger seems to sometimes be a little slow to shut off. Made one for the hangar and one for the tool bag in the plane.

I'm sure there are other ways to make an inflator, but that's what I have and it seems to work.

Upcoming Events

Presentations

September

Paige Hofart

In-Flight Emergencies

September 11, 7PM

Oracle Aviation

Builder's Meetings

September

Eric Stadjuhar

September 16, 9 AM

Millard Airport hangar H-3

Coffee and doughnuts!

Young Eagles
September 10
Plattsmouth Airport
9AM - Noon

Followed by:

End of Summer Picnic
After Young Eagles
September 10, 1:00 PM
Plattsmouth Airport, Kevin Faris' hangar
Bring a side or dessert to share.

If you DID NOT receive the invite through E-vite. Here is a link to the invite, <http://evite.me/syVm1Gn4Vb>, but please check your e-mail, spam/junk folder, or maybe just look again. It's easier to track what's going on if the invite to your e-mail is used.

IRS 501(c)3

Last, and certainly not least, attached is a document regarding Chapter 80 becoming a 501(c)3 organization. If you haven't been to a meeting in while, there has been discussion about the chapter becoming a non-profit organization. This would allow people to donate money to the group and the person making the donation gets a tax benefit from the donation. PLEASE read the pamphlet and come with questions. This is slated to be on the agenda at the next meeting and I am assuming a vote will occur.

/ Ford Motors Partnership

If you happen to be in the market for a new Ford vehicle, you might be able to save yourself some money being a member of EAA. Check out the website. I just skimmed through it, but you can supposedly save \$750 on your purchase. www.eaa.org/ford

EAA Chapter 80 Meeting Minutes

August 2017

The chapter meeting was held on August 14th at Millard Airport, Oracle Aviation. The meeting was called to order at 7 PM by President Chris Halfman.

One guest was present, Walt Stachon, who joined while at the meeting.

Meeting Minutes: The July 2017 meeting minutes were approved as published.

Treasurer's Report: The August treasurer's report was approved as published. The report included receipt of \$1,823.99 (net \$1,722.33) for the Tri-Motor event. The chapter will be charged \$1.75/mo for FDMS (credit card) fees. Ending balance \$14,297.58.

Membership: Bob Condrey reported there are 128 members, of whom 40 have not paid their 2017 dues. There was discussion on publishing a new Membership directory. The motion failed (by two votes) to create a booklet similar to the 2013 version each five years, with yearly updates. The motion passed to create a .pdf file for the membership and see how acceptable this will be in lieu of a booklet. The existing booklet member pictures are not available.

Tech Counselor: Mike Howard reported on a relatively new metals process called Cryogenic Heat Treating (actually cold treating). Steel,

aluminum, and brass can be cold treated to -300°F to improve the strength, heat resistance, and ductile properties of these metals. This process has been used on racing cars for a while, but recently Lycoming has been using this on aircraft engine parts (crankshafts and connecting rods). Mike also presented a sample of a Nord-Lock wedge-locking washer (used on his propeller bolts). With this washer neither a safety wire nor cotter pin is required.

Young Eagles: Tim Hewett reported that the next YE weekend is September 10th at Plattsmouth, starting at 9am. Please contact Tim if you would like to help out either on the ground or in flight. Tommy Ostlund reported his observations of the YE 25th anniversary celebration at AirVenture 2017. He acknowledge the Chapter 80 top YE pilots and presented a YE “25” awards banquet glass to Ronye McKay for his participation. As of August 7th there have been 2,047,252 Young Eagle flights logged nationally. Tommy stated that the Tri-Motor crews are willing to return whenever we ask them to.

Tools: No report this meeting.

Builder Reports: Nothing to report.

Builders Meeting: Tim Hewett will present his RV-8A August 19th from 9-11AM at Hangar E-17, Council Bluffs Airport. September’s builders meeting has not been scheduled.

Fly-outs: Mike Howard reported eleven aircraft, 18 people, flew out to Barnstormers in Norfolk for lunch on August 12th. Next up will be a fly-out to

We-B-Smokin’ at Paola, KS after the August builders meeting.

Social Coordinator: Plan on a picnic after the YE flights at Plattsmouth airport September 10th.

Old Business:

- 1) The 501c(3) proposal. No update this month, will be added to next month’s agenda.

New Business:

- 1) Chris Halfman is seeking volunteers for the 2018 Chapter 80 Board.

Announcements:

- 1) Jaime Collins dropped off pictures of Chapter 80 events from the 1970’s for us to share.
- 2) Paul Kanka is in a retirement home, has been a long time Chapter 80 member, and would appreciate a ride to one of our meetings some time.
- 3) Mike Howard reported that Bob Durand built a Mk-5 back in 1982 that is still in service with the new owner he met at Oshkosh.

Presentation: Bob Condrey gave an excellent summary of building the four-place Vans RV10, with specific pictures of his aircraft, and helpful builder tips. Reported (book) cruise of 193-197 mph at 55% power, burning 10.8-11.1gph. Major building problems of this mostly aluminum construction aircraft was with the fiberglass parts (specifically the doors and cabin top). There are 835 RV10’s flying with ~1800 kits sold. A

company in Brazil is mass producing a large number of them.

September Meeting:
To be announced.

Raffle Drawing: Fifty dollars total. The winner was Claude Stoyrich.

Upcoming Events

[EAA 80 Young Eagles Rally](#)

Sunday, September 10 · 9:00 AM - 12:00 PM
Plattsmouth, Nebraska
[Add to My Itinerary](#)

[EAA 80 Fly-in/drive-in Picnic](#)

Sunday, September 10 · 12:00 PM - 2:00 PM
Plattsmouth, Nebraska
[Add to My Itinerary](#)

[Omaha IMC Club](#)

Thursday, October 12 · 7:00 PM - 8:30 PM
Omaha, Nebraska
[Add to My Itinerary](#)

[EAA 80 Young Eagles Rally](#)

Saturday, October 21 · 9:00 AM - 12:00 PM
Millard, Nebraska
[Add to My Itinerary](#)

[EAA 80 Christmas Party](#)

Friday, December 8 · 6:00 PM - 9:00 PM
Millard, Nebraska
[Add to My Itinerary](#)

[Omaha IMC Club](#)

Thursday, December 14 · 7:00 PM - 8:30 PM
Omaha, Nebraska

EAA 80 MONTHLY TREASURER REPORT			
Sep-17			
Checking			
Accl. 310			
Opening Balance		\$14,297.58	
Receipts			
	FDMS Dep		
Jul-Aug	50/50	\$92.00	
Jul-Aug	Dues	\$125.00	
Expenses			
8/14/17	Chris Halfman-Shirts	\$70.00	Cash
8/14/17	Mark Miller-Refresh	\$45.89	Chk
	FDMS Fee		
(Note: Credit card amounts will be accounted on cash basis when recorded)			FDMS is First Data Management System (Credit Card)
Ending Balance		\$14,398.69	

This space still for rent

I'm sure many of you have stories or pictures from Oshkosh and many other locations. If you would like to share any of them with our group please send to newsletter@eaa80.org

Or radyr@msn.com

Or 402-740-9309

See you at the meeting



EAA Chapter 80

Membership Application

Year: 2017

Yearly dues: \$25.00 payable to "EAA Chapter 80" New Member Renewal

Contact Information		
Name		EAA #:
Street Address		
City, ST, ZIP Code		
Spouse Name		
Home Phone		Work/Cell Phone:
E-Mail Address		
Occupation		Retired? Yes / No

Membership Profile		
Aircraft (N#)		
Aircraft Project		% Complete:
License(s)	<input type="checkbox"/> Private <input type="checkbox"/> Commercial <input type="checkbox"/> ATP <input type="checkbox"/> A&P <input type="checkbox"/> None	
Rating(s)	<input type="checkbox"/> Single <input type="checkbox"/> Multi-engine <input type="checkbox"/> Instrument <input type="checkbox"/> CFI / CFII <input type="checkbox"/> None	
Skills / Talents 1=some, 3=Lots	Wood: 1 2 3 Metal: 1 2 3	Tube/Fabric: 1 2 3 Composite: 1 2 3
E-Mail Lists:	<input type="checkbox"/> Announcements <input type="checkbox"/> Flyout List <input type="checkbox"/> Builders Meetings <input type="checkbox"/> Young Eagles	

Note: Chapter members are also required to be members of EAA National Headquarters for insurance coverage.
Send application + dues to:

Bob Condrey
1105 Kountze Memorial Drive
Bellevue, NE 68005

Office use: Date: _____ Amt: _____ Cash/Check #: _____ Photo: Y/N
 Updated: 1/2017