

August 2016



EAA CHAPTER 145

SINCE 1962



**Chapter Meeting: Saturday, August 13, 2016 – 10:00 am
Riverview Airport (08C) in the meeting room**

CHAPTER MEETING

For the August Chapter 145 meeting, Roger Brown will be sharing his process of restoring and owning a Howard DGA-15. A preview article on the Howard was taken from the Antique Airplane Association newsletter, and follows on page 2.

PRESIDENT'S CORNER

Once again this year, AirVenture emphasizes The Spirit of Aviation. As I made my way from the warbirds to the homebuilts, then the vintage aircraft to the ultralights, the spirit of aviation was with them all. I don't have room to write about all of experiences I had this past week, so I'll give a couple of examples.

The spirit was evident in the Young Eagles Awards Dinner and again at the Chapter leaders Breakfast. Of course, you would expect the EAA leaders to have a great spirit, but it amazes me that the majority of people at AirVenture are volunteers and their spirit is of the highest level. Back home now we can continue the Spirit of Aviation with our local activities and sharing with other chapters. We have Young Eagle flights, workshops and home build projects to name a few. The Spirit of Aviation is alive and well! Cheers, Dick

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YOUNG EAGLES

The next scheduled Young Eagle event is at the Wings of Mercy open house in Holland on August 27. Breakfast is provided for all volunteers. You can help on the ground or fly with a discount on fuel. If you are interested in helping, let me know. Thanks, Dick

EAA 145 HANGAR

- Herb Harney is working on the sensor connections to the engine on his RV-8.
- Bob Kawaka is working on re-skinning the tail of Nick's RV-10.
- Rick Saliers is working in his hangar on the canopy of his RV-9A.
- The Chapter now has a form for members to fill out if they want to put a project in the hangar.
- Hangar space is available for anyone working on a project. Contact Dick Foster for details.

Featured Airplane



Roger and Terese Brown's Howard DGA-15P NC29457

NC29457 (Navy Bureau Number for Howard NH-1 S#782) flew for the first time on Thursday, April 18 after an extensive restoration. Roger provided the following information about the restoration itself, and also about the airplane's history:

782 was totaled by the insurance company in 1994 during a bad landing in New Mexico. Kelly Bare purchased the wreckage and moved the project to Lakeland, FL where he worked on restoration for about 15 years. Kelly had restored the airframe to new condition in white powder coat. He had rebuilt the main gear, tail and fuel tanks. New floorboards, instrument panel, control cables, wiring, civilian control wheels, trim cable, switches, breakers, and some other items were installed. The fuselage fabric was complete and ready for dope. In other words, Kelly had completed a large part of the restoration. At every step he had done a wonderful job of re-creating 782 as a "civilian" Howard. The instrument panel is a beautiful piece of work. We have tried to carry on with that "civilian" theme as best we could.

When Dumont Radial Engines went out of business in 2009, Kelly found that his engine, plus a large deposit were lost. At this point Kelly decided it was time to part company with 782 and put it up for sale. Terese and I purchased the project in early 2010, moved it to our home at Aero Acres near Port St. Lucie, FL and went to work. Dan Kumler was contracted to rebuild the wings, flaps and ailerons. His work included all new spars, new 3/32 skins, all new glue joints and new ribs and gussets as needed. Everything turned out beautifully. The rudder, vertical, horizontals and elevators were stripped, powder coated and covered by Bill Kaser, who also turned out to be our IA on the project. Bill lives nearby at Indian River Aerodrome. Interior work was contracted to Patty Davis, also an Aerodrome resident.

Kelly had collected all vintage instruments for 782 and tossed them in with the deal. All were overhauled by Chuck Oliver at Superior Instruments in Pontiac, MI. All instrument the faces were re-painted by Precision Dial in Kalamazoo, MI. A tan color was used to replicate the old radium dials. Treasure Coast Avionics of Ft. Pierce, FL installed a limited radio package consisting of new Garmin com, transponder and switch panel/intercom. The radios are tucked away on the left side of the otherwise vintage panel.

I've spent these past three years teaching myself how to fabricate sheet metal panels, nearly all of which are new. We used Ken Kreutzfeld's compound curve belly skins and they worked out great. Ken has been a tremendous resource for small parts and lots of advice. Presley Melton, Paul Bijornstadt, Ron Spence, Jim Lund, Al Lund, Mike Vaughn and other Howard owners were all tremendous help and support.

An engine was found through my connections with the Sterman Restorers Association. Ken Miller at Younkin Aviation did the overhaul and has been a big help with any questions I've had for him. There have been plenty of questions. Palm Beach Propeller Service overhauled the prop and governor.

We used the Poly Fiber process finished in Aerothane's Dakota Black, Daytona White and Reno Gold for pinstripes. A local painter, Bob Ziebell, and I read instructions, asked questions and got a pretty good looking paint job. I self-taught my way through covering the wings, flaps and ailerons. We used Jim Lund's fiberglass wheel pants. Natale Marasco, who advertises in the Howard newsletter, rebuilt a beautiful pair of landing lights. Joe Hunt's fuel selector was another newsletter find.

All this merely scratches the surface of the obsessive compulsive run I've had over the past three years in getting 782 in the air. Terese helped with the interior and paint selection and shouldered all the work of keeping the household afloat. Our plan is to make the circuit this summer attending all the flying events we can. Hope to see you out there.



Roger Brown and Carl Shemwell next to NC29457 at the Mason Dawn Patrol on June 9th.

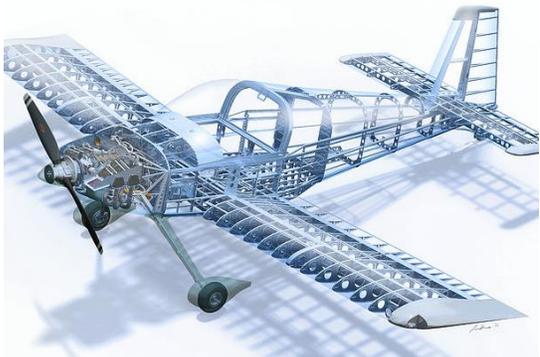
Ownership History of NC29457

<u>Date</u>	<u>Ownership</u>	<u>Registration</u>
7/31/43	Manufactured Date Built at DuPage Facility, Chicago Illinois	BU29457
8/5/43	Built for the Navy and was accepted by the Navy	BU29457
9/25/43	Delivery to the Navy	BU29457
1943-46	Used by the Navy as an NH 1 Instrument Trainer in Atlanta, GA	4622N
11/23/46	War Assets Admin. sells to Kenneth Rasch, Ft. Dodge, TX	4622N
7/4/48	Sold to Lake City Flying Service, Lake City, IA	4622N
4/3/53	Sold to Harry McCandless, Munny Airport, Council Bluffs, IA	4622N
4/16/54	Sold to Bonacci Flying Service, Omaha, NE	4622N
9/10/56	Sold to Gen. Curtis LeMay & 4 other USAF Officers Offutt AF Base	4622N
7/6/57	Sold to Lt. Ted Hammond, Offutt A.F. Base, Omaha, NE	4622N
10/10/63	Sold to Sky Harbor Air Serv., Omaha, NE	4622N
10/10/63	Sold to David Kessler, Denver, CO	4622N
7/26/68	Sold to William Thompson, Eastpoint, GA	4622N
9/12/73	Sold to Verlin Hart & Thomas Drake, Cullman, AL	88WT
11/18/74	Sold to Trident Corp., Woodsboro, TX	88WT
11/17/82	Sold to Donald McDonald, College Station, TX	88WT
7/28/83	Ground Looped at DuPage Co. Airport Chicago Damaged left side	88WT
9/15/83	Sold to Robert Tolliver, Waco TX	88WT
2/23/84	Sold to Harry Ringler, Hermitage, TN	88WT
10/27/94	Sold to Michael Fishburn, Mesilla Park, NM	88WT
12/3/94	Damaged at Las Cruces, NM, Right landing gear collapsed	88WT
3/20/95	Sold to Gator Air Salvage	4621N1N
7/29/96	Sold to Kelly Bare, Leeds, AL--Lakeland, FL--Restoration begun	115KB
4/30/10	Sold to Roger Brown, Port St. Lucie, FL--As a Restoration Project	N29457

Congratulations to Roger and Terese for such a beautiful restoration!

PROJECT OF THE MONTH

Rick Saliers show his RV-9A project to perspective members, Ryan Schnabel and Conner Davis.





EAA Chapter 145 website: www.145.eaachapter.org

EAA National website: www.eaa.org

Riverview Facebook: www.facebook.com/pages/Riverview-Airport/115468211816419

DUES ARE NOW BEING COLLECTED

Dues of \$35.00 are payable to "EAA CHAPTER 145" and can be mailed to Bob Swietek at the address listed at the end of the newsletter or brought to the monthly chapter meeting. If you need to make any updates on your contact information, please include the tear-off slip for member data update with your payment.

UPCOMING EVENTS

Aug 13

Aug 12-13

Aug 13

Aug 13

Aug 20-21

Aug 26-27

Aug 27

Aug 27

Sept 10

Sept 17

Oct 1-2

Oct 1-2

Oct 8

Oct 15

Riverview Airport (08C)

Sparta (8D4)

Grand Haven (3GM)

Frankenmuth (66G)

Willow Run Airport

Elkhart Indiana (KEKM)

Holland Airport (BIV)

Newman's Field (4N0)

Riverview Airport (08C)

Battle Creek Airport

Indianapolis, IN

USAF Museum, Ohio

Riverview Airport (08C)

USAF Museum, Ohio

meeting-Howard DGA-15 – Roger Brown

Build-Off/Fly-In & **B-25 Rides**

Dawn Patrol Pancake B'fast Fly-In

GrassRoots Fly-In grassrootsaviators.com

Thunder Over Michigan Airshow – Ypsilanti MI

Fly-In Movie Night / Camping Event

Wings of Mercy - Young Eagle Event

Breakfast Fly-In

meeting – WX24 Pilot - Paxton Calvanese

AOPA Regional Fly-In

RedBull Air Races www.redbullairrace.com

WWI Aircraft Rendezvous on museum grounds

meeting – Riverview Airport Bonfire

Riverview Pilots Trip to USAF Museum

If you know of events that should be on the event calendar, please e-mail them to me

If you would like to be on the e-mail list for meeting and event reminders, or if you would like to receive the newsletter electronically, which is full color and delivered days before the print version... please send your e-mail address to:

randall.houtman@dematic.com

The 2015 Officers for EAA145:

President, Dick Foster
(538-8849 c172foster@gmail.com)

Vice President, Bruce Whitman
(897-9846 bwhitmanpe@att.net)

Secretary/Treasurer, Bob Swietek
6962 Bridgewater Dr. SE
Grand Rapids, MI 49546
(676-2951 airdale69@aol.com)

Newsletter Editor, Randy Houtman
(913-5908 randall.houtman@dematic.com)

Treasurer's Report: (As of Aug 1st)

Liabilities: \$3500.00

Cash: \$97.62 Checking: \$66.69

Savings: \$5367.57 Total: \$5531.88

Website Editor, Bill Willyard
(wgwillyard@att.net)

EAA CHAPTER 145 MEMBERSHIP APPLICATION / RENEWAL FORM

DUES ARE \$35.00 PER YEAR – JANUARY 1st to DECEMBER 31st

Name _____
Co-Pilot / Spouse _____
Address _____
City _____
State / Zip _____
e-mail address _____
Home Phone _____
Work Phone _____
National Membership # _____

Aircraft Owned _____
Projects / % Complete _____
Bring this form to the next meeting or mail to:
EAA Chapter 145 Treasurer
6962 Bridgewater Dr. SE
Grand Rapids, MI, 49546

**SATURDAY
AUGUST 27, 2016
8 A.M. - NOON**



**2016 Annual
Wings of Mercy
HOLLAND
CAREAFFAIRE**

RUNWAY 5K

register online at

runsignup.com/Race/MI/Holland/WingsofMercyRunway5K

PANCAKE BREAKFAST

Prepared by the Holland Lions

EAA YOUNG EAGLES

Free flights for kids ages 8-17

parent/guardian must be present for registration

THE HOOLIGANS FLIGHT TEAM

VINTAGE AIRPLANES

CLASSIC CAR SHOW

HELICOPTER AND AIRPLANE RIDES

for an additional donation

MAKE AND TAKE MODELS

West Michigan International Plastic Model Society

Admission just \$6/person or \$25 for a family of up to 6 people

COME AND TOUR THE NEW AIRPORT TERMINAL

TULIP CITY AIR SERVICE, WEST MICHIGAN REGIONAL AIRPORT

WARBIRDS

AT THE SPARTA AIRPORT

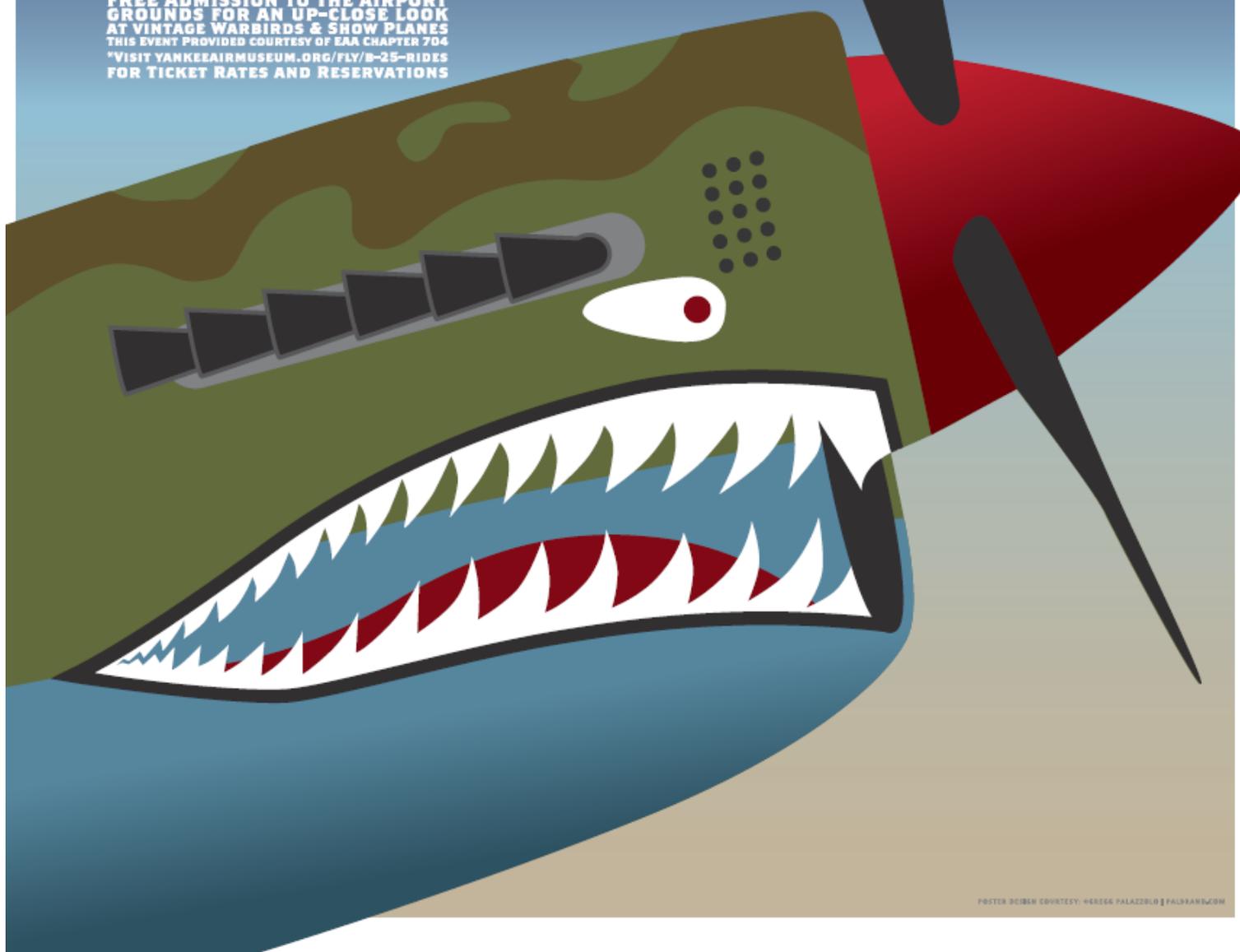
4TH ANNUAL GREAT LAKES AVIATORS
BUILD OFF & FLY IN
JURIED COMPETITION OF HOMEBUILT
AND AMAZING RESTORED AIRCRAFT

B25 MITCHELL BOMBER
ARRIVING FRIDAY AUGUST 12
RIDES AVAILABLE* BEGINNING ON
FRIDAY AFTERNOON & SATURDAY MORNING

\$7 HEARTY PANCAKE BREAKFAST
SATURDAY, AUGUST 13, 8-11AM
FREE FLIGHTS FOR YOUNG EAGLES
(AGES 8-17) 8AM - NOON SATURDAY

PRE EVENT PARTY - FRIDAY NIGHT
PILOT CAMPERS CAN PITCH A TENT ON THE FIELD
MUSIC, MOVIE, AND CAMPFIRE
FOOD AND DRINKS AVAILABLE

FREE ADMISSION TO THE AIRPORT
GROUNDS FOR AN UP-CLOSE LOOK
AT VINTAGE WARBIIDS & SHOW PLANES
THIS EVENT PROVIDED COURTESY OF EAA CHAPTER 704
*VISIT YANKEEAIRMUSEUM.ORG/FLY/B-25-RIDES
FOR TICKET RATES AND RESERVATIONS



DAWN PATROL

FLY-IN or DRIVE-IN
Everyone Welcome!



PANCAKE BREAKFAST

Saturday, August 13, 2016

\$7 Pancake Breakfast - 7:00AM to 11:00AM
(Pancakes, Eggs, Sausage, Coffee & Juice)
Hot Dog Stand - 11:00AM to 2:00PM

- ◆ Flight Demonstrations
- ◆ Static Displays
- ◆ New Aircraft
- ◆ Vintage Aircraft
- ◆ Experimental & Homebuilt Aircraft
- ◆ EAA Chapter 211 Display
- ◆ U.S. Coast Guard Helicopter
- ◆ Meet the Pilots
- ◆ Photo Opportunities
- ◆ Helicopter Rides
- ◆ Airplane Rides
- ◆ Biplane Rides
- ◆ Door Prizes
- ◆ Prevailing Winds Concert Band
- ◆ Children's Activities
- ◆ & Much, Much More!

**FUN &
BREAKFAST
STARTS AT
7:00 AM!**

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Grand Haven Aviation Association.ORG

Uniting Aviation & Community
www.facebook.com/GrandHavenAviationAssociation

**FREE
ADMISSION
to AIRPORT
GROUNDS!**

3GM, Grand Haven Memorial Airpark, 16446 Comstock St, Grand Haven, MI 616-842-4430