

# Newsletter



The  
Winners  
Circle

## “Vietnam War Era”

### 1/72 CHANCE-VOUGHT F8U CRUSADER BY GLENN THORN

**O**ur January Vietnam Era Theme winner was Glenn Thorn's highly-detailed Crusader. Glenn's model featured some very delicate panel-line accenting in addition to a full cockpit, dropped flaps, and folded wings. Great work!



**NEXT MEETING**  
**February 1**

**Theme Contest**  
**“It's Cold in Here!”**

# Editor's Note

by John Goschke

**W**hile our president, Rich Turner, recovers from back surgery I'll be stepping in with a few words this month. We wish Rich a speedy and recovery to full mobility real soon!

**Our January meeting** was very well-attended with faces new and old and plenty of diversity on the display tables. We had an impressive array of aircraft entered in the "Vietnam Era" theme contest, with the popular vote going to Glenn Thorn's carefully-weathered Crusader. Among the other noteworthy entries were Rod Rakos' custom GMC pickup with it's delicate airbrush-work, John Loftus' rare 1/72 EC-121 Warning Star, and Jack Lynch's M-113 "exploded diagram" personnel carrier illustrating the stages of model-building. On the regular display tables we were excited to see some superb figure-painting from first-time visitor Martin Orlando.

**The build n' bull session** returned for our January meeting, moved under the better light in the dining room. Look for this to be a regular feature of our meetings. Starting at around 6:30, this should give you some time for productive modeling, to see what others are working on, and to trade tips and techniques.

**Our February theme** is "It's Cold in Here!," open to any build with a winter theme. Snow plows, winter camo, polar high-vis markings, etc. Let's hope the weather cooperates!

**While we're talking theme contests,** I'd like to urge future winners to supply some details on your builds for the newsletter. It's not necessary to write an essay, just provide info about what kit you used, details added, paints and decals used, what was the build experience like, etc. Of course if you'd like to write a full-blown article that would be great, too!

**Hope to see you on Friday! JPG**

## January "The Vietnam War Era"

Model of a subject from the period of the overt U.S. action during the war, i.e., August 1964 – April 1975.

## February "It's Cold in Here"

Any build with a winter theme.

## March "The Sixties"

Model in any category (auto, aircraft, armor, ship, etc.) of a subject born in the years 1960 - 69.

## April "Classic Plastic"

Model kit in any category (auto, aircraft, armor, ship, etc.) that was issued before 1980.

## May "D-Day"

In honor of the 75th anniversary of the event, model must somehow be related to the D-Day invasion of June 6, 1944.

## June

No theme. Gold/Silver/Bronze judging.

## July "50 Shades of Grey"

Model of any subject in any category that is/was mostly grey, either in overall color or camouflage.

## August "The Axis"

Model of a subject in any category from, and/or employed by, the Axis nations in WWII.

## September "That's a New Kit!"

A build of anything from a kit that was released no earlier than 2014.

## October "Big Builds"

Any kit in the large end of its category's scale spectrum.

## November "No Big Six"

Model in any category (auto, aircraft, armor, etc.) but one that cannot be of US, British, German, Japanese, Russian or French origin.

**QUESTIONS** about DVSM's Contests should be directed to Mike Turco at [MATurco@aol.com](mailto:MATurco@aol.com)



# January Display Highlights

Photos by Paul Tomczak



*Republic F-105 Thunderchief, 1/48, by Mike Turco*



*M-113 "Exploded Diagram", 1/35, by Jack Lynch*



*Boeing B-52D Stratofortress, 1/72, by Howard Rifkin*



*Lockheed P3C Orion, 1/72, by Glenn Hoover*



*F4G Phantom, 1/32, by Paul Kopczynski*

# January Display Highlights

Photos by Paul Tomczak



McDonnell F-101B Voodoo, 1/48, Dave Anderson



EC-121 Warning Star, 1/72, John Loftus



1941 Plymouth, 1/25, by Rod Rakos



1965 Honda, 1/24, by Scott lam



1972 GMC Pickup Custom, 1/25, by Rod Rakos



Cessna O-1E Bird Dog, 1/72, by Rod Rakos



# January Display Highlights

Photos by Paul Tomczak



*1950 Oldsmobile, 1/25, by Dave Anderson*



*"Kurnoth Hunter," by Paul Tomczak*



*"Lord Aquilor," by Martin Orlando*



*"High Elf Prince," by Martin Orlando*



*Wallenstein bust, by Martin Orlando*



*"Stormcast Eternals," by Martin Orlando*

# January Display Highlights

Photos by Paul Tomczak



Douglas A2D Skyshark, 1/72, Howard Rifkin



Douglas AD5 Skyradier, 1/72, by Howard Rifkin



F4U-1A Corsair, 1/48, by John Loftus



Bell Huey Cobra, 1/72, by Paul Tomczak

## 2019 Theme Contest Point Standings to Date

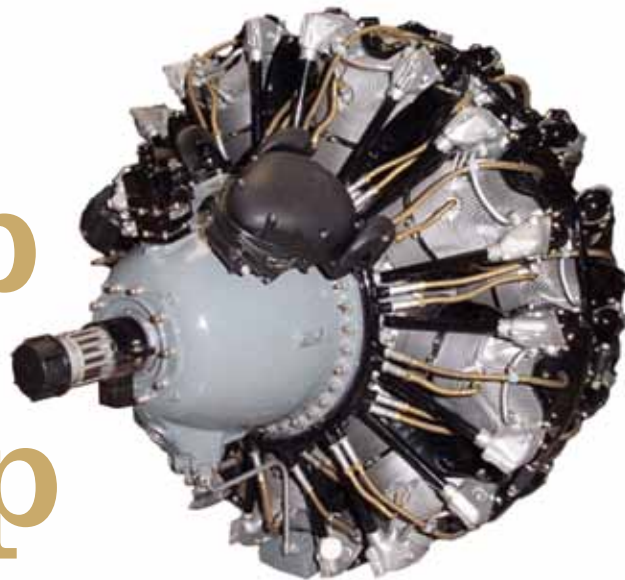
	Jan.	Feb.	Mar.	April	May	July	Aug.	Sept.	Oct.	Nov.	Totals
Thorn, G.	5										5
Lynch, J	4										4
Turco, M.	3										3
Anderson, D.	2										2
Hoover, G.	2										2
Kopczynski, P.	2										2
Loftus, J.	2										2
Rakos, R.	2										2
Lam, S.	1										1
Rifkin, H.	1										1
Tomczak, P.	1										1

Monthly points are awarded as follows: Each person who enters a model into the theme receives 1 pt. 1st place = 4+1, 2nd = 3+1, 3rd = 2+1



# Dressing Up a 1/32-Scale Double Wasp

By Mike Turco



## The Pratt & Whitney R-2800 Double Wasp Radial Engine

The World War Wings website sums up the Pratt & Whitney R-2800 Double Wasp radial engine quite succinctly:

**T**he R-2800 Double Wasp is an American made, 18-cylinder radial engine which was the most powerful engine of its type in the world during... [its]... time. Designed in the early 1930s and first tested in 1937, it is still considered one of the best piston engines ever designed. Arriving right before World War II, the original 2,000 horsepower it generated made it ideal for placement in war planes.”

“These great engines were equipped in over 30 different aircraft during their production. In a span of almost 20 years, Pratt & Whitney rolled out over 125,000 of these monsters in different variants. [Yet]..., as these engines were improved over the years, they did not lose their integrity. Unlike other engines of that type, the Pratt & Whitney had a very extensive lifespan. Though some of them are restored, many of the airshow aircraft from that era are still flying with the original R-2800s. After almost 75 years, that’s quite a feat.”

Formidable WWII aircraft powered by the Double Wasp were:

- Grumman Hellcat, Tigercat and Bearcat
- Martin B-26 Marauder
- Republic P-47 Thunderbolt
- Vought F4U Corsair
- Douglas A-26 Invader
- Northrup P-61 Black Widow

And although each added more than a ton to a plane’s weight, the R-2800-powered Corsair and Thunderbolt were the fastest single-engine fighters of WWII.

I decided to give my first Corsair engine the respect it deserves.

## Background

At a club meeting a few years ago, the inimitable Tommy Kortman offered me a dusty but complete 1970-vintage Revell 1/32-scale F4U-1 Corsair kit that he had never assembled.



Figure 1. 1970 1/32 Revell F4U-1 Corsair

I wasn’t too surprised as I have known Mr. Kortman to be primarily a car modeler and I gratefully accepted the product of his generosity. It turned out that this Revell kit was a challenge. It had wing gap issues and was ripe for some aftermarket improvements, which I went way overboard on, adding:

- True Details (Black Box) resin cockpit
  - Quickboost Engine
  - Aires landing gear bays for the Trumpeter kit; modified by me for the Revell kit
  - Heritage Aviation Models resin wheel set
  - BarracudaCals cockpit stencils and placards
  - Cobra Company resin flaps
  - Scratch-made brass inset gun barrels
  - Techmod decals
- So much for an opportunity to build a “free” kit.

*continued on page 8*

# Dressing Up a Double Wasp

## Quickboost Engine

While the assembly of the kit is worthy of a complete description (read: warning) to those who haven't built one, the subject of this article is the R-2800 engine. The kit-supplied engine is rudimentary at best. It is not sharply defined and appears to have the pushrods attached to the ignition ring instead of the engine casing.



Figure 2: Assembled Kit-Supplied Revell 1/32 Corsair Engine

There are several other 1/32 aftermarket resin R-2800 engines, better-described as engine kits, available (e.g., Vector, Techniks, Aires, Eduard), which run between \$40 and \$60+. I opted for the Quickboost engine that was readily available, an improvement over the kit-supplied one, and priced at about \$16. While it is marketed as the engine for an F4U-1D, both the 1A and 1D Corsairs were reportedly outfitted with the R-2800-8w engines.



Figure 3: Quickboost 1/32 Resin Corsair engine parts.



Figure 4: Main engine body before painting.

The first step was to paint the main engine body. I used Testors Aluminum Plate Metalizer (my favorite aluminum) from the spray can, buffed it with an old toothbrush, and applied Tamiya black panel line accent wash to bring out the cylinder cooling fins. The engine casing was painted a light blue gray and the prop shaft steel.



Figure 5: Metalizer polished after drying.



Figure 6: Black panel line accent wash applied to cylinders

The Quickboost engine does not come with separate or molded-on pushrods or ignition wires. I used Evergreen rod for the pushrods and copper wire for the engine ignition wires. The most tedious part of the engine build was the cutting to size and gluing on 18 ignition wires. I pre-painted the pushrods gloss black and painted the copper ignition wires flat brown at the last step. Before supergluing in the copper wires, I added an additional ignition wire connection point at each of the nine locations so that two wires, one for each front cylinder, one for each rear, could be separately installed. I first glued a long piece of thin rod to the ignition ring adjacent to the stub on the ring, then cut most of it off leaving the second connection point stub.



Figure 7: Adding pre-painted pushrods.



Figure 8: Adding ignition wire connection stubs.

continued on page 9



# Dressing Up a Double Wasp

Once this was done, I glued in a ring of wire to represent the cowl baffle ring that sits between the cylinder rows and glued a piece of curved wire to the “ears” at the top of each front cylinder to replicate the arc-shaped connecting tubing on the real engine cylinders. The ignition ring and cowl baffle ring were painted gloss black prior to gluing on the ignition wires. After the latter were glued on, the ignition ring wire connection points were painted white.



Figure 9: Substitute cowl baffle ring.



Figure 10: Arc-shaped pieces of 30-ga. wire connect the cylinder “ears”.



Figure 11: Ignition and cowl rings painted gloss black.



Figure 12: Completed, and with all resin parts in place.

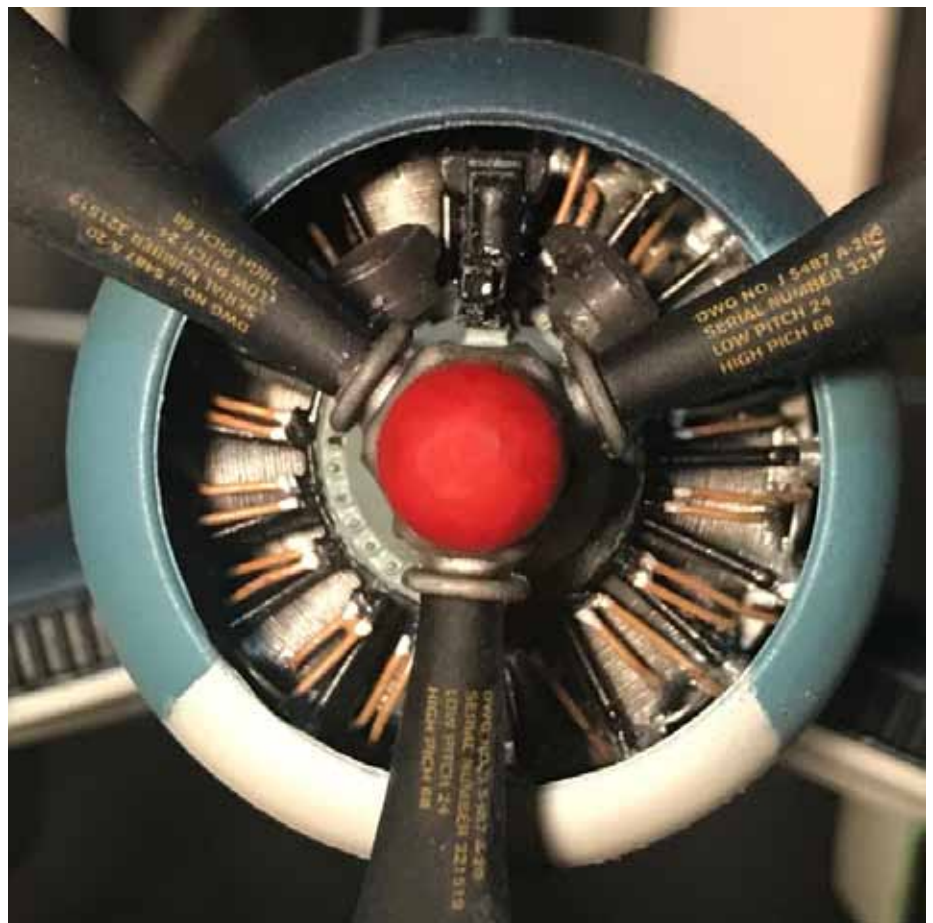


Figure 13: Front end of the finished Revell Corsair.

While the finished model isn't show-worthy, I did gain valuable experience in scratch-building and the use of aftermarket parts, with the engine being the high point of the whole effort.

It takes work, but the vintage Revell Corsair can be made into a fine-looking representation of one of the greatest planes of its day, made so in large part by the R-2800 Double Wasp, arguably the greatest radial engine of all time. ■

**SOMETHING FOR EVERY KIND OF MODELER!  
AUTOMOTIVE · AIRCRAFT · ARMOR  
FIGURES · SCI-FI & MORE!**

# MODEL FEST

**PLASTIC MODELERS' CONVENTIONS**

**SUNDAY, FEBRUARY 24 · 10AM - 2PM**

**PHILADELPHIA &  
SOUTH JERSEY AREA**

**Wyndham Philadelphia - Mount Laurel**  
1111 NJ 73 · Mount Laurel, NJ 08054 · Exit 36 I-295 Exit 4 NJ Turnpike

Time to thin the stash? Need some extra money? (Who doesn't?)  
**VENDOR TABLES STILL AVAILABLE!** Only \$45 each!  
Call 760-832-6213 or e-mail [info@rare-planedetective.com](mailto:info@rare-planedetective.com) today!

**[www.modelfest.info](http://www.modelfest.info)**  
**[www.rare-planedetective.com](http://www.rare-planedetective.com)**

**Don't miss out  
first show in over  
three years!**

For Dealers' Tables Or Additional Information...

## MODEL FEST

c/o Rare-Plane Detective  
35688 Cathedral Canyon Drive · Suite 110  
Cathedral City, CA 92234

**(760) 832-6213**

E-mail: [info@rare-planedetective.com](mailto:info@rare-planedetective.com)

Admission Only \$5 At the Door  
Spouse & Juniors Under 18 FREE

*EARLY BIRD ADMISSION:  
Only \$10 From 9 - 10AM*

## Join IPMS/USA

**Why?** The International Plastic Modelers' Society/USA, of which Delaware Valley Scale Modelers is a chapter, finances the insurance required for our monthly meetings and for model contests around the country, and offers a make and take program for young modelers. Encourage the enjoyment of modeling in all its forms: aircraft, armor, cars, ships, fantasy, figures, military or civilian, beginner or advanced, join IPMS/USA! "By Modelers, For Modelers"

**What do I give?** Adult, 1 year: \$30. Adult, 2 years: \$58. Adult, 3 years: \$86. Junior (under 18 years), \$17. Family, 1 year: \$35 (adult + \$5).

**What do I get?** A membership card with your IPMS number that entitles you to enter the IPMS/USA National Contest, plus the magazine, IPMS/USA Journal, six issues per year, featuring great models and building techniques, kit and book reviews, and activities, plus access to members-only content on [ipmsusa.org](http://ipmsusa.org).

**How?** Clip and mail the coupon in the DVSM Newsletter or the IPMS/USA brochure, see our IPMS contact, Joe Vattilana, at the next DVSM meeting, or join online at [ipmsusa.org](http://ipmsusa.org). ■

## IPMS/USA MEMBERSHIP FORM

IPMS No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Address: \_\_\_\_\_ If Renewing \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_  
 Signature (required by PO) \_\_\_\_\_  
 Type of Membership  Adult, 1 Year: \$30  Adult, 2 Years: \$58  Adult, 3 Years: \$86  
 Junior (Under 18 Years) \$17  Family, 1 Year: \$35 (Adult + \$5, One Set Journals)  How Many Cards? \_\_\_\_\_  
 Canada & Mexico: \$35  Other / Foreign: \$38 (Surface) Checks must be drawn on a US bank or international money order  
 Payment Method:  Check  Money Order  
 Chapter Affiliation, (if any): \_\_\_\_\_  
 If Recommended by an IPMS Member, Please List His / Her Name and Member Number: \_\_\_\_\_  
 Name: \_\_\_\_\_ IPMS No.: \_\_\_\_\_  
**IPMS/USA** PO Box 56023  
 Join or Renew Online at: [www.ipmsusa.org](http://www.ipmsusa.org) St. Petersburg, FL 33732-6023



# Support the Local Hobby Shops

## THAT SUPPORT OUR CLUB

---

### **AAA HOBBIES & CRAFTS**

706 N. White Horse Pike, Magnolia, NJ 08049

- 856-435-1188
- Monday-Thursday: 10-6 • Friday: 10-8
- Saturday: 10-6 • Sunday: 11-5
- Email: AAAHobbies@comcast.net

### **BNB HOBBY & TRAIN DEPOT**

10 West Camden Ave., Moorestown, NJ 08057

- Ph: 856-235-9055 • Fax: 856-235-9255
- Offers 15% discount to DVSM members
- email: bnbhobby@msn.com
- Tue. -Wed.: 6-9 pm • Thu.-Fri.: 12-9 pm
- Sat.: 11 am-7 pm • Sun. 11 am-3 pm
- Trains, Models, Crafts, Rockets R.C., Puzzles, Paints

### **D & K HOBBIES**

Offers 10% discount to DVSM members

116 Barclay Shopping Center, (Route 70 West), Cherry Hill, NJ 08034.

- (856) 795-9005 • www.dkhoobbys.com
- RC, Model Kits, Trains, Crafts, Collectibles and more
- Mon.-Fri 11 am - 8:pm • Sat., 10 am - 5 pm • Sun, Noon - 4 pm. • Closed Wednesday

### **HOBBYMASTERS, INC.**

"New Jersey's Most Complete Hobby Center"

62 White Street, Red Bank, New Jersey 07701

- Phone: 1-732-842-6020 • Fax: 1-732-747-3752
- Mon. - Thurs: 10:00 am to 6:00 pm • Friday, 10:00 am to 8:00 pm • Saturday, 10:00 am to 5:00 pm • Sunday, 12:00 Noon to 5:00 pm
- Offers 10% discount to club members. (Show your club card)
- Web: www.hobbymasters.com

### **MAIN LINE HOBBIES**

Plymouth Meeting Mall, Plymouth Meeting, PA

- Tel 610-834-1600
- 10% discount to DVSM members
- www.mainlinehobbies.com
- email: les@mainlinehobbies.com
- Mon., Wed.-Sat.: 10 am - 9 pm Sun.: 11am - 6pm
- Closed Tuesday
- Sat.: 10 am - 5 pm • Sun.: 12 pm - 4 pm

### **MILLENNIUM HOBBIES**

#### **& THE GUNDAM KITCHEN**

"Your Home For Gundam and Anime Collectibles, cooking up some Gunpla fun."

- Mon 11am - 7pm, Tue-Sat 11am - 8pm, Sun closed
- Offers 15% OFF military and automobile models and 10% Gundam and other models to DVSM members (with DVSM member card)
- 1031 Little Gloucester Rd., Blackwood, NJ 08012,
- Phone: (856) 352-60488
- Website: <http://thegundamkitchen.com/>
- Facebook: the gundam kitchen

### **NEW CONCEPT III**

Offers 10% discount to DVSM members

676 Stokes Road, Medford, NJ 08055

- 609-953-0404
- Open 7 days a Week, •M-F 11-8, Sat 10-6, Sun noon-4
- Have thousands of kits dating back to the 1970's

### **Z & Z HOBBIES, INC.**

98 Trenton Rd, Fairless Hills, PA

- Phone: (267) 583-3354 • Web: [www.hobbiesnow.com](http://www.hobbiesnow.com)
- Mon., Tues., Thurs.; 10 am to 6 pm
- Wed. & Fri.; 10:00 am to 7:00 pm • Sat.; 10 am to 5 pm
- Sun.; Noon to 4 pm.