

Directions to the Club Meeting Location

Where: South St. Paul Municipal Airport, a.k.a. Fleming Field, located on the southern extremity of South St. Paul, south of 1-494, west of Concord Street and East of Highway 52.

If coming from the western Twin Cities going east on 494:

- Exit at the 7th and 5th Avenue exit (Exit No.65)
- Turn right (South) on 7th Ave and go approximately .6 miles to a 4-way Stop sign. This is South Street W. To your left there will be a McDonald's; to your right front there will be a Walgreen's.
- Turn left (East) at the 4-way Stop onto
- South Street W and go approximately .6 miles. Along the way you will encounter three more Stop signs—the third Stop sign (Henry Avenue) will be a "T" intersection. At the "T" intersection on your left will be homes and on your right softball fields.
- Turn right (south) onto Henry Ave. and go approximately .2

- miles toward the Fleming Field airport terminal building.

If coming from east Twin Cities on westbound 494:

- Exit at the 7th and 5th Avenue exit (Exit No.65)
 - Turn left (South) on 7th Ave and go approximately .6 miles to a 4-way Stop sign. This is South Street W. To your left front there will be a small strip mall; to your right there will be an Amoco station.
 - Turn left (East) at the 4-way Stop onto
 - South Street W and go approximately .4 miles. Along the way you will encounter two more Stop signs—the third Stop sign (Henry Avenue) will be a "T" intersection. At the "T" intersection on your left will be homes and on your right softball fields.
 - Turn right (south) onto Henry Ave. and go approximately .2 miles toward the Fleming Field airport terminal building
- The terminal is on the right with

Twin City Aero Historian
Rick Schmierer
 1852 E. 39 Street
 Minneapolis, MN 55407

Return address requested

The Aero Historian is published monthly by the Twin City Aero Historians, Inc., a joint chapter of the American Aviation Historical Society and International Plastic Modelers Society/USA, for members and readers as part of their annual dues or fees.

The group is open to aviation enthusiasts from teenagers on up who are interested in aviation modeling, photography, collecting, art and writing. For more information contact Larry Donovan at 651-501-4755.

The Twin Cities Aero Historians (TCAH) meet the second Saturday of every month at 1:30pm.

See above for the new meeting locations and directions.

Mail Newsletter material and address changes to the treasurer.

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DRAW DECALS

The Aero Historian



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September 2013



Hasegawa 1/48 RF-86-40 Sabre
 by Mark Rossmann

Hasegawa 1/48 RF-86-40 Sabre by Mark L. Rossmann

The F-86 Sabre was the U.S. Air Forces successor to the P-51. The F-86 was manufactured in several countries most significantly after the U.S. was Canada, via Canadair, and by Japan via Mitsubishi Heavy Industries (creator of the Zero) under license, from 1956 to 1961.

Under the Military Assistant program started in 1954, the new JASDF received 29 former USAF F-86F-25 and -30 aircraft. The first JASDF Wing was activated in October 1956 using T-33A trainers and F-86Fs. A total of 135 former USAF F-86Fs, mostly Korean War veterans, were received until early 1957.

The F-86F-40 was like the F-

86F-25/30, but with a modified wing, featuring a 30 centimeter (1 foot) wingtip extension on the "6-3" wing, and having restored the leading-edge slats. This wing was called the "F-40". The first F-86F-40 was produced at the Inglewood plant in October 1955. Performance characteristics were the same as the F-86-25/30, while the F-86F-40 had eliminated the "hot" landings.

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TCAH Officers

- President**, Johannes Allert
Vice-President, Frank Cuden
Secretary, John Dunphy
Treasurer, Tom Norrbohm
Historian, Tom Norrbohm
Sergeant-at-Arms, Bob Maderich II

Newsletter Info

Article Submission Deadline: 22nd of each month

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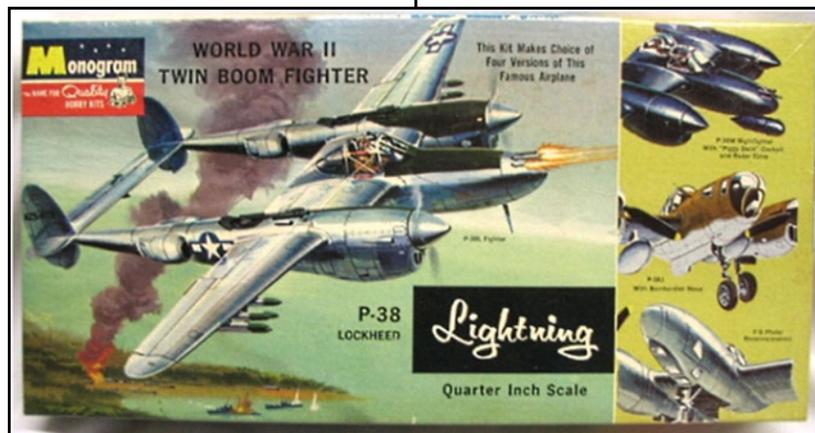
TCAH This Month

The monthly meeting will be held Saturday September 14, at Fleming Field, South St. Paul, beginning at 1:00 pm. Vendor baiting will begin about 12:00, so come early.



From the Prez
 by Johannes Allert

You never forget your first girlfriend...or first kit....



As time passes, I've become more nostalgic. Occasionally, I'll drop in at Scale Model Supplies located on the corner of Lexington & University and scan the various 'oldies' on the upper-shelf. I'm reminded of the time I found Dad's old Revell B-24 kit (now valued at \$100 + on Ebay) he built sometime after he returned from the war. I wanted to try my hand at it too, so my Dad took me to Woodcraft Hobbies (now extinct) located at Signal Hills (also extinct) where he helped my pick out another aircraft he was familiar with – the P-38 Lightning. Monogram's box art was never as artistic as Revell's, but this still caught my eye – particularly the ability to build one of four variants. Decisions! Decisions!

Now in all honesty, I remained a spectator in this initial endeavor and watched my Dad carefully construct it. Nevertheless, I was hooked and to a limited extent, still am. Ironically, this kit was my first and only 1/48 kit, the rest of my stash remains 1/72 scale. Paradoxically, kits designed back

in the late 1960s and 70s in the United States have been surpassed by more accurate (and more costly) models produced in countries that were

once considered underdeveloped. Furthermore, the demographics of modelers has changed – we've all grown older. Time has a way of doing that. However, most of us remain a kid at heart.

The list of quality kits, the tools used to build them, and the aftermarket items available to spruce them up is endless compared to what was available thirty or forty years ago. Yet, the core hobby remains constant and regardless of one's age or where one is at in their life, we remain inspired by the infinite possibilities whenever a new kit release list appears on the internet. Decisions! 



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86F-40 was South Korea, correct me if I am wrong. The U.S. was already committed to the RF-84F and new recon aircraft were coming on-line, therefore did not take delivery of these units, thus closing out its run of -40 Sabers'.

RF-86-40's were flown by the 501st SQ. (Iruma AB) and A. D.C. Headquarters SQ. (Iruma AB)

The Hasegawa RF-86-40 model is well designed and crisply manufactured, providing the correct -40 wing assembly. Additional camera port parts were provided to glue to the side of the aircraft. The underside cameras required you to cut a portion of the model from just behind the front wheel well to where the wing attached across the center of the model. This was a bit tricky insert as it pressed against the bottom of the cockpit

tub. A bit of sanding and cutting cleared that up. On some of the RF-86F's the guns were removed and the openings faired over, I choose to do that, on the actual aircraft they painted on the gun ports to simulate the aircraft had them, I used the decals to do the same.

The decals provide you with the 2 recon squadron markings, I chose the 501st Squadron. I built this model about 3 years ago, some of the decals yellowed. I had extras and recently did some

work taking off the bad ones... had a couple of issues as some lighter silver coloring is evident on the pictures.

The F-86-40 aircraft pictured with it are from the 10th SQ 8th AW.

Sources: Hasegawa Instruction sheet, Encyclopedia of Worlds Combat Aircraft a Salamander Book and Greg Goebel's (Mr. G) website: www.vectorsite.net 



On The Table—August 2013

Modeler	Kit	Manufacturer	Scale
Peter Nolden	Nissan Skyline RS	Tamiya	1/24
Peter Nolden	Focke Wulf 190A-3	Tamiya	1/72
Don Stauffer	J-3	Hobbycraft	1/48
Don Stauffer	C-172	Minicraft	1/48
Don Stauffer	Lucia Simpson	Scratchbuilt	1/96
Dave Perzel	F-86F-30	Academy	1/48
Gordy Larson	Fokker D-8 components	Scratchbuilt	1/16
Bruce McClain	Jaguar GR.1	Kittyhawk	1/48
John P. Ross	SU-27UB	Trumpeter	1/72
Winston Vermilyea	He-219 In-progress	ZM	1/32
Winston Vermilyea	Ki-98 In-progress	Meng	1/72
Winston Vermilyea	Me-109Z In-progress	Planet	1/48
Winston Vermilyea	Lowe ip	Amusing	1/35
Don Stadick	Ork Bomber	Games Workshop	1/?

Upcoming Model Events
by Mark Jacques

14 to 17 August 2013 – 2013 IPMS/USA Nationals – “The Thin Air Nationals” – JQ Hammons Conference and Convention Center & Embassy Suites Hotel, Loveland Colorado (www.embassysuitesloveland.com or 970-593-6200) Watch the IPMS/USA website and the Journal for more information or contact info@ipmsusa2013.com

14 September 2013 – Gateway to the West Contest and Swap Meet – IPMS Gateway @ Viking Conference Center, Holiday Inn, 10709 Watson Road, Sunset Hills, MO, contact Doug Barton at 636-332-9960 or pedocdoug@gmail.com or visit the club website at www.ipms-gateway.com

21 September 2013 – NordicCon – Theme: “Need For Speed” – Twin Cities Aero Historians @ Northern Star Council, Boy Scouts of America Base Camp, 201 Bloomington Road, Fort Snelling, MN 55111, www.explorebasecamp.org ph: 651-254-9135. 9:00am to 4:00pm. Contact: Bob Maderich II, ph: 612-423-2985, robertmaderich69@hotmail.com or Erik Zabel, zabelerik@hotmail.com or website www.aerohistorians.org

21 September 2013 – IPMS Prison City Model Show – IPMS Prison City Modelers @ The Heritage, 109 Delaware Street, Leavenworth, KS, contact Shane Curtis 254-220-2750

3 to 6 October 2013 – iHobby Expo – IPMS USA @ Schaumburg Convention Center, Schaumburg, IL, contact www.ihobbyexpo.com

12 October 2013 – The 39th

Annual Chicago Show – The Military Miniature Figure Society of Illinois @ the Hyatt Regency 1800 E. Golf Road, Schaumburg IL. 9:00am to 4:00pm. For more information contact Show Chairman John Van Der Meulen (JVanDerMeulen@aol.com 847-918-8456) or Pat Vess (pat@livezey.net 630-730-2492) or the website www.mmsichicago.com

19 October 2013 – Glue Crew 2013 – 5-36 The Glue Crew @ Howard Johnson Inn & Convention Center, 2101 North Mountain Road, Wausau, WI, contact Joseph Drew at 715-842-0173 or jdrew09@charter.net or visit the club website at www.thegluecrew.com

19 October 2013 – Moss Con 2013 – IPMS Missouri Ozarks Scale Specialists @ White House Theater, 2255 Gretna Road, Branson, MO, contact Nate Jones at 417-230-6220

1 February 2014 – 17th Annual Hope It Don't Snow Show - IPMS 5-33 Zumbro Valley Scale Modelers @ Ramada Hotel and Conference Center, 1517 16th St. SW, Rochester, MN. For more information, contact Kris Krco at 507-254-4646 or zvsm@gmail.com or visit the club website at www.royalresin.net/ZumbroValleyScaleModelers.html

22 March 2013 – 9th Annual Model Show and Contest – IPMS/South Central Modelers of Minnesota @ Five Lakes Centre, 308 South State Street, Fairmont, MN. 9:00am to 4:00pm, Registration till Noon; Entry Fee: \$1.00 per model. Website: http://public.fotki.com/73superduty/south_central_model; contact

Gregory Pausewang 57chevy1957@bevcomm.net or at (507) 526-3531.

12 April 2013 – SURGICON 20 – IPMS Plastic Surgeons @ The Euclid Room, 2540 E. Euclid Avenue, Des Moines, IA. For more information please visit the club website @ www.ipms-plasticsurgeons.com or contact Aimee Wright 515-292-3395 or ithondagirl@gmail.com

26 April 2013 – Fleacon 109 – Alexander Lippisch @ PS Air Hanger @ Easter Iowa Airport, Cedar Rapids, IA contact Bill Kreuger @ 319-362-9602 or librarian@gl-iowa.org or visit the club website http://ipms-usa-lippisch-chapter.org/wordpress/

6 to 9 August 2014 – 2014 IPMS/USA Nationals – Hampton, VA. Watch the IPMS/USA website and the Journal for more information.

18 October 2014 – 2014 Region 5 Regional Convention / IPMS West Central Missouri – information will be posted in the near future. 

Treasurer's Report
by Tom Norrbohm

The last month of quiet time before the renewal period starts next month (see notice elsewhere in this issue). Expenses were a total of \$424.70, tables for Nordic Con and newsletter/postage. Income was \$160.00 for the Special Awards for Nordic Con. Our balance as of 8/12/13 is:  \$3,526.24.

Airline Chatter
by Terry Love

Airbus now has 616 firm orders for the A-350 from 34 customers.

Boeing announced that, as of July 1, they have received orders for 692 airliners this year. Boeing delivered, as of July 1, the following - 216 Boeing 737s, 12 Boeing 747s, 12 Boeing 767s, 47 Boeing 777s, and 17 Boeing 787 Dreamliners.

American Airlines is painting all 357 airliners in their fleet. They should be done by the second half of 2016. Boeing and Airbus will deliver new aircraft already painted in the new scheme.

Delta airlines will hire 225 new flight attendants in the next few months.

Cathay Pacific Airlines took delivery of the 1000th Airbus A-330- airline on July 19.

All Nippon Airlines ordered 3 Boeing 777-300ERs valued at \$945 million.

Airbus received 932 orders from January to July this year, with the vast majority being announced at the Paris Air Show in June.

Airbus delivered its 8000th aircraft - an Airbus A-320 - to Air Asia on August 3.

IAG, the parent company of British Airways and Iberia, ordered 120 Airbus A-320s for Iberia and 100 Airbus A-320s for British Airways.

Delta Airlines earned \$685 million in the second quarter of 2013.

Hawaiian Airlines earned \$11.3 million in the second quarter of 2013.

UPS earned \$1 Billion in the second quarter of 2013.

U S Air earned \$287 million in the second quarter of 2013.

American Airlines earned \$600 million in the second quarter of 2013.

Southwest Airlines earned \$224 million in the second quarter of 2013.

United Airlines/Continental Airlines earned \$469 million in the second quarter of 2013.

Alaska Airlines earned \$104 million in the second quarter of 2013. 

Secretary's Notes
by John Dunphy

Meeting called to order by Tom Norrbohm at 1:20. Johan arrived and took over minutes later. No guests.

New Business: 'Hope It Don't Snow' will have 20 Special Awards at their contest this coming winter in Rochester, MN. Check their website for further details; The Ploesti Raid 70th anniversary reunion was held and was organized and hosted by former club member Mark Copeland.

Old Business: Dues renewal starts next month in September. \$20 for regular members and \$10 for Seniors and Juniors; Nordic Con Update-Need volunteers for the following- Parking Lot Attendants, Registration, Raffle, Security, Make-N-Take, Judges and Set Up and Take Down. For

Vendor tables get a hold of Eric Zabel. Need supplies for Make-N-Take.

Show-N-Tell emceed by Bob Maderich, and Johan did his presentation on the Modification Facility at Holman Field in St. Paul. Former club member Jim Goodall stopped by for a visit after the meeting was adjourned. 

ANNOUNCEMENT

Once again it is that time of year and beginning in September and running thru December 31st of this year, **DUES RENEWAL** will be upon us. Dues are \$20 per year for regular members and \$10 per year for Seniors and Juniors. In recent years, if you renewed after the Dec. 31st deadline, you incurred a penalty **DOUBLE** the yearly dues owed. I was informed that this was voted in at some point in time in the past; however, in looking at the club Constitution and By-Laws on the web site, there is no record of this. So..... this time around, if you pay after the Dec. 31st deadline, you will incur a penalty of \$5.00, whether you are a regular member, Senior or Junior. This will be more palatable rather than a \$20 penalty on top of the \$20 dues.

Checks are to be made out to TCAH. You can pay at the meeting or mail the checks to me. I *really* prefer if you could mail the checks as this means less work for me at the meeting. My address is: Tom Norrbohm, 9936 Columbus Ave. So., Bloomington, MN 55420

I will not be at the October meeting as I will be in Chicago that weekend, so let's get those dues paid up by the end of the year! 



(Continued from page 1)

The USAF was in need new fighters and bought 280 NAA F-86F-40s. Also a large number of "F-40" wing kits were ordered to retrofit to older F-86Fs via the IRAN program with many being supplied to US allies. The F-86F-40 was the final production variant of a total of 2,538 F-86Fs built

Kits were sent to Japan in August of 1955, with the first JASDF F-86F-40 coming off the Mitsubishi line one year later becoming the first users of the -40. Mitsubishi would assemble a total of over 300 F-86F-40s.

Late Japanese production would equip the Sabre to carry



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the "Sidewinder" heat-seeking air-to-air missile (AAM). These first Sidewinders needed to be accurately bore sighted on the target's exhaust to be effective. The pilot would hear through his earphones, a growling tone that grew louder as the missile confirmed a lock for firing.

JASDF Hikotais 1 to 10, plus the "Blue Impulse" aerial display team flew the F-86-40's.

In December 1961 Mitsubishi modified eighteen former USAF F-86F-25s and -30s to an RF-86F recon version, by adding three cameras near the cockpit and underneath, most identifiable by the bulge's it created. Besides Japan, the only other country I am aware of that used the RF-

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