# The Aero Historian

Volume 41 Number 3

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## A Couple Examples From February's On The Table

Steve Erickson's 1/48 Tamiya F4U-1 Corsair and Steve Hustad's 1/72 Roden Fokker D-VII

# GENERAL H.H. "HAP" ARNOLD - AUTHOR

by Noel Allard

All of you recognize the name of Henry H. "Hap" Arnold, Commander in Chief of the Army Air Forces in WWII. It was Hap Arnold who was Jimmy Doolittle's boss, Hap Arnold whose command sent the B-29s to drop the atomic bombs on Japan. But how many of you know that one of Arnold's great personal skills was his ability to write children's books?

Perhaps one of Arnold's least enduring accomplishments, but perhaps the real reason that he became the top leader of the Air Forces, was his ability to communicate his ideas through his written words. Hold that thought for a moment while I give you some background. Beginning just prior to the turn of the century, the twentieth century - or prior to 1900, there be-

gan a genre of story-telling that has been labeled 'children's series books'. I got interested in the series books while, like most of you - reading the Hardy Boys series, which was nearly the final moment of glory for this genre. Only, I was smitten a little earlier with the Dave Dawson series. The Dave Dawson books were a series written in the 1945 – 1946 time period. As little kids, we were often given one of the many series books as a birthday or Christmas gift...from Aunty Alice, or Uncle Charlie. I happened to receive a couple of the Dawson books and read about the exciting adventures of two military pilots in such places as China-Burma, the Battle of Britain, Guadalcanal, Midway, etc. The books typically described in utter simplicity, the adventures of usually a pair of strapping American lads, usually in their teens or twenties, and the likes of spies, thugs, saboteurs, etc. that made their lives miserable. The

endings were always melodramatic...the good guys always won, and the last few pages left one anxiously waiting to read the next volume in the series.

From the turn of the century, such compelling series such as: The Campfire Boys, The Border Boys, The Khaki Boys, Uncle Sam's Boys, The Battleship Boys, The Navy Boys, The Six River Motor Boys, The Rover Boys, The Ranger Boys, The Saddle Boys, and especially the aviation books that I loved, Tom Swift; Aeroplane Boys, The Bird Boys, Air Service Boys, Ted Scott series, Rex Lee series, Don Sturdy series, and as for this article, the Bill Bruce series, written by H.H. Arnold in 1928. The last series books were written during and immediately after WWII and those included the Hardy Boys. Each series generally included about ten titles, and there were

(Continued on page 5)

## **TCAH Officers**

President, Johannes Allert

Vice-President, Frank Cuden

Secretary, Larry Donovan

Treasurer, Steve Jantscher

Historian, Tom Norrbohm

## **Newsletter Info**

Article Submission Deadline: 22nd of each month.

Editor
Bob Arko
6417 Rice Court
Lino Lakes, MN 55014
651-481-8887h
763-496-6742w
bob@loucksmclagan.com

Distribution Editor
Rick Schmierer
1852 E. 39 Street
Minneapolis, MN 55407
612-721-8787
rschmierer@mn.rr.com.

Send articles to: Bob Arko 6417 Rice Court Lino Lakes, MN 55014 bob@loucksmclagan.com

Send Change of address notice to: Steve Jantscher 20430 Texas Avenue Prior Lake, Minnesota 55372

## **TCAH This Month**

The monthly meeting will be held Saturday March 10, at Fleming Field, South St. Paul, beginning at 1:30 pm. Vendor baiting will begin about 12:30, so come early.

Picture your model here! Send me a photo of your model, and it'll be used to fill these little white spaces at the ends of the columns.

# From the President by Johannes Allert



Photo taken of me & "Sergeant" 3 years ago – I'm the one on the left in case you're confused.

"I'm not dancing, I'm waltzing."

Quote from the movie "Sweet Land" (2006)

"Hey, those are nice stickers on your model airplane!" said my coworker, as she admired the DC-3 on my desk. "Those aren't **stickers**." I replied. "They're **decals**!" Ahh, the efforts we go through to make our hobby more respectable!

One of the members says that his significant other refers to the weekend the MMFA & TCAH have their meetings as "Geek Weekend". Fortunately, the member has a very good sense of humor, as well as thick skin. He takes the whole thing in stride by replying "It could be much worse! I could be spending my time at a bar!" Good for him! We should all try to be more like that! I think we also need to convey our hobby in a more positive light. Here are but a few examples:

"It's not an unfinished model laying around forever; it's a work-in-progress."

"It's not a bunch of plastic stuffed into the closet; it's a **collection**."

"That's not a pile of disorganized junk on the workbench; they're tools-of-the-trade."

We modelers view much (if not all) of our hobby from a different perspective than those around us.

We sometimes feel that we're only one level up from those who show up at a "Monster Truck Rally" (three levels up if you throw in a "Star Trek Convention"). To our credit, none of us waits outside a hobby store camped out for 3 days waiting for the latest releases (do those people that do that at other stores actually have a job?). On the other side of the coin, there are those out there in greater hobby world who do little to help our image. They appear at a contest or their club meeting. dressed like a bag-of-doughnuts, don't bother to take a bath, and excel at being rude by shoving bystanders out of the way, while hurrving to get that kit thev'll never build from the vendor room. Ah, Yes – we have met the enemy, and sometimes, it's us.

I remember seeing a photo taken at an IPMS National Convention years back, where one of the IPMS Officers was at the banquet table eating while wearing a baseball cap. OK, so call me uptight. I'm not suggesting coat tails and white tie here, but c'mon! It's a semi formal event for Pete's sake! Clue up!

If we want our hobby to be taken seriously, we have to make an effort to convey a better image while at the same time ignoring those who might find us a bit eccentric. After all, which is worse? Building a kit in the quiet and privacy of your home, or gathering with the rest of the lemmings to try out for the next so-called "reality show". If that's reality, then I picked the wrong time to stop sniffing glue! Oh, and that latest fad called a "Mancation", where a bunch of guys get together for a weekend? Duh! Hello?! We already invented it -- its called IPMS Nationals! Like I said. it's all a matter of perspective. Many people we've known and introduced to the hobby are amazed at the work and artistic techniques that are applied. Like model railroading, it's not just for kids anymore! Time for me to get back to some modeling of my own... now, where did I put those stickers ...er..... I mean decals?!

# GENERAL MEETING MINUTES – February 2007

Meeting was called to order by President Johannes Allert at 1:20 pm Saturday February 10th. Fifty seven members were in attendance.

#### **Guests and New Members**

Please welcome the following guests and new members: John Vadnais, a new member interested in military aviation history and 1/32nd aircraft: Jim Gloeck, another new member, who is interested in 1/72nd aircraft and ship models: and a quest from IPMS Sweden and IPMS Stockholm (as your club secretary was still fighting the after effects of vicodin for his recent illness, he did not get Michael's last name...mea culpa!). Michael is interested in 1/48th scale aircraft from post World War One through the Second World War, and will be in Minnesota for the next three months.

## **Vendor Report**

Axel talked about two new books; one a study of the B-18 Bolo, the other on Carrier units in the Second World War. John Roll informed us of George Mellinger's book from Osprey, Soviet Fighter Aces of World War 2. Winston showed the club the special Hasegawa boxing of 15 Mitsubishi Zero fighters complete with special edition boxwork. Further releases from the 1/48th armour Hobby Boss kits are in the pipeline and he should be restocked on Hobby Boss aircraft kits by the next meeting.

## **Show Table**

Frank Cuden conducted the session for a full show table this month. Please see the list in this newsletter for the show table complete listing.

## **Guest Speaker**

Our club's own Dave Pluth spoke on his interest in Japanese aviation in World War Two with an emphasis on captured aircraft test flown by the Allies during the war. Dave also talked about the website he helped to develop and focus on World War Two Japanese aviation, www.jaircraft.com, now in it's tenth year of operation.

## Business Meeting Kits for Troops

Ken Sallman presented to the club an update and a list of modeling clubs in the war zone. He presented the option of taking the amount donated and spending \$350 per quarter year, with \$175 dollars of this going to two clubs of the our choice. This amount (\$175) would then be set up as a "letter of credit" with Roll Models and Wings and Treads. By show of hands the club voted the funds to the Baghdad hobby club and the hobby club at Bagram in Afghanistan.

## Models as Art Exhibit

Steve Capiz talked about his idea for a model show, Aviation as Art at his studio at 1500 Jackson Street NE in Minneapolis. Steve stated that the club show would be in June with setup on the first Wednesday, and public showing on Thursday through Saturday ( and possibly that Sunday). Steve does need a commitment from the club to do the show. Discussion then centered on the theme of the show. Models as Art or Aviation as Art. One possibility is to do an Aviation as Art, but also provide several tables representative of club members' other modeling interests (armour, ships, car, dioramas). Johannes recommended that Ken Hornby, Steve Jantscher and Steve Capiz meet and develop a plan to present to the club at the March meeting.

## NordicCon Update

The theme of NordiCon this year will be **Models from the Movies**. Don Stauffer will be creating a poster. Con chairman, Bob Maderich, asked that anyone interested in giving a Special Award contact him by email or directly as as possible so we can include these in the advertising for Nordic-Con. Date for Nordic Con will be September 29th at Fleming

Field. In other contest news, RPM of Minnesota wants to host a Region 5 IPMS Contest in 2008 and would like our participation. A show of hands indicated an interest in this, pending consideration of how this contest will be funded and what percentage of any profit from the contest will be split amongst participating clubs.

# Twin City Aero Historians 40th Anniversary

The celebratory coffee mugs with the artwork are ordered, and should arrive in a couple of weeks (from the February meeting). These will be distributed at the April meeting, each mug containing one raffle ticket. A motion was made and seconded to appropriate \$600 from the club's Treasury for raffle items for the April celebration. Motion approved unanimously.

#### **Annual Awards**

The Annual Awards for Modeler of the Year, Newsletter Article of the Year, and Historian of the Year will be voted upon at the March Meeting, with the awards to be presented at the April meeting. For nominees see the separate article in this month's newsletter.

## **Membership Update**

Treasurer Steve Jantscher reported that our membership renewal rate was at 80%; half of whom opted to receive the newsletter electronically.

## Other Clubs' contests

Overall impression of the Zumbro Valley "Hope it Don't Snow" show was very good. The total number of entries was down but this may have been due to the fact that it was a billion degrees below zero wind chill that day. Coming up in March is the Southern Minnesota IPMS club's show in Fairmont on March 24th, and Omacon in Omaha (show site is in Council Bluffs, IA) on March 17th.

#### **IPMS News**

John Roll, the club's IPMS-USA (Continued on page 6)



## North America's Largest Model Contest and Vendor Fair

Wednesday August 22 - Saturday August 25 2007
Anaheim Marriott
700 West Convention Center Way
Anaheim California

# www.ipmsusa2007.org



- 150 Contest Categories & Splits
- Theme & Special Awards
- 220 Vendor Tables
- Museum Tours & Shopping
- · Conference Program



#### Hotel

The 2007 Convention will be located at the Anaheim Marriott. This world-class event hotel will host the contest, vendor rooms, presentations and awards presentation.

To make reservations you may either use the link on the 2007 website - www.ipmsusa2007.org, or telephone Marriott at 1-800-228-9290 and use the event code "ipmipma".

## Family, Shopping & Dinning

The 2007 National Convention is only two blocks from the entrance to Disneyland and Disney's California Adventure theme parks. Special, heavily discounted tickets will be available for advance purchase from the Convention.

Also near by are two major shopping and dining areas featuring truly something for everyone.

## **Tours**

Tours are offered to world class museums:

- Yanks Air Museum
- · Planes of Fame Air Museum
- · National Hot Rod Assoc. Museum
- · Petersen Automotive Museum
- American Military History Armor Mus.

## **Conference Program**

Convention attendees will have access to nearly 60 hours of programs and presentations on modeling related topics.

IPMS/USA 2007, PO Box 5263, Irvine, CA 92616 = (949) 631-7142 - www.ipmsusa2007.org

The Orange County Chapter of the International Plastic Modelers' Society (IPMS/USA) has been selected to host the 2007 IPMS/USA National Convention and Contest in Anaheim California. The event will be held at the Anahiem Marriott Hotel from Wednesday August 22, 2007 through Saturday August 25, 2007. The IPMS/USA National Convention and Contest is the premier display of scale models in the Americas. Modelers from all over the world travel, with their creations, to attend this event each year.

It will have been 33 years since this event was last in Orange County and we are anxious to show all of the participants and visitors what we have to offer here in the area. We are equally excited about showing the general public here in Southern California the remarkable works of art created by the members of our Society.

Anyone may visit the Convention for a nominal admission fee, but Membership in IPMS/USSA is required to participate in the contest, attend seminars and certain other events. The Vendor Room will provide a unique opportunity to find just about anything you could imagine in the way of models.

Tours are offered to venues of significant interest and museums and, naturally, attendees will take advantage of the many recreational opportunities here in Orange County including the iconic Disneyland and Disney's California Adventure.

The 2007 Convention will be located at the Anaheim Marriott. This world class event hotel will host the contest, vendor rooms, presentations and awards presentation. We have secured an outstanding room rate of \$120.00 per might. The hotel is only two blocks from Disneyland and Disney's California Adventure. Special, heavily discounted tickets will be available for advance purchase from the Convention. Also near by are two major shopping and dining areas truly featuring something for everyone.

The area is supported by four major airports, John Wayne, Long Beach, Los Angeles and Ontario. Southern California is famous for its, freeways, so naturally getting there by car is another option. There are also two recreational vehicle parks within three miles of the venue.

If you aren't driving in and don't want to rent a vehicle, the Anaheim Resort offers a very effective and inexpensive transportation service, as well as a complimentary shuttle to Disney Theme Parks.

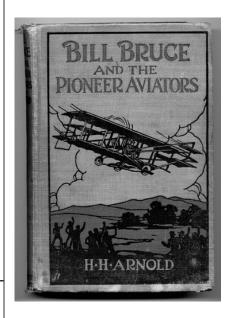
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(Continued from page 1)

similar series for little girls. The language was for the twelve to sixteen year old audience. In the 1960s I began to collect these books, aiming to get at least one in each series. I have over 125 books and if you have never read one, you have missed a great experience. For, in general, the authors, who did know how to write, did not really have much knowledge of their subject. After all, who in 1920 really understood aviation, radio, electricity, engineering - except engineers, and certainly not authors who were cranking out a book a month. That is the appeal of a book such as Tom Swift and his Aerial Express, for example. There were no airliners in the US in the early twenties, yet Victor Appleton, the author, tried to flesh out a story about an airline. The story would make you laugh, yet for a reader, the genre of books draws a clear contrast to the literature of today.

The series written by Hap Arnold shows a greater degree of the understanding of the nature of flight, indicating that he was, indeed, a serious student of flight. His Bill Bruce books include the titles; Bill Bruce and the Pioneer Aviators; Bill Bruce, the Flying Cadet; Bill Bruce Becomes an Ace; Bill Bruce on Border patrol; Bill Bruce on Forrest Patrol; and Bill Bruce in the Trans-continental Race. In the

book. Bruce and the Pioneer Aviators, believe it or not, two boys actually interact with the Wright Brothers, Glenn Curtiss and Louis Bleriot! The book begins with the simple question asked by one boy of another, "How would you like to take a ride in one of these?" asked Bill Bruce as he held up a picture of an airplane for Bob Finch to see. "None of that for me," answers the other boy. The conversation takes place in 1909! The books ends with this: Bill felt sure they were prophesying something that was sure to come true, for he heard the call of the air, a call which can not be resisted, as will be seen in the next volume, "Bill Bruce and the Flying Cadet."



One of these books will carry vou away. I have read every one in my collection, some several times. They are wonderful quaint reading, and the expertise of the authors in the subject matter makes you feel at once comfortable – perhaps their knowledge only parallels your own, while at the same time, becomes an exciting adventure. While not Tom Clancy, they are just as gripping and fun. I hope you have a chance to find a series book in an antique shop, they are running from \$5 to \$10 now. I see them all the time and still pick them up and enjoy reading them.



(Continued from page 3) contact, informed us that since no group has bid yet on the 2009 National Convention and Contest, it is up for grabs on where the event will take place. Johannes told the meeting about the Special Awards for this years Contest in Orange County, Ca. The consensus of the club was

to sponsor categories relevant to the club's interests. Consensus of the membership present was to sponsor a "Best of" and Category awards.

Our next meeting will be March 10th at Fleming Field.



# Airline Chatter by Terry Love

Boeing announced another large order. This time it is from GE Commercial Aviation - an airline industry leasing company. GECAS ordered 18 Boeing 777 freighters, 7 Boeing 777-300ERs, and 24 Boeing 737-800s. Cost is \$5.4 Billion.

Boeing and Airbus are at war with each other over airliner sales and production. Airbus landed a blow with a 30 Airbus A-319 order from Spirit Airlines.

Emirates Airlines has so much oil revenue monies that they want to make Emirates a very large airline. Sometime in the next three months, they are going to purchase 100 airliners.

Northwest Airlines took over Mesaba Airlines a while ago. Now Northwest is re-equipping Mesaba with Canadian Regional Jets - the 76 passenger airliners - 36 of them. These CRJs replace the Avro BAe-146 jets retired last year. This will bring Mesaba out of bankruptcy. Also Mesaba will re-call all laid off employees. Mesaba Airlines will receive their first CRJ in May, and then 2 per month thereafter. Mesaba Airlines has returned, and they will be in great shape.

Airbus announced that with the order from Spirit Airlines mentioned above, that orders for the Airbus A-320 series of airliners has gone over the 5,000 mark. The A-320s are being produced at the rate of 36 per month. Firm orders for the A-320 new stand at 5,016 from more than 200 customers. The A-320s has accumulated 30 million flight cycles, and 50 million flight hours.

Midwest Airlines earned \$3.6 million in 2006.

Northwest Airlines lost \$2.8 Billion in 2006.

Air Canada lost \$77 million in 2006.

Mesaba Airlines fleet is now 49 Saab 340s, and 1 CRJ 50 seater. With the addition of the 36 CRJ 900s, Mesaba will recall all 200 pilots on layoff. Presently Mesaba has 550 pilots active.

Compass Airlines, the newly organized airline created by Northwest Airlines, will get 36 Embraer 175 regional jets, holding 76 passengers. They will start flying in the third quarter of 2007.

Pinnacle Airlines, the third airline (after Mesaba and Compass)
Northwest Airlines is associated with, flies 124 CRJ-200 airliners, and will be obtaining 17 more. Pinnacle is going to purchase a Manassas, Virginia based regional airline feeder presently operating for Continental Airlines.

UPS ordered 27 Boeing 767-300ER freighters worth about \$3.8 Billion. This order makes the total of 767s ordered go over the 1,000 mark, for a total of 1,005 - a major milestone. Boeing is in the running for a 100 plane order from the US Air Force for a new air-to-air refueling tanker.

Russia has caught the lowfare, low cost airline bug. SKy Express of Russia obtained some used Boeing 737-300s and started a low cost airline last November. So far, so good. Japan Air Lines will cut 4,300 employees or about 8% of its workforce by 2009. JAL lost \$89.9 million last year.

Airbus says that demand for its Airbus A-330 airliner is so great, that they are increasing the production rate of the A-330 from 7 to 9 units per month.

Western Airlines have set a record. They shut down 2 weeks after starting up. The fledging low cost carrier flew from Bellingham, Washington to Elko, Nevada and then to 4 locations in Arizona using leased Boeing 737-400s.

Delta Airlines, not one of its regional feeder airlines, but Delta Airlines itself, ordered 30 Canadian Regional Jets, CRJs, with an option for 30 more. These will be used for domestic lightly traveled routes, and will replace some Boeing 737-800s presently being used.

Air One, the low cost carrier of Italy, ordered 10 more Airbus S-320s. They now have 40 Airbus A-320s already in service.

Northwest Airlines and Delta Airlines were considering a "business combination" during the hostile U S Air take-over bid for Delta Airlines.

Delta Airlines lost a huge \$6.21 Billion for the year of 2006. Delta loss in 2006 raises Delta's losses to \$18.5 Billion since 2001.

Delta spent \$4.32 Billion on jet fuel in 2006.

British Airways and partners are looking at American Airlines to buy. I doubt if the U S Government would let that happen.

Historic airport, Templehoff, in Berlin, Germany, will close this year. A new large modern airport is being planned. Templehoff is similar to Midway Airport in Chicago - old, surrounded by the city, and not too viable. The Berlin airlift of 1949 helped make it more famous.

## Outline for the March Meeting 2007

by Johannes Allert

Welcome to the March meeting at TCAH! Thanks goes out to Ken Sallman and the vendors for getting the kits-for-troops donation under way. This month, members will be voting on their choices for Modeler, Historian & Newsletter Article of the Year. See you then!

- Welcome guest & new members / Pass out ballots for voting.
- What's new? Word from our vendors.
- IPMS Update
- Show & Tell
- Expo TBA
- Break
- Business Old & New
- Raffle
- Wrap up

This month's business agenda will be the following:

General Meeting - Business Topic Outline for March

TCAH Model Art Event – Steve Jantscher, Ken Hornby & Steve Capiz

TCAH Celebrates 40 years – Frank Cuden, Johannes Allert & Steve Erickson

Nordic Con - Bob Maderich to update

## From the Secretary-Annual Awards

by Larry Donovan

Other than the meeting minutes and the Show Table your present writer has not been prolific in delivering missives to the newsletter. This one is very important-it is a chance for us as a club to honor some pretty darn good accomplishments by some of our club members.

Remember, this is a hobby club. No one has to write an article for our newsletter. No one has to create a body of work, such that we recognize it as unique and call it "Best of the Year". No one has to do the research for contributing to aviation history or knowledge of it. But these guys have. And we as a club have nominated them to be awarded "Best Of".

It is a cliché to say "they are all winners", but in this case it is really true. They have done something unique; created something new; done something different. Please attend the March Meeting to vote on the following members and their achievements and come to the April meeting to see these achievements recognized!

Without further ado here are the categories and nominees. And as that great inscrutable and wizened political philosopher, Richard J. Daly, once said: "Vote early... and often".

## Modeler of the Year

Bob Maderich Sean Brzozowski Steve Rewey Steve Hustad Frank Cuden Fletcher Warren

### **Newsletter Article of the Year**

Ken Hornby Johannes Allert Merrill Anderson Rick Verner

## Historian of the Year

Ken Hornby John Lambert



# Club Contest in May by John Dunphy

I am sponsoring a club contest at the May meeting for P-51 Mustangs. 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place will be awarded. Judging will be by popular vote. Any scale; must have been built in 2007.



## ON THE TABLE FEBRUARY 2007

Modeler	Kit	Manufacturer	Scale
Steve Hustad	Fokker D.VII (Alb)	Roden Kit with Loon Models detail parts	1/72
Steve Hustad	Fokker D.VII Early	Roden Kit with Loon Models detail parts	1/72
Steve Erickson	F4U-1 Corsair	Tamiya	1/48
John Dunphy	M4A2 Sherman	Tamiya	1/48
Bernie Kugel	Fokker D.VII	Monogram	1/48
Bernie Kugel	Nieuport 11	Smer	1/48
Bernie Kugel	Nieuport 17	Eduard "Flyboys" release	1/48
Bernie Kugel	Nieuport 17	Eduard "Flyboys" release	1/48
Steve Rewey	Fw-190A8	Hasegawa	1/32
Bob Maderich	WC-54 Ambulance	Italeri	1/35
Johannes Allert	Nieuport 17	Eduard	1/72
Johannes Allert	IL-2 Stormovik	Eduard	1/72
Johannes Allert	IL-2 Stormovik	Smer	1/72
Sean Brzozowski	Jagdpanther	Tamiya	1/48
Steve Jantscher	Panther D	DML	1/35
Larry Donovan	Mig-29 Fulcrum	Revell/Eagle Strike Decals	1/72

## **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 I-494, west fo 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 4way 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 4way 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 parking available.



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

Return address requested

The Aero Historian is published montly by the Twin City Aero Historians, Inc., a joint chapter of the American Aviation Historical Society and International Plastic Modelsers 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 Ken Hornby at 651-552-0888

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.