

February 2006

Experimental Aircraft Association Chapter 33

A monthly publication of the Dr. Alexander M. Lippisch Chapter of the Experimental Aircraft Association, Cedar Rapids, Iowa.

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## Cherry Blossoms & Sea Stallions over Okinawa

By Connie White

Below is a picture take by Ron White's son Tim as he approached Camp Kadena Air Base in Okinawa. At the bottom is a picture we took during the Cherry Blossom Festival on our trip to Okinawa.



# Read Back – FAA Instrument Handbooks

By Jim Meade

I was so impressed with the Airplane Flying Handbook, FAA-H-8083-3A that I ordered the Instrument Flying Handbook, FAA-H-8083-15 and Instrument Procedures Handbook, FAA-H-8261-1. I ordered them as the Instrument Combo from Aviation Supplies & Academic, Inc., ASA, <http://www.asa2fly.com/> for \$47.95. They are well worth the money.

The Instrument Flying Handbook (IFH), released in 2001, is “designed for use by instrument flight instructors and pilots preparing for instrument rating tests.” As such, it gives a broad overview of the instrument flying realm, beginning with human factors and aerodynamic factors. It goes on to cover attitude instrument flying, basic flight maneuvers and navigation systems. Finally, IFH addresses the national airspace system (NAS), ATC, IFR flight and emergency operations. For those who struggle with copying clearances, there is an appendix with recommended abbreviations.

The handbook is well designed and laid out for easy reading. Many of the copious illustrations are in color. Although you will have seen much of the material in other sources, it expands on or illustrates some information in a new way. For example, while the AIM discusses several ways to legally fly a course reversal, IFH gives clear diagrams of such maneuvers as the 80/260 procedure turn and patterns applicable to circling approaches.

Chapter 5, Airplane Basic Flight Maneuvers is worth the price of the book itself. It takes you back over each of the basic flight maneuvers, including instrument indications for each of them and common errors. ASA includes two plastic information sheets for you flight bag, covering basic IFR information handy if you don't fly it often enough to memorize basic information that is otherwise spread through many publications.

For those who have their IFR ticket and want a technical reference for conducting IFR operations in the NAS, the right publication is the Instrument Procedures Handbook (IPH), published in 2004, which introduces advanced IFR concepts. It, too, is well laid out and includes multi-color illustrations.

As you might expect, there are lengthy, detailed chapters on IFR operations in NAS, takeoffs and departures, en route operations, arrivals and approaches. It also devotes a chapter to system improvement plans. Appendices cover airborne navigation databases, approach chart format changes, helicopter instrument procedures and one on acronyms and a glossary.

If you are flying IFR with RNAV and aren't fully up-to-speed on how the RNAV system works, IPH is a must. Unlike much older or more basic reference material, RNAV procedures such as GPS are liberally addressed. If you haven't really thought about the layout of the pilot briefing strip on the new NACO charts you will find an explanation and tips on how to best use this feature.

These are easy books to read. The writing is clear and simple. There are many, well designed illustrations. You know they are authoritative because they come from the agency that writes the rules. They are recent so the information is fresh and meaningful.

As you can tell, I think these handbooks are a good buy for the money. They make great gifts, too. When the weather is too bad even for IFR, they are useful and fun to read. Whether you're just learning IFR, trying to stay current or want to polish your skills, these handbooks are the place to start.

# Read Back – Nevil Shute

By Jim Meade

I read aviation novels by Nevil Shute back in the 50's and 60's when I was growing up. I liked them then and I like them now, but they certainly show they are part of a different time and culture when you read them today.

Nevil Shute Norway was born in England in 1899 and worked in the aviation industry for many years after WWI. He also started writing fiction in the early 20's using the pen name Nevil Shute and after many early rejections achieved success in the '30's. After WWII he began publishing regularly. He moved to Australia late in life and died there in 1960.



Among his best known aviation novels are *No Highway*, *Round the Bend*, *Pastoral* and *The Rainbow and The Rose*. His best known novel is *On The Beach*.

The idea for *No Highway*, made into a movie titled *No Highway In The Sky* came after he was in a crash in a Boeing 247 in which the tail came off. The plot involves an engineer who predicted that giant airliners would be destroyed by metal fatigue. This presaged the crash of several DeHavilland Comets, which succumbed, to explosive decompression at altitude.

*Pastoral* is the story of how human emotions can disrupt mission performance. A young British bomber pilot and secretary fall in love, but inability to separate private and professional lives has dire consequences for a while. *Round The Bend* tells how people who set and strive to achieve high personal and professional standards can have a beneficial affect on society.

Shute does not write about villains. His protagonists are in conflict with circumstances. A major and endearing feature of his work is the portrayal of the common man and woman in uncommon circumstances who produce exceptional results. It's the little man made good. There is something warm and reassuring in this story, even if our cynical side is not always fully convinced.



We all know that aviation novels are more about people than planes, and Shute's are no exception. His airplanes are only one step removed from the stringbags of WWI. Shute notes that up until WWII, a person could still afford to design and build an airplane. His novels are mostly about the pilots and planes who are of that era or who were grounded in that time and ethos.

I know this isn't much of a review of a book, it's more a friendly note to an author I like. It's a real throwback and you may not have the same appreciation for the character traits Shute values that I have. Still, if you like airplanes and people who overcome great odds, you might give one of his books a try.

## Last meeting - Traveling the Hudson in a T-Craft

Jim Zanger showed us slides and talked about his trip flying from Iowa, through the upper Midwest, down the eastern seaboard and back home again. He showed us some spectacular photos taken as he flew the VFR corridor down the Hudson river past Manhattan, the former site of the World Trade Center towers, Ellis Island and The Statue of Liberty.

We are all going to miss Jim now that he has taken a new job flying a Cessna Citation III and moving to northwestern Iowa. Good luck, Jim!



## Next Meeting - Eastern Iowa Airport Director

Our Feb meeting will be a little later in the month than usual but we have persuaded, Dan Mann, the Eastern Iowa Airport Director to meet with us. Dan will fill us in on the construction projects and other goings on at the airport and Dan will be available for any questions we might have. This meeting will again be at the CID Administration building, Feb 17th 7:00. All you Young Eagle pilots are also encouraged to attend as we will be discussing the Big Kids Toy Show on May 20.



# Presidential Corner

By Randy Hartman

Well, here I am writing my first article for our Chapter 33 newsletter. All I can say is that you members are a bunch of crazy individuals to elect me as your president despite the fact that I have only been to a handful of meetings over the last few years. As you might know, I really do love anything to do with airplanes. I spend my life in it every day at Alpha Omega Aircrafters, but this is not a venue for advertising. I never grow tired of building airplanes and seeing others build also, so it kind of makes sense that I try to take this position. I am glad for the more experienced members among the officers to help show me the way.

As we launch into this year I hope that many of you will enjoy the meetings that we have planned for 2006. In case you haven't heard already, the new manager of The Eastern Iowa Airport (Dan Mann) has extended an offer to our chapter to have our monthly meetings in TEIA administration building. We had the January meeting there already and it is a fantastic place to meet. February's meeting will be there also as Dan will address our group. Please come and bring your questions for Dan.

I am looking forward to this coming year of meetings and activities with the chapter, flying, building, and getting to know each of you and especially look forward to hearing about your airplane projects or dreams of a project. Hope to see more of you on Feb 17 for the next meeting.

# Fly Market

**Wanted:** Possible partnership in the construction of a RV-10. I am thinking of one or two individuals that would like to own a RV-10 in partnership. Construction and financial details to be worked out. Steve Ciha, 319-533-4543 or [steveciha@earthlink.net](mailto:steveciha@earthlink.net)

**Wanted:** M1 Carbine, prefer Winchester or Rockola manufacture. I need a carbine to fill out my U.S. service rifle collection. David Koelzer 319-310-3641 [david.koelzer@mchsi.com](mailto:david.koelzer@mchsi.com)



## Chapter 33 Calendar

**Feb 17 7:00** Chapter meeting, Dan Mann, Eastern Iowa Airport Director, CID Admin Bldg.

**March 11** Chapter meeting, Tour of Alpha Omega Aircraft's new facility at Eastern Iowa Airport.

**April 4-10** Sun 'n Fun Fly-In, The 32nd Annual Spring Celebration of Flight!

**April 8 11am - 2pm** Annual Chili Fly-in / Drive-in Hosted by: Plane Crazy's Fort Dodge, Iowa Regional Airport

**May 20-21 2006** Eastern Iowa Big Kids Toy Show, Fly-In Breakfast every morning, Young Eagle Flights, Hangar Dance Saturday night, Iowa City, Iowa Municipal Airport

**June 10-11** Fly Iowa 2006 Spencer, IA Municipal Airport



I though you said this plane was an amphibian not a submarine !!!

In The February 2006 Issue...

Cherry Blossoms & Sea Stallions over Okinawa, Read Back - FAA IFR Handbooks



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