

# Northrop Rice Foundation Newsletter



October, 2008

Volume 5, Issue 3

## **MESSAGE FROM THE PRESIDENT**

When is the loss going to stop? What is going on with the Stock Market? As I sat and watched the action or lack of action, by Congress last week (first week of October), and saw the Stock Market tumble, I kept thinking of the impact of the economic situation on the aviation industry.

There is probably no other industry that is more dependent on the economy than the aviation industry. During an economic slow down people cut back on their recreational flying, corporations reduce staff travel and the airlines themselves must reduce staff and route structure to minimize revenue loss. The present economic situation provides us with many difficult challenges to meet.

The most important thing we can do during the present economic situation is to remain calm. Taking action without careful thought is not in order. We have experienced economic situations in the past, and with patience and skillful planning the result has been a satisfactory recovery.

There is no other industry that is as cyclic as our industry. This has been the situation for many years and we have always risen from an economic problem stronger, wiser and with the ability to provide our customers with improved services.

During the recovery period we must not relax our efforts to improve the status of the Aviation Maintenance Technician. While additional per-

sonnel will probably be reduced by the industry, we must continue our efforts to maintain qualified Aviation Maintenance Technicians and support the institutions that provide the required training for new technicians.

Both Boeing and Airbus will soon be introducing new technology airplanes that will require new skills by the present technician and newly trained technician. We must assure that the institutions training new Aviation Maintenance Technicians have the resources and that their instructors have the skills to adequately train these personnel.

The Northrop Rice Foundation has worked very hard to provide assistance to FAR 147 school instructors so they can acquaint themselves with the new technology that is forthcoming. The Foundation has several monetary scholarships

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available so these instructors can attend remote courses at minimum cost. The Foundation has worked with both manufacturers and the airlines for the opportunity to send selected instructors to courses offered by those companies.

The Instructor Training Assistance Program is only one of several programs that the Northrop Rice Foundation has initiated to improve the capability of the technician. We continue to research other areas where we can provide service to the aviation industry.

Please help us to continue our present activities in support of the Industry, and help us to expand our horizons by joining the Northrop Rice Foundation. In addition, any contributions, either monetary or equipment would be welcome.

Together we will meet any challenges that the present economic situation will throw at us, and we will survive as a stronger, more energetic industry. We will be in a better position to provide an even improved service to the traveling public.

Jim Lukins, President

*The Northrop Rice Foundation Newsletter will be published three times a year - February, June and October. If you have any suggestions on articles or information you would like to see in the NRF Newsletter, please contact Alice Rice at 281-334-5932 or email at mar246@juno.com*

**Northrop Rice Foundation**

Telephone: 713-644-6616

Fax: 281-334-0335

Web: [www.northropicefoundation.org](http://www.northropricefoundation.org)

For information about the activities of the Foundation or to obtain details about any of the programs described in this newsletter, visit the Foundation web site at

[www.northropicefoundation.org](http://www.northropicefoundation.org), or email a request for information to Ivan D. Livi, at [ivan.livi@verizon.net](mailto:ivan.livi@verizon.net), or [nrf@alphabravo.com](mailto:nrf@alphabravo.com).

**NRF Board of Directors**

James Lukins—*President*, Retired—Boeing Director of Maintenance Training, Seattle, WA  
Email: [jimmyl@hctc.com](mailto:jimmyl@hctc.com)

Ivan Livi—*Vice President*, Director Emeritus-Pittsburgh Institute of Aeronautics, Pittsburgh, PA  
Email: [ivan.livi@verizon.net](mailto:ivan.livi@verizon.net)

Cathy Landry—*Secretary/Treasurer*, Owner-AlphaBravo LLC, Houston, TX  
Email: [cathyl@alphabravo.com](mailto:cathyl@alphabravo.com)

Michael Lee—*Vice President, Courseware and Maintenance Business Development -FlightSafety International*, Hurst, TX  
Email: [mike.lee@flightsafety.com](mailto:mike.lee@flightsafety.com)

Paul Lillig—Retired-Marketing Executive & Business Owner, Kansas City, MO  
Email: [palfran@sbcglobal.net](mailto:palfran@sbcglobal.net)

Fred Mirgle—Program Manager for Maintenance, Repair, Overhaul Technology Programs, Embry Riddle University, Daytona Beach, FL  
Email: [mirglef@erau.edu](mailto:mirglef@erau.edu)

James Wolfe—Retired, USAF, Associated Aero, Dallas, TX  
Email: [colonelwhoswho@earthlink.net](mailto:colonelwhoswho@earthlink.net)

Rita Daily—Vice-President, Business Support, BCA, The Boeing Company  
Email: [rita.a.daily@boeing.com](mailto:rita.a.daily@boeing.com)

Greg Napert—Publisher, D.O.M. Magazine, Fort Atkinson, Wisconsin  
Email: [gnapert@DOMmagazine.com](mailto:gnapert@DOMmagazine.com)

Tom Hendershot—Executive Director AMTSociety, Lone Tree, CO  
Email: [thendershot@amtsociety.org](mailto:thendershot@amtsociety.org)

To receive notice of scholarships and awards please send school name, contact name, address, phone and email to [nrf@alphabravo.com](mailto:nrf@alphabravo.com)

Members of the Northrop Rice Foundation automatically receive all notices sent to the designated contact person listed on their membership application.

## **CLIFF BALL WING JOINS NRF**

by Ivan D. Livi, OX5 #7760

The Cliff Ball Wing of Western Pennsylvania, OX5 Aviation Pioneers was founded in August, 1955 at Latrobe Airport, in Latrobe, PA. The purpose of the first meeting was to gather W. Pa aviation Pioneers and to honor them for the part that they played in laying the foundation of the Aviation Industry. At that time the OX5 Club of America came into existence and the parent club became the OX5 Aviation Pioneers of W. Pennsylvania. Great interest in the club initiated the forming of chapters in the District of Columbia, Virginia, California, and Florida. The OX5 Aviation Pioneers is a national organization with headquarters in Berthoud, CO. Chapters exist in many of the fifty states.

The Cliff Ball Wing has decided to function as a Scholarship Sponsor for the Northrop Rice Foundation. The Wing will generate funds through fundraising activities then donate the funds to the NRF to be used to supplement the scholarship and award programs administered by NRF that help the young people in or entering the aviation industry. NRF also conducts a scholarship program that assists recently discharged veteran who are preparing to enter the civilian aviation industry.

On May 22 the first fundraising session was held to determine what activities are to be undertaken. The session was conducted by CB Wing member Darlene Kruth who is a fundraiser for the Duquesne University. Support for this activity was also expressed by CB Wing member Darla Mroski, Director of Finance of the Pittsburgh Institute of Aeronautics. After the fundraising activities have begun the CB Wing will contact other chapters to ask that they participate in this project.



## **ENGINES AVAILABLE**

The Northrop Rice Foundation has several engines available to AMT schools.

Two (2) – Elizalde Tigre IV's. Four cylinder inverted inline engines. Used on Spanish Air Force trainers. One has accessories, the other does not.

Two (2) – Continental o-470 engines, from a Cessna 310. Both complete with accessories. Good tear down engines.

The Foundation is offering these engines for a donation of \$500 for each engine plus shipping costs. The donations are used to continue providing scholarships and awards to support the aviation maintenance industry.

## **AIRCRAFT WANTED**

The Cliff Ball Wing-OX5 Aviation Pioneers of W. Pennsylvania, a staunch supporter of the Northrop Rice Foundation, is looking for a pre-World War II OX5 powered airplane for restoration. The CB Wing restored the Miss Pittsburgh, the Waco 9 biplane that carried the first air mail from Pittsburgh to Cleveland, Ohio in April 1927. The Miss Pittsburgh is presently hanging above the entrance to the security area at Pittsburgh International Airport.

Anyone having an OX5 powered airplane and interested in seeing it being restored contact Ivan Livi, [ivan.livi@verizon.net](mailto:ivan.livi@verizon.net). Northrop Rice Foundation members are asked to search their areas for any aircraft of this type. The restoration of the Miss Pittsburgh was done by the instructors and students of the Pittsburgh Institute of Aeronautics.

## **2009 NRF SCHOLARSHIPS AND AWARDS**

The Northrop Rice Foundation continues to introduce new scholarship and award programs that exemplify the Foundations on-going support to the aviation industry. Our scholarship and award program supports students, instructors, veterans and AMT schools. The total value of the NRF Award Program exceeds \$35,000. We are proud of our efforts and look forward to serving you during this school year and beyond.

### **FOR STUDENTS**

- ◆ James Rardon Student of the Year – Award winner receives trip to the annual ATEC conference.
- ◆ Wing Aero Book Scholarship – Set of AMT training books, valued at \$320 per set. 10 sets awarded.
- ◆ S & K Tool Scholarship – Aviation maintenance tools in toolbox, valued at \$1400 per toolbox. 3 toolboxes awarded.
- ◆ NEW – Villnave Scholarship – Financial award to be applied toward tuition, books, tools, tests for students, instructors and honorably discharged veterans preparing for A&P certification. Value – \$1000 per year.

### **FOR INSTRUCTORS**

- ◆ FlightSafety International Scholarship – 2 week King Air training course in Wichita KS. Value \$7200.
- ◆ Southwest Airlines/Boeing Scholarship – 2 week Boeing 300/500/700 series Systems course or 1 week Avionics course in Dallas, TX. Value estimate \$6500.
- ◆ NEW – Lycoming Engine Course Scholarship – 4 day Piston Engine Service school course in Montoursville, PA. Value \$625.
- ◆ NRF Instructor Financial Assistance Program – Financial support to cover travel and per diem expenses for instructors attending 2 or 3 day upgrade training provided by industry. Value range per year \$800–\$1200.
- ◆ Dale Hurst Instructor Support Program – ATEC award to cover travel and per diem expenses for instructors attending upgrade training provided by industry. Visit [www.atec-amt.org](http://www.atec-amt.org) for more information.

### **FOR SCHOOLS**

- ◆ Rotorcraft Enterprises – StartPac power supply used for various maintenance functions and powering up avionics systems. Winner selects one of three models from 25 to 105 amps. Value range \$435 – \$1640.
- ◆ NIDA – Aviation Maintenance Training system including Model 130E Test Console, a Model 1438A Aviation Maintenance Technology Experiment Card Set, and a Client Access License. Value \$7490.

In order to be considered for selection for any of the scholarships or awards, the applicant must meet the requirements listed on the General Information Sheet and Application for the specific award. These documents can be downloaded from the Foundation web site, [www.northropricefoundation.org](http://www.northropricefoundation.org).

Information can also be obtained on the ATEC web site, [www.atec-amt.org](http://www.atec-amt.org), or by e-mail from Ivan D. Livi at [ivan.livi@verizon.net](mailto:ivan.livi@verizon.net), or Cathy Landry at [nrf@alphabravo.com](mailto:nrf@alphabravo.com).



Northrop Rice Foundation  
Membership Application

<input type="checkbox"/>	Initial membership
<input type="checkbox"/>	Renewal

Name – First: \_\_\_\_\_ Last: \_\_\_\_\_

Company/School (if applicable): \_\_\_\_\_

Title (if applicable): \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

\_\_\_\_\_ Home address                      \_\_\_\_\_ Business address

Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_

Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Your aviation affiliation: \_\_\_\_\_

Are you an alumni of Rice Aviation or Northrop? \_\_\_\_\_

Campus: \_\_\_\_\_ Year: \_\_\_\_\_

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

CHECK ONE	TYPE	MEMBERSHIP VALUE	GIFT	FEE
	<b>SCHOOL</b> Aviation Maintenance Training Schools	-Opportunity to obtain equipment, manuals, materials from industry at no or reduced cost -Opportunity to participate in scholarships and awards -Assistance in tracking alumni -Help in continuing to support industry with trained technicians -Tax-deductible contribution	Framed Flying Wing Picture	\$100
	<b>CORPORATE</b> Aviation Industry	-Help support schools through the donation of equipment, manuals, materials -Tax-deductible contribution -Assist in enhancing the training of the technician work-	Framed Flying Wing Picture	\$300
	<b>INDIVIDUAL</b> A&P Technicians	-Opportunity to support maintenance training and the AMT career field -Provide a communication arena with industry technicians and schools	T-Shirt	\$25
	<b>ASSOCIATE</b> Other individuals Non A&P	-Opportunity to support the aviation maintenance career field -Opportunity to support continuing education for instructors and scholarships for new students	T-Shirt	\$25

**Northrop Rice Foundation**  
957 Nasa Parkway #315  
Houston, Texas 77058

**Address Service Requested**

# NORTHROP RICE FOUNDATION NEWSLETTER

## October, 2008—VOLUME 5, ISSUE 3

### **PARTICIPATE IN THE NRF SCHOLARSHIP PROGRAM**

*Northrop Rice Foundation is dedicated to promoting education, professionalism  
and safety within the aviation career field.*

This year we are introducing more scholarship opportunities for the aviation training industry. Our scholarships and awards support students, instructors, schools and veterans. Please see our current award program described on page 4. We anticipate adding more awards as we identify and work with companies who are willing and able to provide support to the maintenance training industry.

Each fall we start a marketing campaign to the schools to provide information about the scholarship program. Based on our current list of FAA certificated Part 147 schools and ATEC members, we send out a packet to each school containing flyers that address each award. These flyers can be posted in the pertinent areas for students or instructors to learn more about the opportunities we provide.

We also start sending out email reminders of each of the awards. The email campaign is sent to a specific contact person at each school who in turn will prompt students, instructors and school management to consider applying for the NRF scholarships.

**Make sure your school is on our list!** All of the information we need to send emails and flyers can be submitted on the membership application when you join or renew with the Northrop Rice Foundation. Your membership in this organization shows your continued support of the aviation industry and allows us to continue helping those of you invested in training the maintenance technicians of the future.