



EAA CHAPTER 515
Fort Collins/Loveland
Colorado

NEWS

Volume 29 • Issue 3 • March 2003

<http://www.EAA515.org>

In This Issue

- Firewall Forward 1
- February Minutes 2
- City Recognition 3
- Dues Due 4

515 Officers

President

Milo Smith
milos@1vision.com

Vice President

vacant

Secretary

Larry Larkin
larkinent@msn.com
669-5090

Treasurer

Ron O'Dea
r2av8r@earthlink.net
667-9558

Young Eagles Coordinator

Britt Crowell
britt@fortcollins.com
484-4995

Newsletter Editor

Ron Grob
rong@rongrob.com
PO Box 1417, Lvld 80539
office 667-5320
home 667-3161
fax 667-5322

Publication

Larry Drake
ldrake@rpa-info.com
613-0097



Peter Broom Entertains Chapter 515



By Ron Grob

Our February speaker, Peter Broom, loves aviation and has certainly found his true calling. However, he could probably have succeeded as a stand-up comedian. He informed us about his background as well as his activities on and near FNL, and entertained us at the same time with numerous one-liners. Peter, who seems to have boundless energy and creative ideas, owns and operates Firewall Forward and Eagle Air Services, and has

other irons in the fire as well.

A native of England, Peter joined the Navy at 16 and later attended the Naval Academy for 4 years. He took flight training and eventually flew F-4 Phantoms ("which proves that with enough thrust, a brick will fly."). He did not want to fly the Harrier ("widow-maker"), so he flew helicopters, but crashed ("a good landing is when the aircraft can be

(continued on page 3)

EAA Chapter 515 Presents

Protect Your Medical

- When:** Tuesday, March 4, 2003 • 7:30 PM
Where: Hair Dynamics, 6464 S. College, Ft. Collins, CO 80525
Program: Dr. Michael Paddock - Asthma, diabetes, high blood pressure and many other common medical problems can have a devastating effect on your flying future. Learn how to make the best of your situation.

February Meeting Minutes (2/4/03)

Submitted by Larry Larkin

At 7:30 PM, the president, Milo Smith, called the meeting to order. Milo opened the meeting by introducing our guest speaker, Peter Broom, then thanking Dale Matuska of Hair Dynamics for letting us use his place of business for the meeting. Milo then asked for a moment of silence for the astronauts who perished in the Columbia disaster.

The first topic of discussion was about the Young Eagles Program. Milo and Britt Crowell met with the local boy scouts the previous Wednesday to discuss the Young Eagles Program. They decided to have a Young Eagles rally on June 14, 2003, so mark your calendars. Britt also stated that he is putting a sign-up sheet for the rally on the Chapter website, <http://www.EAA515.org> Milo and Britt passed around a sign-up sheet for pilots and ground crew for the rally. Attendees were encouraged to share any projects they are currently building for a static display. Milo also met with the new FNL Airport Manager, Dave Gordon, about increasing the Chapter's value to the community. Even though there is not enough time this year, Milo discussed the possibility of our Chapter being a participant in a larger "Youth Event" along with other organi-

zations in the Loveland/Ft. Collins area. It would give the public a positive view of the airport and of the aviation community.

Milo explained that since no one seems willing to become vice president, he would be willing to accept volunteers to help out with finding guest speakers for our monthly meetings. Milo then discussed some of the upcoming events for the year. The March guest speaker will be Dr. Paddock, who is a local AME, speaking about your health and the FAA. The April speaker will be Rob Wolf, speaking about Javelin, the future of homeland defense. May 3, there will be a trip to the Denver Air Route Traffic Control Center in Longmont. June 14 will be the Young Eagles Rally. See an article in this newsletter for additional planned Chapter 515 activities.

The Treasurer, Ron O'Dea, stated that the annual dues are due.

Milo then asked the guests to introduce themselves. The club welcomed Kent Norwood, who plans to build an RV-7A. The club also welcomed two new members, David Jacobs and Dennis Mitchell.

After the break, Peter Broom was introduced as the speaker. Peter explained his background and talked about Firewall Forward and Eagle Air Services.

The Meeting was dismissed around 9:00 p.m.

2003 Chapter 515 Activities

March 4th - Dr. Paddock
(Your health and the FAA)

April 1st - Rob Wolf (Javelin, the future of homeland defense)

May 3rd - Annual Fly-out
(Denver Air Route Traffic Control Center, in Longmont)

May 6th - Meeting program
TBA

June 3rd - Meeting program
TBA

June 14th - National YE Day
(YE rally at FNL)

July 1st - Meeting program
TBA

August 5th - No meeting due
to Oshkosh

September 2nd - Oshkosh
Review (bring your pictures
and your stories)

September 6th - Bald Eagles
Rally and Fall Picnic

October 7th - Program TBA

November 4th - Program TBA

December 2nd - No meeting
due to Banquet

December 5th - Winter Banquet
(details soon)

Peter Broom - *Cont'd from page 1*
used again.”). He decided to attempt selling forklifts, but failed. In 1992, he got into wireless communications, and apparently made (and was smart enough to keep) a lot of money. By 1994, he was flying a Piper Aztec, and later, a Hawker 400.

Exactly at the start of this century, on January 1, 2000, Peter purchased Firewall Forward. After putting in about \$5,500,000, the firm has grown from 12 to 62 people today (“The way to make a small fortune in aviation is to start off with a large fortune.”). There now are 6 other Firewall Forward locations in the United States, 3 of which Peter owns.

Peter decided that the only way to grow is through R & D, so his firm developed a better way to lubricate lifters. The FAA made him prove that his idea works by test running an engine at 125% of full power, or 45" MP and 3500 RPM for 200 hours, followed by 100 hours at normal cruise. When the engine was torn down, there was virtually no lifter wear evident. Absent sufficient interest on the part of Teledyne Continental or Lycoming, Peter is considering building an engine plant in Windsor, Colorado, which would employ about 150 people.

Peter has bought an interest in a firm that makes a fuel catalyst that would make it possible to eliminate lead from aircraft fuels. It somehow lines up the hydrocarbons so that they

burn 20% cooler. He is also working on a small, light, two-stroke Diesel engine that would operate at 16,000 RPM. At the present time, Eagle Air Services does not rebuild jet engines at FNL and just “puts them in a box to send to Garrett,” but the plan is to overhaul jet engines there in the future.

Peter collects warbirds and plans to build a 100,000 square foot hangar at FNL soon to house them.

Although Peter hopes to excel with his numerous ventures, he emphasized that his love of aviation exceeds his desire to make money. He wants to see FNL develop in a way that will benefit all phases of aviation, and hopes that it will not go the way of Centennial. His ventures alone will account for greatly increased air traffic at FNL, and Peter predicts that FNL will have a control tower soon, probably in 3 or 4 years.

Been to our chapter's web site yet? If not, check it out.

<http://www.EAA515.org>

Compliments of Britt Crowell

City of Loveland Newsletter Features FNL

Lovelanders probably noticed that the latest issue of “City Briefs” put out by the City of Loveland had a couple of articles about FNL. One was entitled, “Airport important to entire region” and the other was about Dave Gordon, the new airport manager. There was also a little quiz, “Know our airport?” (No, Piper Cubs and Cessnas are not the only planes that use FNL).

Chapter 515



TOOLCHEST

*Here is a list of tools and equipment either owned by the chapter or available for use by members.
CONTACT: Walt Ellwood, 635-3436,
wellwood1@compuserve.com*

Engine hoist
Flat bed trailer
Instrument panel hole cutter
Nico press, with gauges
(bolt cutter style)
Scales
Stoves
Torque wrench

Tools that members may loan out
Lycoming Engine Overhaul Stand
(Mel Callen, 587-4824)--may work
with a Continental
Cable Fitting Swaging Tool
(Hugh McTeague, 586-5910)

EAA Chapter 515 Newsletter

*c/o Larry Drake (publisher)
4800 Patmore Ash Dr.
Loveland, CO 80538*

March 2003

EAA Chapter 515 Newsletter

Page 4

Put it in the Newsletter!

stories • announcements • ads

Send text and/or pictures to:

Ron Grob (editor)

rong@rongrob.com

office 667-5320, fax 667-5322

PO Box 1417, Lvld 80539-1417

CHAPTER DUES ARE DUE

amount: \$18/year

due: January 1, 2003

pay to: EAA Chapter 515

*bring your dues to the Chapter
meeting or send them to:*

EAA Chapter 515 Treasurer

Ron O'Dea

3166 6th Place SW

Loveland, CO 80537

Receive Your Newsletter Sooner

**(and save Chapter 515 some
money)**

If you have email, please consider having your monthly newsletter emailed to you. This saves considerable labor and postage and makes more money available from dues to pay for chapter activities. If you are willing to help us all by doing so, please send your email address to the Treasurer, Ron O-Dea.

His email: r2av8r@earthlink.net
or call 667-9558.

WELCOME NEW MEMBERS

**Tom Barlow
David Jacobs
Dennis Mitchell**