

# FLIGHTLINE NEWS



## DA-42 FTD in Operation



## 8KCAB Super Decathlon — One Word: Wow!

Not only is the training at PEA excellent, but it's also innovative in ways that make the student a better, more skilled pilot throughout his or her career. One more example of such resourceful training relates to the new 8KCAB aircraft PEA recently purchased. This two-seat fixed, conventional gear airplane is capable of sustaining aerobatic stresses of +6/-5g. An aerobatic aircraft for flight training? Yes, because PEA wants its graduates to be not only capable pilots, but also skilled at handling emergencies. Of course, upset recovery situations are practiced regularly in simulators, but nothing provides this training like actual practice in an aircraft — and safely learning how to recover. The 8KCAB is a perfect aircraft for such training.

What makes this aircraft different? It has strut-braced wings which, like the fuselage and tail surfaces, are fabric covered, utilizing aluminum ribs. It employs a semi-symmetric airfoil to

give it better inverted flight and negative-g maneuver capabilities. The 8KCAB has a fuel injection system, as opposed to a carburetor, also to facilitate negative-g flight. And again for safety during upset recovery, the fuel system incorporates a 1.5 gallon header tank beneath the instrument panel, and the engine is fitted with an inverted oil system. It has a Lycoming 180 horsepower engine and a constant speed propeller — simpler during aerobatics and virtually eliminating any chance of over-speeding the engine. Ask your instructor about upset recovery training, but you may want to skip lunch before your first flight.



To get ready for the November delivery of five new Diamond Twin Star DA-42 multi-engine aircraft, PEA has already installed a new Frasca 242 FTD. This new flight simulator features the G-1000 integrated avionics package for realistic training and reliable simulation.

The 242 FTD has an aircraft cockpit and 180° visual display system for real-time environment scenes, weather effects etc., including winds, thunderstorms, snow, ice, night and reduced visibility settings. The handling and performance characteristics are similar to that of an actual Diamond DA-42 aircraft, making it ideal for PEA's twin-engine flight training. The flight, engine and systems controls are modeled specifically on DA-42 parts. The FTD uses a navigational database, with real world training scenarios. A Graphical Instructor Station (GISt) is also an integrated part of the new equipment

The Frasca 242 joins four other FTDs located in the PEA flight simulation lab.



# Congratulations to Students!

The following students have recently achieved these ratings:

### Private SE

Jamal Williams  
Sebastian Palm  
Ruman Memon  
Kerwin McKinnon  
Adam Wilkinson  
Abdulla Naseer  
Claudio Reyes  
Fotios Mouchtis  
Israel Safo  
Man Karki  
Dario Moss  
Robert Wiseman  
Kwado Safo  
Jai Shah  
Jon Eric Westerlund  
Tom Storebo  
Carl Davis  
Oscar Chacon Orellana  
Yoav Freud  
Rashad el-Hassanieh  
Gregorio Delgado  
Francisco Fortes  
Francesco Ausenda  
Mayan Bechar  
Jani Kokkinen  
Beatriz Segoviano  
Christopher Hatchard  
Wagner Fernandes  
Rasheed Adeleke  
Odofin  
Thomas Rod  
Kim Storhaug  
Warahena DeAlwis  
Christoffer Rundcrantz  
Kjetil Mathisen  
Joeran Nordhammer  
Sondre Eftedal  
Dharmil Rao  
Maciej Koperwas  
Henrik Schjolberg  
Valdero Heastie  
William Everett  
Hagen Fernandes  
Maqsa Maqsa  
Maurice Moxey  
Oran Munroe  
Pravanesh Naik  
Vikram Godbole  
Eric Spenser  
Lars Kolmos  
Timothy Pulford  
Annette Simon  
Jesse Larkin  
Samuel Sabara  
Walter Hammond  
Ray Edmonds  
Carol Gay  
Guadalupe Juarez

### Private ME

Brian Kummer  
Manisha Adwani  
Tommy Larsson  
Andrew Williams  
Anna Kjos  
Enos Hamlette  
Erik Odegard  
Muhammad Malik  
Kaj Sandin  
Didrik Dahl  
Kenneth Solvang  
Tom Storebo  
Jamaine Smith  
Mats Moberg

Gearoid O'Ceabhuill  
Odd Henning Halvorsen  
Pau Vigil  
Dan O'Hara  
Christer Hansson  
Tredriel Warde  
Callum Dickson  
Kristian Nilsson  
Mohsin Mir  
Alina Andersen  
Haheer El-Khairi  
Chiaki Hara  
Peter Grimm  
Gaute Gautestad  
Gilroy Albury  
Felton Beneby  
Perihaakon Klingsheim  
James D'Aganis  
Stein-Roar Jacobsen  
Sohail Ahmed  
Ronald Rajendra  
Maria Kvenshagen  
Ansh Handa  
Darren Weste  
Aron Barber  
Martin Klukan  
John Egenaes  
Tommy Remoy  
Dani Abbas Issa  
Vasco Selver  
Sam Gabucan  
Harald Brattbakk  
Joshua Roy  
Ruman Memon  
Caio Petrere  
Francesco Ausenda  
Chris Rundcrantz  
Jon Westerlund  
Muhammad Malik  
Oscar Chacon  
Akhmadkhon Tadjiev  
Freddy Ponce  
Evert Ingjaldsson  
Oscar Chacon  
Brad Barnett  
Neeraj Jacob  
Kahil Bacchus  
Christopher Hall  
Akhmadkhon Tadjiev

### Instrument

Man Karki  
Christer Hansson  
Maria Kvenshagen  
Timothy Glauber  
Maher El-Khairi  
Caio Petrere  
Vasco Selver  
Magnus Granholdt  
Per-Hakon Klingsheim  
Gilroy Albury  
Felton Beneby  
Kristian Nilsson  
Roger Majdalani  
Muhammad Malik  
Emmanouil Mavroeidis  
Chris Charalambous  
Pedro Velloso  
Adam Nadel  
Ruman Memon  
Sam Gabucan  
Daren Weste  
Nickeeth Lopez  
Gaute Gautestad  
Dario Poitier

Kendall Dorsett  
Tommy Remoy  
Oeystein Hommo  
Aron Barber  
Oliver Racz  
Pedro Delacruz  
Ansh Handa  
Ganesh Krishnamurphy  
Kenneth Solvang  
Stein-Roar Jacobsen  
Sohail Ahmed  
Joshua Roy  
Erik Odegard  
Leonardo Boeri  
Harald Brattbakk  
Akhmadkhon Tadjiev  
Kahil Bacchus  
Brandon Longworth  
Neeraj Jacob  
Dani Issa  
John Egenaes  
Alexandros Stefanou  
Kwadwo Safo  
Tom Storebo  
Evert Ingjaldsson  
Csaba Selley  
Didrik Dahl  
Kaj Fredrik Sandin  
Christopher Hall  
Brad Barnett  
Yeatin Giri  
Oscar Chacon  
Goldray Ewing  
Martin Klukan  
David Galarrage  
Curt Martenstyn  
Jon Westerlund  
Francesco Ausenda  
Norkino Munroe  
Eduardo De Castro  
Jai Shah  
Maciej Koperwas  
Christopher Rundcrantz  
Sief Marzouk  
Tharindu DeAlwis  
Valmir Jupa  
Claudio Reyes  
Michal Mika  
Robert Wiseman  
Kim Storhaug  
Thomas Rod  
Mayan Bechar  
Dharmil Rao  
Jani Kokkinen  
Scott Garner  
Carl Davis  
Christopher Hatchard  
Chasoon Park

### Com SE

Leonard Carter  
Kjetil Aspen  
Chandra Jayatilleke  
Nathaniel Birt  
Omid Taheri  
Marc Deck  
Joseph Langlois  
Tennyson Trajano  
Kritian Mee  
Andreas Gimmedast  
Robert Bengtsberg  
Sami Lachheb  
Kenton Allredge  
Magne Solberg  
Benedicte Reppen  
Sebastiano Zaggia  
Keith Ward  
Tor Evensen  
Frederico Botticchio  
Timothy Freeman  
Andre Da Rocha  
Jorn Hansen  
Kevin Woods

Benjamin Knox  
Lee-Park, Cunningham  
Simon Hubbard  
Tim Hubbard  
Trine Granberg  
Ganesh Krishnamurthy  
Brandon Longworth  
Adam Elliot  
Man Karki  
Alexandros Stefanou  
Oliver Racz  
Emmanouil Mavroeidis  
Are Andreassen

### Com ME

Sami Lachheb  
Jan Munkvold  
Adam Elliot  
Mads Hagerup  
Gaute Skallerud  
Kenton Allredge  
Are Andreassen  
Frederico Botticchio  
Eric Traugh  
Simon Hubbard  
Tor Evenson  
Trine Granberg  
Hugh Francis  
Timothy Freemon  
Kevin Woods  
Benjamin Knox  
Andreas Iversen  
Man Lui  
Tomas Barraza  
Tommy Larsson  
Andrew Williams  
Anna Kjos  
Mathew Guillot  
Mats Moberg  
Kristian Nilsson  
Martin Hansson  
Gearoid O'Ceabhuill  
Pau Vigil  
Manisha Adwani  
Alina Andersen  
Tredriel Warde  
Dan O'Hara  
Mohsin Mir  
Sebastian Muradas  
Ramy Abuznadah  
Aws Abuznadah  
Fernando Paz  
Erik Odegard  
Chiaki Hara  
Diego Perez Cook  
Fredrik Sandin  
Tom Storebo  
Stein-Roar Jacobsen  
Didrik Dahl  
Oscar Chacon  
Daren Weste  
Enos Hamlette  
Mohammed Malk

### CFI

Alexander Harrystad  
Harrystad  
Richard Meese  
Tadeu Pessotti  
Robert Bengtsberg  
Magne Solberg  
Joseph Longlois  
Benedicte Reppen  
Keith Ward  
Sebastiano Zaggia  
Andre Da Rocha  
Martin Birkigt  
Jorn Hansen  
Helder Galvao  
Federico Botticchio  
Trine Granberg

### CFII

Omid Taheri  
Magne Solberg  
Keith Ward  
Adoniram Weimer  
Tor Evensen  
Joe Longlois

### MEI

Djuri Van't Spijker

Ignacio Beltran  
Dimitri Morel  
Karen Devold  
Simon Jones  
Are Andreassen

### ATP

Stuart Beatty  
Kenneth Williams

## Where Are They Now?

We are sometimes asked where former Phoenix East students are now working. For a long list of the airlines for which some of our recent graduates are flying, see the "What's New" section of the web site [www.pea.com](http://www.pea.com).



For a more personal look at another PEA graduate, meet Maqbul Sangey. He trained at PEA in 2000, then went home and began flying a turboprop aircraft for a local

company. Home for Maqbul is Dar es Saalam, Tanzania. Maqbul returned to PEA briefly in 2005 to complete an ATP course. He now has a new job; Maqbul is currently a First Officer for Air Tanzania, flying Boeing 737-200 aircraft. As a pilot for Air Tanzania, F/O Sangey flies to Johannesburg, South Africa; Entebbe, Uganda; Dar es Salaam, Kilimanjaro, Mtwara, Mwanza and Zanzibar, Tanzania; and Comora in the Mozambique channel. Air Tanzania is the national flag carrier of the United Republic of Tanzania.

## WING TIPS

**Q: When is a pilot likely to experience adverse yaw?**

- (a)** opening up to full power at the start of a take-off run
- (b)** raising the nose with the throttle closed in order to enter a stall
- (c)** climbing steeply straight ahead at full throttle
- (d)** performing a Rate 1 turn to either left or right

**A: (d)** Adverse yaw occurs while an airplane is banked into a turn. Because the angle-of-attack is greater on one wing than the other, the first creates more lift and drag while the other experiences less lift and drag. The increased drag on one wing tends to pull the nose towards it, which is opposite to the desired direction of turn. The counteract this adverse yaw, the rudder must be used to coordinate the turn.

