



# FLIGHTLINES

## Newsletter of the Texins Flying Club

**March 2006**

### **CLUB CALENDAR OF EVENTS**

**8 March (Wednesday):** TFC Board Meeting, 6:30 PM, TKI Conference Room. All members welcome.

**11 March (Saturday):** General Membership Meeting, Donuts 8:30 AM, Meeting 9:30 AM, TKI Conference Room. **Program:** Calvin Coffey – Transitioning to Complex Aircraft.

**14 March (Tuesday):** Registration for TFC Spring Private Pilot Ground School, 6:30PM, TKI Conference Room (upstairs).

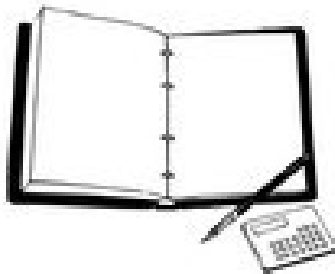
**16 March (Thursday):** Classes Start! TFC Spring Private Pilot Ground School, 6:30PM, TKI Conference Room (upstairs).

**5 April (Wednesday):** TFC Board Meeting, 6:30 PM, TKI Conference Room. All members welcome.

**8 April (Saturday):** General Membership Meeting, Donuts 8:30 AM, Meeting 9:30 AM, TKI Conference Room. **Program:** Alvin DeVane: Addison Airport Tower Chief. **Texins Flying Club Spring Picnic!**

### **Spring Private Pilot Ground School Starting!**

Soon TFC's semi-annual Private Pilot Ground School will be starting up! Registration and classes will be held in a conference room at the Collin County Regional (formerly McKinney Municipal) Airport on Tuesday and Thursday evenings. Registration is at 6:30PM Tuesday, March 14<sup>th</sup> and classes start on Thursday, March 16<sup>th</sup> and run through Thursday, May 18<sup>th</sup>. A flyer with all of the details can be found at:



[http://www.texins.org/flyingclub/PVTPFLYER\\_S06.pdf](http://www.texins.org/flyingclub/PVTPFLYER_S06.pdf)

We need your help in getting the word out to anyone interested in taking this class. If you know of someone that has shown an interest in your flying stories, drop a copy by their desk! If you have a friend that has always wanted to learn to fly, get a copy to them!

For those members that are not TI or Raytheon employees, please consider providing a copy of the flyer to your company's communications department or post a copy on your lunch room bulletin board. Post a copy on the outside of your office door or wall. There is also a table-tent available for printing and distributing to tables in your break area and cafeteria.

[http://www.texins.org/flyingclub/PVTP TENT\\_S06.pdf](http://www.texins.org/flyingclub/PVTP TENT_S06.pdf)

New members are every organization's lifeblood, and our primary source of new members is our semi-annual ground school class. Please help the club out by spreading the word! Thanks!

### **TFC March Program: Calvin Coffey – Transitioning to Complex Aircraft**

At this month's member meeting (0930, Saturday, 3/11), Calvin Coffey will discuss what is involved in making the transition to a complex aircraft! The club's Arrow is a complex aircraft, defined by flaps, retractable gear, and variable pitch propeller. Since there are more systems to operate, there are more procedures to become proficient at. Calvin will also discuss the FAA and club requirements for obtaining the complex aircraft endorsement. Come learn how to fly the club's fastest aircraft!

### **Runway Safety Tutorial**

**Submitted by Hank Eilts**

If you want to do something that's interesting and fun aviation-wise, take this tutorial:

<http://flash.aopa.org/asf/runwaySafety/>

In the tutorial is a quiz on airport markings. Keep taking the quiz until you only miss one. It's hard to do, but if you are a pilot, you need to know these signs and markings cold. They also show you animations of some runway incursions while you hear the actual ATC tapes and follow along as the scenario develops. These will make your blood run cold.

## Aviation Legends Coming to Fort Worth

Submitted by Hal Ticknor III

On March 7 legendary pilots General Chuck Yeager and R.A. "Bob" Hoover will be sharing stories and exploits in the Flagship Auditorium of the American Airlines Training & Conference Center, 4501 Highway 360 in Fort Worth. This is across the street from the AA CR Smith Museum. It begins at 7:00 PM that evening. This is a ticketed event and seating is limited. Tickets are \$20 for AA museum members and \$25 for non-members. This should be an outstanding evening and proceeds benefit the AA CR Smith Museum. Check the museum website at [www.crsmithmuseum.org](http://www.crsmithmuseum.org) for more details or call the museum at 817-967-5534. You can buy tickets via the website, phone or at the museum gift shop.

## Aviation (non-)Trivia

Submitted by Hank Elits

I became interested in the exact boundaries of the DFW class B airspace. In chasing that down, I've learned a bit. So, I put together some trivia questions about it.

**Question:** Those class B boundaries look like arcs of a circle. Can I use DME off the Maverick (TTT) VORTAC to tell where the boundary is?

**Answer:** No. Those arcs are DME arcs off the old DFW VORTAC. The FAA moved the VORTAC about 3/4 mile and renamed it Maverick. In doing so, they left the Class B arcs geometrically centered on the former location of the DFW VORTAC.

**Question:** The boundary immediately south of Addison is not smooth like the arc of a circle. Where is the boundary and why is it bumpy?

**Answer:** That boundary is actually LBJ freeway, I-635. The FAA thought it would be a good idea to have a solid visual reference for where the Class B airspace goes to the surface in that area.

**Question:** But the Class B airspace doesn't go to the surface in that area?

**Answer:** That's right, but it formerly did. When initially defined, Class B went to the surface there. They soon found out that Addison had trouble keeping some VFR departures out of Class B, so the FAA put a small area of Class B starting at 2000 ft south of LBJ.

**Question:** So where can I find the definitions of the Class B boundaries?

**Answer:** They, like all FAA rule based items are initially published in the Federal Register. DFW Class B was last amended when they moved the DFW VORTAC. That amendment is found in 62 FR 43069. That is volume 62 of the Federal Register, page 43069. The

boundaries are also reprinted in FAA order 7400.9. But beware. The definitions of the airspace are not something that is easily used in an airplane. Use a map instead. For example, here is the current definition of where the DFW Class B airspace goes to the surface. The "point of origin" is the position defined by the lat, long coordinates of the former DFW Vortac. As you can see, it's not something on which to base your flight navigation.

*\*/Area A\*/. //That airspace extending upward from the surface to and including 11,000 feet MSL beginning at the intersection of the 10nm arc from the Point of Origin and Josey Lane, thence southbound on Josey Lane to Forest Lane, thence eastbound on Forest Lane until I-635 (that also coincides with the 15nm arc from the Point of Origin), extending clockwise on the 15nm arc from the Point of Origin until the 129deg bearing from the Point of Origin, thence northwest on the 129deg bearing from the Point of Origin until I-30, extending west on I-30 until the 7nm arc from the Point of Origin (located south-southwest of the Primary Airport), thence clockwise on the 7nm arc from the Point of Origin until the 310deg bearing from the Point of Origin, extending northwest on the 310deg bearing from the Point of Origin until the 10nm arc from the Point of Origin, and extending clockwise on the 10nm arc from the Point of Origin to the point of beginning./*

Enjoy . . .

## Where's Waldo (Art)???

Submitted by Phil Rains



In a special 1971 issue on outdoor recreation, Life magazine featured Texins Association. "These People are all employees of Texas Instruments, which sponsors one of the most diversified industry-involved recreational programs in the country," the magazine said.

# 2006 Aviation Events

## Calendar

**March 11-12, Air Fiesta 2005**, Wings Over the Valley Fiesta, Brownsville International Airport, Brownsville, TX, 956-541-8585, [rvgwingcaf.com](http://rvgwingcaf.com)

**April 8-15, Mara Gliders Thermal and Wave Soaring Camp**, Marfa, TX, 800-667-9464, [www.flygliders.com](http://www.flygliders.com)  
[texasgliders@aol.com](mailto:texasgliders@aol.com)

**April 13, NBAA Business Aviation Regional Forum**, Dallas, TX, 202-783-9357, [web.nbaa.org/public/cs/scole@nbaa.org](http://web.nbaa.org/public/cs/scole@nbaa.org)

**April 17-19, NBAA Maintenance Management Conference**, Dallas, TX, 202-783-9357, [web.nbaa.org/public/cs/swirtz@nbaa.org](http://web.nbaa.org/public/cs/swirtz@nbaa.org)

**April 29-30, Spirit of Flight, Lone Star Flight Museum Airshow**, Scholes International Airport, Galveston, TX, 409-740-7722, [www.lonestarflight.org](http://www.lonestarflight.org)  
[flight@lonestarflight.org](mailto:flight@lonestarflight.org)

**May 6, 22<sup>nd</sup> Annual Fly-In Breakfast**, Plainview, TX, 8AM-10AM, 806-787-5923, [www.ch19.org](http://www.ch19.org)

**May 11-14, Southwest Regional EAA Fly-In**, Hondo Municipal Airport (HDO), Hondo, TX. Forums, lectures, displays, air show. 830-889-8802, [www.eaatexasflyin.org](http://www.eaatexasflyin.org)  
[info@swrfi.org](mailto:info@swrfi.org)

**May 20, Majors Field Appreciation Day**, Greenville, TX, 903-454-1926, [cebrown4273@yahoo.com](mailto:cebrown4273@yahoo.com)

**May 22-25, Regional Airline Association Annual Convention**, Wyndham Anatole Hotel, Dallas, TX, 202-367-1170, [raa.org](http://raa.org)

**June 1-3, Biplane Expo**, Frank Phillips Field, Bartlesville, OK, 918-622-8400, [biplaneexpo.com](http://biplaneexpo.com)

**June 3, Midway Regional Airport Annual Pancake Breakfast Fly-In**, Midlothian, TX, 972-923-0080, [www.midwayregional.com](http://www.midwayregional.com) [mpeinado@dot.state.tx.us](mailto:mpeinado@dot.state.tx.us)

**June 19-29, World Class Sailplane National Contest**, Marfa, TX, 800-667-9464, [www.flygliders.com](http://www.flygliders.com)  
[texasgliders@aol.com](mailto:texasgliders@aol.com)

**June 22-25, Ercoupe Owners Club National Convention**, Terrell, TX, [trlaviation@aol.com](mailto:trlaviation@aol.com)

**July 7-8, 8<sup>th</sup> Annual Okie Dust Devil – aerobatic competition**, Weatherford, OK, Weatherford-Stafford Airport, 580-774-1971, [creswell@classicnet.net](mailto:creswell@classicnet.net)

**September 22-23 50<sup>th</sup> Annual Tulsa Fly-In**, Frank Phillips Field, Bartlesville, OK, 918-622-8400, [tulsaflyin.com](http://tulsaflyin.com)

**October 7-8, Commemorative Air Force Annual Airshow/Tradeshaw**, Midland Intl Airport, Midland, TX, 432-563-1000 x2263, [www.cafhq.org](http://www.cafhq.org)  
[marketingmgr@cafhq.org](mailto:marketingmgr@cafhq.org)

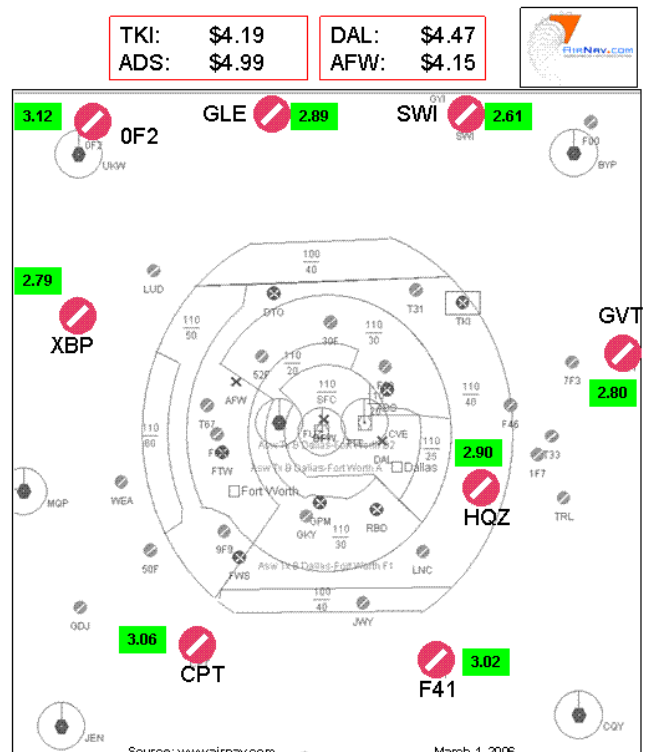
**November 11, 8<sup>th</sup> Annual Texas Aviation Hall of Fame Induction Ceremony**, Galveston, TX, 409-740-7722, [www.lonestarflight.org](http://www.lonestarflight.org) [flight@lonestarflight.org](mailto:flight@lonestarflight.org)

**November 12, 16<sup>th</sup> Annual Fly Day at the Lone Star Flight Museum**, Galveston, TX, 409-740-7722, [www.lonestarflight.org](http://www.lonestarflight.org) [flight@lonestarflight.org](mailto:flight@lonestarflight.org)

## Low Cost Refueling Options Around DFW

### Low Cost Refueling Locations around DFW

Always check hours of operation and notams before planning a fuel stop  
Prices are changing rapidly so your actual price may be different



## Highlights from February Board Meeting -- 02/08/06

Meeting called to order at 1838 by President Phil Rains.

Attending were: Fred Carvajal, Kenny Collins, Don Essenpreis, Keith Gutierrez, Art Jones, Bill Moore, Bob Moran, Phil Rains, Dick Stephens, Bret Stewart, Charlie Weinberger.

Flight Instruction – 08J heading out for maintenance and will be off-line for one week. Had three introductory rides. Discussion on conflicting traffic incident. Discussion on the F-15's visit to AeroCountry during President Bush's visit.

Ground School – Everything is ready to go for ground school.

Operations/Maintenance for January [see February Newsletter] - The fleet flew 88.8 hrs flown in January, and has flown 22.8 hrs so far in February.

Communications – Standard monthly items: Newsletter assembled and published, safety seminar notices, TFRs, program announcements, ground school advertising, web updates. Need everyone's help with getting the ground school advertising out!

Controller – Rate worksheets updated. Working to QC the changes. Reviewed the rate sheet changes. Discussed insurance payback and accrual buckets. Motion and unanimous vote to keep the rates the same for another month. Discussed later payers.

Membership – 3 members added, lost 1, in January. Now at 124 members. 6 membership inquiries, and 4 have now been in contact with Art for introductory flights. 4 are from TI/TI affiliate companies. Will probably have them in ground school. Reviewed calendar for membership meeting programs.

XC Maintenance – GPS updates going on. 2Mb cards being replaced. All databasess will be "US only" for the next 3 months. Getting four 4Mb cards (on backorder).

Safety – See above discussion on conflicting traffic incident. Other than that, all safe.

Treasurer – One outstanding payment getting resolved. Capital improvements funds from last year were all spent (aligned with Texins). \$10K approved for 2006 capital improvements. Texins board meetings have been attended by Charlie and Phil.

President – Minimum standards discussion. Final draft is with the city attorney.

Capital improvements review – Discussion on painting 7929U or waiting and seeing about replacing with a different trainer. Much discussion. Motion by Art, 2nded by Dick, carried 6/3 to go ahead and paint 7929U.

Discussion on getting additional quotes (other than the vendor who has done a great job on the last 2) for painting 7929U. Will get quotes for replacing transponders, as maintenance instead of capital, in 08J, 3NB, 7TY.

Meeting adjourned 2132.

## Highlights from February Membership Meeting -- 02/1106

Meeting called to order 0930 by El Generalissimo Phil Rains.

Introductions around the room with 23 folks attending!

President's report and summary of the board meeting.

Membership chairman upcoming events and calendar review.

Great program on Airman's Guide to Enforcement actions was given by Ron C. McCallum, Aviation Attorney. The program covered the topics of: Defense of Airmen, Legal Enforcement Actions, Enforcement Schedule, Should the Airman Appeal, Recent Case Law, Civil Penalties, How to Mitigate the Effects of an Inadvertent FAR Violation, "NASA" Form Requirements, "Aircraft Accident" means..., "Substantial Damage" is not..., NASA ARC #277B, Legal Representation, Civil Liability Protect Yourself, AOPA Legal Plan costs, Coverage Benefits.

Ron was very supportive of the AOPA Legal Plan and encouraged all pilots to seriously consider enrolling. Ron can be contacted at:

[rmccallum@sbcglobal.net](mailto:rmccallum@sbcglobal.net)  
214-358-9833

Meeting adjourned at 1045.

## TFC Fleet Maintenance Feb '06

### 6368K Off-Line

02/27/06 Annual inspection Started

### 7929U On-Line

02/09/06 Right position light service and 50 hour oil change.

### 737TY On-line

01/05/06 100 hour inspection complete.

02/03/06 Steering link adjusted.

02/28/06 Left brake serviced.

### 733NB On-line

02/07/06 Transponder reseated.

02/16/06 New O rings in nose strut.

02/13/06 Landing light connector replaced.

02/13/06 Transponder swapped out.

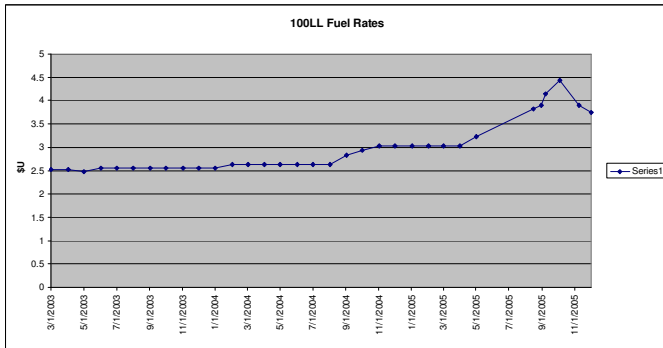
02/28/06 Left brake serviced.

### 7508J On-line

02/09/06 Aircraft will be at Artisone for the 100 hour inspection and squawk services.

02/24/06 100 Hour inspection complete. Gear pump and alternator serviced.

## AVGAS Rates



## TFC Fleet Statistics (1H '06)

|              | Jan         | Feb         | Mar      | Apr      | May      | Jun      | YTD          |
|--------------|-------------|-------------|----------|----------|----------|----------|--------------|
| <b>Total</b> | <b>88.8</b> | <b>61.9</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>150.7</b> |
| <b>6368K</b> | <b>22</b>   | <b>9.4</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>31.4</b>  |
| <b>7929U</b> | <b>10.4</b> | <b>11.3</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>21.7</b>  |
| <b>733NB</b> | <b>18.5</b> | <b>14.1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>32.6</b>  |
| <b>737TY</b> | <b>20.6</b> | <b>20.6</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>41.2</b>  |
| <b>7508J</b> | <b>17.3</b> | <b>6.5</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>23.8</b>  |

## TEXINS FLYING CLUB OFFICERS

| Office           | Board Member           | Office Phone       | Home Phone     | Email                     |
|------------------|------------------------|--------------------|----------------|---------------------------|
| President        | Phil Rains             | (972) 560-5791     | (214) 448-2316 | Phil@fullprop.com         |
| Ops VP           | Fred Carvajal          | (214) 536-8419     | (972) 562-2128 | jhcarvajal@aol.com        |
| Trainer Maint    | Don Essenpreis         | (214) 567-8396     | (972) 530-8648 | esse@ti.com               |
| XC Maint         | Kenny Collins          | (972) 880-2112     | (972) 272-8810 | @dccplus.com              |
| Membership       | Keith Gutierrez        | (214) 480-7940     | (972) 672-2906 | kgg@ti.com                |
| Communications   | Bret Stewart           | (972) 927-5013     | (817) 281-5239 | Bret_stewart@computer.org |
| Controller       | Dick Stephens          | (972) 517-1647     | (972) 517-1647 | Stephens6@speakeasy.net   |
| Treasurer        | Charlie Weinberger, Sr | (972) 995-3830     | (972) 562-7586 | c-weinberger@ti.com       |
| Chief Instructor | Art Jones              | Cell(214) 803-1313 | (972) 346-2646 | adj1@airmail.net          |
| Safety           | Bill Moore             |                    | (972) 270-1769 | moore1213@sbcglobal.net   |

## TEXINS FLYING CLUB INSTRUCTORS

| Instructor          | C F I I | M E I | C o n v | S E S | C F I G | A T P | Office Phone       | Home Phone     | Email                          |
|---------------------|---------|-------|---------|-------|---------|-------|--------------------|----------------|--------------------------------|
| Mike Baulch (M)     | *       | *     | *       | *     |         |       |                    | (972) 843-2208 | Mbaulch5@aol.com               |
| Calvin Coffey (M)   | *       | *     | *       | *     |         | *     | (903) 408-8962     | (972) 547-6711 | calvin.coffey@sbcglobal.net    |
| Hank Eilts (M)      | *       |       | *       |       |         |       | (214) 480-3581     | (972) 517-8273 | eilts@ti.com                   |
| Rich (M) Graham     |         | *     |         |       |         | *     | (972) 491-0011     | (972) 491-0011 | habu5@verizon.net              |
| Art Jones (M)       | *       | *     | *       |       |         |       | Cell(214) 803-1313 | (972) 346-2646 | adj1@airmail.net               |
| Richard Klein       | *       | *     | *       |       |         |       | (972) 344-3356     | (972) 424-2307 | rsklein3@comcast.net           |
| Russell MacDonald   | *       |       |         |       |         |       |                    | (972) 491-1380 | russmacdonald@verizon.net      |
| Bob (M) Niedwiecki  | *       | *     |         |       |         | *     | (972) 390-3672     | (972) 414-3517 | robert.niedwiecki@experian.com |
| Sherman Ratliff (M) | *       |       |         |       |         |       | (214) 965-6063     | (972) 660-4480 | shermanr@airmail.net           |
| Mark Seglem         | *       | *     | *       |       |         | *     | (972) 727-3465     | (972) 727-3465 | mseglem@swbell.net             |
| Dick (M) Stephens   | *       |       | *       |       |         |       | (972) 517-1647     | (972) 517-1647 | stephens6@speakeasy.net        |

(M) TFC Member/Instructor **CFII** - Certificated Flight Instructor, Instruments; **MEI** - Multi-Engine Instructor; **Conv** - Conventional Gear (Taildragger) Instructor; **SES** - Single Engine Sea; **CFIG** - Certificated Flight Instructor, Glider; **ATP** - Airline Transport Pilot-rated. **Note:** All instructors are assigned by TFC's Chief Flight Instructor (Art Jones).

**ABOUT THIS NEWSLETTER:** Inputs are encouraged! Of particular interest are flying experiences that others can learn from. Forward inputs to Bret Stewart, email [bret\\_stewart@computer.org](mailto:bret_stewart@computer.org)

### TFC AIRCRAFT AND RATES

| Tail No.  | Make   | Model               | Rate/Hr  |
|-----------|--------|---------------------|----------|
| Simulator | ATC    | 610J                | \$ 0.00  |
| 6368K     | Cessna | 150M Commuter       | \$70.00  |
| 7929U     | Cessna | 150M Commuter       | \$70.00  |
| 733NB     | Cessna | 172N(180) Superhawk | \$93.00  |
| 737TY     | Cessna | 172N Skyhawk        | \$88.00  |
| 7508J     | Piper  | PA-28R-180 Arrow    | \$118.00 |

- \* Off-site fuel expenses are reimbursed at a rate of **\$3.74/gal.**
- \* For off-site fuel shopping see [www.airnav.com](http://www.airnav.com)
- \* Detailed aircraft features are listed in Club Handbook
- \* Monthly Dues: \$35.00 for regular members
- \* Instruction: \$21.00 / Hr
- \* TFC measures aircraft rental rate using tachometer hour.
- \* Rate includes cost of fuel (currently **\$3.74/gal.**)
- \* All non-instructional flights require additional 8.25% tax.

### KEY CONTACT INFORMATION

#### McKinney & TFC

Aircraft Scheduling [www.texins.org/flyingclub](http://www.texins.org/flyingclub)  
 TKI ASOS Land Line (972) 542-9659  
 Airport Manager (972) 562-6080 ext 4053  
 WingsPoint @ TKI (972) 562-5555  
 Monarch Air @ TKI (972) 562-0717

#### General

DUAT (800) 345-3828  
[www.duat.com](http://www.duat.com)  
[www.duats.com](http://www.duats.com)  
 Dallas FSS/FSDO (214) 902-1800  
 Ft. Worth Center (817) 858-7300 (ZFW ARTCC)  
 FlightCom, Inc. (800) 432-4342 (Josh Pruzek)  
 Southwest Soaring (972) 251-5079 Metro  
 Monarch @ ADS (972) 931-0345  
 DE: TM Smith (972) 661-8086  
 DE: Richard Caldwell (972) 885-4911  
 DE: Kendall Haley (940) 321-2849  
 DE: Carol Walker (214) 948-0440  
 Email: [WalkerCL@aol.com](mailto:WalkerCL@aol.com)  
 FAA Medical: Gabriel Fried (972) 361-0155  
 Christopher Blair, AME, (972)-745-4446

## TFC COMMUNICATIONS & INFO

|                  |   |
|------------------|---|
| www              | <a href="http://www.texins.org/flyingclub">http://www.texins.org/flyingclub</a>                               |
| FlightCom Prices | <a href="http://www.texins.org/flyingclub/flightcom.html">http://www.texins.org/flyingclub/flightcom.html</a> |
| Email List       | tfly@list.ti.com  |
| TFC Board Email  | tflyboard@list.ti.com   |
| Mailing Address  | Texins Flying Club<br>P.O. Box 831311<br>Richardson, TX 75083-1311  |

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