

## BUSINESS NAME

### SPECIAL POINTS OF INTEREST:

- Monthly Meeting Feb 14- Texas Sport Aircraft Company
- Frost on the Wing - Not! By Keith Gutierrez
- Regional Fuel Prices
- Regional Aviation Events

### INSIDE THIS ISSUE:

Frost on the Wing - Not!	1, 6
Fleet Updates	2
Board Update; Aviation Calendar	3
Member News & Instructor Information	4
TFC Board Info; President's Corner	5
Aircraft Rates and Local Fuel Prices	7
TFC Calendar, Membership Meetings	7



# TFC Flightlines – Feb 2009

MEMBER NEWSLETTER

FEB 2009

## Texas Sport Aircraft Company - Texas Sport CUB

Kurt Sehnert from Texas Sport Aircraft Company at Sulphur Springs Airport will be talking to us about light sport aircraft, specifically the Texas Sport CUB amateur built aircraft. The Texas Sport CUB is a derivative of the popular American Legend Cub. Texas Sport Aircraft Company is the second largest light sport manufacturer in the country. They are implementing a new Texas Sport KwikBild Program, which is a builder's assistance program to allow amateur aircraft builders to complete their own Texas Sport CUB aircraft kit in a factory setting. Join us

for the monthly membership meeting on Saturday, February 14th at the McKinney Performing Arts Center at 9:30 am. **Kurt will be giving away a free ride in a Texas Sport Cub!!!**



## Frost On The Wing - NOT! By Keith Gutierrez

Early morning flights in our area always come with the extra chore of dealing with cold weather and possible frost on the airplane. More than once, I've seen pilots taxi from the ramp with obvious frost on the wing surfaces. I have actually seen a pilot taxi while trying to peer through a small hole scratched through the frost on the windshield. Is this safe? Would you do it? How much frost is too much? What do you do about frost on the surfaces? Let's take a look at some of the recommendations as described in the AOPA Safety Brief - "Cold Facts - Wing Contamination," published in 2006.

During the 10 year span from 1995 to 2005, there have been over 30 accidents on takeoff as a result of wing contamination by snow, frost and ice. A few simple steps during preflight could have easily prevented these accidents.

Since all of our planes are parked on the ramp, frost often accumulates on wings, elevators, and other surfaces. Because of the frost, the disrupted airflow over the wings can substantially alter flight characteristics - even if there is only a small amount of frost. Increased stall speeds, longer takeoff rolls, or an inability to fly at all may be the result. Even a passing snow shower can foul surfaces enough to make flight inadvisable.

When frost or snow is present on the airframe, the pilot has two choices: go home or spend some extra time during preflight completely removing frost and snow from the aircraft. While no Federal Aviation Regulations (FARs) specifically prohibit a light general aviation (GA) aircraft from attempting a takeoff while covered in snow or frost, doing so may fall under careless and reckless operation (FAR 91.13).

Clean it up!

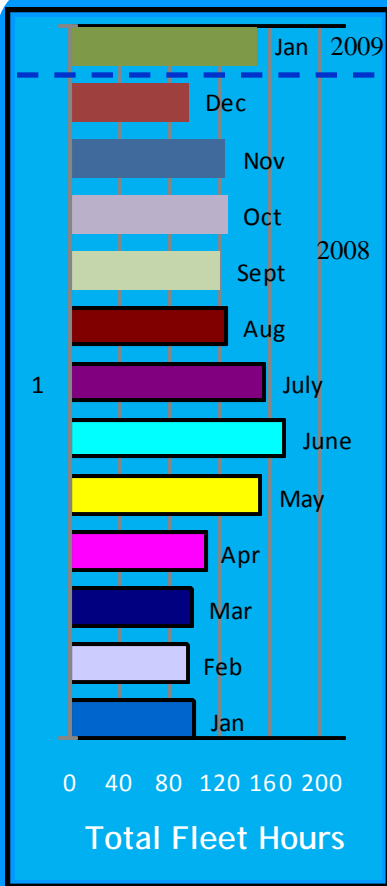
In the highly regulated airline world the rule is simple: An aircraft can depart only when it's 'clean' - no snow, frost, or ice on any part of the aircraft. We must practice the same rule when we find frost on the airplane - it must all be removed.

**Continued on Page 6**

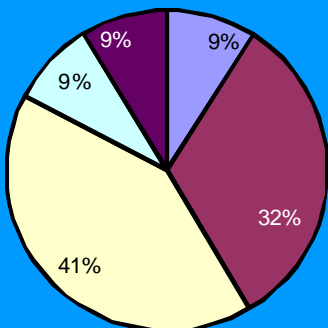
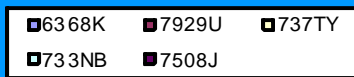
# TFC Fleet Statistics

This table shows the total logged tach-hours for each of the TFC aircraft.

	Jun	Jul	Aug	Sept	Oct	Nov	Dec	2008	Jan	YTD
TOTAL	172.1	156.3	125.3	119.8	125.2	124.1	95.4	1472.2	150	150
N6368K	21.1	42.4	25.5	23.9	5.8	0	0	208	13.5	13.5
N7929U	58.5	51	35.3	25.5	22.1	34.2	30.4	409.6	48.7	48.7
N737TY	30.8	59.4	44.4	49.5	60.7	45.9	31	402.3	61.8	61.8
N733NB	45.1	0.1	11.7	12.6	30.4	38.8	30.6	351.6	12.9	12.9
N7508J	16.6	3.4	8.4	8.3	6.2	5.2	3.4	100.8	13.1	13.1



**Updates on the maintenance work done on our aircraft over the past month.**



# Fleet Maintenance Statistics

## 6368K

On-Line

1/14/09 Aircraft back on-line.  
 1/20/09 Carburetor idle air and fuel mixture adjustment; oil change.  
 1/29/09 Heater control cable on order. Elevator trim cable adjusted.

## 7929U

On-Line

12/29/08 50 hour oil change.  
 2/2/09 100 hour inspection started.

## 737TY

On-Line

12/31/08 100 hour inspection and post light repair.  
 1/26/09 50 hour oil change.

## 733NB

Off-line

3NB is in the paint shop. Disassembly is complete for stripping and painting. New Plexiglas arrives this week.

1/7/09 Transponder problem found and repaired.  
 1/12/09 Aircraft in paint shop.  
 1/20/09 Door panels have been covered in new naugahyde.

## 7508J

On-line

1/7/09 New low internal resistance battery installed.  
 1/15/09 DME repaired.  
 1/20/09 Compass case glued. GX55 battery on order.  
 1/29/09 Another altitude sensor for altitude hold installed.

# TFC Board Meeting Updates

## Fuel Prices

Fuel prices are holding steady. The fuel reimbursement rate is still \$4.69, effective 12/1/08. The aircraft rates will remain the same as January, see Page 7.

## N6368K

N6368K has a new engine and is running well. It went back into service and has been used well since it's return to the trainer fleet.

## N733NB

N733NB is in the paint shop . It is scheduled to return February 28th. It also has a new windshield and the interior has been completed.

## N737TY

N737TY had a starter issue that has been resolved. A new HID lamp has been installed that is much brighter and last a lot longer than the old halogen lamp.

## Airport Access Card Program Update

If you need vehicle access to the airport, you can sign up for your access card starting Saturday January 10th. Those with last names starting with A-I can sign up on January 10-24, J-R on January 26-February 7, and S-Z on February 9-21. All members on the roster in December 08 are on the pre-qualified list. See the information linked on the TFC homepage or on the airport website at [www.flymckinney.com](http://www.flymckinney.com).

## Regional Aviation Events Calendar

### February

**Feb 23 - Mar 8 — Sulphur Springs, TX.** Sulphur Springs Municipal Airport (KSLR). Texas Sport Aircraft Company KwikBild". KwikBild" is a builder's assistance program to allow amateur aircraft builders to complete their own Texas Sport CUB aircraft kit in a factory setting. Customers can equip their aircraft with their choice of features and options, in as little as 21 days. Contact Kurt Sehnert, 903-885-7000

**Feb 28 — Tyler, TX.** Tyler Pounds Field (TYR). Pancake Breakfast. Breakfast hosted by members of the Tyler Civil Air Patrol squadron from 8-11 AM--fourth Saturday of the month. East side of field.. Contact Rich Dyer, 903 849-2785

### March

**Mar 14 - 15 — Brownsville, TX.** Brownsville/South Padre Island International Airport (KBRO). Air Fiesta 2009. Annual air show hosting and exhibiting Commemorative Air Force aircraft, aerobatic exhibitions, modern military aircraft from the US Air Force and Navy, as well as CAF member owned WWII and Korean era planes. Features static displays of modern military aircraft, military flybys, food concessions and kiddie rides. 956-541-8585

**Mar 14 — Bryan , TX.** Coulter Airfield (CFD). Coulter Airfield Light Sport Expo. This event will showcase Light Sport Aircraft from around the world at a central location in Texas. Contact Karl Preston,

979 778 2963

**Mar 28 — Tyler, TX.** Tyler Pounds Field (TYR). Pancake Breakfast. Breakfast hosted by members of the Tyler Civil Air Patrol squadron from 8-11 AM--fourth Saturday of the month. East side of field. Contact Rich Dyer, 903 849-2785

### April

**Apr 4 - 11 — MARFA, TX.** Marfa Airport (MRF). TEXAS GLIDER RALLY. Sailplane pilots gather at this annual soaring camp in southwest Texas to make altitude and distance flights . Contact BURT COMPTON, 432/386-5505

**Apr 4 — Pineville, LA.** Pineville Municipal Airport (2L0). Monthly Pancake Breakfast. Monthly pancake breakfast - Pineville Municipal Airport (2I0) - best breakfast around, all you can eat - pancakes, eggs, sausage, hash browns, grits, biscuits, gravy, coffee, milk or juice. Sponsored by EAA chapter 614. Contact Nick Nicewarner, 318/452-0919

**Apr 25 - 26 — Bryan, TX.** Coulter Field (KCFD). Coulter Air Classic. Showcasing vintage military and modern civilian aircraft with aerial demonstrations from professional acrobatic pilots. Food and drinks with other activities for families and all ages. Come join us for our second annual air show at Brian's historic Coul. Contact Karl Preston, 979 412 1611

# TFC Member News & Notes



Welcome to our newest club members

**John Wilson**

**Thomas Fox**

## Spring Ground School

Our spring ground school class begins March 17. Registration is March 12. Please visit the website, download the PDF and pass them out and/or post them in approved areas. You can find all of the info regarding the spring ground school by visiting the "Learn to Fly" section of the website (accessible from the front page). Please help us get the word out about this fantastic opportunity by printing the PDF and posting it where you can. We need everyone's help spreading the word.

**Congratulate the following people for their Aviation Milestones next time you see them around the airport!**

Ben Pinkerton passed his instrument checkride on January 30th.

Rusty Mensch completed his first solo on January 17th.

Brandon Dunlap passed his private pilot checkride on January 16th. His instructor is Rich Graham.

Mark Williams passed his private pilot checkride on January 8th. His instructor is Rich Graham.

## TFC Instructors

Instruction rate is \$32/hour

Name	Instructor Ratings	Contact	Schedule
Richard Klein	M CFI, CFII, CONV	972-424-2307	7 Days a Week.
Bobby Anderson	M CFI, CFII, MEI	772-532-2089	
Mike Baulch	M CFI, CFII, CONV, SES	972-843-2208	
Dinu Catona	M CFI, CFII, MEI	972-866-3593 619-925-1118	
Calvin Coffey	M CFI, CFII, MEI, SES, ATP	972-547-6711	weekends and some weeknights
Douglas Cranfill	CFI, MEI, ATP	817-480-5025	
Hank Eilts	M CFI, CFII, CONV	214-480-3581	weekends and weekday evenings
Jim Evans	CFI, CFII, CONV, SES	214-284-9467	
Rich Graham	M CFI, ATP	972-491-0011	7 days a week
Art Jones	M CFI, CFII, MEI, CONV	972-346-2646	
Robert Niedwiecki	M CFI, CFII, MEI, ATP	972-390-3363	
Sherman Ratliff	M CFI, CFII	469-220-5283	weekends and some evenings
Mark Seglem	M CFI, CFII, MEI, CONV, ATP	972-727-3465	
Dick Stephens	M CFI, CFII, CONV	972-517-1647	

Legend:

CFI: certificated flight instructor

CFII: certificated instrument flight instructor

CONV: conventional gear (traildragger) instructor

MEI: multi-engine flight instructor

SES: single engine seaplane instructor

## TFC Officers

Office	Member	Home Phone	E-Mail
President	Calvin Coffey	972-547-6711	<a href="mailto:calvin.coffey@sbcglobal.net">calvin.coffey@sbcglobal.net</a>
Operations VP	Fred Carvajal	972-562-2128	<a href="mailto:jhcarvajal@aol.com">jhcarvajal@aol.com</a>
Trainer Maintenance	Darren O'Rourke	972-731-7539	<a href="mailto:darreno@gmail.com">darreno@gmail.com</a>
X-C Maintenance	Doug Lainhart	972-727-3070	<a href="mailto:fdlainhart@comcast.net">fdlainhart@comcast.net</a>
Membership VP	Robert McLeod	972-516-9826	<a href="mailto:robert@productionguys.com">robert@productionguys.com</a>
Communications	Liz Kooymans	972-837-5366	<a href="mailto:email@elizabethkooymans.com">email@elizabethkooymans.com</a>
Controller	Anton Quiroz	972-495-5850	<a href="mailto:antonq@ti.com">antonq@ti.com</a>
Treasurer	Charlie Wienberger, Sr	972-562-7586	<a href="mailto:c-weinberger@ti.com">c-weinberger@ti.com</a>
Safety Officer	Dick Stephens	972-517-1647	<a href="mailto:dick@stephens-family.net">dick@stephens-family.net</a>
Chief Instructor	Richard Klein	972-424-2307	<a href="mailto:rsklein@tx.rr.com">rsklein@tx.rr.com</a>



Want to learn more about airplane ownership or help guide the direction of the TFC? Consider joining the TFC Board of Directors! Contact any board member if you're interested.

## President's Corner



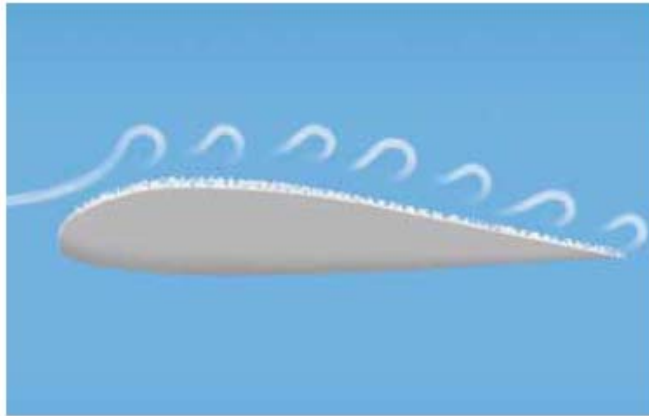
The weather forecast for this morning was for low clouds and a fast approaching cold front. As I write this, the clear blue sky is awakening. The rest of the country is busy fighting snow, ice, power outages and cold conditions. I will have to give the forecaster a little credit. The sun did come up! Seriously, it's rather hard to predict the exact conditions for a specific location in the winter unsettled weather months. Last week we saw temperatures in the 20s, icy runways

and then a few days later a warm afternoon high of 75F. Of course this makes pilots skeptical of the weather forecasts. Of course we are used to this typical Texas weather: If you don't like it, wait 15 minutes!

See you around the airport!  
Calvin

## Frost On The Wing - NOT! Cont'd By Keith Gutierrez

If the aircraft is snow-covered, use your gloved hand to sweep the snow of the aircraft. Don't use stiff brooms or other brushes. These can



*Smooth boundary layer flow over airfoils is critical to safe flight—degrade it with any snow, frost, or ice and flight may not happen.*

easily scratch the plastic windshield and paint. Beware that there may also be a layer of frozen slush or ice under the snow. It too must be 100% removed.

Here in North Texas, you are much more likely to encounter a

layer of frost on the plane. Removing frost and ice is trickier than loose snow, but just as critical. Frost is sticky and sometimes hard to see. The easiest method to remove the frost is to simply wait and let the sun do the job. In some cases, moving the plane to face the sun will help speed the melting. If you are flying the Arrow, it is common for the right wing to be frost free but the left wing to still have frost because it is shaded by the fuselage. I move the plane to face the sun and then remove all of the frost with my gloved hand. If the layer is thin, the job goes quickly. The key point to remember is to remove all of the frost. From an aerodynamic viewpoint, there is no such thing as a little frost.

For the high wing planes, you'll need a ladder to reach all the wing surfaces - or at least I do. Having the proper tools, this means a ladder for some folks, means doing a thorough job. Every bit of frost must be removed from the plane. Don't forget the tail surfaces too. Don't use automotive windshield de-icer on the plane's windows since it will attack the plastic. Use a CLEAN cloth to remove the frost. Heating the cloth with your car's heater and simply laying it on the windshield usually makes quick work of a small amount of frost. Do not use car ice scrapers, credit cards, or

any other hard plastic device - they will scratch the plastic. Don't count on the airplane's de-froster to clear the windshield; it will take a very long time. Do not taxi until you can see enough to move safely. No cheating.

If you are traveling to the cold country, the best and easiest prevention is a heated hanger. When I travel to Denver in the winter, I always request that the plane be parked in the heated hanger the night before my departure. Not only do I get a frost free plane, but the cabin is warmer and starting the engine is much easier. While the night in the hanger might cost a bit more, I think it's worth it.

If you find your plane frost covered, you can also have it towed to a heated hanger where you can take your time to remove the frost or simply let it melt. When melting the frost and ice make sure water does not penetrate control surface hinges where it might refreeze and cause problems. Use a dry towel to dry these areas. Some FBOs charge for this service, others don't.

Finally, remember that do-it-yourself frost removal will take a while, in cold, and sometimes breezy conditions. A light jacket and tennis shoes, while stylish, do not work well. A parka, boots, gloves, and a hat will encourage you to give this critical job the time and attention it deserves.

Further reading:

Aircraft Icing: <http://www.aopa.org/asf/publications/sa11.pdf>

Snow Time: <http://www.aopa.org/asf/asfarticles/2001/sp0112.html>

Cold Facts - Wing Contamination: AOPA Air Safety Foundation, SB02-12/06

# Hourly Rates for TFC Airplanes

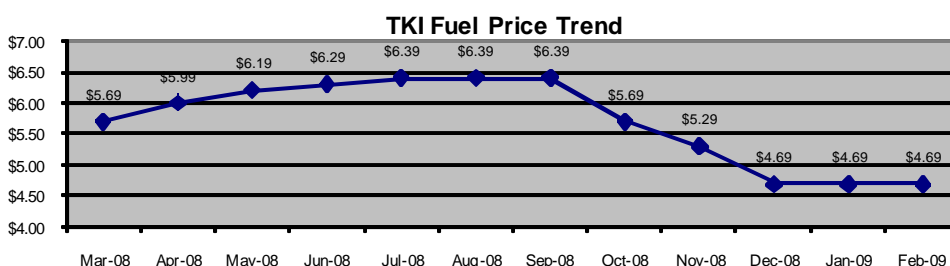
The fuel price at McKinney Airport is currently \$4.69/gal. The hourly rates to the right remained the same this month, effective 12/1/2008. Average 100LL prices in the 6-state region is \$4.03/gallon. Check [100LL.com](http://100LL.com) and [AirNAV.com](http://AirNAV.com) for current regional fuel prices when planning your next cross country flight.

Tail Number	Make/Model	Rate/Hr
N6368K	Cessna 150M Commuter	\$81.50
N7929U	Cessna 150M Commuter	\$81.50
N737TY	Cessna 172 Skyhawk	\$105.25
N733NB	Cessna 172N/Superhawk	\$105.25
N7508J	Piper PA-28R-180 Arrow	\$129.75



TFC hourly rates are “wet tach hour” meaning fuel and oil costs are included and you pay based on engine usage, not on wall clock time.

**Cutter Aviation at McKinney fuel price trends.**



Fuel Savings Locator

## Fuel Reimbursement

Offsite fuel purchases are currently reimbursed at \$4.69/gal. If you refuel at a lower price, you pocket the savings!

Remember to enter the gallons purchased in the log book and write your member number on the receipt and place it in the box in the key locker.

### Comparative Fuel Prices Around DFW

information from



As of 1/3/08

TKI \$4.69

ADS \$5.48

GPM \$2.79

GVT \$3.05

XBP \$2.35

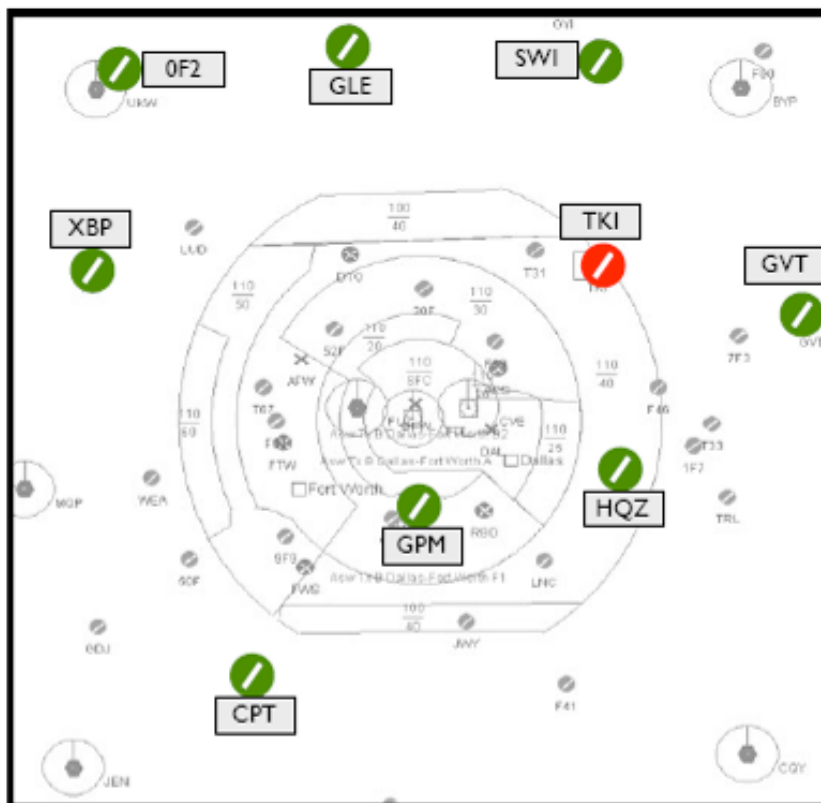
SWI \$2.55

CPT \$3.06

HQZ \$2.75

GLE \$2.75

SLR \$3.67





### THE TEXINS FLYING CLUB

P.O. Box 831311  
Richardson, TX 75083-1311

Make your dreams of flight come true!

The TEXINS Flying Club is a subsidiary organization of the Dallas TEXINS Association, a non-profit organization. Our purpose, as stated in our Constitution is "... to encourage interest in aviation, to advance the knowledge of the members in aeronautical and navigational subjects, and to bring to more people the social benefits and pleasure of flying."

Updated 04/2008



Download  
for your  
flight bag

[http://www.texins.org/flyingclub/reference/TFC Contact Card.pdf](http://www.texins.org/flyingclub/reference/TFC>Contact_Card.pdf)

## Club Calendar of Events

Saturday February 14th: TFC Membership Meeting, 9:30 a.m. at the McKinney Performing Arts Center. Kurt Sehnert from Texas Sport Aircraft in Sulphur Springs will be talking about the Texas Sport Cub and will be giving away a ride in a Texas Sport Cub during the meeting! Join some of our members for breakfast at [Spoons Cafe](#), 100 E. Louisiana beginning at 8:30 AM before the membership meeting.

Wednesday March 11th: TFC Board Meeting, 6:00 p.m., LER Schimelpfenig Library, 5024 Custer Rd, Plano, TX. All members

