## May 2020

## **RUNWAY 15**





# WEST HOUSTON AIRPORT



Woody Lesikar Airport Manager

#### DON'T ABANDON SHIP!

Oil prices went negative, Coronavirus cases and deaths, stay-at-home orders and more. The news is not all bad!

Our airplanes are valuable! Yes, they are still worth

a lot of money. Clean upgraded and wellmaintained aircraft will hold their value. The inventory of General Aviation airplanes aged 20 years or less is extremely low. These planes will continue to be worth good money. Planes that are over 20 years old with upgraded avionics, recent paint and interior and which are well maintained will also be valuable but will not bring top dollar unless unique. Planes that have not been upgraded without ADSB or out of annual, close to TBO or damaged, will not bring much. Even with all that's happening, my prediction is that General Aviation is going to stay strong with continued sales of GA aircraft. Plus, with the CARESACT passed by Congress, now in effect, there are very attractive incentives for the purchase of an aircraft. Depreciation on newly acquired business use aircraft can be carried back, not just forward. If you made money since 2015 and paid taxes, you can purchase a business use plane and use the write off towards your previously paid taxes. This is a fantastic but limited time offer under the new CARESACT. This will really help businesses acquire business equipment right now! CAVU!

(Consult your tax advisor for your particular circumstances)



Dave Hirschman

AOPA Pilot Editor at Large

#### EFFICIENCY: LOUD AND NOT PROUD

I recently attached video cameras to a Cessna 180 Skywagon equipped with a large-diameter "seaplane prop" set to maximum rpm and recorded both its performance and decibel level. With the propeller knob full forward and wide-open throttle, the Sky-

wagon's takeoff roll was 620 feet and lasted 14 seconds. Once established in a 75-knot climb, it ascended at 1,100 feet per minute, took 1 minute 50 seconds to go from brake release to 1,000 feet agl-and the sound beside the runway was a screaming 98 decibels. Then, at pattern altitude, the pilot reduced engine/prop rpm to 2,500 as per the pilot's operating handbook. But what would happen if the pilot set 2,500 rpm on the ground and then went to full throttle for takeoff? Would performance suffer? On the next two takeoffs, the pilot did just that—and his takeoff roll was 20 feet shorter and three seconds quicker, his rate of climb was 150 feet per minute higher, and time from brake release to 1,000 feet agl was reduced by more than 20 seconds. Oh, yeah, and the noise near the runway dropped 10 decibels. Klaus Savier, founder of Lightspeed Engineering and designer of multiple aircraft speed modifications, said all airfoils—including propellers see a sharp increase in drag as they approach the speed of sound. "The drag rise on propeller tips starts at about 0.84 Mach and goes up sharply from there," he said. "The loss of efficiency is dramatic." Engine horsepower increases with rpm, but as propeller tips approach the speed of sound, the amount of thrust they produce drops off rapidly. "It doesn't do any good to add horsepower if you're losing propeller efficiency as a result," he said. "That's a losing proposition." Large-diameter, two-blade propellers on direct-drive engines are the most susceptible to high tip speeds. Think Cessna 180s and 185s, T-6s, and old Beechcraft Bonanzas. Reducing rpm at high power settings can have negative consequences, even in normally aspirated engines. In extreme cases, high manifold pressure and low rpm can cause detonation or preignition that could damage or destroy engines. Check with your engine manufacturer to find out whether your airplane's engine is capable of safely operating at less than full rpm.If so, you may find that flying quieter brings better performance, too.

To watch demo: <u>aopa.org/pilot/loudnotproud</u> Email <u>dave.hirschman@aopa.org</u> Reprinted with Permission

### **RUNWAY 15**

"As The Beacon Turns"

CALENDAR OF EVENTS

### AeroVíllas lots 8-12

· Financing Available



For More Information contact Woody Lesikar at 281-492-2130, woody@westhoustonairport.com www.aerovillas.com or www.westhoustonairport.com

ALL WEST HOUSTON AIRPORT EVENTS/ MEETINGS HAVE BEEN TEMPORARILY POSTPONED UNTIL FURTHER NOTICE:

#### PRIVATE PILOT GROUND SCHOOL

**ONLINE CLASSES AVAILABLE** 

Register by Sunday @ 7PM by calling us at 281-492-2130

Contact Brandon Carr, bwsmcarr07@gmail.com, once registered

Every Monday Evening, 7:00 p.m. - 10:00 p.m., 12 week class series Each class a stand alone class. No prior reservations needed. Licensed Jeppesen Video Presentation! Bring a family member for *half-price*. Start learning to fly today. Call for verification. 281-492-2130

#### FAA SAFETY MEETING,

Fourth (4th) Tuesday, 7:00pm TEMPORARILY POSTPONED

#### 99's MEETING

Contact 99's for meeting information.

website www.ninety-nines.org. Carol Brackley—carolav8@att.net

#### **CHECK FOR OPERATIONAL HOURS:**

#### **COMMEMORATIVE AIR FORCE (CAF)**

Museum open first and third Saturday of the month 10am-3pm. Meetings 3<sup>rd</sup> Sunday of the Month at 2:00 p.m. Contact email for tours and flight information at rides@houstonwing.org or the hangar at 281-579-2131, <u>info@houstonwing.org</u>. Volunteers and donations welcome.

<u>TEXAS BIPLANE</u> Experience Freedom in the Air as you fly in an open-cockpit biplane over Texas!fly@texasbiplane.com 281-698-7524.















#### **Fuel Price Comparison for April**

AVGAS (100LL) JET A High Low Avg High Low Avg Southwest Region 7.19 4.33 Southwest Region 7.10 1.78 3.85 2.45 West Houston Airport 3.75 2.75\* 3.25 West Houston Airport 3.91 2.43 3.17

\*With Volume discount Published on AirNav.com





Business or residential LOTS for SALE Build your Hangar OWN your property Contact Woody

281-492-2130 woody@westhoustonairport.com



#### Fly for Fuel

HELP IWS Stranded pilots! To Sign Up:

Contact Woody 281-492-2130

#### \*PILOT SUPPLIES\*

Available for Rent Bonanza Dual Yoke Call Ahead to Reserve 281-492-2130

Have your Aircraft Sanitized
Call:

Fast Freddy Mobile Detail 281-330-9813

www.fastfreddymobiledetail.com

CONGRATULATIONS! Mr. Ron Thomas is now a

Commercial Pilot!
Pat Brown, FAA Designated

Ron Thomas, Commercial



West Houston Airport sells Paper charts, Approach Plates and Class "B" TAC Charts. Authorized FAA Chart Dealer!

#### **FOR RENT**

CESSNA 172S SKYHAWK, CESSNA 172S - G1000/AIR, Cessna 182RG W/430

Hangar / Home / Office D11 For Sale or Lease Call Woody at 281-492-2130

http://www.brettzamoredesign.com/2015/06/14/dezavallos-hangar/



TOW

BAR

FOR

SALE



#### FOR BEECHCRAFT

**Call Debbie Gary at 713-829-7343** 

Make an Offer

Editor of RUNWAY 15 Katy Morrison katy@westhoustonairport.com 281-492-2130





Buy, Sell, Broker, Trade, Finance
For information Call 281-492-2130
ask for Woody Lesikar

1993 Baron 58 - Beautiful! 1992 Bonanza A36 - Fly away! 1999 Baron 58 Baron- Loaded! 1965 Mooney M20 - Loaded! New Panel!









West Houston Airport, P.O. Box 941789, Houston, Texas 77094-8789 18000 Groschke Rd., Houston, Texas 77084-8789 Phone: 281-492-2130, Fax: 281-492-7028 email: info@westhoustonairport.com



### **RUNWAY 15**

#### All comments, complaints, and suggestions are welcome

please send to: Woody Lesikar, Airport Manager, 281-492-2130, woody@westhoustonairport.com www.westhoustonairport.com

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#### WEST HOUSTON AIRPORT TEAM

#### **Aviation Businesses:**

West Houston Airport (Since 1962)	Flight School, Pilot Supplies	<b>Terminal Building</b>	281-492-2130	www.westhoustonairport.com
Calkins Aero Service (Since 1985)	Maintenance and Repairs	Hangar #3 Brown East	t 281-579-6674	www.calkinsaero.com
General Avionics (Since 1995)	Avionics Sales and Service	Hangar #1 White East	281-647-9600	www.generalavionics.com
Sky Aircraft Interiors	Aircraft Upholstery	Hangar #1 White Wes	t 281-682-4454	jenni@skyaircraftinteriors.com Dr.
Victor Arellano (Pilot) FAA Medicals (by appt. only) 15410 Ridge Park Dr., Houston, Tx 77095 281-855-2244(o) 281-460-2247(m) ww.tmauc.com				
Fast Freddy Mobile Detail	Aircraft Detailing	T-Hangar F2	281-330-9813	www.fastfreddymobiledetail.com
National Helicopter Solutions	Helicopter tours and charter	Hangar F13	281-795-9995	www.fly-nhs.com
VT Aviation Academy of America	141 Flight School	Hangar 2East (Blue)	830-584-7058	https://vt-aaa.com

#### AIRPORT CONTACTS: P.O. Box 941789, Houston, Texas 77094-8789, 18000 Groschke Rd., Houston, Texas 77084-8789

Phone: 281-492-2130, Fax: 281-492-7028 email: info@westhoustonairport.com

SHELLY LESIKAR deZEVALLOS, President, shelly@westhoustonairport.com

WOODY LESIKAR, Executive Vice President , Director of Aviation, Airport Manager woody@westhoustonairport.com, Availab RICH WHITNEY, Compliance and Safety Officer, 7:30 am to 5:30 pm Mon thru Fri; rich@westhoustonairport.com \*x19

RENEE STRIPLING, CFO renee@westhoustonairport.com \*12  $\,$ 

DON EUTON, AOPA Airport Representative, 281-391-7310, doehe@consolidated.net

- volunteer

Robert Erbrick, President, West Houston Airport Subdivision Owners Association, Inc.,

robert@erbrick.com - volunteer

 ${\bf FAA\ SAFETY\ MEETING\ Scott\ Vaughn,\ dsvaughncsp@gmail.com}$ 

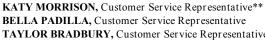
\* Denotes years of service

Please see website for contact and email information





BELLA PADILLA, Customer Service Representative TAYLOR BRADBURY, Customer Service Representative









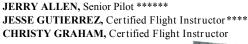
1st Shift MIKE WHITE, Lead Line Supervisor, \*13 DANIEL RENTERIA, Line Crew Technician TOBY COOKE, Line Crew Technician\*5 JESSE PADILLA, Line Crew Technician



Jose Villatoro, Weekend Line Supervisor\*\*\*\*



2nd Shift SEAN FRITSCHE, Line Supervisor\*6 MATTHEW KIDD. Line Crew Technician\* GRANT ORR, Line Crew Technician DYLAN BAYLESS, Line Crew Technician





SAM TURK, Security Officer \*15



PHILLIP KMIEC, Chief Mechanic\*7





Night Crew ERIK DITTMAR, Line Supervisor,\*7 CHRIS ARNOLD, Line Crew Technician

**FAA Hotline 800-255-1111**