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everything in between!*

JULY 2013

HAPPY 4TH OF JULY!

EDITOR C. ROBINSON



WHAT'S UP? LOOK ... UP IN THE SKY ... IT'S A BIRD ... IT'S A PLANE ... IT'S A C-17?

Any movie with flying in it (Superman and otherwise) is on my "todo" list. My favorite scene in the recently-released Superman film "Man of Steel" was the fictional character's first solo. The actor's look of wonderment at his achievement was perhaps a déjà vu for anyone who has accomplished solo flight for the first time. The movie depicts not only Superman's cape-assisted flights but also some celebrity fixed-wing flights. A C-17 Globemaster III cargo aircraft comes to a timely rescue right on cue. When not starring in movies, the C-17, designated S/N 87-0025, resides at the National Museum of the US Air Force. This Globemaster has also appeared in other films, such as "Transformers," "Transformers: Revenge of the Fallen," "Iron Man, and "Iron Man 2." Other aircraft also appeared in Man of Steel: an Air Force C-130 and F-35. Additionally, the Department of Defense gave production access to junked aircraft pieces to use as debris for the destructive plot lines. Military scenes were filmed in the Mojave Desert at Edwards Air Force Base.

LOS ANGELES TERMINAL AREA CHART CHANGES

The new edition of the Los Angeles Terminal Area Chart became effective June 27, 2013.

On the chart legend, check changes:

1. Added the phrase "All times are local" at the top of the legend, deleted same phrase lower in the legend.
 2. Section for Airport Traffic Service and Airspace Information
 - a. Added symbol for class E airspace with floor 700 ft above surface that laterally abuts class G airspace.
 - b. Added to OBSTRUCTIONS legend:
 - 1) Symbol for Wind Turbine
 - 2) Symbol for Wind Turbine Farms (Wind Turbine symbol, along with altitude and enclosed within a dashed line)
 - 3) Symbol for Wind Turbine Group Obstruction (two Wind Turbine symbols)
 - 4) Symbol for Wind Turbine within section for Group Obstruction with High-Intensity Lights: May Operate Part-Time, shown as a Wind Turbine symbol with a circled dot in the center.
- Note: The current edition of the Aeronautical Chart Users Guide does not list this new symbol. We'll watch for it in the next revision.

On the navigation side of the chart, check the changes:

1. Within Burbank's Class C surface area, Burbank NDB renamed Vinee NDB
2. Within Santa Ana Class C surface area, an obstruction symbol added approximately 2.5 nm south of the departure end of 19L/R for a building 524 feet MSL (301 feet AGL)
3. Northwest of Big Bear Airport, Rabbit Airport, 2,943 MSL, 3,500 runway, has been closed down.
4. Riverside-March Class C frequency box in the north quadrant of the Class C airspace: Class C frequencies changed from 119.65 to 134.0 and 379.25 to 278.3.
5. Just east of Banning Airport a symbol was added for a Wind Turbine Group Obstruction

If you find any other changes on the Los Angeles Terminal Area Chart, please let us know!!! For a graphical representation of the chart changes, checkout our website, www.Lbflflying.com.

Check your flight cases to make sure you have the most current Los Angeles terminal area chart!

IT'S "CARBURETOR ICE" WEATHER!

No matter how many hours we have logged, that "carb ice" gremlin can sneak up and catch us by surprise. Whenever the cooling effect of the air flowing through the carburetor is sufficient to bring the temperature of the carburetor throat down to 32 degrees F or colder and there is sufficient moisture in the air. Specifically:

- If the outside air temperature (OAT) is between about 20 degrees F and 30 degrees F with visible moisture or high humidity.
- If the relative humidity of the outside air is high, even in a cloudless sky, with an OAT as low as 15 degrees F and as high as 100 degrees F.
- In the spring and fall, especially just after a rain.

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WHAT MAKES A "GOOD" LANDING submitted by RYAN DAVIS

We've all heard the saying "a good landing is one you can walk away from." This is true and comical, but leaves a lot of room for interpreting what a good, or even great landing is. When a student is getting prepared for their pre-solo stage check, or even when a pilot is working on getting their landings perfected, they all need to know what consists as a textbook landing. When looking at landings we need to analyze two different phases, the approach and the touchdown.

Another saying you may have heard is, "a good landing starts with a good approach." So true, but once again, what does a "good" approach mean? Lets look at some simple variables that add up to a perfect approach. After turning final you should have flaps in the final setting, the landing gear down, and the power set. With all of these items completed, you will be able to hold the appropriate approach profile more effectively. The approach profile in a majority of the Long Beach Flying Clubs aircraft are as follows; from a 1/2 mile from the runway to the landing flare airspeed will be 65 knots, descent rate will be 500 feet per minute, and the airplane needs to be aiming towards the runway numbers. With all these elements inline, you're now ready for the touchdown.

For a landing to be great, the touchdown needs to occur during the first third of the runway. Also when touching down, the runway centerline needs to be between the main landing gears. A lower standard that I feel is acceptable is landing closer to the centerline than the runway edges, but this is an absolute limit. Another component of the touchdown is landing with the mains first. NEVER SHOULD THE AIRPLANE LAND NOSE GEAR FIRST. And lastly, after touchdown the aircraft must not lift of the ground again.

As simple as all this appears, it will more than likely take a great deal of effort to have perfect and consistent landings. Nevertheless, you now have some very clear cut guidelines that you can follow to keep the gold in your teeth intact, and keep the ELT silent.

CONGRATULATIONS!

ACCOMPLISHMENTS			
RENE TRUJILLO	First Solo	C-152	CFI BRIAN HERSHER
BOYKE AIRLANGGA	Private	C-172	CFIs VASANDANI/BEBENSEE
YUKI TARIGAN	Private	C-172	CFIs VASANDANI/BEBENSEE
JOHN BARBOUR	Instrument	C-172	CFI MONTY GROUTAGE
IRVING CONTRERAS	Instrument	C-152	CFI RYOTA SUZUKI
ROBERT MARSH	Instrument	C-172	CFI MONTY GROUTAGE
LILY IGE	Instrument	C-152	CFI RICHARD GARNETT
WILLIAM LENAGHAN	Commercial Single	ARROW	CFI HANK SURFACE
WILLIAM LENAGHAN	Commercial Multi	Seminole	CFI AARON KRIEGER
SUMESH VASANDANI	CFII	Warrior	CFI CHRISTOPHER BEBENSEE
LORENZO BOLOGNESI	CFII	C-152	CFI RICHARD GARNETT

NEW & REJOINED CLUB PILOTS! WELCOME!



- MARK ANDERSEN
- BRETT BARRETT
- MARK BISHOP
- HYUN-WOO CHO
- HAN YUN CHOI
- JIN YOUNG CHOI
- WON-SEOK CHOI
- ALBERTO CORNEJO
- JOHN FISHBURN
- HYUN SOO HAN
- GEORGE HANNIFF
- HYEWON JANG
- HONGYE JI
- GOO WAN JUNG
- MINJUN KIM
- JYU RI LEE
- KUNG-JEN LIN
- GREG LONG
- KEVIN MCGREW
- ALONSO MIRANDA
- TAYLOR MULLIN
- JEREMY OJERHOLM
- SUN MIN PARK
- BLAIR RAGSDALE
- AARON SEATO
- SAM SEDIVY
- DA HYUNG(DAVID) SHIM
- TOMASZ SIEMBIDA
- KAJIRO UENO
- THEODORE WARREN
- BRIAN WROBLEWSKI
- SAE YOUNG YOON

CONGRATS to RICHARD GARNETT, top CLUB CFI for June, logging the most hours of dual given in club aircraft! Runners-up were ABHISHEK MUDGAL and SUMESH VASANDANI!

TOP GUN AWARD goes to ALI MOGHNIEH for logging the most flight hours in club aircraft in June! Runners up were FUMIYA MATSUMOTO and LING HSU!!!

From page 1

In other words, carbureted engines are susceptible to icing almost any time.

It is of the utmost importance to keep a sharp eye on engine performance at all times. At the slightest hint of deteriorating power (decreasing RPM) carburetor heat should be used. Advisory Circular 20-113 concerning precautions for induction and fuel system icing is helpful. Carburetor heat will keep carb ice from forming if applied early enough, often enough, and long enough.

Always follow the manufacturer's recommendations for the make and model aircraft you are flying. Generally:

1. Pull the carburetor heat knob FULL ON
2. Maintain heading and altitude, but no slower than best glide
3. Adjust the throttle and lean the mixture frequently to keep the engine running as smooth as possible

NOTAM: Club pilots wishing to write articles for our monthly newsletters would be greatly appreciated! Many thanks to Ryan Davis for the help with this month's newsletter!

NOTAM: The Redbird TD2 BATD is certified and ready to log instrument currency!!!

NOTAM: Many thanks to all who responded to our Runways 16L/R survey last month. We're compiling the data and will report back shortly!

CALENDAR

AUG 17:	Flabob Airport - 3rd Saturday Aircraft Displays & Car Show, www.flabob.org .
JUL 30:	Long Beach Flying Club and the Long Beach Airport Association GENERAL MEMBERSHIP MEETING will be held at the AirFlite facility on Taxiway Bravo at the end of Wardlow Road. A buffet will be served, sandwiches, fruit and dessert, beginning at 6:30 PM with the program beginning at 7:00 PM. Everybody is welcome to attend -- we hope to see you there! This meeting will count toward CFI credit for this month!
AUG 11:	Brown Field 2nd Sunday Fly-In, San Diego Flight Museum, www.aerospacemuseum.org
AUG 4:	Santa Paula - Aviation Museum of Santa Paula First Sunday Open House and Vintage Aircraft Fly-In. Contact: 805 525 1109 www.amszp.org .
AUG 10:	Catalina Aero Club DISPLAY DAY FLY-IN Saturday, 10 am to 2 pm. Aircraft built 1961 and earlier land FREE! Historical aircraft display sign-offs. Buffalo Burgers at DC-3 Grill! Meet other pilots and Aero Club members. Contact: 714.751.9420.
AUG 11:	Whiteman Airport Second Sunday Open House, Whiteman Airport Association. Contact: www.whpsafety.org/display.html
AUG 18:	Brackett Field (POC) Third Sunday Antique Aircraft Display — classic cars, and biplane rides. FREE. Fly ins welcome, historical sign offs. Restaurant on-site. Plenty of airplane and vehicle parking.10-3PM. Contact Yvonne, 626-576-8692.
AUG 28:	Long Beach Flying Club CFI meeting from 6:00 pm to 7:00 pm. We will be opining club challenges and opportunities, discussing of regulations, training procedures, and other aspects of flying. Join us for an inspirational and educational hour!
JUL 28:	Agua Dulce Airport BBQ & Fly-In from 1100 am to 2:30 pm. A wide range of modern and vintage aircraft often fly into Agua Dulce Airport (L70). All planes welcome -- Fly over for some great Texas style barbecue, the trimmings, friends and fun. Cost: \$5.00. Info: www.airnav.com/airport/L70 or dulceair@sbcglobal.net .
AUG 3:	Chino Monthly Event includes seminars and, weather permitting and whenever possible, flight demonstrations by appropriate aircraft. Seminars start at about 10am and last till about 2pm and occur on the first Saturday of every month. Contact 909.597.3722.
JUL 18:	Long Beach AIRPORT ADVISORY COMMISSION Meeting at Skylinks Golf Course at 4:00 PM. 4800 East Wardlow Road, Long Beach, CA 90808
JUL 18:	LGB MONTHLY TOWER TOUR!!! Begins at 1:00 PM. Contact the club, 562-290-0321 to sign up.
AUG 13:	SCAUWG (Airspace Users Working Group) meets at AirFlite at 10:00 AM.

HAPPY JULY BIRTHDAYS



- ERIC ALFORD
- CAM BARNES
- DAVID BOWDEN
- MICHAEL BURGAN
- IRVING CONTRERAS
- ALBERTO CORNEJO
- ANDREW DAVIDSON
- MAXIM ESHKENAZY
- WILLIAM FINKEN
- ROBERT GARRETT
- ANDREW GROVER
- JASON GROW
- RUWAN GURUGE
- KEVIN JACKSON
- AXEL KOLLESBERGER
- RUDI LIMICH
- ROBERT MARSH
- JOE NALBACH
- MICHAEL OLIVIERI
- ALEX ORLOFF
- CHRISTELLE
- ROCHCONGAR
- SAM SEDIVY
- CHESTER SEVILLA
- RYOTA SUZUKI
- YUKI TARIGAN
- RENE TRUJILLO
- HAIRULIZAD (RUL) YACOB



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ORDER TODAY! Long Beach Flying Club Polo Shirts in Navy, Black or Gray. Sizes small, medium, large, or X-large. We also have hooded sweatshirts in black or gray. We'll need your choice of color and size when you call us at 562.290.0321 with your credit card number. Download from www.LBFlying.com or Email shirts@Lbflying.com an order form of our complete line of pilot shirts. Shipping and handling \$4.95 per order, CA residents add 8.25% sales tax.

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We stock a host of aviation books, shirts, charts, and other pilot supplies, along with aviation-themed Christmas tree ornaments, mugs, clocks, . you name it!

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GIVE THE GIFT OF FLIGHT!

A Long Beach Flying Club gift certificate for any denomination you wish, be it for the first flight, pilot supplies, or aircraft rental, makes a great gift for any occasion!

There are three ways to obtain the gift of flight:

1. Stop by and pick up a gift certificate during our office hours (8:30 am to 4:30 pm daily). You can purchase accessories to go with the gift certificate such as a visor, aviation mug or LBFC logo shirt.
2. We can send you a preprinted gift certificate for any denomination you wish -- just give us a call! We'll charge your credit card and get the gift certificate in the next out-going mail.
3. We can email you a gift certificate. Send us or call us with a credit card number to activate it for any denomination you wish. You will be given a Gift Certificate number to fill in at the bottom of your printout.

It's just that easy to give a unique and treasured gift. Keep it in mind for upcoming birthdays or anniversaries!

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DISCOVERY FLIGHT

\$99 for one, two or three in a C172 or Warrior
Fly with an FAA Certificated Flight Instructor - you fly the aircraft!

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AERIAL TOUR OF LA'S FAMOUS LANDMARKS

\$195 for a 60 minute tour for 1, 2 or 3 people
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 Dodger Stadium * Hollywood Sign * Beverly Hills * Getty Center * Palos Verdes * Queen Mary

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