



Hangar Talk

Northern Palm Beach County Experimental Aircraft Association
Chapter 203, Inc., November 2012

THE NEXT EAA CHAPTER 203 MEETING will be held at North County Airport in the Palm Beach Avionics hangar at 6:30 PM on Wednesday, November 14th, 2012. From the junction of the Beeline Highway (SR710) and PGA Blvd (SR786) go 2.6 miles NW; turn left at the airport sign, cross the train tracks. Follow the road to Jim's hangar, which is on the left-hand side before you get to the FBO terminal

Can You Identify This Aircraft?



The answer will be in next month's "Hangar Talk"

Happenings

By Joe Scaglione

November Member Meeting

The meeting will be at **Jim Cook's Palm Beach Avionics** hangar at 6:30 PM, and will include hot dogs and hamburgers. The featured speaker will be from **Tri-Nav**, a provider of aeronautical charts, and will include a discussion of the new charts. Some time will be spent on a refresher with information on how to best use the charts. Tri-Nav's website address is:<http://www.trinavcharts.org>

Christmas Party

The party will be held in conjunction with a brief member meeting at 6:30 PM on **Friday, December 14th** at the **Tall Tales Restaurant** in the **Gander Mountain Plaza** in Palm Beach Gardens. Those planning to attend should **RSVP** to **Steve Sinclair** no later than **December 10th**. Steve can be reached by email or phone at ssinclair@secopbg.com or 561-758-2911.

The cost will be \$15 per person for members and one guest, and \$25 per person for non-members. Payment may be made at the door. However, **RSVP** is essential to enable planning for the number of attendees.



The November Issue of Experimenter is Now Online!

Feature Highlights:

- [Mike Finney's Clipped Wing Cub, p. 14](#)
Building a Cub to your style
- [Reno's Racers, p. 20](#)
Like the rest of us, only faster
- [Keith Kreth Builds a Flight of RVs, p. 30](#) His story in 'What Our Members are Building'
- [Flight Testing Techniques, p. 50](#)

Ed Kolano explains how to set up for running your airspeed tests
And much more!

The digital edition is fully compatible with most Web browsers, no special software is needed. You can also download a PDF for reading offline on your computer, laptop, or other mobile device.

This was sent from: Experimental Aircraft Association, Inc.
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This link should take you to the Digital Experimenter:

http://www.eaa.org/newsletters/1211_experimenter.html?utm_source=iContact&utm_medium=email&utm_campaign=Experimenter&utm_content=1211+experimenter



OPA-LOCKA TOWER LETTER TO AIRMAN NO. 12-01

Notice Number: NOTC4409

ISSUED: October 26, 2012

EFFECTIVE: November 1, 2012 @ 1100 UTC

OPA-LOCKA TOWER LETTER TO AIRMAN NO. 12-01

SUBJECT: New Tower Operational and a change to the tower frequency.

CANCELLATION: November 15, 2012

Effective Thursday, November 1, 2012 at 1100 UTC, the new Opa-Locka Tower will commence operation.

Please note that the following frequencies will no longer be in use effective November 1, 2012 at 1100 UTC: Tower frequencies 120.7, 118.6, 336.4, and 360.8.

The new tower frequency will be 134.675.

Gary Barton

Air Traffic Manager

Opa-Locka Tower

www.opfatctower.com



Dear Floridians,

SUN 'n FUN is more than just an annual Fly-In. We are proud to say that we have made a commitment to the future and we are “Building a Brighter Future through Aviation.” With your help, we will more widely tell the story of our unique year-round presence in central Florida. Please visit our website at www.sun-n-fun.org to find out more about our summer camps, student weekends, Wings 'n Things and Future Eagles.

Did you know?

- SUN 'n FUN gives \$1.4m to education in Florida.
- Did you know that students in Polk County maintaining a 2.75 GPA can get flight lessons for free? 75% of the cost is covered by SUN 'n FUN through Fly-In proceeds, benefactors and funds raised at special events. The remaining 25% of the cost of flight lessons can be paid or covered by the student volunteering at SUN 'n FUN.
- Sponsors, advertisers, and exhibitors offer on-going support for us to continually offer programs. Their signage is on our grounds because of their support.
- Pilots are donating time and even their aircraft for young persons with curious natures to experience a “first flight.”
- Parents and siblings are among the 3,000+ volunteers making a difference on our campus - YEAR ROUND.

You can drive in or fly in anytime. BUT, you can stay longer in your motor home with full hook-ups or even tent camp. You can stay at local hotels in the Lakeland area! We have facilities rentals for your own personal or business event, but we have arranged to have one or two events strictly for your enjoyment. All the proceeds from the events go back to the youth and adult education programs on our campus. And, for them to be a true success, we need you! Consider attending or tell a friend about the activity at SUN 'n FUN during the next two months.

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November 9, 2012 - The 3rd annual Hangar Door Canteen

This year the event will have a MASH (Make Aviation Scholarships Happen) theme. Come as your favorite military “character” and participate in the dancing, dinner and auctions. Click here for more info...

November 10, 2012 - the 1st annual Veterans Tribute Concert

The Imperial Symphony Orchestra - 80 piece orchestra will be on our campus at the flightline with patriotic and pops music featuring the Southeastern University Choral Ensemble, a Marine Corps Birthday Ceremony and Manfred illuminating the dark skies in a glider. Children 17 and under free. Box dinners can also be ordered on the website. Click here for more info...

December 1, 2012 - the 1st annual Fly-In Barbeque - When Pigs Fly South

The BBQ challenge is on. Several of the teams competing will sell their samples as southern fare is offered on the campus. See classic cars and motorcycles and enjoy the music. Pilots are encouraged to fly in to attend this first event from 11 a.m. - 5 p.m. Click here for more info...

Mark your calendar! Event details are listed on our website and you can make reservations there, too. Watch the website for monthly fly-in dates where special guests are making aviation presentations throughout the year. Consider becoming a new volunteer! We have a great environment for you to enjoy aviation while you nurture your children or grandchildren. Watch for information on the Skyward Festival in downtown Lakeland on March 1, 2013 and make plans now for the 39th Annual SUN ‘n FUN International Fly-In & Expo, April 9-14, 2013.



*John R. “Lites” Leenhouts
President and CEO
863-644-2431*

SUN ‘n FUN’s mission is to preserve and enhance the future of flight through world-class events, inspiring and educating people of all ages. SUN ‘n FUN Fly-In, Inc. is a 501c3 corporation.

Here's the answer to last month's Aircraft Identification Question

De Havilland Mosquito

The first person to correctly identified the Mosquito was **Doug Carson**.



The **de Havilland DH.98 Mosquito** was a British multi-role combat aircraft, with a two-man crew, that served during the Second World War and the postwar era. The Mosquito was one of the few operational, front-line aircraft to be constructed almost entirely of wood and, as such, was nicknamed "The Wooden Wonder". It was also known affectionately as the "Mossie" to its crews. Originally conceived as an unarmed fast bomber, the Mosquito was adapted to many other roles during the air war, including: low- to medium-altitude daytime tactical bomber, high-altitude night bomber, pathfinder, day or night fighter, fighter-bomber, intruder, maritime strike aircraft, and fast photo-reconnaissance aircraft. It was also used by the British Overseas Airways Corporation (BOAC) as a transport.

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General characteristics:

Crew: 2: pilot, navigator/radar operator

Length: 41 ft 2 in (13.57 m)

Wingspan: 54 ft 2 in (16.52 m)

Height: 17 ft 5 in (5.3 m)

Wing area: 454 ft² (42.18 m²)

Empty weight: 13,356 lb (6,058 kg)

Loaded weight: 17,700 lb (8,028 kg)

Max. takeoff weight: 18,649 lb (8,549 kg)

Powerplant: 2 × Rolls-Royce Merlin 21/21 or 23/23 (left/right) liquid-cooled V12 engine, 1,480 hp (21 & 23) (1,103 kW) each

Performance:

Maximum speed: 318 kn (366 mph, 610 km/h) at 21,400 ft (6,500 m)

Range: 782 nmi (900 mi, 1,500 km) with 410 gal (1,864 litre) fuel load at 20,000(6,100)

Service ceiling: 29,000 ft (8,839 m)

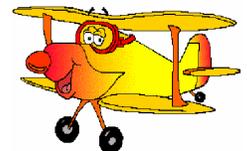
Rate of climb: 1,740 ft/min (8.8 m/s)

Wing loading: 39.9 lb/ft² (195 kg/m²)

Power/mass: 0.189 hp/lb (311 W/kg)

Armament:

Guns: 4 × 20 mm (.79 in) Hispano Mk II cannon (fuselage) and 4 × .303 in (7.7 mm) Browning machine guns (nose)



Sport Pilot & Private Pilot Ground School

1. When must a pilot who deviates from a regulation during an emergency send a written report of that deviation to the Administrator?

- A. Within 7 days.
 - B. Within 10 days.
 - C. Upon request.
-

2. The suffix 'nimbus,' used in naming clouds, means

- A. a cloud with extensive vertical development.
 - B. a rain cloud.
 - C. a middle cloud containing ice pellets.
-

3. A blue segmented circle on a Sectional Chart depicts which class airspace?

- A. Class B.
 - B. Class C.
 - C. Class D.
-

4. If a flight is to be made on a course to the east, with a wind blowing from northeast, the airplane must be headed

- A. somewhat to the north of east to counteract drift.
- B. south of east to counteract drift.
- C. north to counteract torque.

(Answers are on pages ten and eleven.)

Sport Pilot & Private Pilot Ground School

1. Answer C is correct.

CFR 14 Part 91.3 states:

In an in-flight emergency requiring immediate action, the pilot in command may deviate from any rule of this part to the extent required to meet that emergency.

Each pilot in command who deviates from a rule under paragraph (b) of this section shall, upon the request of the Administrator, send a written report of that deviation to the Administrator.

Reference: 14 CFR § 91.3

2. Answer B is correct.

AC 00-6 states:

The prefix nimbo- or the suffix -nimbus means rain cloud. Thus, stratified clouds from which rain is falling are nimbostratus.

Reference: AC 00-6

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3. Answer C is correct.

A blue segmented circle on a sectional chart depicts class D airspace. Class D airspace represents that airspace around the smallest / least busy airports to have a control tower. Typical class D airspace is a simple cylinder of air of a radius of 4 or 5 nm centered on the airport from the surface to 2500 feet AGL (above ground level).

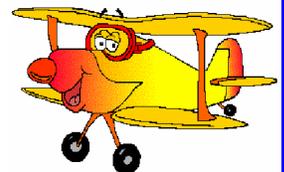
Class C airspace on a sectional chart is indicated with thick magenta (pinkish) lines. Class B airspace on a sectional chart is indicated with thick cyan (bluish) lines.

Reference: Sectional Chart Legend

4. Answer A is correct.

In this case, we have a wind coming from our left. We must turn into the wind (or slightly more to the north) to counter the drift.

Reference: FAA Subject Code: H982 - Effect of Wind - (refer to Navigation.)



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Membership Chair	Jim Cook
Young Eagles	Rick Golightly
Librarian	Ana Scaglione
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Newsletter	Orville Alwin

TECH COUNSELORS

Composite and FWF	Bill Perry
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MEETINGS

The Chapter normally meets monthly at 6:30 PM on the second **Wednesday** of each month at Palm Beach Avionics hangar at North County Airport. Guests are welcome to attend two meetings, but are expected to join the Chapter at the third. Dues are \$30.00 per year.

NOTICE

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NEWSLETTER

Contributions need to be in the editor's hands by the last Wednesday of the month preceding publication, unless the moon is full, in which case the deadline is the Thursday preceding the first Wednesday prior to the next scheduled meeting. Be an author! Send us something!

Other Stuff

Board of Directors Meeting

Please contact President **Steve Sinclair** for time and place of the November Board meeting.

Editor's Report

November 2012 Newsletter:
89 Email Notifications Transmitted

Membership

34 Current Paid Members
04 Honorary Members

Advertising

Two and one-half column-inches costs \$5.00 per month. A half-page ad is \$15.00 per issue. Digital artwork or photos are preferred. Contact the editor for further details.

Chapter 203 members with email addresses on file will receive email notification of the link to the on-line "Hangar Talk". Send your email address to the editor at sailair@alwin1.com, 561-427-4538 (cell phone), or 638 N US Hwy 1, #153, Tequesta, FL 33469.

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