

 <p>EAA Chapter 190</p>	<h1 style="text-align: center;">PROPWASH</h1> <p>PROPWASH is published for the dissemination of information for and about the members of Chapter 190 of the Experimental Aircraft Association (EAA). President Aaron Wypyszynski, Vice President Wes Conkle, Secretary Charles P. Cozelos, Treasurer Bryan Tauchen, Web-Master Jamie Dodson</p> <p style="text-align: center;">http://eaa190.com/</p>	 <p style="text-align: right;">August 2015</p>
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Photo of the Month:



Now, that's an Alabama fan!!!

Presidents Message:

Aaron Wypyszynski – EAA # 579057

Wow, it has been a busy and fast last month! Many people headed up to Oshkosh and there was a great turnout this year! Over 10,000 airplanes and 500,000 people! The airport was so full that for a while on Tuesday it was closed to arrivals. It was the busiest year in 10 years at Oshkosh this year! For those that were not able to make it, check out this great video that EAA put together:

<https://www.youtube.com/watch?v=AkG4TR3KQ9s>

At this month's chapter meeting we will be having a special guest speaker, Sara Wheat who will be discussing her experiences as a HALO (high altitude low opening) skydiver. We will also share some of the highlights from Oshkosh this year. Prior to the chapter meeting, we will be having a Fly-In planning meeting.

Hope to see you at one of this month's activities!

Activity	Date	Time	Location
Fly-In Planning	Tuesday Aug 11 th	6:00pm	Moontown FBO
Chapter Meeting	Tuesday Aug 11 th	6:30pm	Moontown FBO
Moontown Pancake Breakfast	Sat. Aug 15 th	8:00-9:30am	Moontown FBO

Minutes of Last Meeting:

Charles P. Cozelos – EAA # 63381

EAA Chapter 190 Meeting 14 July 2015

Members in attendance:

Andrea Atwood
Jerry Barnett
Hannah Brock

Lisa Brunegruff
Charles P. Cozelos
Jim Harchanko

Jean Jaques
Aaron Wypyszynski
George Martin III

Call to Order:

6:25 pm for Fly In Meeting.

Call to Order:

6:50 pm for General Meeting

PROPWASH isn't out on the website yet so:

The minutes as posted in PROPWSH will be addressed in the next meeting.

The Treasurers Report as posted in PROPWASH will be addressed in the next meeting.

Old Business.

The Web Site has been down. It was reported that the subscription had run out. It has now been renewed and will be checked to verify all the missing PROPWASH issues are available on it.

Aaron reported that he has found a distributor that can supply aluminum tables at a very reasonable price. A discussion followed on whether to get 24" or 30" tables. It was decided to go with the 30" tables. Aaron will be ordering the tables.

Aaron reported that he has found an \$700 projector and a \$1,400 projector for use by the chapter during monthly meetings in the FBO and during the Yearly Grass Field Fly In in September.

Motion made my Andrea Atwood to authorize Aaron to spend up to \$800 for the projector, any associated accessories and any shipping costs. Motion seconded by George Martin III. - Motion put to a voice vote – Motion carried.

Aaron reported that the company that provides the tables discussed earlier have a \$500 outdoor table that is aluminum and powder coated in various colors and sizes. Tables, sizes and colors were discussed.

Motion made by Charles Cozelos to authorize Aaron to purchase one 6' Blue table to use for a test to determine if the chapter wishes to order more to replace the rest of the wooden tables outside. Motion seconded by George Martin III. - Motion put to a voice vote – Motion carried.

New Business.

An upcoming trip to Tullahoma (THA) on October 10th was discussed.

Meeting Adjourned: 7:23 pm.

Treasurers Report:

Bryan Tauchen - 651954

July Treasurers Report

Date		Dep	Check	Balance
7/1/2015	Balance			23,684.19
7/18/2015	Breakfast (686. gross - 228 exp - 229 band)	229.00		23,913.19
7/31/2015	Ending Balance			23,913.19

Safety:

Wes Conkle – EAA # 633811

Young Eagles:

Aaron Wypyszynski – EAA # 579057

Thoughts:

Jamie Dodson – EAA # 1025923

Marine Corps Will 'Soon' Announce F-35 Ready for Initial Operations
Military.com, July 27 | Brendan McGarry.

The U.S. Marine Corps is expected to announce the F-35 Joint Strike Fighter is ready to fly initial operations in the near future, a general said.

During a conference call with reporters on Monday afternoon, Lt. Gen. Jon Davis, the service's deputy commandant for aviation, said the F-35B jump-jet version of the Lockheed Martin Corp.-made plane may "soon" reach the milestone, known as initial operational capability in military parlance.

"I would say soon, but . I'm not going to rush Gen. Dunford," Davis said, referring to Commandant Gen. Joseph Dunford, in response to a reporter who asked when a decision might be made. "Bottom line, he and I talked and he's a busy guy and he's working his way through that right now. But I'll tell you, we met all of our IOC criteria."

The F-35 is the Pentagon's most expensive weapons acquisition program, estimated to cost \$391 billion to purchase 2,457 aircraft for the Air Force, Marine Corps and Navy. The Corps plans to begin operational flights this year -- albeit with a less lethal version of the aircraft -- followed by the Air Force in 2016 and the Navy in 2019.

'IMPRESSIVE' KILL RATES

The Corps plans to buy a total of 420 of the fifth-generation stealth fighters, including 353 F-35Bs, the short-takeoff-and-vertical-landing (STOVL) versions that fly like a plane and land like a helicopter, and 67 F-35C variants designed for use aboard aircraft carriers, the general said.

During a recent operational readiness inspection, the aircraft -- armed with the GPS-guided Joint Direct Attack Munition and laser-guided GBU-12 Paveway II bombs -- performed well in such missions as armed reconnaissance, interdiction, opposed strike and close air support, Davis said.

"The exchange rates and the kill rates that we had against the adversary aircraft in a multi-mission profile was very, very impressive," he said. "They did very, very well -- great accuracy with the hits."

Indeed, Davis said he was surprised how the planes were able to execute a high-threat scenario for the armed reconnaissance sortie.

"We would never put a legacy platform -- an F/A-18 or a Harrier -- in that kind of threat environment, but these guys went and did it," he said.

For example, during the U.S.-led attack against Iraq in 1989, "going after those Scuds [ballistic missiles] in Desert Storm -- that was a high-profile target that we had to address first for strategic regions and if they had been defended by some high-end SAMs [surface-to-air missiles], it would have been probably prohibitive for us to go after them like we did," he said. "Now, you've got a radar and a sensor that would basically allow you to find those things a heck of a lot better and do that in a high-threat environment."

'MAKE DO'

Even so, Davis acknowledged that Marines will have to "make do" with a less lethal version of the airplane. For example, the early operational F-35Bs won't include a new night-vision helmet, Small Diameter Bomb II or GAU-22/A four-barrel 25mm Gatling gun -- or the ability to stream video or simultaneously fuse sensor data from four aircraft.

"I'd like to have full four-ship fusion, but I'll make do with a two-plus-two," he said, referring to a workaround in which sensor data from two aircraft are shared with another pair of aircraft via a Link 16 tactical data connection.

Davis said the workaround performed well in operational scenarios and that existing fourth-generation planes in the fleet don't have any so-called sensor fusion. He also said pilots convinced him that they could track targets at night using improved panels on the cockpit screen.

"I would have liked to have had the full four-ship fusion and the NVG full compatibility of the helmet, but I'll wait on that," he said. Many of the weapons improvements will be included as part of a future software upgrade, known as 3F, which is slated for fully operational F-35Bs in late 2017.

READY FOR DOGFIGHTS

Davis also defended the aircraft from criticisms that it can't outperform an F-16 in a dog-fight or A-10 in providing close air support to ground troops. "I love the F-16, I think it's a great airplane," he said. "I would not want to be in a fight with an F-35B against an F-16."

While the exchange rates from the operational readiness inspection are classified, he said, "We put a four-ship up against nine bad guys. It didn't go so well for the bad guys. It went poorly for the bad guys, all of them."

Davis acknowledged the F-35B isn't slated to receive its cannon until 2017. But he said the plane was able to perform close air support missions using the GPS and laser-guided bombs. "We used the kind of profiles we're using out there in Syria and they did very, very well," he said. "And unlike in Syria, we actually had some high-threat conditions out there, as well, where they did the close air support, did it very effectively in a medium- and a high-threat scenario."

"I am very confident that I could send them pretty much to pretty much anyplace in the world to employ this weapon systems in a close air support environment," he added. "My Marines would get the support on the ground from this airplane and I don't need a big support package to go in and clear the airspace for them. They'll be able to go in as a two-ship or a four-ship and be able to do the CAS we need to do without a big support package -- that is unprecedented."

Next Generation of Pilots:

Hannah Brock – EAA # 1018039.

After summer break and being back in school, I've noticed the huge difference between at the airport V.S at school so I decided to write my article about it this month.

At school they expect me to write about some things that don't really interest me but at the airport it's easier because I'm taking lessons by memory and it interests me and feels like an adventure. The down side is at school I feel safer and more at home because I know everyone and am familiar with my surroundings. At the airport I don't know where a lot of things are, and I don't know everyone there so I feel uncomfortable. I have kinda always felt that way but since I got older I have noticed I've become more self conscience about it.

I feel more at home at the airport in the FBO because I know where things are and that I belong there I am even more comfortable in an airplane or taking my lessons, however just walking around is when I am unsure of myself.

I did not intend for this to be my article for this month but as I started typing I began understanding why I get the way I have felt lately. so now I know what I need to work on because I want to be at the airport.....thanks for listening to me talking this out on paper which makes me understand that each of you feel like family!!!!!!!! XD

Projects Update:

Jim Harchanko	RV	www.flickr.com/photos/rvflyer03/sets/
Bob Wilson	Dragonfly	http://hiwaay.net/~bzwilson/dragonfly/index.html

Calendar of Events:

Aug 11	1800hrs Chapter Meeting	http://eaa190.weebly.com/
Aug 15	0730hrs Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Sep 15	1800hrs Chapter Meeting	http://eaa190.weebly.com/
Sep 19	Moontown Airport (3M5) Annual Grass Field Fly In Sponsored By EAA Chapter 190	http://eaa190.weebly.com/
Oct 13	1800hrs Chapter Meeting	http://eaa190.weebly.com/
Oct 17	0730hrs Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Nov 17	1800hrs Chapter Meeting	http://eaa190.weebly.com/
Nov 21	0730hrs Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Dec 15	1800hrs Chapter Meeting & Christmas Party	http://eaa190.weebly.com/
Dec 19	0730hrs Fly-In Breakfast at Moontown	http://eaa190.weebly.com/

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Jan 12	1800hrs Chapter Meeting	http://eaa190.weebly.com/
Jan 16	0730hrs Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Feb 16	1800hrs Chapter Meeting	http://eaa190.weebly.com/
Feb 20	0730hrs Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Mar 15	1800hrs Chapter Meeting	http://eaa190.weebly.com/
Mar 19	0730hrs Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Apr 12	1800hrs Chapter Meeting	http://eaa190.weebly.com/

Apr 16	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
May 17	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
May 21	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Jun 14	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
Jun 18	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/

Ports of Call:

Lawrenceville, GA	LZW	EAA 690	1 st Saturday
Rome, GA	RMG	EAA 709	1 st Saturday
Winchester, TN	BGF	EAA 699	1 st Saturday
Gallatin, TN	M33	EAA 1343	2 nd Saturday
Guntersville, AL	8A1	EAA 683	2 nd Saturday
Murfreesboro, TN	MBT	EAA 419	2 nd Saturday
Huntsville, AL	3M5	EAA 190	3 rd Saturday
Shelbyville, TN	SYI	EAA 1326	4 th Saturday
Fort Payne, AL	4A9	EAA 890	5 th Saturday

Hazel Green potluck 5:30pm 3rd Saturday each month.