

# Cockpit Clutter



Chapter 45 Newsletter

Experimental Aircraft Association

MAY 2017

EAA Chapter 45 web site <http://45.eeachapter.org>

**Next General Membership Meeting, This Friday, May 19<sup>th</sup>, 6:30 PM,  
Chapter Hangar**

Join us for  
Dogs, Burgers and  
a Movie



Note that the time is earlier for grilling; we will start the grill probably around 6:00PM so plan to be early to have a burger or a hot dog.

Get involved! At the upcoming Westmoreland County Latrobe Airshow, your Chapter 45 is sponsoring a booth so that we can hope to interest new folks to get interested in the EAA. This is very important not only to the growth of the chapter but also for new interesting, active members.... And the airshow is the place to get them interested. We plan to have several displays and also members to man the booth....

But we will also be rotating members around to man some sale booths as we have done in the past; this is one of the best ways for our chapter to make money and keeps us from needing to have heavy work projects like pancake breakfasts and prize ticket raffle sales (who wants to do that?)

**We need your help**, so make plans to spend some time at the airshow. You also get free admission to see the Blue Angels! June 24 & 25

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**JUNE 24 & 25**  
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*Arnold Palmer*

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With Respect  
Honor  
and Gratitude

**Thank You Veterans**

A



Invented during WWII and offered later to various governments, this version was built for the United States in the early 1970's by Dornier. The inventor was Dr. Alexander Lippisch and he is known for not only inspiring tailless airplanes such as the WWII ME-163 rocket fighter, but also for brilliant understanding and teaching of aerodynamics. This Lippisch Aerodyne was somewhat unstable due to a small wing area and it relied on thrust for almost all control. In today's computer world, it would have been viable but jet power and helicopters were so highly developed by this time that the Navy lost interest. Lippisch died in 1976

In last month's newsletter, I asked "did any of these planes actually exist? If any of them did, who was the inventor? And did it actually get off the ground?"

Paul Jencka was the only person to respond and he had two out of three guessed correctly. By the way, they all flew, and were all ducted fan thrust.



C

From Wiki: The **Stipa-Caproni**, also generally called the **Caproni Stipa**, was an experimental Italian aircraft designed in 1932 by Luigi Stipa (1900–1992) and built by Caproni. It featured a hollow, barrel-shaped fuselage with the engine and propeller completely enclosed by the fuselage—in essence, the whole fuselage was a single ducted fan. Although the *Regia Aeronautica* (Italian Royal Air Force) was not interested in pursuing development of the Stipa-Caproni, its design was an important step in the development of jet propulsion.

B

And the one Paul did not guess was the **Coandă-1910**, designed by Romanian inventor Henri Coandă, was an unconventional sesquiplane aircraft powered by a ducted fan. Called the "turbo-propulseur" by Coandă, its experimental engine consisted of a conventional piston engine driving a multi-bladed centrifugal blower which exhausted into a duct. Coandă claimed later that it flew a bit...





## **TENTATIVE CALENDAR OF EVENTS 2017**

Planning and setting of dates are typically done by your board of directors at the beginning of the year and sometimes change. Unless noted, meetings are held at the chapter hangar at Rostraver Airport. Hangar is C1

### **May 19<sup>th</sup> – General Meeting**

**JUNE 9th - Board Meeting 7:30 PM**  
Directors and Board Meeting at Rostraver. All are welcome to attend our business meetings.

**JUNE 24-25<sup>th</sup>** Latrobe Airshow and your chapter has a part in it! See article

Monday night workshop / build nights are **EVERY** Monday night

check out the meeting web site for any important updates

<http://imapilot55.wix.com/ch45>

**Join us at the  
Latrobe  
Westmoreland  
County Airshow -  
FREE Admission for  
Chapter 45  
participants !!**



### **2017 Chapter 45 Officers**

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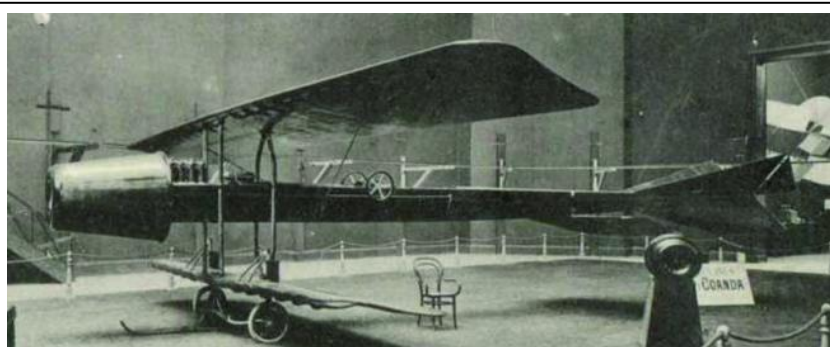
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**Coandă-1910**