



# Team Rocket

[www.F1Aircraft.com](http://www.F1Aircraft.com)

Team Rocket Newsletter March 20, 2019

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- New F1 Rocket flies!
- Rare F1 Evo for sale.
- New flap drive kits being developed.
- RV-9A for sale





### **Robert Thurmond's new F1 Rocket has flown!**

This is aircraft #2 to fly using new production kit parts. Robert had some assistance with the airframe from Loyd Remus' shop in Colorado to get the pile of parts to the QB stage. After that, he was able to finish it in his shop in south Texas. What a beautiful machine he has created!

One unique thing that Robert did was to use rolls of fiberglass insulation to surround the fuselage while it was being transported from Colorado to Texas. If you ask me, that's just plain genius, particularly if you're also planning to insulate your shop!

Robert's F1 Rocket is using a Lycoming IO-540, 2 blade blended airfoil Hartzell prop, PCU5000 governor, and one of the new Condor tailwheel pneumatic tires from Blake at [www.flyboyaccessories.com](http://www.flyboyaccessories.com) Unfortunately, I don't have any interior photos or panel information.... maybe next month.

I did receive a brief pirep on the first flight:

*# 188 is officially a flying machine. I used partial power to get a feel for the aircraft trim. I powered up to 25/25 at pattern alt and was indicating 193kts. I have a little bit of a heavy left wing that I'll get rigged out. I'll get better pics when the sun come out. Robert*

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We're working on a new, completely **beneath the floor, flap drive mechanism**. We can't claim this idea. It came from Paul Romano, with help from Ray Ward.

As you can see in this photo of the PROTOTYPE, being installed in my fuselage, there is a linear actuator to drive a short arm attached to the torque tube that moves the flaps.

This is a prototype! Don't even think about copying what you see. There are a couple of things that need tweaking. And there are no limit switches installed anywhere yet. However, there are two of these systems already flying and they are working just fine.

The final kits will have a 2-piece torque tube that utilizes a bolted splice tube in the middle. This will allow installation without the hole in the side rib that you see here. It will also

allow removal, if necessary.

The beauty of this system is that it doesn't interfere with anything in the cockpit. No linkages are protruding above the floor to pinch headset cords, and there are no holes in the floor to leak air!

It is also possible to interface the linear actuator with various Garmin, and probably other EFIS systems.

We expect to be able to offer these to both new builders and as retrofit kits. We don't have a final price, but it likely will be in the \$850 range. More later....

Vince



**Rare F1 Evo for sale:**

- 1 F1 Evo 153 - completed 2010
- 2 No damage history

- 3 Aerosport Engines ported and balanced factory new Lycoming IO 540 D4A5, 285 HP, 145 hrs TT since new.
- 4 Aspen EFD 1000 Pro PFD with weather & traffic.
5. Aspen MFD 1000 Pro MFD with PFD reversion standby capability
6. Garmin GNS 530 nav / com
7. Garmin SL-30 Nav / com with glideslope
8. Garmin GTX-327 digital transponder
9. Tru Trak Sorcerer A/P with auto pitch trim
10. JPI EDM 930 engine monitor, with remote RAD display
11. PS Engineering PMA 8000 audio panel with Sirius
12. AK-35 encoding altimeter
13. RCA 26 AK-2 electric artificial horizon.
14. MD200-306 OBS indicator
15. AOA Pro angle of attack indicator

Asking \$219K USD.

Annual is being completed with ELT cert, and static check.

Pre-purchase inspections welcome. You would have access to the people who worked on this project, including the AME who assisted.

For more information, contact Paul Laidlaw at 519 615-2910

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Many more photos of this aircraft can be seen at:

[Dropbox Rocket photos](#)





Ron Jennings recently passed away. His beautiful RV-9A is for sale. The aircraft is located in Evansville, IN. We're happy to help the family. For more information, refer to the PDF file below.

[Ron Jennings RV-9A info PDF](#)

The PDF is also on the Dropbox link previously mentioned above.

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We currently have an RV-8 tail kit available. The kit is located in Mount Vernon, IN at our shop. It has a transferrable Van's kit numbers assigned to it

The RV-8 tail kit is still in the Van's box. \$1200.

Contact Vince for more info.

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Until next time, fly safely and build on!

Thanks,

Vince Frazier  
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