



EAA Chapter 302 IMC/VMC Safety Forum April 12th, 2017 Meeting Notes



Chapter 302 IMC/VMC website: [HTTP://eaa302.org/imcvmc.htm](http://eaa302.org/imcvmc.htm)

The purpose of the IMC/VMC Safety Forum is to promote Safety and Proficiency in our flying. It's a support group to connect experienced pilots with less experienced and provides helping hands to our flying family in the IFR system. Our meetings are about learning from each other and sharing our flying experiences through organized hanger flying. We encourage pilots to get out and fly and have fun. We encourage both IFR and VFR Pilots attend.

April Meeting:

- **16 attendees discussed equipment, scenarios and Single Pilot Resource Management (SRM). 3 CFIs Mike Barnett, Mike Barksdale and Brandon Ray. Thank you everyone for your input.**
- **Jim K, Vickie/Wyn, David, and Dan. We missed you. Great to have you back.**
- **Aimee M. Congrats for earning your Instrument Rating.**
- **Wyn, I know I'm late but congrats on earning your Instrument rating as well as passing your ground instructor written.**

Moving forward in our meetings, let's keep (SRM) in the forefront of our mind during discussions.

Announcements:

- **New!!!** EAA has made it official, VMC is now it's own club as well as the IMC Club. The VMC website and scenarios are in the national EAA website. Chapter 302 is combining the VMC club with the IMC club. Our IMC club has always had a VMC component in the meetings to encourage the attendance of folks from all walks of Aviation life and to nurture a learning and safety environment for all. We've demonstrated this by including speakers from ForeFlight, ATC etc; and building our themes around Single Pilot Resource Management (SRM). So, we'll move forward as **IMC/VMC Safety Forum**. It's all about Safety and Flying.....
- **NEW!!!!** Chapter 302 is revamping its website to include IMC/VMC Safety Forum Material and meeting notes for you to reference at any time. Please go there and use it....
- Brenham restaurant re-opening in June (I called and confirmed)!!



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Announcements: (Continued)

- Chapter 302 need your suggestions for Events, Gatherings, Flyouts etc to Add Value to being a member of Chapter 302.
- Information and Survey coming out for June 17th “Date Night” Event. The Venue will feature a band (TBD), dance (no Break Dancing please), and great food!
Please participate in the survey to help us finalize the festivities.
- **Subscribe Now to the IMC Advisor via:** <http://www.eaa.org/en/eea/eea-news-and-aviation-news/eea-aviation-newsletters>

Safety Moment & Tip of the month: (Tommy Fankhauser)

- **Jammed Fuel Selector**
- Safety Moment: Fuel Selector Valve impaired movement in flight. Lateral learning discussion of Tinnerman nut falling in the right/wrong place impairing movement of fuel selector valve from Right tank to left tank. See details on IMC website under “Lateral Learnings”.

IMC Scenario Video

Emergency Management: Incident Study case of Loss of Vacuum pump and Decisions leading up to Fatal Crash.

https://www.youtube.com/watch?v=kF_x4IU8Ig4&index=3&list=FLhhekyM0RZVqel87aU752AQ

Discussion Notes and Take aways:

1. Don't be complacent about your competency to fly approaches, partial panel and make judgement calls about your personal Minimums.
2. Don't let anyone talk you into something you aren't prepared to do. (busting your personal Minimums)
3. The pilot in the scenario didn't go with his first instinct to go back to VFR Wx. I like David's equipment list. *Most important tool in the plane is the Credit card to stay overnight somewhere and wait for better conditions the next day.* If the pilot in scenario would have stayed overnight somewhere his family would still be able to give him a hug.
4. As we've discussed and talked about before, Declare an Emergency!!! You will receive priority handling from ATC.



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5. Know where your VFR weather is. Don't be too proud to admit you're not up to flying the approach. Exercise the use of the 180' degree turn...
6. Develop and stick to your personal Minimums.
7. Use your resources on the ground to help you achieve your goals. Rule #1 of SRM (Single Pilot Resource Management)
8. Practice IFR flight on VFR Days as well. File everywhere you go.
9. Practice approaches using your Back up Electronics / Resources.
10. If in trouble climb to VFR weather if you know where it is.
11. When a vacuum pump fails, it could take as long as 4-5 minutes to spool down. If you see your attitude indicator (AI) and Gyro Compass acting strangely check your Vacuum pump.
12. Have warning lights installed in your direct field of vision to immediately alert you of Vacuum pump and Alternator Failure. Best \$350 you'll ever spend!!! Also note, dry vacuum pumps last about 500 hours. Longer than that you're on borrowed time.
13. Practice partial panel to your next destination by hand flying with a safety pilot while wearing foggles or a hood.

