



pilots'world

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Cirrus Monthly Proficiency Program

3 part series on IFR operations

Part 2: Single Pilot IFR: Calm, Cool and in Control

Flight Segment

Objective

The flight portion for the September CIRRUS Monthly Pilot Proficiency program is designed to increase your knowledge and ability to 1) fly with normal and problem PFD indications; and 2) use the airplane's avionics integration to help lessen pilot workload.

You should complete the following exercises only in good VFR weather conditions, and with a CSIP instructor.

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Use the information presented in the Ground Segment to practice flying the airplane with normal and abnormal indications on the PFD. To make the Flight Segment as realistic as possible, conduct a VFR cross-country day flight.

You should practice PFD failures during the cruise phase of flight with ample time to divert attention to the simulated failure. Take time to think how you would handle the simulated failure if it were to happen to you in that given situation and location in IFR conditions. If you deem it necessary to divert, follow through with the diversion procedure for good practice.

Continue to maintain good personal and weather risk assessment as outlined in Section 13 of the Customer Training Guide.

Items to simulate in the air

1. Dim the PFD brightness to a level where you will not be able to see the display and practice flying the airplane with reference to the back-up instruments. Practice straight and level, standard rate turns and climbing and descending turns.
2. Practice recovering from unusual attitudes with the PFD operational and dimmed.
3. Once you have practiced the above flight maneuvers, practice flying a GPS approach using the back-up instruments and Garmin configurations as outlined in the Ground Segment.
4. Have the CSIP instructor set up scenarios in which you will have to pull both PFD circuit breakers and practice using the autopilot to fly a GPS approach. Accomplish this training exercise only in GOOD VFR WEATHER CONDITIONS with a CSIP instructor onboard the airplane.