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## Cirrus Monthly Proficiency Program Engine Monitoring and Management

### Flight Segment

#### Objective

This month's flight segment asks you to demonstrate excellent engine and fuel management skills during your flight activities. The objective is to practice and reinforce proper use of the engine monitoring and management systems in real- world flight scenarios.

**Complete the following engine management exercises by incorporating them into your flight activities. Ideally, you will complete these exercises with a CSIP instructor on board to help critique and assess your performance. Always maintain situational awareness and never compromise the safety of yourself or others.**

#### Flight activity items to complete

- ✓ Complete a Personal Weather Minimums assessment.
- ✓ Obtain a thorough pre-flight weather briefing.
- ✓ Make an appropriate go/no-go decision for the flight.
- ✓ Precisely determine the amount of fuel required to fly to an airport approximately 30 minutes away.
- ✓ During flight, use the engine monitoring system to:
  - Determine the accuracy of your flight planning.
  - Practice leaning for Best Power and Best Economy, following the limitations listed in your POH.
  - Observe how fuel consumption is influenced by improper leaning procedures (Note how fuel flow changes when the mixture is left full rich).