

## Pre-Ignition and Detonation

Pre-ignition and detonation are responsible for a significant number of engine failures in General Aviation aircraft each year. Pre-ignition occurs when the air-fuel charge ignites while the piston is still compressing the mixture. Detonation is a violent explosion process after the compression stroke near or just after top dead center. This seminar will acquaint pilots with the hazards of pre-ignition and detonation events.

**Directions:** For those flying in, park on the ramp in front of the administration building. Those driving to the event may park in the lot south of the EAA clubhouse on the south side of the field.

### A message from the National FAASTeam Manager

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### Event Details

**Sat, Feb 29, 2020 - 10:00 CST**  
**EAA Chapter 104 Clubhouse**  
4207 Murvihill Road  
Valparaiso, IN 46383



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