

PIF 06-10  
October Safety Meeting  
10 October 2006

# Icing

The meeting commenced at 1900L with Mr. Chris Peterson, Manager, addressing the status of the following items within the club.

A presentation was given by Mr. Eric Nonamaker on structural and induction icing. The upcoming winter months, despite our geographic location, an icing refresher is always welcome during this time of year. The following items were reviewed:

1. Icing Weather Accidents
  - a. General Aviation Weather Related Accident Rate
  - b. 51.2% Carburetor and Induction Icing
  - c. 41% Structural Icing
  - d. 8% Other Icing Factors
2. Structural Icing
  - a. Two Ingredients: Visible moisture or clouds and temperature 0° to -20°C.
  - b. No Anti-Ice or Deice Equipment: Best to Perform 180° Turn.
  - c. Frost & Ice: Clear Aircraft Surfaces before Operation.
3. Induction and Carburetor Ice
  - a. Carburetor: Fuel and Air Vaporization at nearly any temperature.
  - b. Induction: Ice Blocking Air Filters, Ducting, and Fuel Metering Devices.
    - i. Fuel Injection Does Not Mean Induction Icing Can't Occur.
4. Additional Icing Information
  - a. [www.aopa.org/asf/hotspot/icing.html](http://www.aopa.org/asf/hotspot/icing.html)
  - b. <http://icebox.grc.nasa.gov>

The meeting ended at 2000 with many discussions on icing experiences.