

NASA's free on-line course on ICING

The Icing branch of NASA Glenn Research center has developed two on-line courses on icing.

- A pilot's guide to ground icing
- A pilot's guide to in-flight icing

One can go through these courses online at no cost. The deck crew is urged to go through these two courses.

Go to the site http://aircrafticing.grc.nasa.gov/courses_ground.html

You will get the screen shown below. You can proceed from here.

A Pilot's Guide to Ground Icing



Who should take this course?
Every pilot who could encounter ground icing - whether their aircraft needs to be cleaned or protected from frozen contamination.

What is covered in this course?
The problems caused by ground icing
When you are likely to encounter ground icing
The basics about aircraft de/anti-icing fluids
How to de-ice and anti-ice your aircraft

How long will it take?
That depends on you. This course is designed to let you determine what you need to know given the type of flying that you do. You can spend as little as 60 minutes going through the highlights, but you can take much longer (2-3 hours) if you explore all related information and interactive features.

Please select one of the options below to access the course and related materials.


[Course Introduction](#) [Begin the Course](#) [Review Material](#)

[Note: Course content will open in a separate window]

Go to the site http://aircrafticing.grc.nasa.gov/courses_inflight.html

You will get the screen shown below. You can proceed from here.

A Pilot's Guide to In-Flight Icing



Who should take this course?
Every pilot who could encounter in-flight icing.

What is covered in this course?
With an operational focus, this course provides tools pilots can use to deal with in-flight icing. Emphasis is on avoidance, detection and exit, as well as the effects of ice accretion on performance and handling and the particular hazard of Supercooled Large Droplet (SLD) icing.

How long will it take?
That depends on you. This course is fairly comprehensive; you may choose to go through the entire course from beginning to end, including exploring the accident links, pilot testimonials and other related information in roughly 4-6 hours. The total time will be much shorter if you skip certain sections or jump directly to sections that interest you most.

[Begin the Course](#)

[Note: Course content will open in a separate window]