

CFIT-A

Avoidance of Controlled Flight into Terrain



What is CFIT?

- **Controlled Flight into Terrain (CFIT)** is an accident in which there is an in-flight collision with terrain, water, or obstacle without indication of loss of control.
- "CFIT-A" refers to avoidance of CFIT.
- CFIT- A guidance and training is not required under 14 CFR Part 135.

Hageland Proactively Addresses CFIT

- CFIT-A is pervasive throughout training and operations.
- Hageland voluntarily implemented CFIT-A policies, procedures and training.
- Hageland's ground training for CFIT-A is approved by the FAA.
- Hageland also utilizes simulator training for CFIT-A.

Hageland's CFIT-A is Medallion Approved

- Hageland obtained Medallion Star for CFIT- A on June 24, 2005.
- Primary objectives of Medallion CFIT-A are training, recognition of weather conditions and taking appropriate action.
- Hageland successfully passed Medallion audit of Hageland's CFIT-A Star.
- Last Medallion audit of Hageland's Stars prior to Togiak Accident was June 28, 2016; shortly thereafter Medallion Shield was awarded.



Hageland's CFIT-A Training Schedule and Audits

- The pilot training curriculum contains CFIT- A classroom and simulator training each year.
- The training is audited on an annual basis.
- Corrective actions are taken for any audit findings.
- Senior management is included in the program review process.

Hageland's CFIT-A Training Course

- Hageland published a CFIT- A Training Manual.
 - Inadvertent VFR flight into IMC
 - Flat light
 - White out conditions
- Use of Terrain Awareness and Warning System (TAWS).
- Training includes prevention strategies such as turnbacks, diverting to alternates, and use of IFR Flight Plans.
- CFIT-A training is incorporated into simulator sessions.

Hageland's CFIT- A Enhancements

- Flight Data Acquisition Systems (FDAS).
 - Similar to Flight Operations Quality Assurance (FOQA)
- Flight data being reviewed daily.
- Increased number of flights being flown under IFR.
- CFIT- A manual being reviewed.



Hageland Has a Just Safety Culture

- Since January 1, 2016, Hageland has had 607 flights turn back or divert to an alternative airport due to unforecasted weather issues.
- Since January 1, 2016, Hageland has had 3,564 flights canceled due to weather issues.
- The decision to cancel a flight, or to turn back or divert once a flight has been released, is made solely on the basis of safety without external pressures.

Thank you.