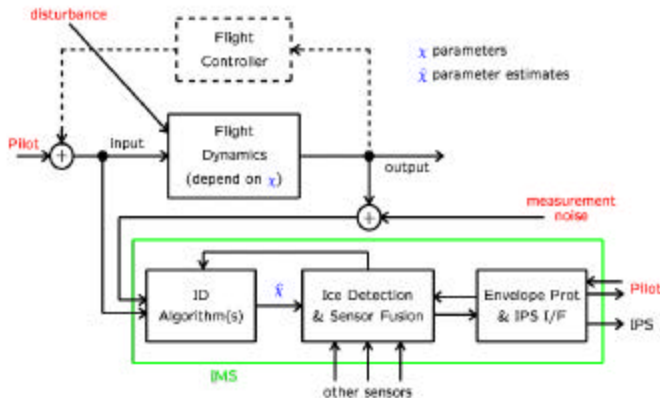


NASA/University of Illinois Smart Icing Systems Concept

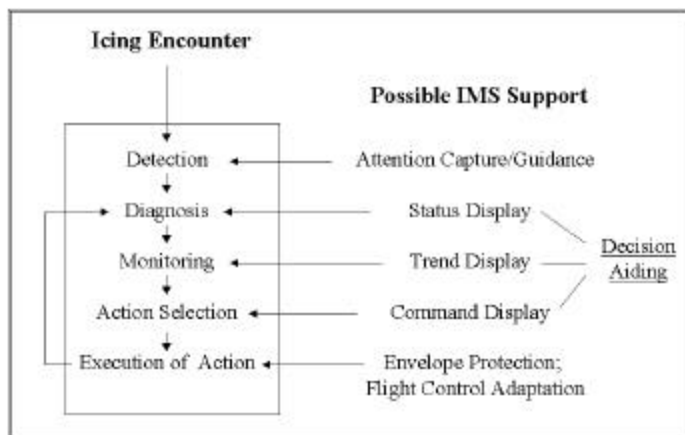
Icing Characterization

Measure icing effects on performance and handling qualities in real time.

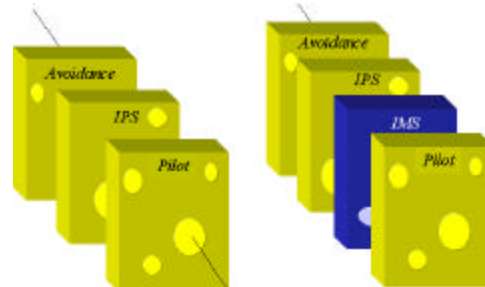


Human Factors

Human centered interfaces keep the pilot aware of IMS status and actions.

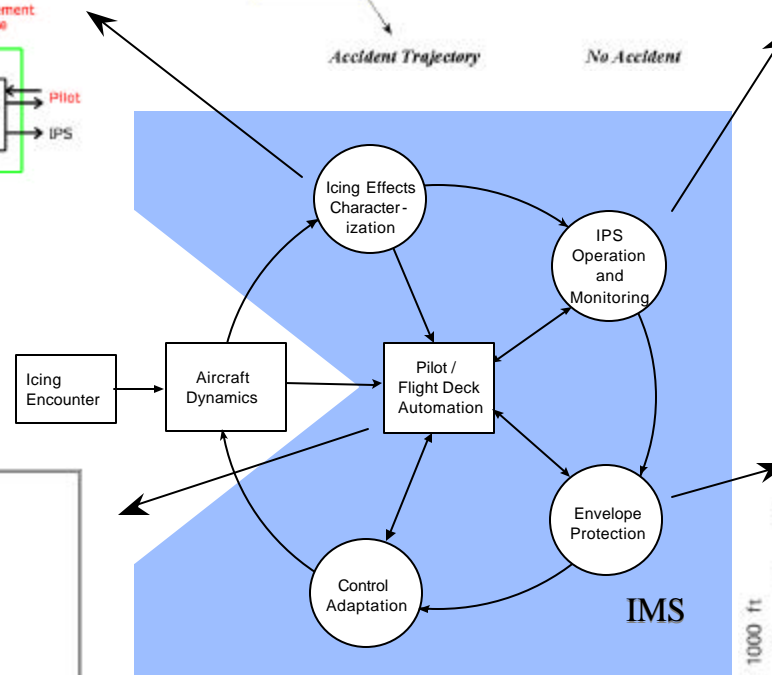


Layers of Icing Safety



Accident Trajectory

No Accident



Autonomous IPS Operation

Activate IPS based on flight conditions, without requiring pilot input.



Envelope Protection

Use information for envelope protection and to reconfigure control laws.

