



NASA SBIR 2016 Phase I Solicitation

A1.09 Vehicle Safety - Inflight Icing Hazard Mitigation Technology

Lead Center: GRC

NASA is concerned with the prevention of encounters with hazardous in-flight conditions and the mitigation of their effects when they do occur. Under this subtopic, proposals are invited that explore new and dramatically improved icing mitigation technologies and research tools related to inflight airframe and engine icing hazards for manned and unmanned vehicles. Technologies of interest should address the detection, measurement, and/or the mitigation of the hazards of flight into supercooled liquid water clouds and flight into regions of high ice crystal density. Of particular interest are technologies that can address emerging icing issues of advanced aircraft configurations (N+2/N+3 aircraft, as well as vertical lift and unmanned systems).