

## **RISK ASSESSMENT WORKSHEET**

### **PROJECT:**

**TEST DESCRIPTION: Ice Shape Testing - Stalls**

### **PRINCIPAL RISKS:**

- Loss of control.

### **RISK ALLEVIATION STEPS:**

1. Initiate test point above TBD AGL.
2. Initiate recovery by TBD AGL.
3. Deploy chute if out of control by TBD AGL.
4. Egress aircraft if out of control by TBD AGL.
5. PNF monitor condition of ice shapes and high speed tape.
6. Day VFR with well defined horizon required and smooth air.
7. Abort testing for further analyses if any unusual buffet, uncommanded pitch, roll or yaw, or control reversal is experienced.
8. Chutes and helmets required.
9. Minimum crew.
10. Chase at discretion of pilot.
11. No flights over populated areas.
12. Build-up in accordance with test plan XXX.
13. Review departure/spin recovery procedures.
14. Review aircraft egress procedures.
15. Winds on ground less than 10 knots (personnel chute).
16. Company ice shape test pilot in left seat, should demonstrate company test technique.
17. Monitor angle of attack. Maintaining constant airspeed bleed rate with ice shapes installed may result in high angle of attack rate.

18. Monitor sideslip. On turboprop airplanes, large sideslip can be attained with power on at low airspeed.

**RISK CATEGORY:**

\_\_\_\_\_ MEDIUM

  X   HIGH

Prepared by: \_\_\_\_\_