

RISK ASSESSMENT WORKSHEET

PROJECT:

TEST DESCRIPTION: Ice Shape Testing – 0G Pushover and Sideslip

PRINCIPAL RISKS:

- Loss of control – tail stall.

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. *On one transport category turboprop airplane, sandpaper partially detached from the horizontal tail resulting in tail stall, therefore consideration should be given of means of monitoring the horizontal tail shapes.*
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. Review tail stall recovery procedures (controls, flaps, power).

RISK CATEGORY:

_____ MEDIUM

 X HIGH

Prepared by: _____