

T-28 Pilot Report

Flight: 725
Date: 06051999
Flight Time: 19:50 – 21:26 UT
Pilot: Tom Root
Controller: Andy Detwiler
Location: Loveland, CO
Mission: Research flight

Computer Time (UT)	Video Time	Comments
19:50		Take-off. Storm dropping soft pea-size graupel at Pawnee radar site
19:56		Marble-size hail at Pawnee radar site
		T-28 climbing out to N. All aircraft have block altitude 18-22 kft (eventually) .
		T-28 on top of cloud deck at 14 kft during climbout.
20:07		Sabreliner near GILL VORTAC. Small mechanical problem.
20:10		Convair calls in. Trying to line up with T-28 on W side of storm
20:16		Sabreliner still moving from W to E side of storm
20:20		All aircraft lining up on SW side
20:23		T-28 video window iced up.
20:25		Sabreliner down to 21 kft.
20:30		Run #1 toward NNE
		Sabreliner reports lgt turb; Convair reports lgt/mdt turb
20:36		T-28 coming right to take up SSE hdng
		Run #2
20:41		T-28 reports carb icing, lgt/mdt turb
		Convair and Sabreliner agree on lgt/mdt turb
20:45		T-28 20° left
20:47		T-28 another 20° left
		T-28 on W edge; has picked up some ice
		Out-of-cloud
20:50		T-28 turning 90° left to hit S edge of turret.
		In-cloud for Run #3, hdng E
20:55		T-28 70° left to hdng NNE. Start Run #4
		T-28 lgt/mdt turb
20:57		Convair calls in mdt turb
20:58		T-28 mdt turb
20:59		T-28 goes left to hdng 350°.
21:00		Sabreliner reports mdt turb & hvy precip
21:02		End of run #4. T-28 to RTB. Back into cloud.
21:04		Encounters hvy turb on way back to Loveland.
21:30		T-28 landed

NOTES

Weather

A storm is moving north between the two operations areas in the early afternoon, leading to a launch for a coordinated mission.

Maintenance

Operations

Video clock is 2 sec ahead of data acquisition system clock. Field mill test switch was left “on” for entire flight.