

## T-28 Pilot Report

Flight: 656  
Date: 06051995  
Flight Time: 11:46:30 – 13:40 CDT  
Pilot: Charlie Summers  
Controller: Dennis Musil  
Location: Norman, OK  
Mission: Research flight

Computer Time	Video Time	Comments
11:18:21		Take-off; in light rain as he climbs out to S
11:22:15		J-W and de-ice heat on
11:22:39		Field mill test on for 1 min
11:27:51		Computer halts; start reboot
11:35:49		Computer back
11:37:10		In-cloud. Increased rain; mdt. Turb;hdng 280°; alt. 13 kft.
11:37:13		Ltng
11:41:20		Multiple ltng
11:44:20		Out-of-cloud; hdng 280°; alt. 14 kft.
		Turning left to 100°
11:44:25		Ltng
11:45:17		Rolling out on 100°; alt. 14 kft.
11:49:03		In-cloud; hdng 130°; 14 kft
11:49:13		Lgt turb
11:49:28		Strong updrafts
11:49:50		Mdt turb
11:50:29		Change to hdng 150°
11:51:00		Ltng
11:51:13		Ltng
11:51:52		Mdt turb
11:52:34		Ltng
11:54:20		Need carb heat and deice; some engine ice
11:56:14		Downdraft then updraft
11:56:37		Out-of-cloud; hdng 150°; alt 14 kft
11:56:38		In-cloud then lighter then back out
11:58:52		In-cloud; hdng 280°; alt 14 kft
11:58:54		1500 ft/min up
11:59:01		1500-2000 ft/min up
11:59:21		Ltng
11:59:30		Out-of-cloud; hdng 280°; alt 14 kft
12:03:55		In-cloud; hdng 280°; alt 14 kft
12:06:20		Ltng
12:07:09		Out-of-cloud; hdng 280°; 14 kft
12:08:54		In-cloud; hdng 100°; alt 14 kft
12:11:03		Lgt rime ice on wing; some carb ice in engine
12:15:11		Ltng

12:17:00		Ltng
12:17:32		Ltng
12:17:44		Mdt turb
12:18:04		Ltng; hvy rain
12:18:48		1500 ft/min up
12:20:58		Out-of-cloud; hdng 120°; alt 14 kft
12:40		Landed at Will Rogers due to weather at Westheimer

**NOTES**

Weather

Long N-S echo line approaching from W. Largest reflectivities are at and below freezing level

Maintenance

Pylon field mill switched to bottom; bottom mill switched to pylon. This mill in now in the pylon did not work during the flight. Computer crash caused by high rate of acquisition of images from hail spectrometer triggered by a loose card in the spectrometer.

Operations

Started up at 11:00 CDT, but held on ground for 10 min by ATC.