

## T-28 Pilot Report

Flight: 756  
Date: 6/19/2000  
Flight Time: 00:16:47-01:45:06  
Pilot: Charlie Summers  
Controller: Andy Detwiler  
Location: Goodland, KS  
Mission:  
Weather:

Computer Time	Video Time	Comments
	00:27:11	Takeoff from Goodland, KS
	00:29:23	Right wing heat on
	00:29:28	FM test
	00:31:58	FM off and HVPS on
	00:34:33	Starting to get some turbulence
	00:35:06	Pilot reporting lightning in area every 15 seconds or so
	00:36:45	Pilot reporting lightning and light turbulence. Out of 12,000 feet and will need to go to high blower soon.
	00:37:45	Pilot reporting northwest outflow kicking up dust on the surface and Andy reports that Chill van experiencing it as well.
	00:39:25	In high blower and turning west
	00:43:50	In cloud and having trouble with communications with Chill
	00:46:07	Flying overhead of Chill on a heading of 360°.
	00:46:15	Moderate turbulence and light icing
	00:46:40	Lightning
	00:47:22	Lightning
	00:48:03	Pilot reporting moderate to severe turbulence
	00:48:39	Starting to get a little more ice
	00:49:54	Turning 180° right to reverse course
	00:52:50	Heavy lightning
	00:53:01	Getting heavier turbulence again
	00:53:40	Heavy lightning
	00:54:03	Building turbulence and updrafts also present
	00:54:57	Heavy turbulence lifting pilot out of seat.
	00:56:00	Turning 030° left
	00:59:09	Back in cloud
	00:59:31	Out of cloud
	01:00:30	Staying on course for about 5 nautical miles then reversing course to 350°
	01:01:05	Recycling HVPS
	01:01:50	Pilot reporting approximately 1 inch of ice and no hail present in storm
	01:03:55	Climbing to 19,500 feet at heading of 350°; not in cloud yet.
	01:04:44	In cloud. Altitude: 19,400 feet, speed: 140 kts, HVPS on, Carb. heat on, and alcohol on.
	01:06:40	Lightning
	01:07:23	Lightning
	01:07:46	Turbulence building
	01:08:30	Turning to heading 060°

	01:09:13	Lightning
	01:09:21	Starting to pick up some ice
	01:09:49	Pilot reporting that aircraft is getting hit pretty hard with hail
	01:09:51	Lightning
	01:10:05	Lightning
	01:10:15	Continuous updraft but relatively smooth ride
	01:10:24	Lightning
	01:10:37	Pilot reports that left side of canopy is frozen over but right side still ok
	01:11:51	Lightning
	01:12:47	Recycling HVPS
	01:15:30	Pilot reporting 1.5 inches of ice on aircraft
	01:16:40	Heading 230°, 140 kts, in cloud, and HVPS on
	01:21:45	Recycling HVPS
	01:23:10	Pilot reporting fuel vents possibly iced up
	01:27:05	Pilot reporting 2 inches of ice on wings
	01:28:44	Recycling HVPS
	01:29:45	Lightning
	01:33:15	Pilot reporting still 2 inches of ice on wings
	01:35:00	Starting descent to 7,000 feet for landing at Goodland, KS
	01:38:03	Pilot reports 2.5 inches of ice on wings after out of cloud
	01:44:31	Touchdown Goodland, KS

Maintenance:

Operations: