

## T-28 Pilot Report

Flight: 752  
Date:  
Flight Time:  
Pilot:  
Controller: Andy Detwiler  
Location: Goodland, KS  
Mission: Research flight

Computer Time	Video Time	Comments
	23:48:33	Takeoff from Goodland, KS
	23:52:35	HVPS showing 0, recycled HVPS
	00:03:53	Climbing out of 15,500 ft., going into high blower
	00:07:42	In cloud and getting light turbulence
	00:08:02	Visible precipitation on video
	00:08:30	Light turbulence
	00:08:56	Out of cloud
	00:11:04	Precipitation visible on video
	00:13:00	Light turbulence and light rime icing
	00:13:18	Pilot reported lightning at aircraft's 2:00
	00:13:45	Turbulence getting heavier and cloud cover getting lighter
	00:14:27	Out of cloud and turning 270° left
	00:17:05	Pilot reports updrafts
	00:17:29	Current heading 030°
	00:17:45	Heading 010° with lightning on right and left sides of aircraft
	00:18:45	Out of cloud
	00:19:12	Turning 010° right
	00:19:23	In cloud
	00:19:53	Pilot reports some ice buildup on aircraft
	00:20:47	Pilot reports smooth ride, no turbulence
	00:20:49	Pilot reports lightning at aircraft's 2:00
	00:21:19	Turning 5° right, heading 020°, 18,500 ft. Light turbulence
	00:21:47	Out of cloud
	00:22:00	Pilot reports ice precipitation
	00:22:40	Out of cloud
	00:23:30	Turning around to go back through storm, heading 210°
	00:24:29	In cloud
	00:24:34	Lightning at aircraft's 2:00
	00:25:24	Current heading 180° at 18,000 ft.
	00:25:34	Pilot reports lightning on both sides of aircraft
	00:26:07	Turning 010° right
	00:26:12	Pilot reported lightning
	00:26:30	Pilot reports light turbulence
	00:27:05	P-static
	00:27:25	Turning right 020°
	00:28:15	In cloud, current heading 220° at 18,500 ft.

	00:28:41	Out of cloud
	00:28:57	Turning 010° left
	00:29:39	Turning another 010° to heading 200° at 19,000 ft.
	00:30:20	In cloud
	00:30:42	A little ice on wind screen and light turbulence
	00:31:17	Light turbulence
	00:31:35	Out of cloud
	00:32:31	Out of cloud
	00:32:54	Reversing course again to go back through storm, heading 030°
	00:34:41	In cloud, current heading 025° at 150 knots
	00:35:01	Pilot reports lightning overhead aircraft
	00:36:10	Pilot reports moderate turbulence
	00:36:42	Pilot reports windshield iced over with 0.25 inches of ice on wings
	00:37:01	Moderate turbulence
	00:38:46	Pilot reports downdraft. Aircraft descending at 500 ft/min
	00:39:00	Ice clearing off of wings and windshield
	00:40:22	Light turbulence
	00:41:30	Moderate turbulence
	00:42:33	Out of cloud
	00:42:50	Turning 180° right to heading 190°
	00:43:31	In cloud, altitude 19,000 ft.
	00:43:47	Moderate turbulence
	00:44:15	Fuel gauge indicator fluctuating, possibly due to ice buildup in fuel vents.
	00:45:17	Canopy icing up and 0.5 inches of ice on wings
	00:46:55	Pilot reports 0.5 inches of rime ice still on wings
	00:48:01	Light turbulence
	00:48:15	Turning right 020°
	00:48:55	Turning another 020° right
	00:49:50	Pilot still reporting 0.5 inches of ice on wings
	00:50:25	Light turbulence and P-static
	00:50:36	Pilot reported downdraft
	00:50:38	Pilot reported lightning at aircraft's 9:00
	00:51:20	Out of cloud
	00:51:40	Turning left 020°
	00:52:45	Turning left another 010°
	00:56:11	0.75 inches of ice on wings
	01:10:46	Touchdown for landing at Goodland, KS airport

**NOTES**

Weather

Maintenance

Operations

