

T-28 Pilot Report

Flight: 758
Date: 6/23/2000
Flight Time: 22:14:24-23:43:34
Pilot: Charlie Summers
Controller: Andy Detwiler
Location: Goodland, KS
Mission:
Weather:

Computer Time	Video Time	Comments
	22:22:45	Takeoff from Goodland, KS
	22:27:09	In light rain
	22:33:41	Reversing course to the east
	22:34:09	In cloud
	22:35:27	Going into high blower
	22:37:55	Current heading 090°, out of 14,000 ft and climbing, no lightning, no turbulence
	22:38:16	Updrafts
	22:38:44	P-static
	22:39:14	Hitting downdrafts
	22:41:00	Lightning
	22:41:30	Pilot reporting light rime ice
	22:42:01	Lightning
	22:42:05	Updrafts
	22:42:30	Lightning
	22:42:44	Lightning
	22:43:00	Level at 17,000 ft with moderate turbulence
	22:43:42	In high blower and still struggling to hold 17,000 ft.
	22:44:26	Lightning
	22:46:09	Wide left turn to heading 240°
	22:46:16	Out of cloud
	22:47:04	Pilot reporting ¼ inch rime ice
	22:47:23	In cloud
	22:48:07	Getting some turbulence
	22:48:57	Downdrafts
	22:49:48	Turbulence building and getting lightning and updrafts
	22:50:35	Some Turbulence
	22:50:46	Starting to get ice on the windshield
	22:51:03	Recycled HVPS
	22:51:14	Lightning and updrafts
	22:51:36	Turning 020° left
	22:52:45	Pilot reporting moderate turbulence
	22:53:11	Continuous lightning
	22:53:30	Getting a lot of P-static
	22:53:48	Lightning
	22:53:55	Downdrafts

	22:54:14	Updrafts
	22:55:09	Pilot reporting smoother ride and less lightning
	22:55:22	Lightning
	22:55:49	Out of cloud
	22:55:54	Making wide right turn to heading 120°
	22:56:35	Recycling HVPS
	22:57:08	In cloud
	22:57:34	Turning left to 110°
	22:58:08	Getting more turbulence
	22:58:18	Updrafts
	22:58:45	P-static and lightning
	22:59:39	Turning left to heading 300°
	22:59:40	Out of cloud
	23:00:16	Pilot reporting ¼ inches of rime ice
	23:00:46	In cloud at 17,000 ft. and 140 kts.
	23:01:40	Downdrafts
	23:01:52	Lightning and turbulence building
	23:02:17	Lightning
	23:02:29	Lightning
	23:03:57	Getting a little turbulence
	23:04:16	Pilot still reporting only ¼ inches of rime ice
	23:04:31	Turning right to heading 090° and out of cloud
	23:05:16	In cloud
	23:05:28	Updrafts
	23:05:47	Turning 020 right to heading of 110°
	23:07:01	Increasing turbulence
	23:07:16	Lightning
	23:01:50	Continuous lightning
	23:08:36	Picking up a little more precipitation
	23:09:07	Updrafts
	23:09:20	Sides of canopy icing over
	23:09:52	Pilot reporting another ¼ inch of rime ice added to wings to make ½ inches total
	23:10:03	Lightning
	23:11:35	Out of cloud and reversing course to 300°
	23:12:59	Recycling HVPS
	23:13:57	In cloud
	23:15:15	Some turbulence
	23:16:08	Updrafts
	23:16:45	Getting more turbulence
	23:17:08	Close lightning
	23:17:20	Close lightning
	23:18:03	Downdrafts and light turbulence
	23:19:54	Reversing course for one more pass
	23:19:59	Recycling HVPS

	23:21:10	In cloud
	23:21:55	Building turbulence
	23:22:05	Heading 120°, 18,000 ft., 150 kts., and 9 miles from Goodland, KS
	23:22:41	Lightning
	23:23:00	Lightning
	23:23:20	Picking up more turbulence
	23:23:28	Downdrafts and lightning
	23:23:43	Strong downdraft
	23:23:50	Turbulence and updrafts
	23:25:22	Going back to low blower
	23:27:06	Out of cloud
	23:28:40	Out of 18,000 ft. for 6,000 ft. heading back to Goodland, KS
	23:38:13	Touchdown for landing at Goodland, KS

Maintenance:

Operations: