

T-28 Pilot Report

Flight: 753
Date: 6/9/2000
Flight Time: 21:05:25-22:30:00
Pilot:
Controller: Andy Detwiler
Location: Goodland, KS
Mission:
Weather:

Computer Time	Video Time	Comments
	21:12:00	Takeoff from Goodland, KS
	21:15:49	FM Test
	21:16:35	FM off
	21:19:20	Aircraft picking up 120° radial from Chill Radar for 37 miles to a storm south of Goodland, KS
	21:22:44	Climbing through 15,000 feet, cloud bases look to be about 13,000 ft
	21:25:40	Turning right heading 030°
	21:26:03	Starting to see visible precipitation on video
	21:27:11	Turning left heading 030°
	21:29:51	In cloud, heading 039° 19,000 feet
	21:30:47	Light turbulence
	21:31:45	Turning right heading 200°
	21:34:50	Going through some light clouds, better stuff ahead
	21:35:38	In cloud, heading through northeast region of storm
	21:38:18	Back in cloud, P-static
	21:38:55	Pilot reports a little bit of rime ice on wings and light turbulence
	21:40:26	Turning 180° right altitude 19,000 feet
	21:41:27	Lightning flash and visible precipitation
	21:42:13	More turbulence, picking up some rime ice on the wings and in an updraft
	21:42:34	P-static
	21:43:20	Out of cloud
	21:44:40	In cloud
	21:45:26	Out of cloud
	21:46:05	Back in cloud
	21:46:45	Out of cloud
	21:48:50	Climbing from 19,000 to 20,000 feet
	21:49:02	Pilot reporting ½ inches of ice on wings
	21:50:37	Going into high blower to reach altitude
	21:52:00	Pilot reporting that amount of ice on aircraft making it difficult to reach 20,000 feet, flying at 10° a.o.a.
	21:53:08	Turning left 10°
	21:53:51	Turning left 20°
	21:54:33	Lightning flash
	21:54:52	Lightning flash
	21:55:05	Lightning flash
	21:55:30	Light to moderate turbulence
	21:55:59	Lightning flash

	21:56:03	Pilot reports aircraft wanting to climb, most likely in an updraft
	21:57:44	Turning 180° left to go back through storm
	21:58:29	Recycling HVPS
	21:59:38	Moderate turbulence
	21:59:55	Pilot reports aircraft picking up some ice, but doesn't mention how much
	22:00:15	Lightning flash
	22:00:40	Lightning flash
	22:00:58	Lightning flash
	22:01:10	Lightning flash
	22:01:45	Ice buildup not getting any worse but currently wings have ½-¾ inches of ice
	22:03:20	Out of cloud
	22:03:35	Turning right 180° to go back through storm
	22:05:37	Pilot reports updraft with 2000 ft/min climb
	22:07:07	Lightning flash
	22:07:26	Lightning flash
	22:07:48	Pilot reports updrafts with 2000 ft/min climb rate
	22:08:22	Pilot reports nose 5-10° down and still ascending at 1000 ft/min
	22:09:05	Resetting HVPS again
	22:09:40	Reversing course to the left to go back through storm again
	22:11:18	Turning 10° left
	22:12:25	Turning 10° right
	22:12:50	Lightning flash
	22:13:05	Lightning flash
	22:13:21	Lightning flash
	22:13:38	Light to moderate turbulence getting more severe
	22:15:44	Lightning flash
	22:15:55	Out of cloud
	22:28:50	Touchdown for landing at Goodland, KS

Maintenance:

Operations: