

T-28 Pilot Report

Flight: 759
Date: 6/25/2000
Flight Time: 00:37:51-02:25:04
Pilot: Charlie Summers
Controller: Andy Detwiler
Location: Goodland, KS
Mission:
Weather:

Computer Time	Video Time	Comments
	00:47:20	Takeoff from Goodland, KS
	00:49:16	Recycling HVPS
	00:58:31	FM test
	01:00:05	Turning west to get in position to go through the storm
	01:01:11	Going into high blower
	01:05:18	Currently at 17,000 ft. on a heading of 010°
	01:05:38	Turning 010° right to heading 020° and in cloud
	01:06:00	Starting to get some turbulence
	01:06:20	Getting heavy hail
	01:06:47	Pilot reporting updraft
	01:06:54	Pilot reporting building turbulence
	01:07:01	Getting a little bit of ice and hail
	01:07:10	P-static
	01:07:44	Turning 030° left
	01:08:00	Aircraft crossing downdraft
	01:08:05	Aircraft crossing updrafts
	01:08:15	Turning 010° left
	01:09:10	Back in cloud
	01:09:18	Trace of ice being reported on wings
	01:09:25	Pilot reporting that turbulence building again
	01:10:15	Downdrafts
	01:10:20	Updrafts
	01:10:39	Out of cloud
	01:11:25	Turning right to heading of 180°
	01:12:18	In cloud and turbulence building, altitude is 18,500 ft.
	01:12:41	Pilot reporting ice buildup on canopy
	01:13:01	Updrafts
	01:13:16	Pilot reporting hail
	01:13:58	Turning to heading 210°
	01:14:15	Pilot reporting clear air turbulence
	01:14:42	Back in cloud
	01:15:47	Out of cloud
	01:16:23	Back in cloud
	01:16:51	Recycling HVPS
	01:17:14	Smooth ride so far through this cloud

01:17:40	P-Static, turbulence and hail being reported by pilot
01:17:58	Out of cloud
01:18:05	Recycling HVPS
01:21:30	Heading to storm 65 miles from Goodland or 30 miles from current aircraft position and shooting for altitude of 21,000 ft.
01:27:51	Turning right to heading 025°
01:29:00	In cloud
01:29:35	Getting some updrafts
01:30:15	Turbulence building
01:30:45	P-static
01:30:58	Getting hail and lightning
01:32:04	Pilot reporting lightning, updrafts and hail
01:32:43	Starting to get lightning every couple of seconds
01:33:09	Pilot reporting building turbulence
01:33:30	Close lightning
01:33:59	P-static
01:35:24	Recycling HVPS
01:36:23	Reversing course turning 180° right for heading of 210°
01:36:30	Out of cloud
01:37:35	In cloud
01:38:05	Pilot reporting downdraft and switching to updrafts
01:38:36	Lightning
01:38:53	Recycling HVPS
01:38:54	Lightning
01:39:08	Pilot reporting increasing turbulence
01:39:13	Lightning
01:39:26	Lightning
01:39:46	Getting a little bit of an updraft and lightning
01:40:19	Continuous lightning every couple of seconds and P-static
01:40:51	Getting updrafts pushing aircraft up at 1000 ft/min rate
01:41:23	Andy reporting that storm has now become a supercell
01:42:35	Recycling HVPS
01:45:04	Pilot reporting about an inch of ice built up on plane from this pass
01:46:17	Out of cloud
01:46:36	Turning left to heading 030°
01:47:13	In cloud
01:48:09	Recycling HVPS again
01:48:56	Getting moderate turbulence
01:49:54	Pilot reporting ice on windshield
01:50:17	Pilot reporting 1.0 inch of rime ice
01:51:36	Pilot reporting turbulence
01:51:51	Close lightning
01:52:44	Starting to get continuous lightning again
01:53:36	Pilot reporting updrafts
01:53:41	Recycling HVPS again

	01:54:02	Pilot reporting snow in cabin from air vents
	01:54:47	Close lightning
	01:54:47	Lightning
	01:56:22	Coming out of high blower
	01:57:00	Pilot reporting 1.0 inch of ice
	01:58:03	Turning right heading 090° and descending for return to Goodland, KS
	02:16:15	Touchdown for landing at Goodland, KS

Maintenance:

Operations: