

T-28 Pilot Report

Flight: 559 CaPE
Date: 07141991
Flight Time: 16:58 – 18:46:46
Pilot: Dan Custis
Controller: Dennis Musil
Location: Melbourne, FL
Mission: Research flight

Computer Time	Video Time	Comments
16:58		Rolling
17:13:42		FM test off
17:34:17		Hdg 125°, 15 kft, pen #1
17:35:18		In cloud
		Mod precip, light turb
17:36:15		Out-of-cloud
17:54:15		In-cloud pen #3
		Mod turb, mod rain
		1500' up
17:55:08		Out-of-cloud
		Something 5 mi to W, going to 18 kft
18:00:04		Entering cloud in ~10s
18:00:47		Entering cloud (Pen #5) 190°
18:03:27		p-static
18:10:30		Entering cloud (pen #6)
		Mod precip, mod turbulence
		Quite a bit of updraft activity
18:11:03		Out
		Keep flying in that direction
		Drop to 10 kft. Pick up 180° hdg
18:17:19		Entering cloud (pen #7)
		500-600'/min down
		Mod precip
		Right in middle of echo
		Mod turb, mod precip
		800'/min up
		Still in precip. Things smoothing out and getting lighter.
		Far enough. Reverse course. Go to 8 kft.
18:24:55		Pen #8
		700'/min up, mod precip
		Out of most, in tops of some small cells
		Continue 3 mi. Talk about alternates to MLB
~18:27		450 lbs fuel left
18:34:25		Hdg 190° pen #9
		6 kft
		Mod turb, mod precip

		Looks like storms past MLB
		Enquires about Orlando. VFR there
18:41:04		Pen #10, hdg 020°
		Light precip
		In and out of cloud tops at this time
18:46:46		Pen #11, hdg 190°, 6 kft alt
		Light/mod precip. Mod turb
		10° right
		No clear air, clouds all around
		Beach below
		Storm between us and you; continue straight ahead and penetrate
		10° left
		(background sound changes. Must have opened canopy)

NOTES

Weather

Maintenance

Operations