

T-28 Pilot Report

Flight: 568 CaPE
Date: 08031991
Flight Time: 17:09:01 – 18:18:29
Pilot: Dan Custis
Controller: Dennis Musil
Location: Melbourne, FL
Mission: Research flight

Computer Time	Video Time	Comments
17:09:00		Executing 45° bank left and right.
17:09:22		Back level. 1 st porpoise maneuver – FL 220 Temp @ 210 appears to be -18.
17:21:30		Porpoise starts
17:23:45		Pen #1. Rolling out on heading of 190 at FL 210. RT
		Cloud SW on.
		In cloud.
		Mod precip.
		Mod turb.
		Icing. Quite a bit of icing.
17:24:21		Out of cloud. (Flt. Level 210)
17:28:32		Pen #2. FL 200, hdg 360. Be entering in 30 seconds.
17:29:11		In cloud. Light turb.
		500' down
17:29:53		Out of cloud RT.
		Coming 180° to right
17:31:55		Heading 190 for Pen #3 at 19,500'.
		Cloud sw on.
		In cloud.
		Mod turb.
17:32:15		Out of cloud. No camera (on) for Pen #3.
17:37:59		Gator Storm 8 rolled out hdg 350.
		Tower to the east is down 190.
		Believe this one will be right @ 190 (ALT). Having some trouble maintaining altitude.
17:38:18		Pen #4 on hdg 350 (ALT FL195).
		In cloud on pen #4 on hdg of 345. Light turbulence.
		Out of cloud.
		Storm 8 will have to pen at lower altitude due to power fluctuations.
		Descending to FL 190.
17:39:02		(Computer printout shows Out of Cloud – no notes about it otherwise)
17:44:00		Pen #5 @ FL 190 and hdg 160.
		In cloud. Light turb, icing
		500' down
17:44:40		Out of cloud.
		Engine operating OK w/carb heat on.

17:51:48		Pen #6 will be on hdg of 340, FL17,000'.
		Storm 8 in cloud, hdg 340.
		Light precip, light turb
17:52:22		Out of cloud
		Porpoise Man. Unreadable (16,000')
17:57:49		Pen #7 on hdg 160, alt 16,000'. In cloud. Very little activity in this stuff.
17:58:30		Out of cloud
17:58:38		Pen #8 on hdg of 320, alt 14,000'.
		Hdg now 325 for #8.
		Entering cloud
17:58:57		Out of cloud
18:08:08		Pen #9, on hdg of 190, alt 14,000'. Will enter in @ 30 sec.
		Precip.
		Light to mod turb, mod precip.
		Still getting precip
18:08:58		Out of cloud
18:18:20		Executing Porpoise Man (Believe alt was 12,000')
18:18:29		Mission complete

NOTES

Weather

Maintenance

Operations