

T-28 Pilot Report

Flight: 661
Date: 05231995
Flight Time: 15:48 – 17:04 CDT
Pilot: Tom Root
Controller: Dennis Musil
Location: Norman, OK
Mission: Research flight

Computer Time	Video Time	Comments
15:48		Take-off
		Hefty inversion near 5-6 kft, 10°C, on climbout
16:07:36		In-cloud into decaying cloud, E of Will Rogers Airport; hdng NNE
		Mostly virga
16:13:01		Out-of-cloud; below cloud base; in rain
		Moved W to investigate newer convection
16:22:38		In-cloud; hdng N
16:24:06		Briefly out, then back into cloud again, hdng N
16:26:12		Briefly out, then back into cloud again, hdng N
16:27:54		Out-of-cloud; will reverse course and head back S
16:29:54		In-cloud;
16:32:03		Out-of cloud; deviated to right to catch more of echo
		Reverse course to NE
16:34:52		In-cloud; hdng NE
16:35:25		Out-of-cloud
		Reverse course to 240° to go back through
16:37:08		In-cloud; hdng 240°
16:37:55		Out-of-cloud
		Returning to base and will penetrate stratiform area at 10 kft alt.
16:45		In-cloud; lgt rain; can see ground
		Smooth flying; lgt rain
16:52		Out-of-cloud
		Begin descent
17:04		Land

NOTES

Weather

Quick-moving storms develop in early afternoon just over the Texas border, moving NE at 30-40 kts. Storms evolved quickly. Very difficult to catch and get decent observations

Maintenance

2D-P failed to record images from 16:11:09-16:35:30.

Operations

Last flight of the Norman deployment. Pilot audio tape never transcribed. Notes here are compiled based on ground controller notes and event code listings.