

T-28 Pilot Report

Flight: 750
Date: 06012000
Flight Time: 00:35 – 01:50 UT
Pilot: Tom Warner
Controller: Andy Detwiler
Location: Goodland, KS
Mission: Research flight

Computer Time	Video Time	Comments
23:30		Nearest cells have 35 dBZ to 10 km. Peak Z is ~45 dBZ. Producing a few CG's per minute, with the closest being +CG's.
00:00		The call goes out to launch on a target cell near 186°/50 nmi
00:30		Approximate launch time
00:50		In base of anvil, heading out 180° radial from CHILL
01:00		On 175° radial. Convection decaying
		Horizontal situation indicator (HSI) lost slave mode.
01:08		Out 60 nmi from CHILL. Getting ready to turn.
01:10		Reverse course to left
01:20		Tom asked to pick up a heading to GLD
01:25		Out of anvil and descending
01:40		Landed at GLD

NOTES

Weather

As of the morning, prospects are for convection were expected to be best to the far N. Mobile teams are deployed to Wray in the early afternoon. However, first convection to appear on radars appears far to the SW, working slowly towards CHILL. As of 22Z on the 31st, the leading cells in this region are making several CG's per 10 secs. As of 23Z, the leading cells are dissipating as they cross the CHILL 150 km range ring, but still are making lightning irregularly.

Maintenance

HSI slave mode failed. The flight video recorder tape did not transport, so no pilot audio was recorded. These notes are based on the controller's notes taken at the ops center.

Operations

High blower was needed to reach 18 kft altitude. Caused increased fuel consumption. A balloon launch was made near the storm in which the T-28 was to be flying at 00:30 UT. T-28 landed at GLD just before a strong outflow reached the airport.