

T-28 Pilot Report

Flight: 730
Date: 06121999
Flight Time: 14:15 – 15:43 MDT
Pilot: Charlie Summers
Controller: Andy Detwiler
Location: Loveland, CO
Mission: Research flight

Computer Time	Video Time	Comments
~14:15		Take-off
14:20:20		Field-mill test
		Climbing out to GILL. Reaching 17 kft. Holding there for ATC
14:36		Cleared to climb to 22 kft as circle GILL
14:45		Everyone close to altitude and trying to get lined up
14:49:31		In-cloud; Pen #1. Charlie trying to speed up. Looks like tops going through 38 kft
		Lgt icing
14:51:25		Out-of-cloud
14:55		T-28 turning to 080°, then to 260°. Will pick up a growing cell before heading back into original storms; Turrets look pretty glaciated
15:01		In-cloud; Pen #2
15:02		Out of 1 st cloud.
		Convair had to bump down to let traffic by
15:04		Back in-cloud
		Lgt to mdt turb
15:07		Out-of-cloud
		Turn around and head back through
15:17:40		T-28 in-cloud; Pen #3
15:19		ATC turns T-28 to W
		Ltng; smooth ride
15:22		End of Pen #3
15:30		T-28 RTB
15:43		land

NOTES

Weather

By 13:00 MDT, storms with 50+ dBZ were sitting over the mountains. Expectation is for an active day. By 14:00 there is a big storm bearing on Loveland from the Front Range to the west. There is another storm further north

Maintenance

Operations

The plan is to aim for 22 kft altitude and try to top some smaller cells if possible, then work downward. Try to get block altitude 18-24 kft. A 14:15 MDT take-off is arranged. The aircraft are to head for CHILL and rendezvous near the GILL VORTAC. The 3 aircraft manage 3 coordinated passes before the T-28 has to leave due to low fuel. The other two aircraft continue for several more passes after the T-28 leaves.