

## T-28 Pilot Report

Flight: 747  
Date: 05252000  
Flight Time: 23:25:25 – 00:20:18  
Pilot: Tom Root  
Controller: Andy Detwiler  
Location: Goodland, Kansas  
Mission: Research flight

Computer Time	Video Time	Comments
	23:23:50	Throttle up for takeoff.
	23:30:05	8,500 feet climbing to 19,000 feet. Target storm 33 nm @ 284° from Chill Radar.
	23:38:20	Going into high blower.
	23:40:10	15,000 feet climbing to 19,000.
	23:40:50	Target storm 32 nm at 278° from Chill Radar.
	23:41:08	Engine running a little rough.
	23:44:50	Coming up on 18,000 feet.
	23:46:15	Flying through thin cloud deck no fssp, dmt, or 2dc indication.
	23:46:50	Out of thin cloud deck.
	23:48:10	Back into cloud
	23:49:45	Starting to see rain on video.
	23:50:20	Pilot reports in cloud and updrafts.
	23:50:50	Pilot reports some precipitation and turbulence.
	23:51:45	Turn heading 360°
	23:51:33	Out of cloud, under cloud deck
	23:52:55	Turn right 010°
	23:53:20	Turn right 025°
	23:54:01	Overshot storm, turning to heading 090°.
	23:54:45	Heading 090°, in cloud, precipitation visibly picking up on video
	23:56:15	Turing right to 180°
	23:57:08	Pilot reports light precipitation
	23:57:15	Storm dissipating, missed strongest echo region of storm, looking for new vector.
	23:58:08	Turning left, heading 280°, still in cloud
	23:59:00	Target echo straight north of T28, turning toward north to intercept. Some ice buildup on video.
	00:00:35	Pilot reports precipitation and turbulence getting heavier.
	00:03:10	Descending 2,000 feet to 17,000 feet and reverse heading
	00:04:10	Heading 180° at 17,500 feet for 17,000, descending out of cloud
	00:05:30	Storm falling apart, Andy gives the call to head back to Goodland.
	00:20:00	Touchdown Goodland, KS

### NOTES

#### Weather

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#### Maintenance

-Engine reported running rough @23:41:08

#### Operations