

T-28 Pilot Report

Flight: 561 CaPE
Date: 07181991
Flight Time: 15:03-16:54
Pilot: Dan Custis
Controller: Dennis Musil
Location: Melbourne, FL
Mission: Research flight

Computer Time	Video Time	Comments
15:03		Takeoff. (T-39 taking off about same time)
15:09:50		(Some switch off – FM test?)
15:20:15		Hdng 300° 15 kft
		25 to left; 25 to right – FRM (or ERM?) bank test
15:25:?		1 st pen 17 kft. (not much activity)
15:25:54		Cloud switch off; camera off
		“pretty much washed out”
		Loiter in area
		Something building at 10:30 & 25 mi?
		Pen #2 on 020°, 17 kft
		p-static
		“just about washed out”
		When break out pick up a target at 10 o’clock
		[some ATC request to turn for traffic]
		One DJM wants is behind one DPC sees
15:37		290° 17 kft into cloud
		p-static
		1000’/min up
		1000’/min up
		Mod turb, precip, ice
		Just broke out
		Reverse and go in a little further N
		In-cloud
		p-static
		p-static
15:42:15		Out-of-cloud
		Reverse and repeat
		In-cloud
		p-static
		p-static
		strong up near end of pen
15:46:52		Out-of-cloud
		Hdng 90° 17 kft in-cloud
		110°
		p-static
		p-static

		(muffles Dan's comments)
		295°, 17 kft, new pen
15:57:16		In-cloud
		p-static
		in-cloud
		heaviest precip directly ahead ~ 1 ½ mi
		"about as good as could get"
		When out, turn left to 120° to repeat
16:17		Still some towers around
?		Hdng 320°, 6.5 kft
		Moderate precip
		Out in clear
		"Can you see where heaviest precip is?"
~16:30		Reversing course for last pen
		150° 6.5 kft
		Out-in-clear
		(discuss making one pen on way in but DJM says cloud is collapsing and not of much interest)
16:54		Terminate mission

NOTES

Weather

Maintenance

Operations