

Based on Vern David's interview, Sundowner N3724Y was based at KMIT. He started the day at 0600. The tanks were fueled to the slots (37.4 gallons useable). He flew the plane to KPTV for touch and goes (first leg yellow line, Google Earth map with plotted course lines "Flight Path.jpg"). He then flew to L45 (second leg blue line) for breakfast with the family. After breakfast he departed L45 and flew up the west side of the valley (third leg green line) over Elk Hills and Lost Hills until abeam KPTV and then directly to KPTV. On that leg he did some air work including engine out practice descending and climbing. At KPTV he did more touch and goes before departing for home (last leg red line) (KMIT). He said the right tank out and when he switched tanks he couldn't get the engine to prime. He knew he couldn't make KDLO so he headed to the orange grove.

Sundowner assumptions:				
Fuel reported at the "slots" which would be 37.4 gallons usable				
"Block to Block" averages:				
Airspeed in Knots/Hour:		120		
Fuel Use in Gallons/Hour:		13		
		Dist. NM	Block Time	Fuel Used
1st Leg	KMIT to KPTV	32	0.3	3.5
	Touch and Goes at KPTV		0.5	6.5
2nd				
Leg	KPTV to L45	42	0.4	4.6
3rd	L45 to KPTV via West Side			
Leg	of Valley	102	0.9	11.1
	Air Work West Side of Valley		0.3	3.9
	Touch and Goes at PTV		0.3	3.9
4th Leg	KPTV to KMIT (short of KDLO)	19	0.2	2.1
Total Time/Fuel			2.7	35.4