



VFR OPERATIONAL FLIGHT PLAN

Trip

Trip Date 11 Mar 2020	Departure Airport KEDC	Destination KTPL	Alternate Dest. KPWG
Aircraft Registration N413ES	Dep. Sunset/rise 0035Z	Dest. Sunset/rise 0035Z	Alt. Sunset/rise 0034Z
Num. of Passengers 1	Dep. Civ. Twilight 0059Z	Dest. Civ. Twilight 0059Z	Alt. Civ. Twilight 0058Z

**Current:**  Medical,  Flight review or solo endrsmt.,  TOs+ldgs past 90 days,  Night TOs+ldgs past 90 days

**Checked:**  Weather,  NOTAMs,  Maint. status,  Charts/EFB update

Navigation Log

Waypoint or Checkpoint	Route (Airway)	Power	TAS	TC	MH	GS	Dist.	ETE	Fuel Use	ETA	ATE
		Altitude	Fuel Flow	MC	CH		Rem.	Rem.	Plan Fuel	ATA	Act. Fuel
KEDC Executive	<i>TC ± variation = MC. MC ± wind correction = MH. MH ± deviation = CH. TAS ± tail/headwind = GS. At takeoff, record time off, fuel, and ETA first way/checkpoint. At each way/checkpoint, complete ATA, ATE, actual fuel, and ETA of next.</i>										
Top of climb	join V17	full thrtl.	77	029	024	94	5	4	1.2		
		↑ 035		026	026		42	22	50.7		
DARTE	V17	2300	112	011	002	123	18	9	1.3		
		035	8.6	007	004		24	13	49.4		
REDDA	V17	2300	112	010	360	124	9	4	0.6		
		035	8.6	006	002		15	9	48.8		
CONRA Top of descent	V17	2300	112	010	360	125	6	3	0.4		
		035	8.6	007	002		9	6	48.4		
KTPL Draughon-Miller	D→	~1900	112	359	350	124	9	6	0.9		
		↓ 007	5.9	355	352		0	0	47.5		
Total Trip Distance, Time, and Fuel:							47	26	4.4	Time On	Ldg. Fuel

### Navigation Log (Destination to Alternate)

Waypoint or Checkpoint	Route (Airway)	Power	TAS	TC	MH	GS	Dist.	ETE	Fuel Use	ETA	ATE
		Altitude	Fuel Flow	MC	CH		Rem.	Rem.	Plan Fuel	ATA	Act. Fuel
KTPL Draughon-Miller	D→	<i>A planned alternate is not required for VFR flights, but may be desired depending on weather, nighttime, etc.</i>									
ROLAC	VI7										
KPWG McGregor Exec											
Total Alternate Distance, Time, and Fuel:										Time On	Ldg. Fuel

### Fuel Budget

Start, Taxi, & Run-Up	1.1
Trip Fuel	4.4
Alternate Fuel	
Discretionary Reserve	4.3
Final Reserve	4.3
Total Required	14.1

### Weight and Balance

Station	Qty.	Weight	Arm	Moment	OK?
Basic Empty Weight		1692	39.8	67272	
Crew	2	360	37	13320	
Rear Passengers	0	0	73	0	
Baggage Area 1		10	95	950	<input checked="" type="checkbox"/>
Baggage Area 2		0	123	0	<input checked="" type="checkbox"/>
Fuel	53	318	48	15264	
= Ramp		2380	40.7	96806	<input checked="" type="checkbox"/>
- Start, taxi, run up	1.1	7	48	317	
= Takeoff		2373	40.7	96489	<input checked="" type="checkbox"/>
- Fuel burn to ldg.	4.4	26	48	1267	
= Landing		2347	40.6	95222	<input checked="" type="checkbox"/>

### Takeoff Data

Runway	Heading	X-Wind	Ground Roll	50 ft Obstl.
13	128	10	965	175
31	308	10	1280	2280

### Landing Data (Destination)

Runway	Heading	X-Wind	Ground Roll	50 ft Obstl.
20	205	2	495	1150
15	160	8	520	1210

### Landing Data (Alternate)

Runway	Heading	X-Wind	Ground Roll	50 ft Obstl.
22	218	3	490	1140
17	173	6	500	1165

### ATIS / One-Minute Weather

Airport			
Code/Time			
Wind			
Vis./WX			
Sky Cond.			
Temp./DP			
Altimeter			
Apch./Rwy.			

### FBO

Name GA terminal	Phone 254-298-5770
Location on Airport west side, near twy. D	Frequency 123.0