

VORs		GDM 116.95 --- / --- / --- CON 112.9 --- / --- / ---					
Divert Fuel		5' 0.7 10' 1.5 15' 2.2 20' 2.9 25' 3.7 30' 4.4					
RPM	2475	IAS	96	ETE	1:00:56	FUEL	21.74
VOR	CHECKPOINTS	HDG	DIST	TAKEOFF TIME		RESERVED	12.80
			95			FLIGHT	8.94
CRS		ALT	LEG	GS	ETE	ETA	GPH
			rem				8.8
GDM 257	[On-Course] Amherst	044 1900	6 89	79	4:33		0.67
GDM 273	[TOC]	044 5500	10 79	79	7:36		1.11
GDM 293	KORE	046 5500	5 74	104	2:53		0.42
GDM 007	Mt Monadnock	029 5500	19 55	99	11:31		1.69
CON 061	Powder Mill Pond	051 5500	10 45	105	5:43		0.84
CON 061	Weare Reservoir	051 5500	10 35	105	5:43		0.84
CON 061	CON (VOR)	050 5500	12 23	105	6:51		1.01
CON 027	[TOD]	017 5500	7 16	93	4:31		0.66
CON 027	[BOD] Laconia	018 1600	12 4	81	8:53		1.30
	KLCI	045 545	4 0	89	2:42		0.40

DIVERSION TABLE (NO GPS)

TC	MH	GS	DIST (NM) — ETE / FUEL					
			5	10	15	20	25	30
020	025	97	3:06 0.45	6:11 0.91	9:17 1.36	12:22 1.81	15:28 2.27	18:33 2.72
040	044	103	2:55 0.43	5:50 0.85	8:44 1.28	11:39 1.71	14:34 2.14	17:29 2.56
060	065	109	2:45 0.40	5:30 0.81	8:15 1.21	11:01 1.61	13:46 2.02	16:31 2.42
080	087	115	2:37 0.38	5:13 0.77	7:50 1.15	10:26 1.53	13:03 1.91	15:39 2.30
100	109	119	2:31 0.37	5:03 0.74	7:34 1.11	10:05 1.48	12:36 1.85	15:08 2.22
120	133	122	2:28 0.36	4:55 0.72	7:23 1.08	9:50 1.44	12:18 1.80	14:45 2.16
140	156	121	2:29 0.36	4:58 0.73	7:26 1.09	9:55 1.45	12:24 1.82	14:53 2.18
160	179	119	2:31 0.37	5:03 0.74	7:34 1.11	10:05 1.48	12:36 1.85	15:08 2.22
180	202	114	2:38 0.39	5:16 0.77	7:54 1.16	10:32 1.54	13:09 1.93	15:47 2.32
200	223	108	2:47 0.41	5:33 0.81	8:20 1.22	11:07 1.63	13:53 2.04	16:40 2.44
220	244	102	2:56 0.43	5:53 0.86	8:49 1.29	11:46 1.73	14:42 2.16	17:39 2.59
240	263	96	3:08 0.46	6:15 0.92	9:23 1.38	12:30 1.83	15:38 2.29	18:45 2.75
260	281	91	3:18 0.48	6:36 0.97	9:53 1.45	13:11 1.93	16:29 2.42	19:47 2.90
280	299	88	3:25 0.50	6:49 1.00	10:14 1.50	13:38 2.00	17:03 2.50	20:27 3.00
300	315	86	3:29 0.51	6:59 1.02	10:28 1.53	13:57 2.05	17:27 2.56	20:56 3.07
320	332	86	3:29 0.51	6:59 1.02	10:28 1.53	13:57 2.05	17:27 2.56	20:56 3.07
340	349	88	3:25 0.50	6:49 1.00	10:14 1.50	13:38 2.00	17:03 2.50	20:27 3.00
360	006	92	3:16 0.48	6:31 0.96	9:47 1.43	13:03 1.91	16:18 2.39	19:34 2.87

Wind 309°/18kt, Var 14.0° — averaged from Navigation Data legs at Cruise ALT 5500 ft (deviation ignored). TAS 104kt from Cruise Data.

META DATA

DATE	TIME	DEPARTURE	DESTINATION	ALTERNATE
Aug 14, 2026	12:00	7B2	KLCI	

ROUTES

7B2 42.31427641595739/-72.58733312947969 42.3754806789466/-72.51536026892134 42.50034407633179/-72.36888664606184 42.57002/-72.28849 42.86244/-72.10911 42.978569/-71.93395700000001 43.087754/-71.773366 43.219814/-71.575428 43.326878/-71.541192 43.52241/-71.47928 KLCI

CRUISE DATA

CRUISE ALT ft	ALTIMETER inHg	PA ft	OAT °C	GPH
5500	30.00	5,427	9	8.8
RPM	TAS kt	CAS kt	IAS kt	
2475	104	95	96	

NAVIGATION DATA

DISTANCE	ETE	FLIGHT FUEL
95 nm	1:00:56	8.94 gal

LEG	VOR	CRS	ALT	DIST	MC	VAR	DEV	TAS	WIND DIR	WIND SPD	TC	WCA	GS	MH	CH	ETE	FUEL
[On-Course] Amherst	GDM	257	1900	6	54	14	0	79	307	14	40	-10	79	44	44	4:33	0.67
[TOC]	GDM	273	5500	10	55	14	0	79	307	15	41	-11	79	44	44	7:36	1.11
KORE	GDM	293	5500	5	55	14	0	104	308	16	41	-9	104	46	46	2:53	0.42
Mt Monadnock	GDM	007	5500	19	38	14	0	104	308	17	24	-9	99	29	29	11:31	1.69
Powder Mill Pond	CON	061	5500	10	61	14	0	104	309	18	47	-10	105	51	51	5:43	0.84
Weare Reservoir	CON	061	5500	10	61	14	0	104	309	19	47	-10	105	51	51	5:43	0.84
CON (VOR)	CON	061	5500	12	61	14	0	104	309	20	47	-11	105	50	50	6:51	1.01
[TOD]	CON	027	5500	7	27	14	0	104	311	20	13	-10	93	17	17	4:31	0.66
[BOD] Laconia	CON	027	1600	12	27	14	0	90	311	16	13	-9	81	18	18	8:53	1.30
KLCI			545	4	55	14	0	90	310	16	41	-10	89	45	45	2:42	0.40

ON-COURSE CHECKPOINT	TOC (TOP OF CLIMB)	TOD (TOP OF DESCENT)	BOD (BOTTOM OF DESCENT)
3–5 NM from Departure - Climb FPM * ETE → ALT	Climb TAS: 79 kts	- Descend TAS: 90 kts 3° Descent: GS × 5 fpm → 1,000 ft per 3 NM - Distance: (Alt to Lose / 1000) × 3 NM - Alt to lose: Cruise ALT – TPA	- Target altitude: TPA 3–4 NM from Destination

FUEL GALLON

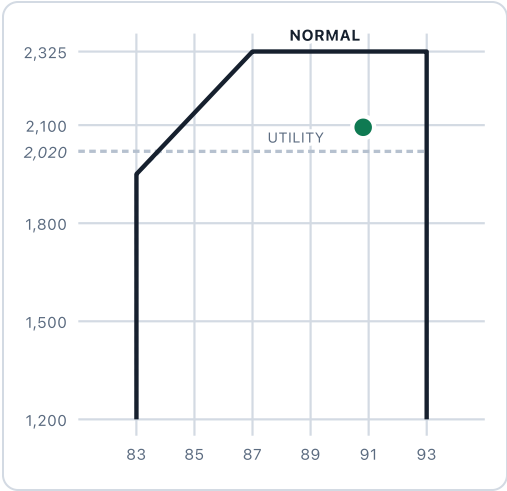
FLIGHT	RESERVE	TOTAL	
8.94 gal	12.80 gal	21.74 gal (131 lbs)	
GROUND	LANDING	LEGAL RESERVE	PERSONAL MINIMUM
2 gal	2 gal	4.4 gal	4.4 gal

WEIGHT & BALANCE

AIRCRAFT PA-28-161 N79NA

✓ Within CG limits (Normal only)

	Weight (Lbs)	Arm Aft Datum (Inches)	Moment (In-Lbs)
Basic Empty Weight	1442.37	87.57	126301.45
Pilot & Front Passenger	320	80.5	25760.00
Passengers (Rear Seats)	120	118.1	14172.00
Baggage	80	142.8	11424.00
Fuel (48 Gallon Max)	131	95	12445.00
Total Loaded Airplane	2093.37	90.81	190102.45



WEIGHT VS CG — NORMAL / UTILITY

TAKEOFF & LANDING PERFORMANCE

TAKEOFF DISTANCE 1,625 ft

LANDING DISTANCE 1,110 ft

	Elev	Altimeter	PA	OAT	DA	Wind	Runway	Wind Component (kt)
Departure	121	30.03	19	26	1,344	230@4	14 (3,365ft/Asphalt)	Head: 0, Cross: 4
Destination	545	30.04	434	24	1,618	330@7	26 (5,890ft/Asphalt)	Head: 2, Cross: 7

Airport DB updated Aug 18, 2026