

WEIGHT AND BALANCE PROFILE
SETUP FOR FOREFLIGHT

Tail	N7524R	N95111	N816PK	N56130	N738KA	N40ER	N6468F	N111HP	N6223V
Make	Piper	Piper	Piper	Piper	Cessna	Cessna	Cessna	Cessna	Cessna
Model	PA-28-140	PA-28-140	PA-28-181	PA-28-200	C172N	C172N	C172N	C172RG	C172RG
Fuel Unit	Gallon	Gallon	Gallon	Gallon	Gallon	Gallon	Gallon	Gallon	Gallon
Fuel Type	100LL	100LL	100LL	100LL	100LL	100LL	100LL	100LL	100LL
Fuel Wt	6lb/gal	6lb/gal	6lb/gal	6lb/gal	6lb/gal	6lb/gal	6lb/gal	6lb/gal	6lb/gal
CG	85.5	85.94	85.76	83.2	36.6	40.3	39.0	-	38.4
Empty Wt	1,354.8	1,350.2	1,492.03	1,625.6	1,475.0	1,472.0	1,480.5	-	1,685.0
Front Seat	85.5	85.5	80.5	80.5	37.0	37.0	37.0	-	37.0
Aft Seat	117.0	117.0	118.1	118.1	73.0	73.0	73.0	-	73.0
Baggage	113.3	113.3	142.8	142.8	108.0	108.0	108.0	-	95.0
Tanks	95.0	95.0	95.0	95.0	48.0	48.0	48.0	-	48.0
Moment	115,797.83	116,040.2	127,950.67	135,925.54	54,1046.95	59,392.26	57,763.19	-	64,673.8
Ramp Weight	NA	NA	NA	NA	NA	NA	NA	-	2,658.0
Max Takeoff	2,150lbs	2,150	2,550	2,650	2,300lbs	2,300lbs	2,300lbs	-	2,650.0
Max Landing	2,150lbs	2,150	2,550	2,650	2,300lbs	2,300lbs	2,300lbs	-	2,650.0
Zero Fuel	NA	NA	NA	NA	NA	NA	NA	-	NA
Forward CG	84.0" / 1,650	84.0" / 1,650	82.0" / 1,200	80.0" / 1,800	35.0" / 1,500	35.0" / 1,500	35.0" / 1,500	-	36.0" / 1,600
	85.1" / 1,850	85.7" / 1,975	82.0" / 2,050	82.0" / 2,300	35.0" / 1,950	35.0" / 1,950	35.0" / 1,950	-	36.0" / 1,950
	90.1" / 2,150	88.3" / 2,150	88.5" / 2,550	87.3" / 2,650	38.5" / 2,300	38.5" / 2,300	38.5" / 2,300	-	39.5" / 2,650
Aft CG	94.0" / 1,650	95.8" / 1,650	93.0" / 1,200	93.0" / 1,800	47.3" / 1,500	47.3" / 1,500	47.3" / 1,500	-	46.5" / 1,600
	94.0" / 1,850	95.8" / 1,975	93.0" / 2,050	93.0" / 2,300	47.3" / 2,300	47.3" / 2,300	47.3" / 2,300	-	46.5" / 2,650
	94.0" / 2,150	95.8" / 2,150	93.0" / 2,550	93.0" / 2,650	-	-	-	-	-



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Tail	N480TS	N426YP
Make	Diamond	Diamond
Model	DA-42-TDI	DA-42-NG
Fuel Unit	Gallon	Gallon
Fuel Type	Jet-A	Jet-A
Fuel Wt	6.7lb/gal	6.7lb/gal
Front Seat	90.6"	90.6"
Aft Seat	128.0"	128.0"
Nose Baggage	23.6"	23.6"
Cabin Baggage	153.1"	NA
Standard Baggage	NA	143.7"
Short Ext. Baggage	NA	156.3"
Extension Baggage	178.7"	NA
Main Fuel Tank	103.5"	103.5"
Aux Fuel Tank	126.0"	126.0"
De-Icing (9.7lb/gal)	39.4"	39.4"
Empty Wt	2,928.9	3,339.26
CG	95.26"	95.19"
Moment	279,004.71	317,873.42
Ramp Wt	NA	NA
Max Takeoff	3,935.0	4,407.0
Max Landing	3,935.0	4,407.0
Zero Fuel	NA	NA
Forward CG	92.5" / 2,756.0	92.5" / 3,197.0
	92.5" / 3,236.0	92.5" / 3,236.0
	94.5" / 3,935.0	95.8" / 4,407.0
Aft CG	95.3" / 2,756.0	96.6" / 3,197.0
	98.0" / 3,527.0	97.6" / 3,748.0
	98.0" / 3,935.0	97.6" / 4,407.0

Use these profiles to build the
Foreflight Weight and Balance
Profiles on your own mobile
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