

Time remaining: \_\_\_\_\_

Tach time at last 100 hour:

# N6389R PA-28-140

#### **Airworthiness Checklist**

Deactivated or removed with "inop" placard

safety

PIC determination the inop equipment does not interfere with flight

	Completed by:			Date://20
	Hobbs out:	Hobbs	in: Tach out:	Tach in:
unc	tructions: This sheet is to be completed before every flight. Ensure each it checked if you are unsure and ask your instructor when they become avaicle for current aircraft squawks and the maintenance records for maintena	ilable. C	Circle unsatisfactory items for revie	
	Aircraft Documents		Pilot Do	cuments
_	Airworthiness certificate		Pilot certificate	
_ _	Registration certificate	_	Valid medical certificate	
_	Last renewed: / /20 Expires: / /20	_	Last renewed://20	Expires: / /20
<b>_</b>	Radio station license (if flying internationally)		Valid photo ID	
<b>_</b>	Owner's manual/operating handbook		Last renewed://20	Expires: / /20
<b>_</b>	Weight & balance sheet		Radio operator license (if flying	
	Last updated://20		Renter's Insurance	• ,
			Last renewed://20	Expires://20
	Aircraft Inspections			
	Annual inspection: 12 calendar months (airframe, engine, propeller)			ssessment
	Last completed://20 Expires://20			asonal allergies will impact judgement
_	<b>V</b> OR receiver check: 30 days if IFR and primary means of navigation		• •	o distracting/dangerous side effects?
	Last completed://20 Expires://20		Stress: low and well managed?	
	100-hour: 100 hours - previous overrun			Aviation policy: 12), < 0.04% BAL, <b>no</b> t
	Tach time at last 100 hour:	_	under the influence	
_	Time remaining:		•	hours of sleep last night: Safe?
<u> </u>	ADs complied with		Emotion: also impacts judgeme	•
	Altimeter, pitot, static: 24 calendar months if IFR		Eating/hydration: well fed and h	ydrated?
_	Last completed: _/_/20 Expires: _/_/20		0	F
_	Transponder: 24 calendar months if transponder is used		Squawks and i	nop Equipment
_	Last completed://20 Expires://20 ELT			
_				
	Battery replacement: 1 hour of cumulative use or 50% life Expires://20			· · · · · · · · · · · · · · · · · · ·
	Inspection: 12 calendar months			
	Last completed: _/_/20 Expires:/_/20		Inoporative equi	ipment checklist
<b>5</b>	50 hour oil change		Equipment not required by §91.	
_	ee nour on onungo	_	Equipinont not required by 301.	200, 1 011, 017, 00



	Weight (lbs) x	Arm (inches) =	Moment (in-lbs)
Aircraft Empty Weight	1267.57	85.56312	108457.3
Oil (8qts max)		32.5	
Front Seat Occupants		85.5	
Rear Seat Occupants		117	
Baggage (200lb max)		117	
Zero Fuel Weight and CG		CG=	
	-	-	
+ Required Fuel (288lbmax)		95	
Ramp Weight		CG=	
- Taxi & Runup Fuel		95	
Takeoff Weight		CG =	
	-	-	
- Fuel Used		95	
Landing Weight		CG=	

#### **Aircraft Performance**

Departure Takeoff Distance to Clear 50 ft Obstacle	
Destination Takeoff Distance to Clear 50 ft Obstacle	
Cruise % Horsepower	
Cruise Gal/Hour	
Endurance at Top of Climb (Hours)	
Glide Range at Cruising Altitude of ft	
Departure Landing Distance to Clear 50 ft Obstacle	
Destination Landing Distance to Clear 50 ft Obstacle	

# N6389R PA-28-140

### Weight & Balance

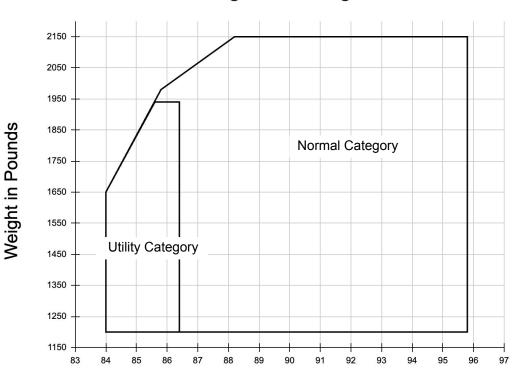
Last Revised: 7/2/24

#### **Conversions and Equations**

Weight x Arm = Moment Total Moment / Total Weight = CG Cruise gal/hour x Fuel Remaining = Endurance

Fuel Weight = ~6 lbs/gal
Oil Weight = ~1.875 lbs/quart

# C.G. Range and Weight



Inches Aft of Datum