reenville		N32196 PIPER ARROW II Airworthiness Checklist		
	Completed by:			Date://20
	Hobbs out:	Hobbs in:	Tach out:	Tach in:

Instructions: This sheet is to be completed before every flight. Ensure each item is checked off if acceptable or crossed out if not required. Leave items unchecked if you are unsure and ask your instructor when they become available. Circle unsatisfactory items for review with your instructor. Refer to Flight Circle for current aircraft squawks and the maintenance records for maintenance information

	Aircraft Documents		Pilot Documents
	Airworthiness certificate		Pilot certificate
	Registration certificate		Valid medical certificate
	Last renewed: _/_/20 Experies: _/_/20		Last renewed: _/_/20 Experies: _/_/20
	Radio station license (if flying internationally)		Valid photo ID
	Owner's manual/operating handbook		Last renewed:/_/20 Experies:/_/20
	Weight & balance sheet		Radio operator license (if flying internationally)
	Last updated://20		Renter's Insurance
			Last renewed: / /20 Experies: / /20
	Aircraft Inspections		
	Annual inspection: 12 calendar months (airframe, engine, propeller)		Pilot Self Assessment
	Last completed: _/_/20 Experies: _/_/20		Illness: even a minor cold or seasonal allergies will impact judgement
	VOR receiver check: 30 days if IFR and primary means of navigation		Medications: FAA approved? No distracting/dangerous side effects?
	Last completed: //20 Experies: //20		Stress: low and well managed? Do not fly if in doubt
	100-hour: 100 hours - previous overrun		Alcohol: > 8 hours (Greenville Aviation policy: 12), < 0.04% BAL, not
	Tach time at last 100 hour:		under the influence
	Time remaining:		Fatigue: do not fly if in doubt, hours of sleep last night: Safe?
	ADs complied with		Emotion: also impacts judgement; do not fly if unstable
	Altimeter, pitot, static: 24 calendar months if IFR		Eating/hydration: well fed and hydrated?
	Last completed: _/_/20 Experies: _/_/20		
	Transponder: 24 calendar months if transponder is used		Squawks and Inop Equipment
	Last completed: _/_/20 Experies: _/_/20		- damme win meh = darkinen
	ELT		
_	Battery replacement: 1 hour of cumulative use or 50% life		
	Expires: / /20		
	Inspection: 12 calendar months		
	Last completed: _/_/20 Experies: _/_/20		Inoperative equipment checklist
	<b>50</b> hour oil change		Equipment not required by §91.205, POH, or ADs
-	Tach time at last 100 hour:		Deactivated or removed with "inop" placard
	Time remaining:		PIC determination the inop equipment does not interfere with flight
		<b>1</b>	
			safety



Note:

Ensure the CG remains within the envelope with both gear retracted (819 moment) and extended (0 moment)

	Weight (Ibs) x	Arm (inches) =	Moment (in-Ibs)
Aircraft Empty Weight	1671.36	84.86744929	141844.06
Oil (15 lb max)		24.5	
Front Seat Occupants		80.5	
Rear Seat Occupants		118.1	
Baggage (200lb max)		142.8	
Gear Retraction Moment			0 or 819
Zero Fuel Weight and CG		CG =	
+ Usable Fuel (288lb max)		95	
Full Fuel Weight		CG =	
- Fuel Used		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

# N32196 PIPER ARROW II

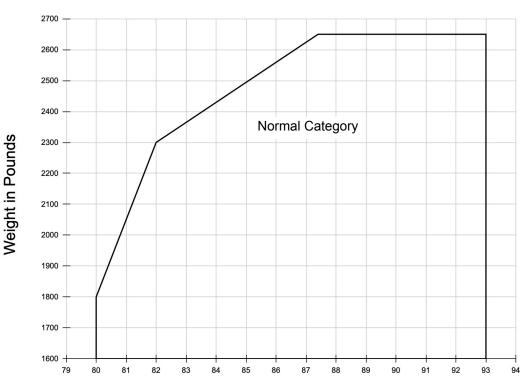
## Weight & Balance

Last Revised: 3/2/2022

#### **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/guart

## C.G. Range and Weight



Inches Aft of Datum