

Tach time at last 100 hour: _____

Time remaining: _____

N3016M PIPER ARCHER II

Airworthiness Checklist

Deactivated or removed with "inop" placard

safety

PIC determination the inop equipment does not interfere with flight

	Completed by:	Completed by:		
	Hobbs out:	Hobbs	s in: Tach out:	Tach in:
und	tructions: This sheet is to be completed before every flight. Ensure each in checked if you are unsure and ask your instructor when they become avangle for current aircraft squawks and the maintenance records for maintenance.	ilable. (Circle unsatisfactory items for re	
	Aircraft Documents		Pilot [Documents
]	Airworthiness certificate	' <u>-</u>	Pilot certificate	
)	Registration certificate		Valid medical certificate	
	Last renewed://20 Experies://20		Last renewed://20	Experies://20
1	Radio station license (if flying internationally)		Valid photo ID	· <u>——</u> —
1	Owner's manual/operating handbook		Last renewed://20	Experies://20
]	Weight & balance sheet		Radio operator license (if flyir	
	Last updated://20		Renter's Insurance	
		_	Last renewed://20	Experies://20
	Aircraft Inspections	l		
)	Annual inspection: 12 calendar months (airframe, engine, propeller)			f Assessment
	Last completed://20 Experies://20			seasonal allergies will impact judgemen
1	V OR receiver check: 30 days if IFR and primary means of navigation		• •	No distracting/dangerous side effects?
_	Last completed://20 Experies://20		Stress: low and well manage	•
L	100-hour: 100 hours - previous overrun			le Aviation policy: 12), < 0.04% BAL, no
	Tach time at last 100 hour:		under the influence	
	Time remaining:			ot, hours of sleep last night: Safe?
⊿ ``	ADs complied with		Emotion: also impacts judger	
_	Altimeter, pitot, static: 24 calendar months if IFR Last completed: / /20 Experies: / /20		Eating/hydration: well fed and	i nyurateu?
١.	Transponder: 24 calendar months if transponder is used		Sauzwke and	d Inop Equipment
_	Last completed: _/_/20 Experies: _/_/20		Squawks and	a mop Equipment
n i	ELT			
	Battery replacement: 1 hour of cumulative use or 50% life			
	Expires: _/_/20			
	Inspection: 12 calendar months			
	Last completed://20		Inoperative ed	quipment checklist
1	50 hour oil change		Equipment not required by §9	



	Weight (lbs) x	Arm (inches) =	Moment (in-lbs)
Aircraft Empty Weight	1546.71	86.1908567	133312.26
Oil included in empty weight			
Front Seat Occupants		80.5	
Rear Seat Occupants		118.1	
Baggage (200lb max)		142.8	
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	

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Weight & Balance

Last Revised: 3/2/2022

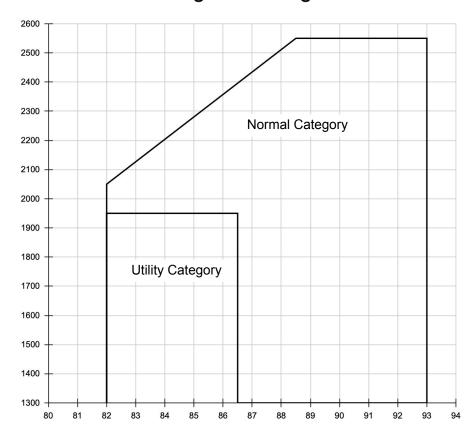
Conversions and Equations

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/quart

Weight in Pounds

C.G. Range and Weight



Inches Aft of Datum