

Date: \_\_\_\_\_  
 Tail No: \_\_\_\_\_

## PA-28-180 Annual Inspection Checklist

	Item	Initials	Notes
Operational checks	Verify airworthiness and registration		
	Verify fuel pump and gauges working		
	Check gyros for noise and roughness		
	Start aircraft, lean mixture and perform ground test of engine		
	Verify oil pressure and temperature		
	Check alternator output		
	Check brakes		
	Check vacuum gauge		
	Check magneto switch operation. Verify P-leads operational		
	Check carburetor heat		
	Check engine operational smoothness		
	Check engine at idle		

Engine compartment	Remove cowl		
	Clean and degrease engine		
	Engine operational check completed, engine warm		
	Drain oil and remove filter (if applicable)		
	Remove and inspect spark plugs, clean and gap as needed. Check on Ohm meter (500-3500 Ohms)		
	Check cylinder compression		
	Inspect cylinders for broken fins		
	Inspect rocker box covers for evidence of leak		
	Inspect ignition harness and insulators		
	Inspect magneto, points, felts, and timing.		
	Inspect magneto for oil leakage		
	Inspect oil temperature sender for leaks		
	Inspect oil lines and fittings for leaks, security, chafing, cracks, or wear.		
	Inspect oil cooler		
	Flush oil cooler (500 hour intervals)		
	Inspect and clean in-line fuel strainer		
	Inspect fuel lines and fittings for leaks, security, chafing, or wear		
Inspect vacuum pump and lines			
Inspect carburetor, throttle, and carb heat controls for security and travel			