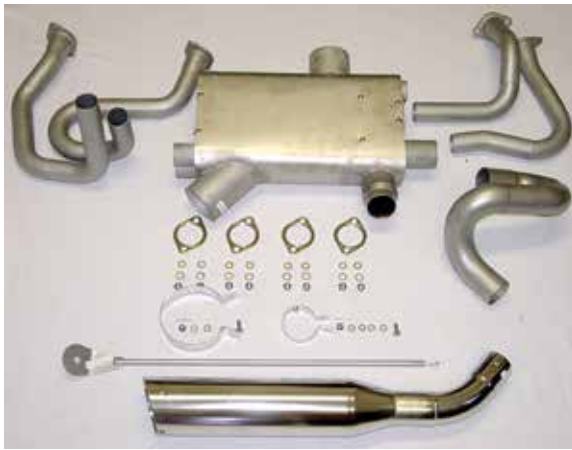


# POWER FLOW SYSTEMS INC. EXHAUST SYSTEMS



Power Flow Systems, Inc., the world leader in designing, manufacturing, and retailing of FAA Certified High Performance aircraft tuned exhaust systems.

Their Tuned Exhaust System is totally different. When you break down their exhaust system, you have two "sets" of pipes; the primary (header/collector combination) and the secondary (pipe after the collector). The primary contains four independent tubes that all join at the "4-1 Collector". As each "exhaust puff" of spent fuel travels through the primaries, it leaves a vacuum behind. In their tuned exhaust system, they have adjusted the length of each tube so that the vacuum reaches the collector just in time to "suck out" the exhaust from the next cylinder. The exhaust gases are not only being pushed out by the cylinder, but "extracted" by the vacuum, so a bigger, fresher charge will enter the cylinder during the next cycle. A tuned exhaust system really promotes a smoother, cooler, and finally more powerful running engine.

**Benefits with Power Flow Systems:**

- Shorter Take Off Roll
- Greatly Improves Rates of Climb
- More Usable Power
- Fuel Savings at Current Speeds
- Smoother Running Engine
- Runs cooler at Current Speeds
- Go up to 8 knots faster
- Mandrel Bent Tubes to maintain consistent interior dimension

**Kit Contents:**

- Kit includes everything to "bolt on" a Complete Replacement Exhaust System
- New Headers, Heater, & Muffler
- No blow gaskets, Nuts, Lock washers, Flat washers, Cotter pins etc.
- Stainless Steel Construction
- Up to 40% thicker than stock
- New Improved Heating System

EP

Airplane	Type of System	Power Flow P/N	Our P/N	Price
Aviat Husky A1B, A1C-180 with Lyc. O-360	Classic Polished	PFS-18101	08-07279	---
	Ceramic Upgrade	PFS-18101 Upgrade	08-15959	---
Cessna 172 C-172 w/ O-320	Classic Polished	PFS-13204	08-00358	---
	Classic Ceramic	PFS-13204-Ceramic	08-05957	---
	Short Stack Polished	PFS-13204-InternalC	08-05958	---
	Short Stack Ceramic	PFS-13204-InternalCCER	08-05959	---
Cessna 172 or 175 C-172 w/ O-360	Classic Polished	PFS-13204-O360	08-00359	---
	Classic Ceramic	PFS-13204-O360-Ceramic	08-05960	---
	Short Stack Polished	PFS-13204-O360-InternalC	08-05961	---
Cessna 177 C-177 w/ O-320	Short Stack Ceramic	PFS-13204-InternalCCER	08-05962	---
	Classic Polished	PFS-13704	08-00360	---
	Classic Ceramic	PFS-13704-Ceramic	08-05963	---
Cessna 177A C-177A w/ O-360	Short Stack Polished	PFS-13704-InternalC	08-05964	---
	Short Stack Ceramic	PFS-13704-InternalCCER	08-05965	---
	Classic Polished	PFS-13704-O360	08-00361	---
Cessna 177B (O-360)	Classic Ceramic	PFS-13704-O360-Ceramic	08-05966	---
	Short Stack Polished	PFS-13704-O360-InternalC	08-05967	---
	Short Stack Ceramic	PFS-13704-O360-InternalCCER	08-05968	---
Cessna 177B (O-360)	Classic Polished	PFS-13705	08-00880	---
	Classic Ceramic	PFS-13705-Ceramic	08-05969	---
	Short Stack Polished	PFS-13704-InternalC	08-05970	---
	Short Stack Ceramic	PFS-13705-InternalCCER	08-05971	---
C-177RG w/ IO-360/390 **Revised Application	Classic Ceramic	PFS-15102-Ceramic	08-07165	---
	Short Stack Polished	PFS-13706	08-07163	---
Cessna 180 / 182 / 185	Short Stack Ceramic	PFS-13706-Ceramic	08-07164	---
	Polished Finish	PFLOWPMCF-180	08-19086	---
Cessna 205 / 210	Polished Finish	PFLOW205210	08-19087	---
Lyc. O-360	Short Stack Polished	PFS-16104	08-15968	---
Lyc. O-360	Short Stack Ceramic	PFS-16104-Ceramic	08-15969	---
Grumman AA-5 (below serial #640)	Short Stack Polished	PFS-13801-InternalC	08-05973	---
	Short Stack Ceramic	PFS-13801-InternalCCER	08-05974	---

Airplane	Type of System	Power Flow P/N	Our P/N	Price
Grumman AA-5 (above Serial #640) & Grumman AA-5A	Short Stack Polished	PFS-13802-InternalC	08-05976	---
	Short Stack Ceramic	PFS-13802-InternalCCER	08-05977	---
Grumman AA-5B & AA-5B	Classic Polished	PFS-13803	08-00637	---
	Classic Ceramic	PFS-13803-Ceramic	08-05978	---
	Short Stack Polished	PFS-13803-InternalC	08-05979	---
	Short Stack Ceramic	PFS-13803-InternalCCER	08-05980	---
Glastar & Sportsman 2+2 Experimental/ Homebuilt	Polished	PFS-16104	08-04986	---
	Ceramic	PFS-16104-Ceramic	08-05981	---
PA28-140 (O-320 / O-360)	Classic Polished	PFS-14150	08-05924	---
	Short Stack Ceramic	PFS-14150-InternalCCER	08-05984	---
	Short Stack Polished	PFS-14150-InternalInternalP	08-05987	---
Piper PA-28-150, 160 w/ Conical Mounts (Below Serial #1761)	Short Stack Ceramic	PFS14151-InternalPCER	08-05991	---
PA28-140 (O-320 / O-360)	Short Stack Polished	PFS-14150-InternalP	08-05994	---
	Short Stack Ceramic	PFS-14150-InternalPCER	08-05995	---
Mooney M20 (B,C,D,G) w/ O-360	Ceramic	PFS-16101-Ceramic	08-05996	---
Mooney M20 (E,F,J) w/ IO-360	Ceramic	PFS-16201-Ceramic	08-05997	---
Raytheon Beechcraft 23 (O-360)	Ceramic	PFS14152-Ceramic	08-05998	---
	Ceramic	PFS-13804-Ceramic	08-06000	---
	Polished	PFS-113804	08-05999	---

**CERAMIC UPGRADE** - Hides discoloration that occurs when the stainless steel is heated. Retains silver finish and requires no maintenance or polishing .....P/N 08-05945

## POWER FLOW EXHAUST SYSTEM FOR ROBINSON R22



R22 Tuned Exhaust Kit for R22, R22 Alpha, R22 Mariner, R22 Beta with 320-B2C engine and large oil cooler. FAA approved by STC. Installing a Power Flow tuned exhaust provides the same performance benefits as upgrading to a Beta II, at a fraction of the cost. It is true bolt-on horsepower for your O-320 powered Robinson R22 Alpha or Beta.....P/N 08-15965