## 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 the 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
- Up to 8 knots faster
- Mandrel Bent Tubes to maintain consistent interior dimension
- Greatly Improves Rates of Climb
- Complete Replacement Exhaust System

### Prices Subject to Change Without Notice

### 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

### 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 for 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.

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