

EXHAUST SYSTEMS

All exhaust stacks are heli-arc welded using Type 321 stainless steel tubing for light weight and long service life. Stainless steel stacks weight 50% less than a set in mild steel. All stacks are custom made and the workmanship is consistently of exceptional quality.

WHEN ORDERING, SPECIFY COMPLETE MODEL NUMBER AND HP OF ENGINE AND AIRCRAFT TYPE.

STRAIGHT STAINLESS STEEL EXHAUST STACKS



Basic exhaust pipes for Pitts Special, Smith Miniplane, Acro Sport, Starduster and many other homebuilts with Lycoming engines O-235 through O-360. This exhaust system fits under the intake tubes, starting at the rear cylinders, around the front intake tube, then points

aft. Two mufflers (P/N 33205) or two tail pipes (P/N 33204) can be used with this system. With stainless swivel joints for vibration dampening and for positioning of tail pipes through 25° range. Wt. 7-1/4 lbs.

SYSTEM FOR LYCOMING ENGINES THRU 180 HP

Set of two basic stacks only, consisting of:

Right Hand, P/N 33202 & Left Hand, P/N 33203
Set of Two..... P/N 33202/33203.....
(Tail Pipes not included.)



System for Lyc. O-320B (Fuel-Injected)
Tightest system for this engine.
P/N 33270-1.....
(Tail Pipes not included.)

ADD OPTIONS:

STRAIGHT TAILPIPES



P/N 33204 (14")..... Pr.	P/N 33204-24 (24")..... Pr.
P/N 33204-18 (18")..... Pr.	P/N 33204-28 (28")..... Pr.
P/N 33204-20 (20")..... Pr.	P/N 33204-36 (36")..... Pr.

MUFFLER WITH 8" TAILPIPE (NO HEAT EXCHANGER)



P/N 33205..... Ea.

MUFFLER WITH 8" TAILPIPE & HEAT EXCHANGER



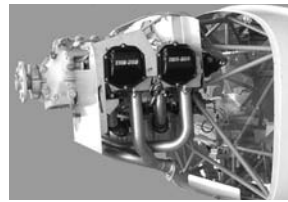
2" Dia. Inlet & Outlet..... P/N 33206-1..... Ea.
2-1/2" Dia. Inlet & Outlet..... P/N 33206-2..... Ea.

When ordering muffler with heat exchanger, advise if inlet & outlet pipe diameter other than 2" or 2-1/2" is preferred.

When ordering muffler with heat exchanger, advise diameter of inlet and outlet pipe preferred (2", 2-1/2" or other).

HOMEBUILDERS SPECIAL STACKS

Designed to fit Lycoming engines O-235 to O-360. Mild steel. These stacks do not fit Pitts Special. Applicable to many home builts. Wt. 7.25 lbs.
P/N 08-01900-1.....



STAINLESS STEEL CROSSOVER EXHAUST SYSTEMS

A exhaust system allows your engine to breathe properly by reducing back pressure and by picking up the correct firing order of the cylinders. This results in increased HP compared to an untuned exhaust. The added HP will

be evident as higher takeoff RPM, higher cruise speed and lower fuel consumption.

This crossover system fits all Lycoming engines from O-235 to IO-360 (180 HP) with bottom or aft mounted carburetors or fuel injection controllers. It is designed for tight cowling and in most cases no cowling modification will be necessary. If fit is the problem, custom tighter crossover systems are available by special order (Additional charges may apply). The system has slip joints between cylinders and ball joints where tail pipes or mufflers connect to collector tubes to prevent cracking due to expansion and vibration and to allow for positioning of the tail pipes. The exhaust system can be ordered in the following combinations:

1. With straight tail pipes
2. With two mufflers (no heat exchangers)
3. With two mufflers (one heat exchanger)
4. With two mufflers, both with heat exchangers.

All mufflers include removable 8" tail pipes. Heat shrouds have one inlet and one outlet for 2" or 2-1/2" flex tubing

Compression Springs - used on Exhaust System Ball Joints. 6 required per system. P/N 33703.....

STANDARD CROSSOVER SYSTEM

Basic system with all Collector Tubes (Without Tail Pipes)

P/N 33251.....

ADD OPTIONS:

Straight Tailpipes (14")..... P/N 33204..... Pr.
Muffler w/8" Tailpipe (no heat exchanger) P/N 33205..... ea
Muffler w/8" Tailpipe & Heat Exchanger. P/N 33206-1..... ea

COMPLETE STANDARD CROSSOVER SYSTEM PRICES

Basic System with Two Straight 14" Tailpipes.

Ass'y # 33270.....

Basic System for O-320B w/o Tailpipes. Ass'y # 33270-1.....

System with 2 Mufflers, Removable 8" Tailpipes & No Heat Shrouds.

Ass'y # 33272.....

System w/2 Mufflers, 1 Heat Shroud for either Cabin heat or Carb.

heat..... Ass'y # 33274.....

System w/2 Mufflers, Both w/ Heat Shrouds for Cabin heat & C arb.

heat..... Ass'y # 33276.....

Stainless Crossover Systems for IO-360 (200HP)

Please specify front (35), bottom (40), or rear injector (45)

P/N 08-057--.....

(Does not include tailpipes or heat muffs)

SPECIAL CROSSOVER SYSTEM FOR VERY TIGHTLY COWLED AIRCRAFT

Designed for the Thorpe T-18, RV-6, 7 7 8, Mustang II, and others using Lyc O-320 to O-360 engines

Basic System with all Collector Tubes — Please furnish exact engine designation to insure proper fit. P/N 33250.....

Special Mufflers for the T-18 with Heat Shrouds for Cabin Heat and Carb. Heat. P/N 33250-1..... Ea.

Special Tailpipes for the T-18 (to be used when mufflers are not used). Comes with same ball joint as the mufflers and an attaching bracket. P/N 33250-2..... Pr.

NOTE: PRODUCTS ON THIS PAGE ARE FOR EXPERIMENTAL AIRCRAFT AND ARE NOT FAA APPROVED. ALL EXHAUST SYSTEMS ARE SPECIAL ORDER AND ARE NON RETURNABLE

EP