

SONEX, XENOS & WAIEX POWER

If you are building a Sonex, Xenos, or a Waix - we can power your aircraft! We have many options available - complete with a crankshaft built for aircraft use! Give us a call and we can assist you in your decision process to find the right engine for you - single ignition or dual, in a kit or assembled - have it your way!

Our 2180cc or 2276cc direct drive engine fits within the Sonex cowls and our Diehl Accessory Case bolts right on to the Sonex engine mounts and exhausts.

Each kit or engine ships with our Assembly Manual and 4 hour two DVD Assembly video.



Gene Fulmer's Sonex with a GPASC 2180cc

The most popular Engine Option for the Sonex:

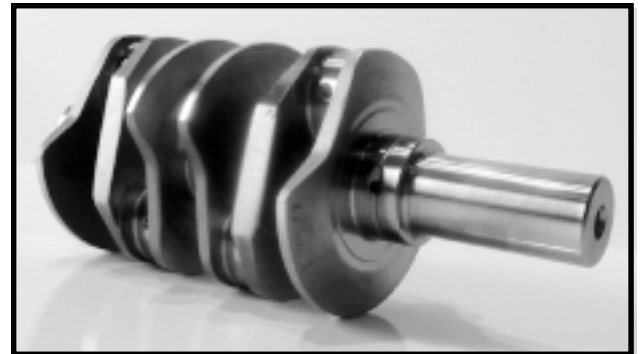
2180cc or 2276cc Direct Drive Engine Kit	\$4295.00
Accessory Package #1 with the 4220 Magneto *	<u>\$1900.51</u>
Total for the 2180cc or 2276cc Engine Kit and Accessory Package #1	\$6195.51

* Upgrade to the Slick 4316 Magneto and M2266 for \$790.69.

Options:

Dual Igniton - Accessory Package #6	\$692.95
Engine Assembly & Crating	\$550.00

Our forged 82mm crankshaft is unlike any other crankshaft made. It is made from a one piece forged steel billet, super polished, magnafluxed, nitrited and balanced. It is manufactured from a 100% USA forged billet and is 100% machined in the USA. The thread is 1/2" fine thread and extends 2.5" into the crankshaft, of which the first 1" there is no thread. The woodruff key is flat and only .090" deep. There is no snap ring groove in the crank. It has a failure rate of "0".



Above: GPASC Top Bug 82mm Aircraft Crankshaft

Our Force One Prop Hub was designed many years ago as a result of having stroker crankshaft's break while using shrink fit and standard taper hubs. Funny how history repeats itself? The hub is made from 4140 pre-heat treated steel. The hub extends out 3.675" from the end of the case.

Right: Force One Hub and Force One Bearing



Billy Brock's Sonex with a GPASC 2180cc

We also supply many Sonex, Xenos & Waix aircraft with our **Hydraulic Brakes Kit**. This kit fits on a 5" or 6" Azusa wheel. Your choice of Master Cylinder can be used. More information can be found on Page 52.

