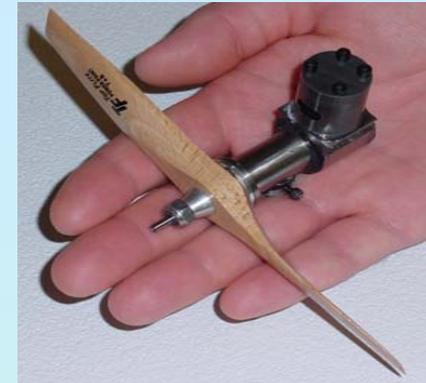


## 0.1 hp / 75 Watt Heavy Fuel Engine



Objective	Custom design for MAVs, Micro-Generator Sets	
Type	Piston, 2-stroke cycle	
Fuel Usable	JP-8 + 0.3% 2-stroke oil, No Volatile Additives	
Displacement	0.050 cu. in.	0.82 cc
Power Goal	0.1 hp	75 Watts
Power Demonstrated	0.12 hp	90 Watts
SFC Goal	1.25 lbs/bhp-hr	0.75 kg/kW-hr
SFC Achieved	1.25 lb/hp-hr	0.75 kg/kW-hr
Comments	<b>Engine Achieved Most Goals</b> , but Suffers from 'Square-Cube' laws of physics.	