

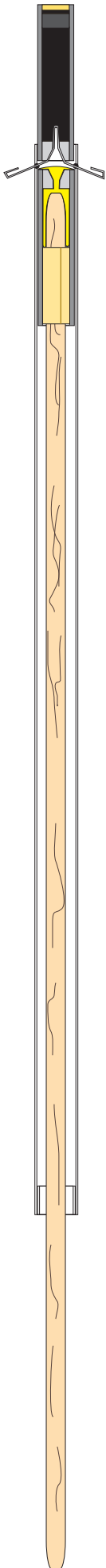
# REALLY Cheap & Dirty Micro Piston Launcher:

Empty Motor Casing & Bamboo Skewer construction

Design & Dwg by John E McCoy Sr. - Nar-1573 I - Aug 27, 2001

1 inch  
square

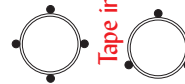
Dwg A1-1a



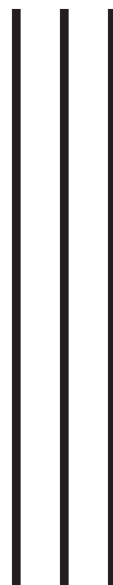
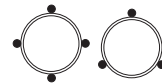
30ga (.010") Bare Nichrome Igniter  
bent to insert 3/8" into motor



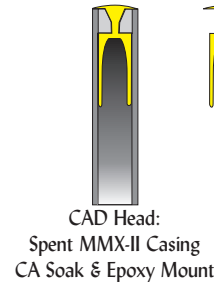
Tape in Place 3" x .040" Carbon Fiber anti-tip off Guide rods



Optional T2+ +  
.316" OD - .290" ID  
x 1/2" Long Tape on  
3" Guide rod base.



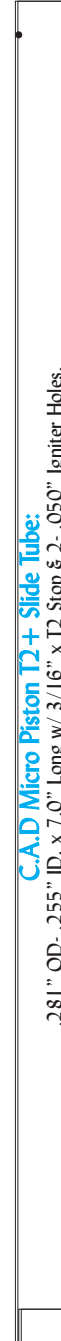
Add-on guides  
Make 3 or 4  
.040" x 3.0"  
Carbon Fiber,  
Styrene or  
Bamboo.



CAD Head:  
Spent MMX-II Casing  
CA Soak & Epoxy Mount



5min. Epoxy fill.



C.A.D Micro Piston T2 + Slide Tube:

.281" OD-.255" ID, x 7.0" Long w/ 3/16" x T2 Stop & 2-.050" Igniter Holes.

1/8" to 3/16" x 9.0" Long Bamboo Skewer stick or Dowel



Several Wraps  
Standard 1/2"  
Masking Tape



C.A.D Micro Piston T2 + Slide Tube:

.281" OD-.255" ID, x 7.0" Long with 2-.050" Igniter Holes 3/16" from forward end..

T2

.246" OD  
x 3/16" Long  
Slide Tube Stop