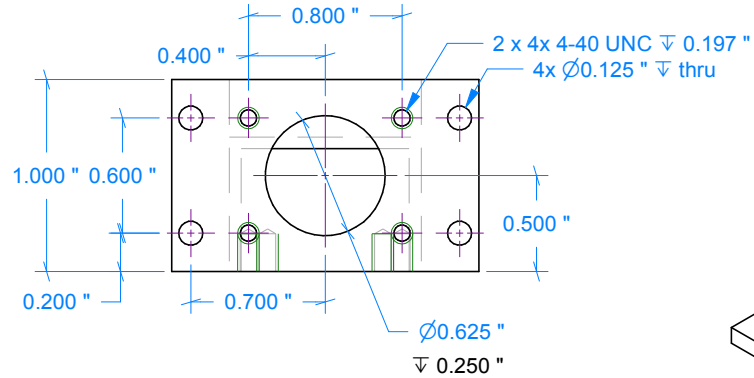
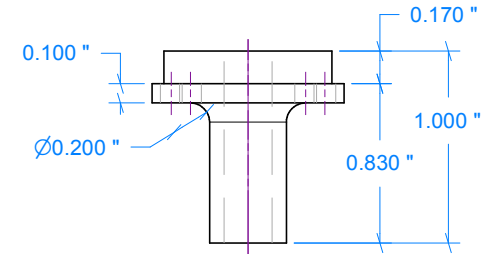
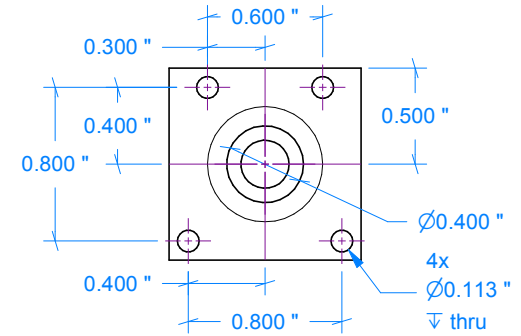
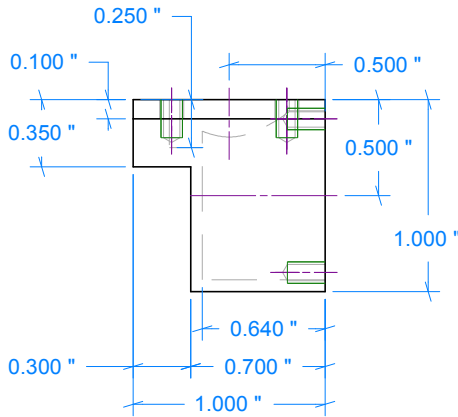
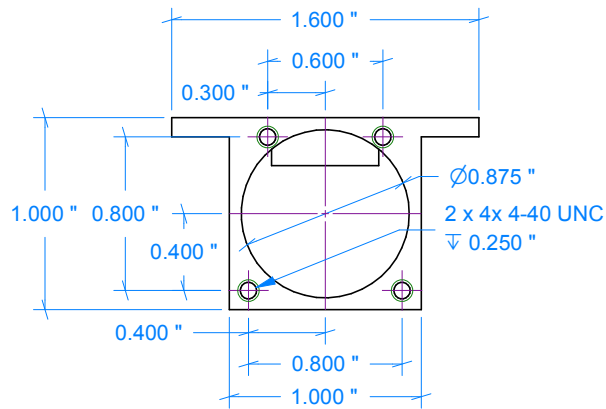


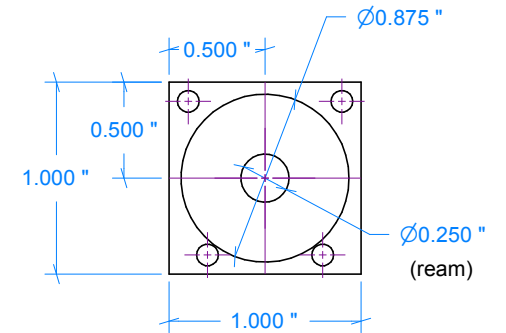
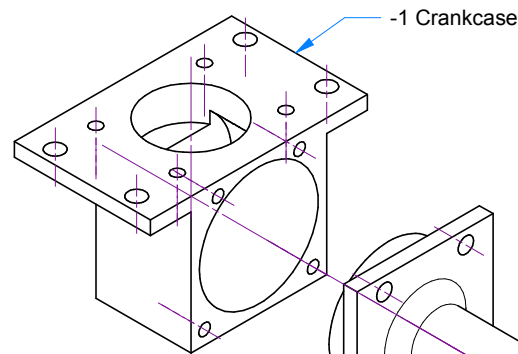
### BJ Cicada

Bore: 0.437" (11.10mm)  
 Stroke: 0.554" (14.07mm)  
 Displacement: 0.093 cuin (1.362cc)

	Drawn: <i>Ron C</i>	Date: 2012-08-22	
	Title: <b>BJ Cicada</b>	Designed by: <i>Chris Boll</i> <i>Rob Jenkins</i>	



-1 Crankcase  
(1" □ Aluminum 2024-T3)



-2 Front Bearing  
(1" □ Aluminum 2024-T3)

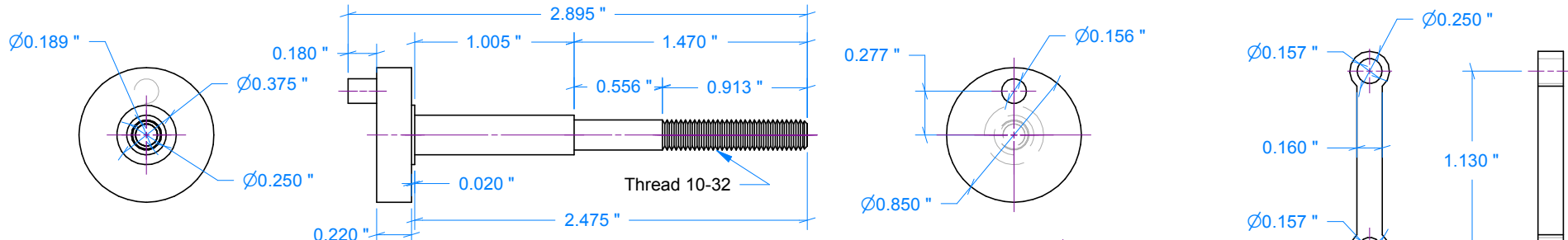
4-40 x 1/4"  
Machine Screw  
(4)

Fastener options

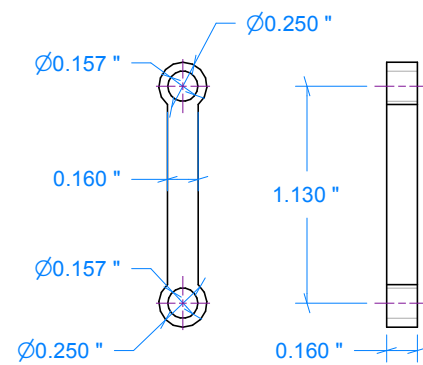
6BA: Drill #42 to tap, #33 to clear.  
4-40: Drill #43 to tap, #33 to clear

Scale 1:1

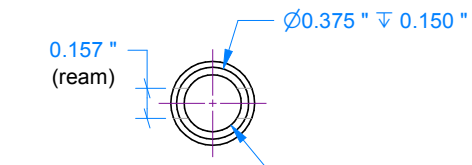
	Drawn: <i>Ron C</i>	Date: 2012-08-22	
	Title: <b>BJ Cicada</b>		Sheet: <b>2</b>
Designed by: <i>Chris Boll</i> <i>Rob Jenkins</i>			



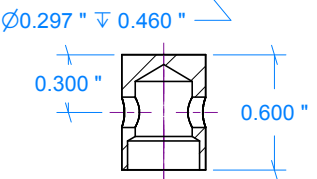
**-1 Crankshaft**  
( $\varnothing$  0.875" Steel L24)



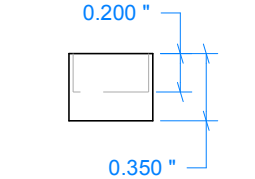
**-4 Conrod**  
(Aluminum 2024-T3)



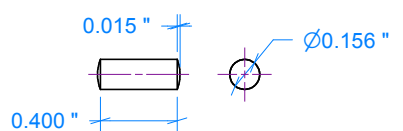
Section B-B



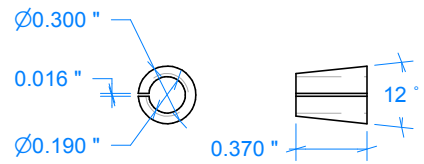
**-6 Piston**  
(Grey Cast Iron)



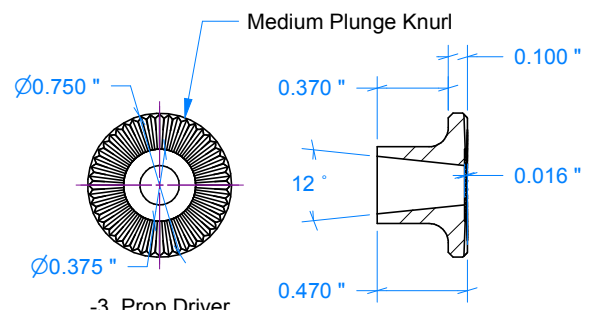
**-7 Contra-piston**  
(Grey Cast Iron)



**-5 Wrist Pin**  
( $\varnothing$  5/32" Drill Rod)

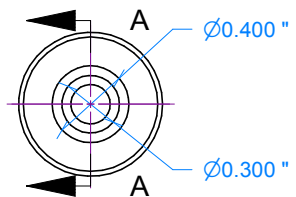


**-2 Collet**  
( $\varnothing$  .375" Brass)

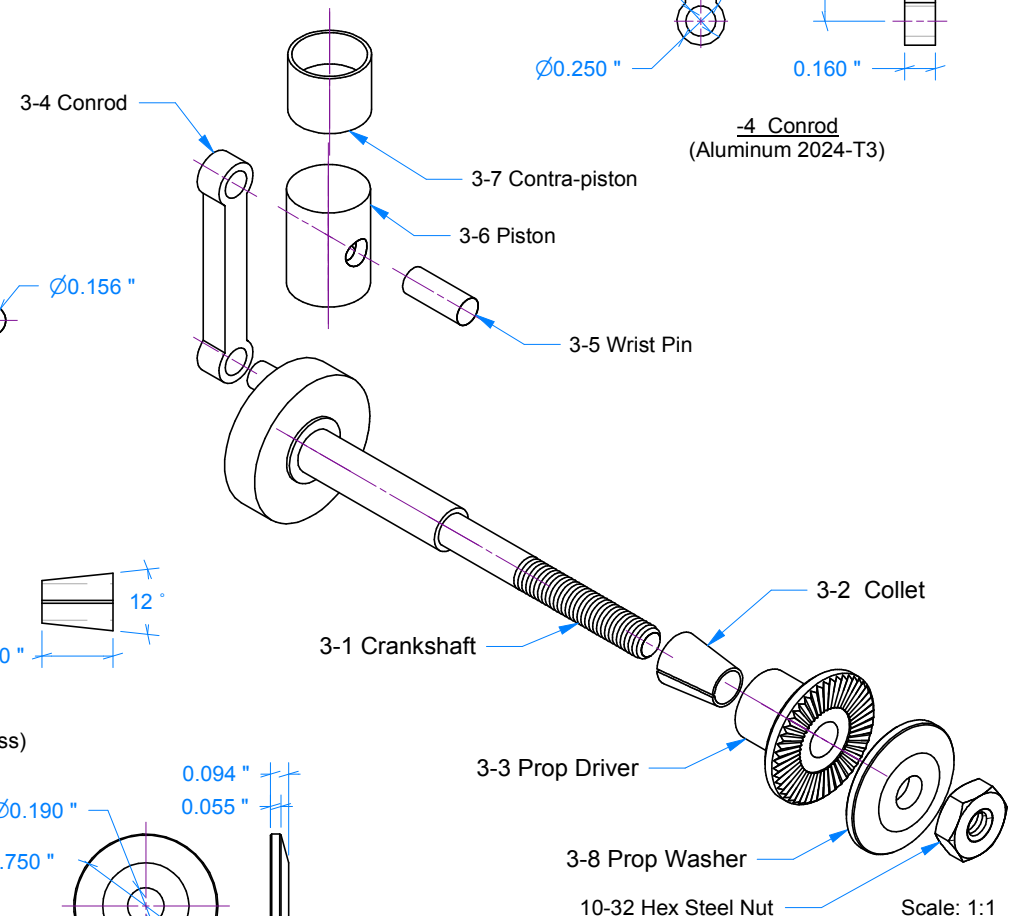


**-3 Prop Driver**  
( $\varnothing$  .75" Aluminum 2024-T3)

Section A-A

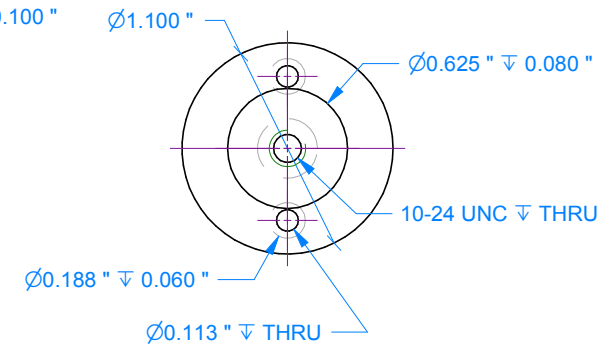
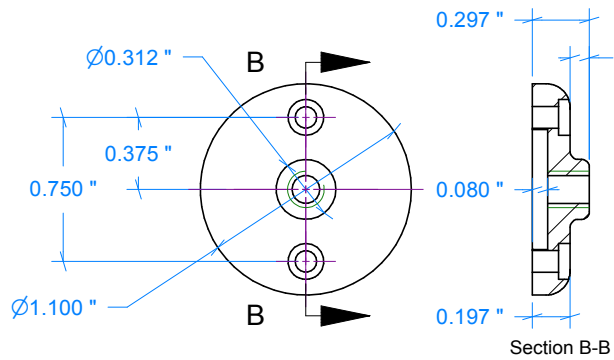
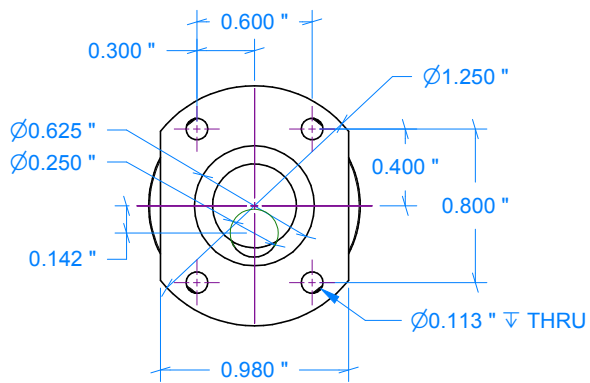


**-8 Prop Washer**  
( $\varnothing$  .75" Aluminum)

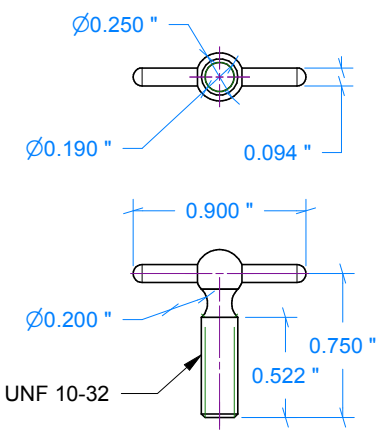
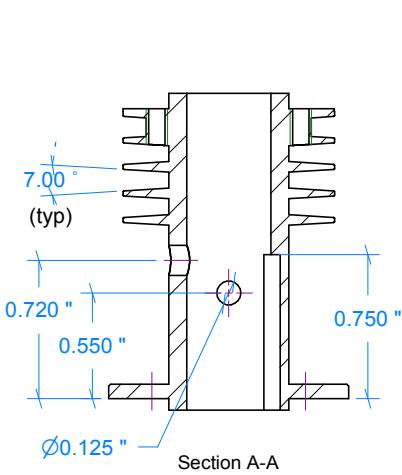
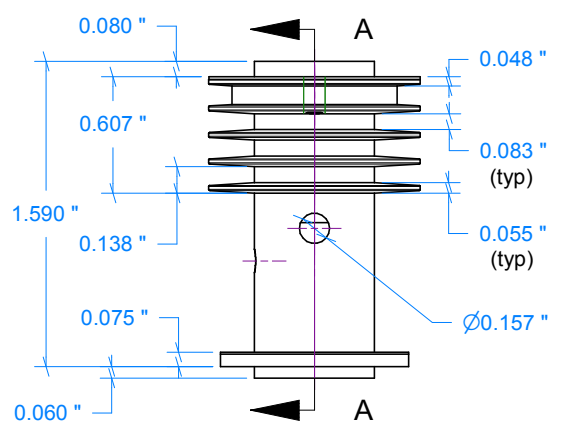


	Drawn: <i>Ron C</i>	Date: 2012-08-02	
	Title: <b>BJ Cicada</b>	Designed by: <i>Chris Boll</i> <i>Rob Jenkins</i>	Sheet: <b>3</b>

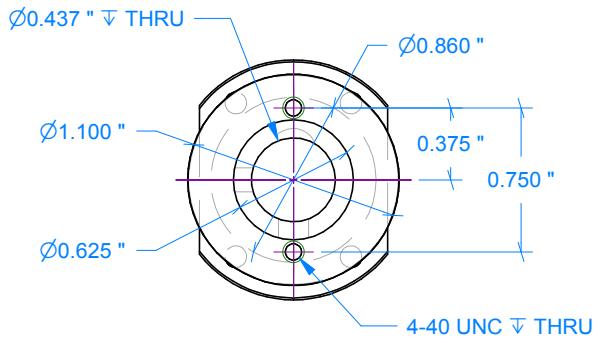
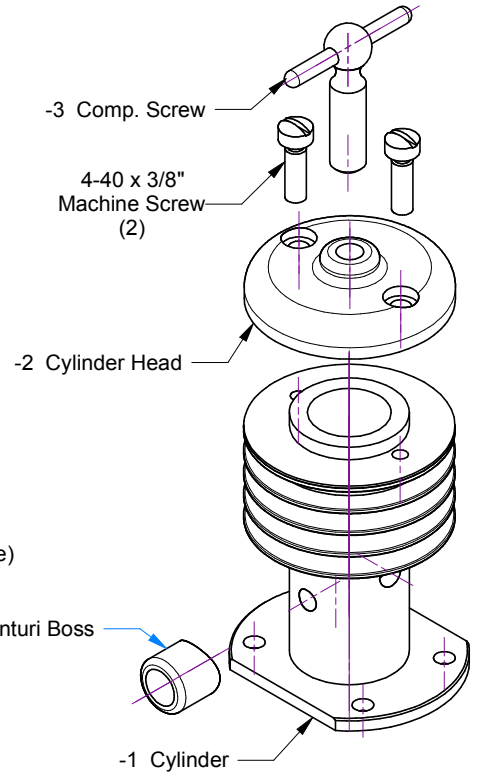
Scale: 1:1



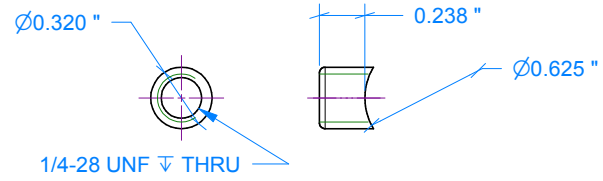
**-2 Cylinder Head**  
( $\varnothing$  1.25" Aluminum 2024-T3)



**-3 Compression Screw**  
( $\varnothing$  1/4" Brass +  $\varnothing$  3/32" Piano Wire)



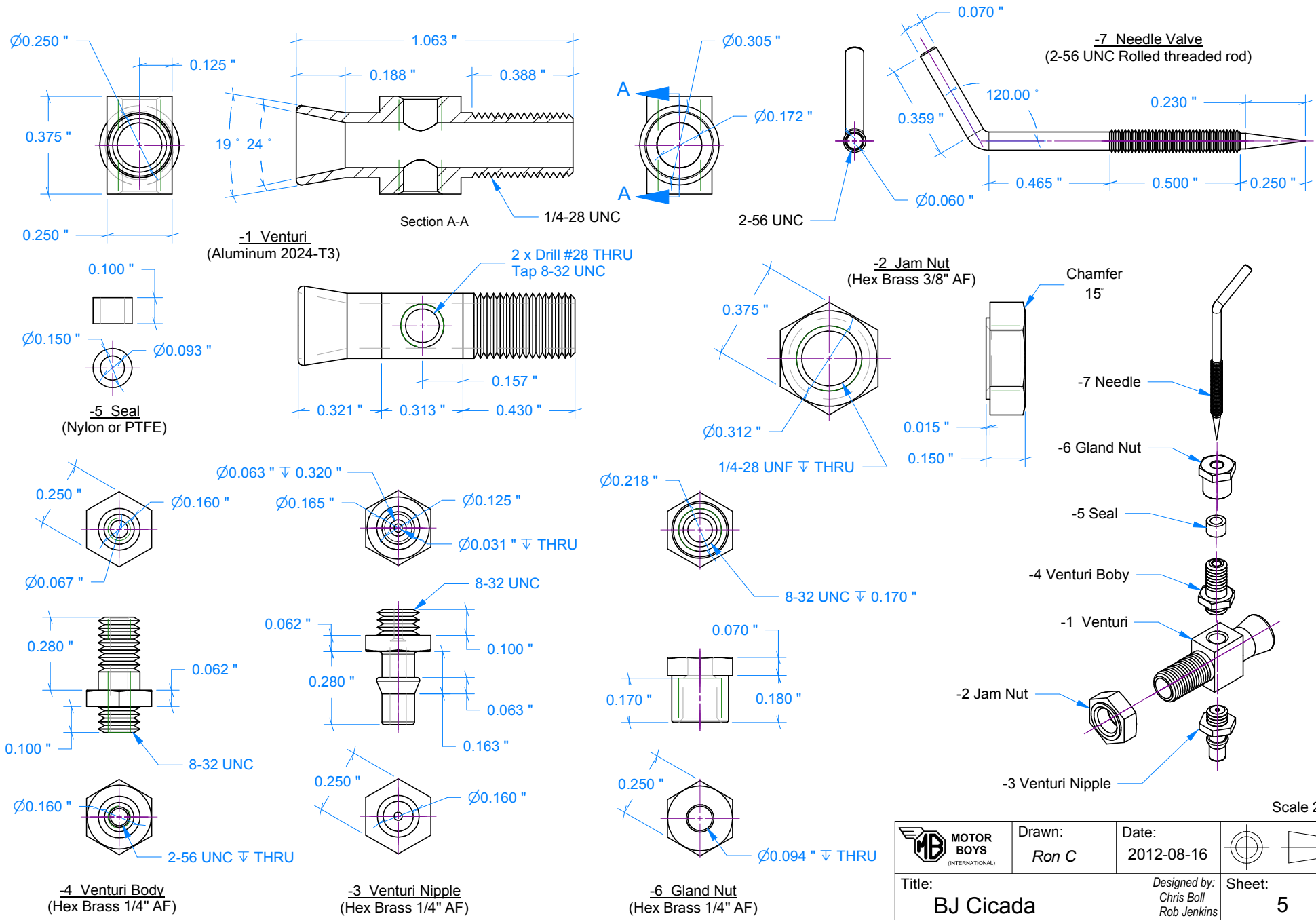
**-1 Cylinder**  
( $\varnothing$  1.25" Steel L24)



**-4 Venturi Boss**  
(Steel, silver braze to -1)

Scale 1:1

	Drawn: <i>Ron C</i>	Date: 2012-08-05	
	Title: <b>BJ Cicada</b>	Designed by: <i>Chris Boll</i> <i>Rob Jenkins</i>	Sheet: <b>4</b>



	Drawn: <i>Ron C</i>	Date: 2012-08-16		
	Title: <b>BJ Cicada</b>		Designed by: <i>Chris Boll</i> <i>Rob Jenkins</i>	Sheet: <b>5</b>