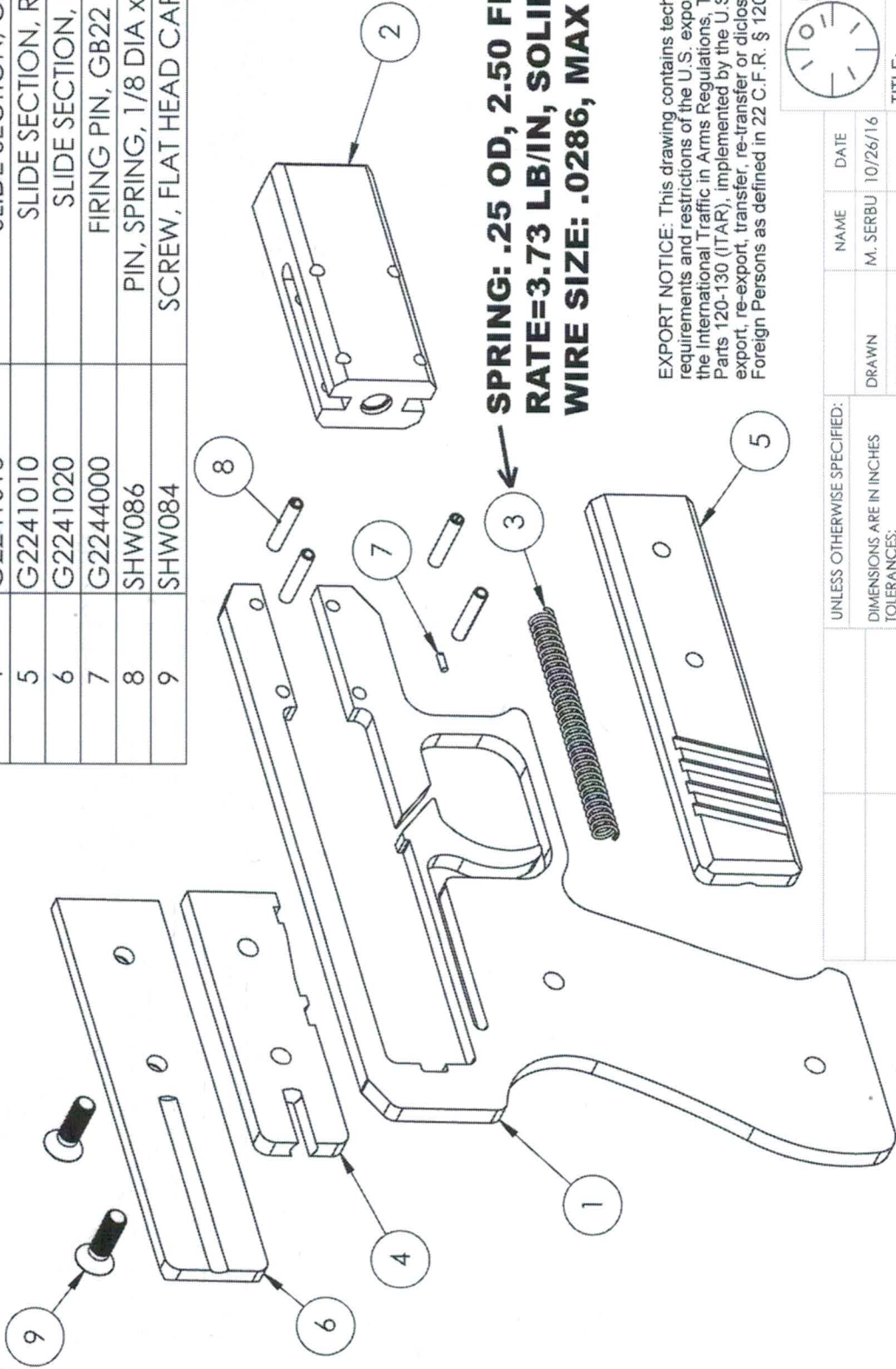


NOTES (UNLESS OTHERWISE SPECIFIED):
1. INTERPRET DRAWING PER ASME Y14.100
2. BREAK ALL SHARP EDGES R.010 MAX

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	G2228000	FRAME, GB22 BASIC	1
2	G2230000	BARREL, GB22, BASIC	1
3	SHW0082	SPRING, COMPRESSION, 02311611	1
4	G2241015	SLIDE SECTION, CENTER	1
5	G2241010	SLIDE SECTION, RIGHT	1
6	G2241020	SLIDE SECTION, LEFT	1
7	G2244000	FIRING PIN, GB22 BASIC	1
8	SHW086	PIN, SPRING, 1/8 DIA x .62 LONG	4
9	SHW084	SCREW, FLAT HEAD CAP, 10-32 x .62	2



**SPRING: .25 OD, 2.50 FREE LENGTH
RATE=3.73 LB/IN, SOLID HEIGHT: .737
WIRE SIZE: .0286, MAX LOAD: 6.58**

EXPORT NOTICE: This drawing contains technical data subject to the licensing requirements and restrictions of the U.S. export control laws, including but not limited to the International Traffic in Arms Regulations, Title 22 of the Code of Federal Regulations Parts 120-130 (ITAR), implemented by the U.S. Department of State. Any unauthorized export, re-export, transfer, re-transfer or disclosure to unauthorized parties, including Foreign Persons as defined in 22 C.F.R. § 120.1, is therefore prohibited.

SERBU FIREARMS, INC
TAMPA, FLORIDA

TITLE:
**GUN, GB-22
BASIC**

NAME	DATE
M. SERBU	10/26/16
DRAWN	
CHECKED	
ENG APPR.	
MFG APPR.	
Q.A.	
COMMENTS:	

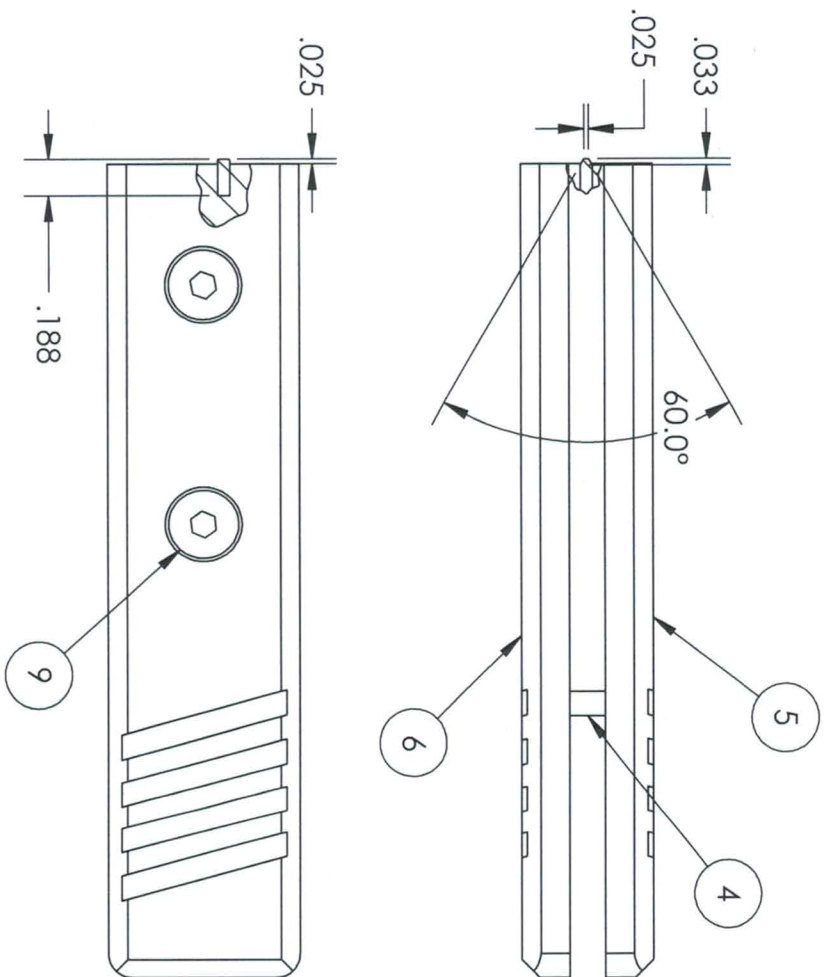
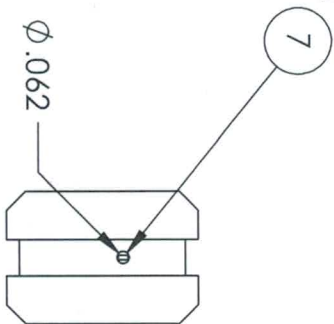
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ±
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005
INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL
FINISH

DO NOT SCALE DRAWING
APPLICATION
NEXT ASSY
USED ON

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
SERBU FIREARMS, INC. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
SERBU FIREARMS, INC. IS PROHIBITED.

SIZE	DWG. NO.	REV
A	G2210000REVA	
SCALE: 2:3	CAGE: 3PCF5	SHEET 1 OF 2

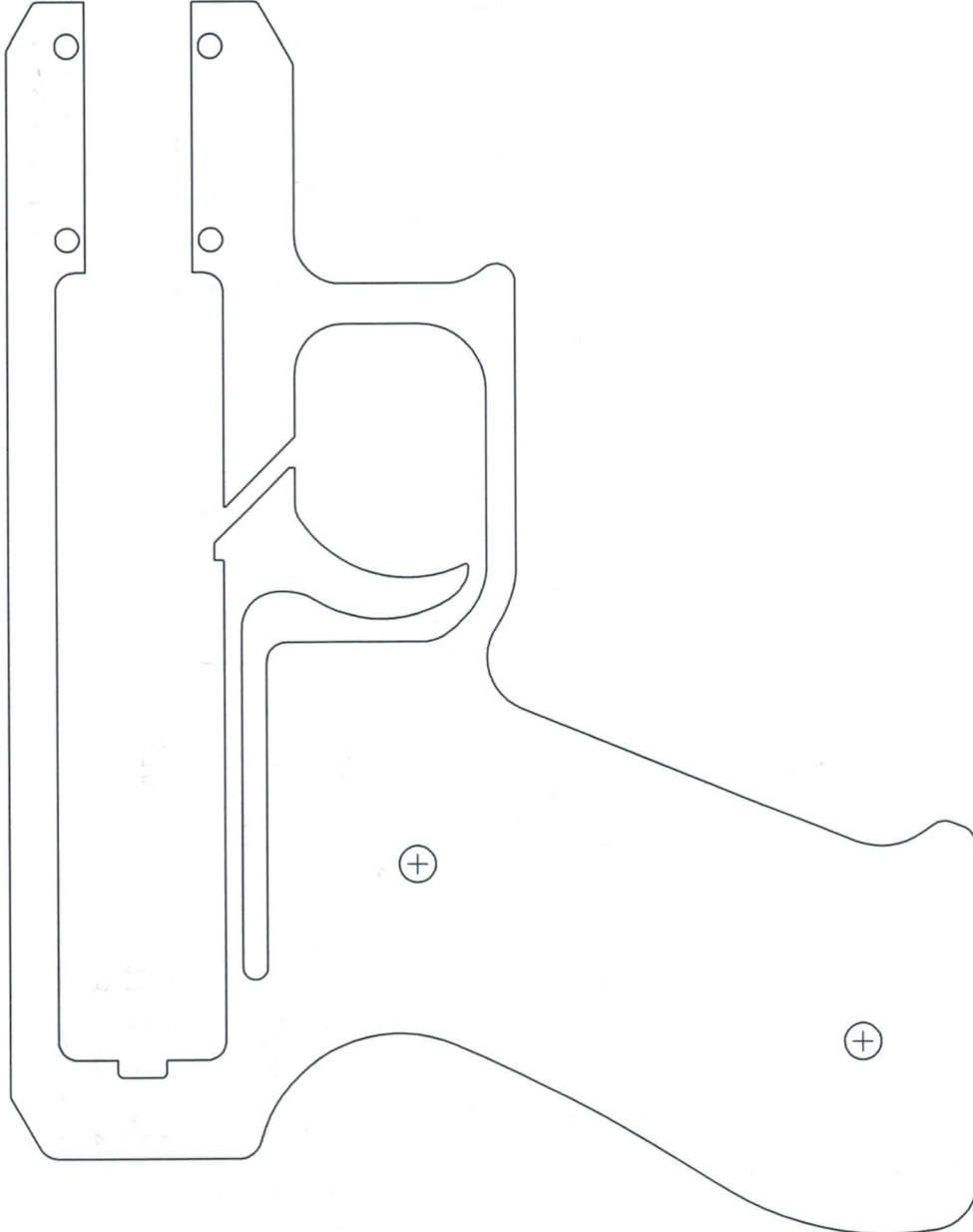
MAKE FIRING PIN FROM 1/16" HARDENED
ALLOY DOWEL PIN OR 01 DRILL ROD
HARDENED TO RC 57-61. LOCTITE, SOLDER
OR STAKE IN PLACE AT DIMENSION AND
ORIENTATION SHOWN



SLIDE ASSEMBLY

EXPORT NOTICE: This drawing contains technical data subject to the licensing requirements and restrictions of the U.S. export control laws, including but not limited to the International Traffic in Arms Regulations, Title 22 of the Code of Federal Regulations Parts 120-130 (ITAR), implemented by the U.S. Department of State. Any unauthorized export, re-export, transfer, re-transfer or disclosure to unauthorized parties, including Foreign Persons as defined in 22 C.F.R. § 120.1, is therefore prohibited.

PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SERBU FIREARMS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SERBU FIREARMS, INC. IS PROHIBITED.			SIZE	DWG. NO.	REV
A			G2210000REVA		
SCALE: 2:3			CAGE: 3PCF5	SHEET 2 OF 2	



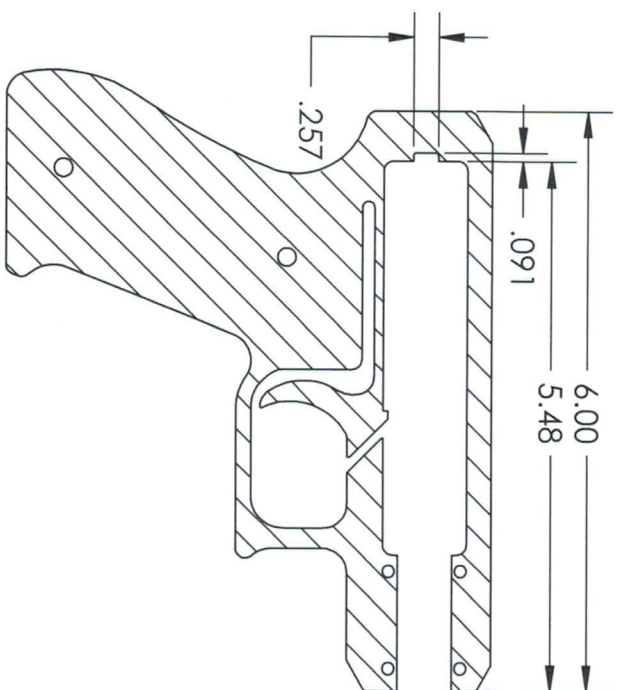
EXPORT NOTICE: This drawing contains technical data subject to the licensing requirements and restrictions of the U.S. export control laws, including but not limited to the International Traffic in Arms Regulations, Title 22 of the Code of Federal Regulations Parts 120-130 (ITAR), implemented by the U.S. Department of State. Any unauthorized export, re-export, transfer, re-transfer or disclosure to unauthorized parties, including Foreign Persons as defined in 22 C.F.R. § 120.1, is therefore prohibited.

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
SERBU FIREARMS, INC. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
SERBU FIREARMS, INC. IS PROHIBITED.

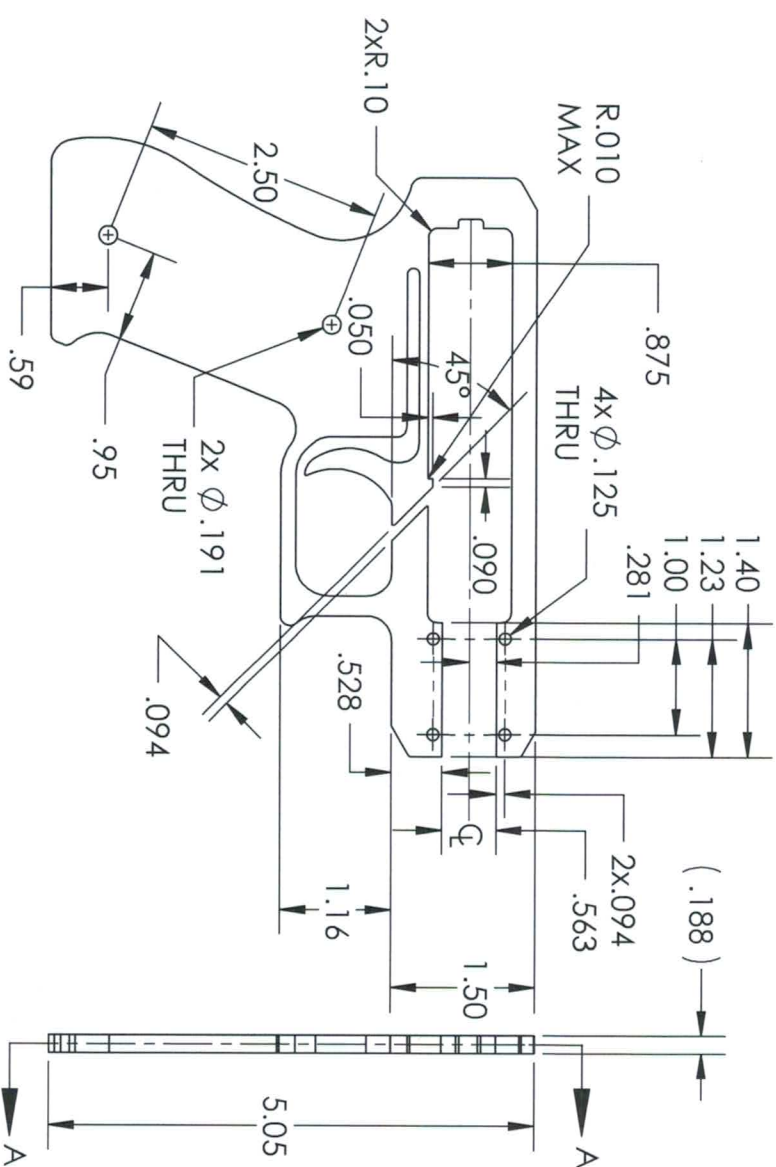
SIZE	DWG. NO.	REV
A	G2228000	-
SCALE: 1:1	CAGE: 3PCF5	SHEET 2 OF 2

NOTES (UNLESS OTHERWISE SPECIFIED):

1. INTERPRET DRAWING PER ASME Y14.100
2. BREAK ALL SHARP EDGES R.010 MAX
3. ASTM A-36 OR AISI 4130, 3/16" THICK. REDUCE AS REQUIRED TO ACHIEVE .003-.010 UNDER THICKNESS OF G2241015
4. HEAT TREAT: 4130 TO BE THROUGH HARDENED RC42-44
FINISH: MANGANESE PHOSPHATE
5. DIMENSIONS NOT GIVEN MAY BE SCALED FROM
VIEW ON SHEET 2 OF THE DRAWING



SECTION A-A



EXPORT NOTICE: This drawing contains technical data subject to the licensing requirements and restrictions of the U.S. export control laws, including but not limited to the International Traffic in Arms Regulations, Title 22 of the Code of Federal Regulations Parts 120-130 (ITAR), implemented by the U.S. Department of State. Any unauthorized export, re-export, transfer, re-transfer or disclosure to unauthorized parties, including Foreign Persons as defined in 22 C.F.R. § 120.1, is therefore prohibited.

5

4

3

2

1

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
SERBU FIREARMS, INC. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
SERBU FIREARMS, INC. IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005

INTERPRET GEOMETRIC
TOLERANCING PER:
MATERIAL

FINISH

4

NAME DATE

M. SERBU 10/10/16



SERBU FIREARMS, INC.
TAMPA, FLORIDA

TITLE:

FRAME,
GB22 BASIC

SIZE DWG. NO.

A G22228000

REV

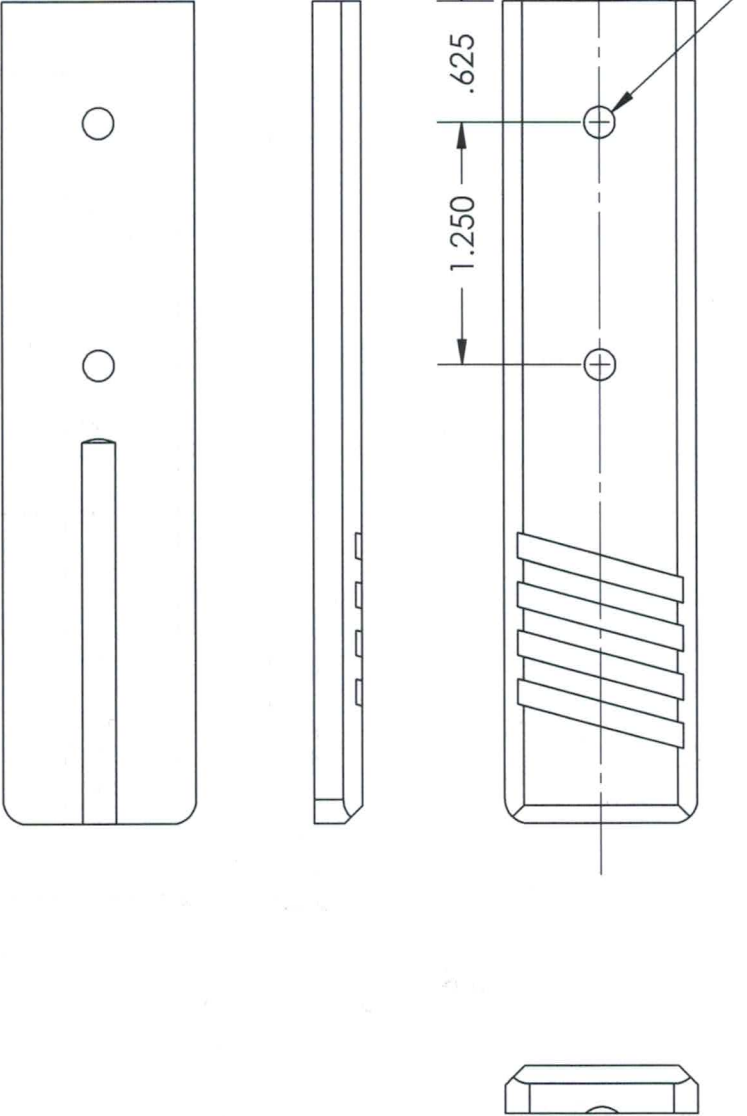
-

SCALE: 1:2 CAGE: 3PCF5 SHEET 1 OF 2

NOTES (UNLESS OTHERWISE SPECIFIED):

1. INTERPRET DRAWING PER ASME Y14.100
2. BREAK ALL SHARP EDGES R.010 MAX
3. PART IS A MIRROR IMAGE OF G2241020 AND ALL DIMENSIONS AND SPECIFICATIONS ARE TO BE DERIVED FROM THAT DRAWING WITH THE EXCEPTION OF THE TWO THREADED HOLES SPECIFIED BELOW

EXPORT NOTICE: This drawing contains technical data subject to the licensing requirements and restrictions of the U.S. export control laws, including but not limited to the International Traffic in Arms Regulations, Title 22 of the Code of Federal Regulations Parts 120-130 (ITAR), implemented by the U.S. Department of State. Any unauthorized export, re-export, transfer, re-transfer or disclosure to unauthorized parties, including Foreign Persons as defined in 22 C.F.R. § 120.1, is therefore prohibited.



		TITLE: SLIDE SECTION, RIGHT	
SIZE	DWG. NO.	REV	
A	G2241010		
SCALE: 1:1		CAGE: 3PCF5	SHEET 1 OF 1

UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DIMENSIONS ARE IN INCHES	M. SERBU	10/26/16
TOLERANCES:		
FRACTIONAL ±	DRAWN	CHECKED
ANGULAR: MACH ±		ENG APPR.
TWO PLACE DECIMAL ± .01		MFG APPR.
THREE PLACE DECIMAL ± .005		
INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.	COMMENTS:
MATERIAL		
FINISH		
USED ON		
APPLICATION		

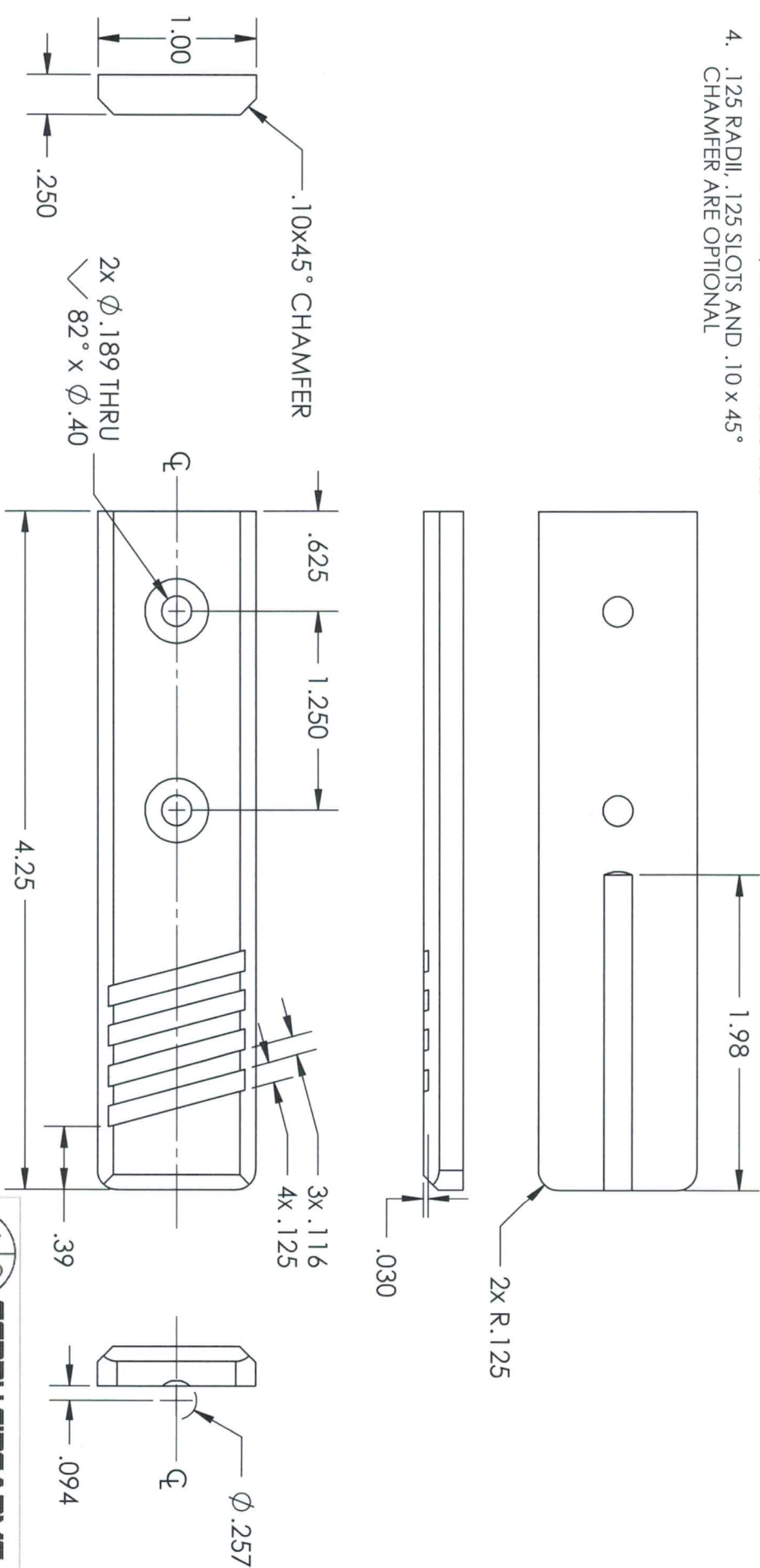
PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SERBU FIREARMS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SERBU FIREARMS, INC. IS PROHIBITED.

NOTES (UNLESS OTHERWISE SPECIFIED):

1. INTERPRET DRAWING PER ASME Y14.100
2. BREAK ALL SHARP EDGES R.010 MAX
3. MATERIAL: AISI 1018. OPTIONAL: CASE HARDEN RC 59-61, CASE DEPTH .015-.030
4. .125 RADII, .125 SLOTS AND .10 x 45° CHAMFER ARE OPTIONAL

EXPORT NOTICE: This drawing contains technical data subject to the licensing requirements and restrictions of the U.S. export control laws, including but not limited to the International Traffic in Arms Regulations, Title 22 of the Code of Federal Regulations Parts 120-130 (ITAR), implemented by the U.S. Department of State. Any unauthorized export, re-export, transfer, re-transfer or disclosure to unauthorized parties, including Foreign Persons as defined in 22 C.F.R. § 120.1, is therefore prohibited.



SERBU FIREARMS, INC
TAMPA, FLORIDA

TITLE:
**SLIDE SECTION,
LEFT**

UNLESS OTHERWISE SPECIFIED:		DRAWN	NAME	DATE
DIMENSIONS ARE IN INCHES			M. SERBU	10/26/16
TOLERANCES:		CHECKED		
FRACTIONAL ±		ENG. APPR.		
ANGULAR: MACH ± BEND ±		MFG APPR.		
TWO PLACE DECIMAL ± .01				
THREE PLACE DECIMAL ± .005				
INTERPRET GEOMETRIC		COMMENTS:		
TOLERANCING PER:				
MATERIAL				
FINISH				
MANGANESE				
PHOSPHATE				
APPLICATION				
NEXT ASSY				
USED ON				
DO NOT SCALE DRAWING				

SIZE DWG. NO. REV
A G2241020

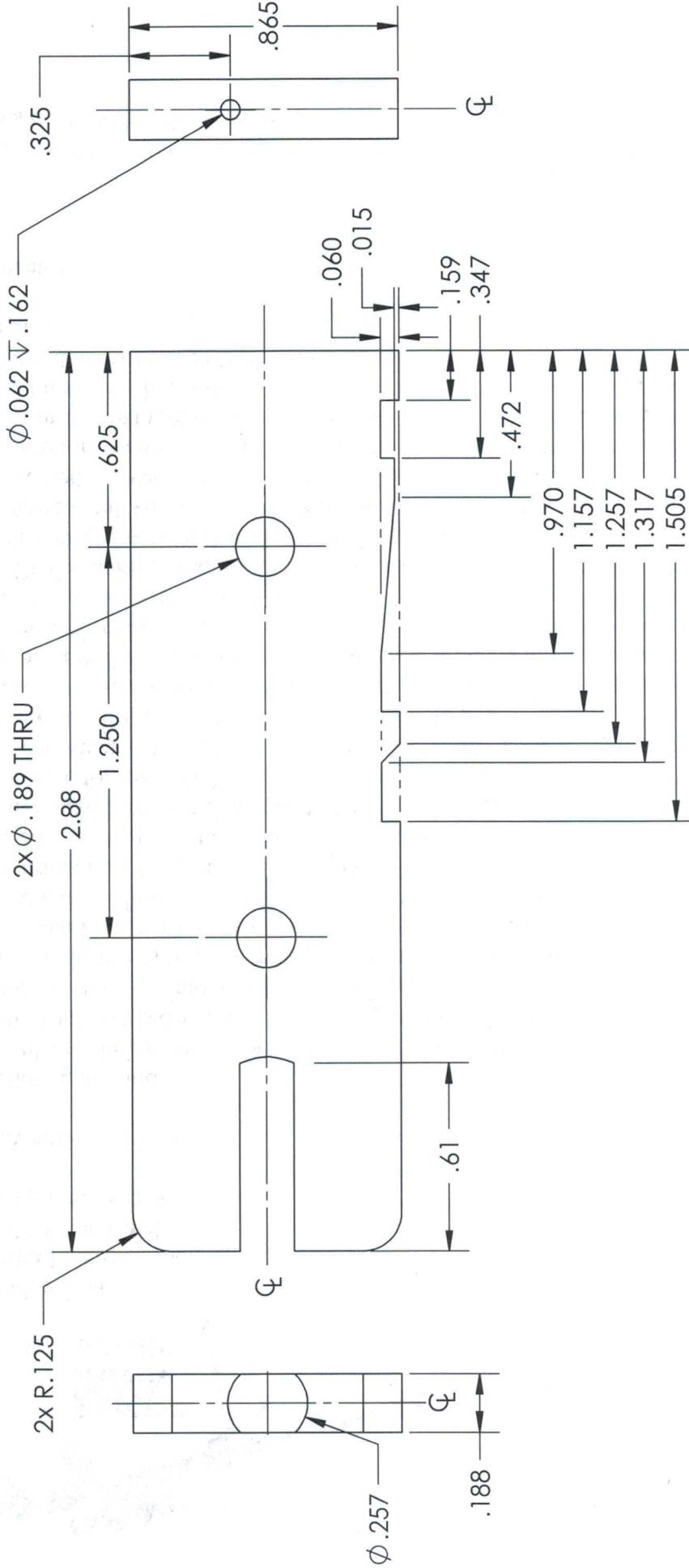
SCALE: 1:1 CAGE: 3PCF5 SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
SERBU FIREARMS, INC. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
SERBU FIREARMS, INC. IS PROHIBITED.

NOTES (UNLESS OTHERWISE SPECIFIED):

1. INTERPRET DRAWING PER ASME Y14.100
2. BREAK ALL SHARP EDGES R.010 MAX
3. MATERIAL: AISI 1018. OPTIONAL: CASE HARDEN RC 59-61, CASE DEPTH .015-.030

EXPORT NOTICE: This drawing contains technical data subject to the licensing requirements and restrictions of the U.S. export control laws, including but not limited to the International Traffic in Arms Regulations, Title 22 of the Code of Federal Regulations Parts 120-130 (ITAR), implemented by the U.S. Department of State. Any unauthorized export, re-export, transfer, re-transfer or disclosure to unauthorized parties, including Foreign Persons as defined in 22 C.F.R. § 120.1, is therefore prohibited.



SERBU FIREARMS, INC
TAMPA, FLORIDA



TITLE:

**SLIDE SECTION,
CENTER**

SIZE DWG. NO. REV
A G2241015

SCALE: 2:1 CAGE: 3PCF5 SHEET 1 OF 1

UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DRAWN	M. SERBU	10/25/16
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		
DIMENSIONS ARE IN INCHES		
TOLERANCES:		
FRACTIONAL ±		
ANGULAR: MACH ± BEND ±		
TWO PLACE DECIMAL ± .01		
THREE PLACE DECIMAL ± .005		
INTERPRET GEOMETRIC		
TOLERANCING PER:		
MATERIAL		
FINISH		
USED ON		
NEXT ASSY		
APPLICATION		
DO NOT SCALE DRAWING		

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
SERBU FIREARMS, INC. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
SERBU FIREARMS, INC. IS PROHIBITED.



Mark Serbu

Serbu Firearms, Inc.

5902 Johns Road

Tampa, FL 33634

November 11, 2016

Fellow gun builder:

Thanks for being one of the first to buy plans for my GB-22 pistol design! In case you don't know my story, I'm a life-long "gun nut" who was fortunate enough to be able to make my passion into a career. And because I've been a very ambitious student of

firearm design as well as having gotten a mechanical engineering degree along the way, I've been keenly aware that there is a huge void of actual, GOOD information on how to build guns. I have been designing and building firearms with my company, Serbu

Firearms, Inc., for just over 20 years and the information I'm passing on in these plans is the REAL DEAL. The drawings you're getting here contain the exact same information in the same format and are created by the same guy who's done all of our designs and

drawings for the past 20 years...ME. It's been very hard for me to make time for side projects such as this one as we've been incredibly busy for seemingly our entire time in business. Fortunately the GB-22 is so simple that I was able to find the time to design,

prototype and create the drawings for it in my spare time. And I'm hoping that so simple a project will make it easy for lots of home builders to experience how rewarding it is to create their own firearm from scratch! My short term plans for the GB-22 project include

creating a video that shows methods closer to how people will be building the gun, with no CNC machines required. We will also have an online forum where builders can share their ideas, experiences and pictures/videos from their builds. Because of U.S. ITAR

(International Traffic in Arms Regulations) restrictions, these drawings may not be sold, possessed or even shown to non-U.S. Citizens. As much as I want to help our poor brethren in countries around the world who could benefit from a simple, homemade

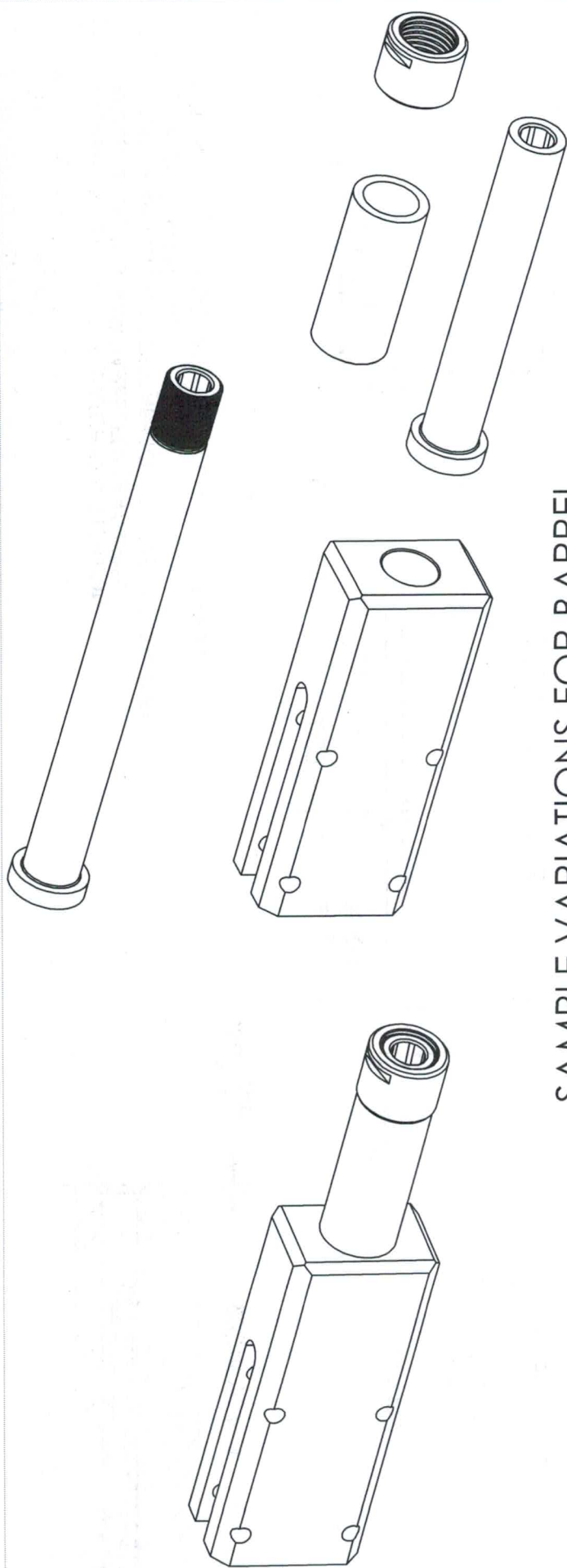
firearm, I won't risk jail for it. Yeah, I know...it's stupid that the U.S. would even care about a single-shot pistol like this, and they probably don't. But the law is the law. Please don't copy the plans and definitely don't upload them! Happy building and thanks

again!!

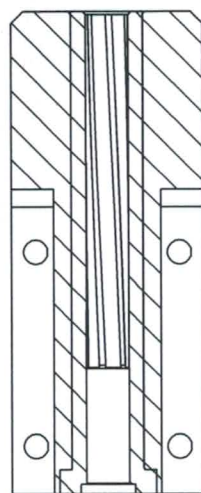
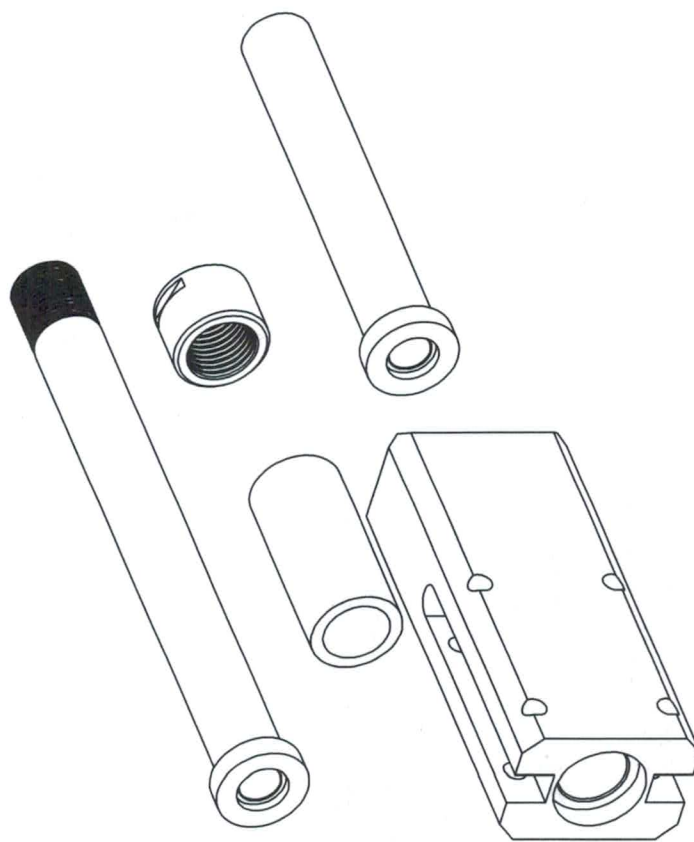
Sincerely,

Mark Serbu

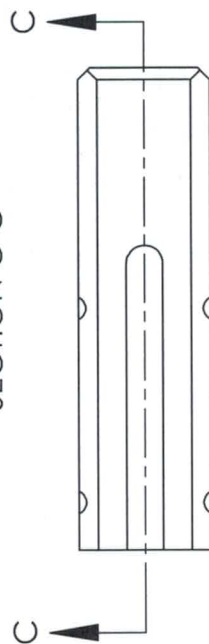
President, Serbu Firearms, Inc.



SAMPLE VARIATIONS FOR BARREL



SECTION C-C

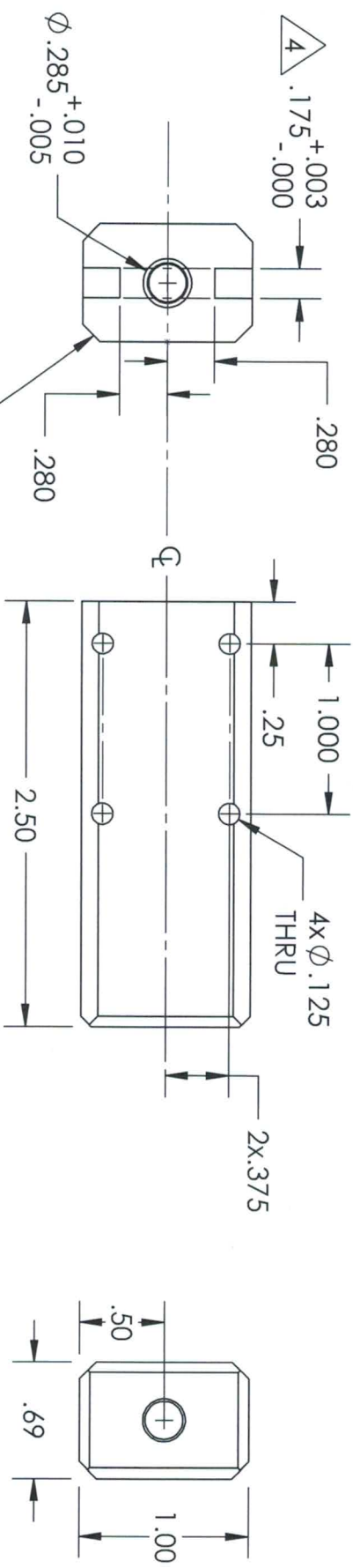
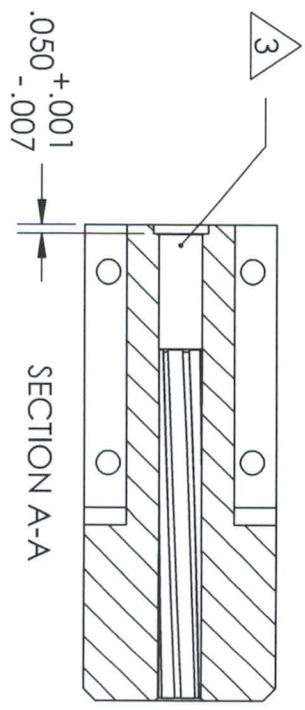


PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
SERBU FIREARMS, INC. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
SERBU FIREARMS, INC. IS PROHIBITED.

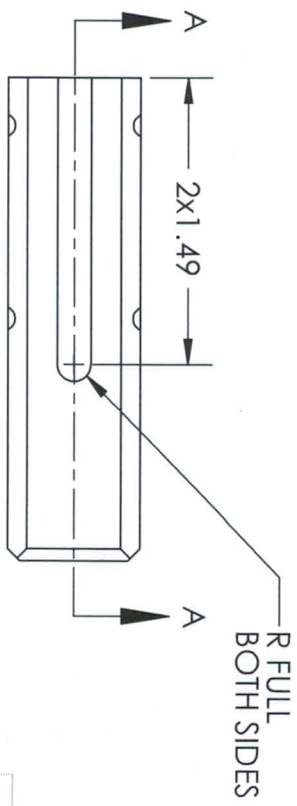
SIZE	DWG. NO.	REV
A	G2230000	
SCALE: 1:1	CAGE: 3PCF5	SHEET 2 OF 2

NOTES (UNLESS OTHERWISE SPECIFIED):

1. INTERPRET DRAWING PER ASME Y14.100
2. BREAK ALL SHARP EDGES R.010 MAX
3. CHAMBER PER SAAMI .22 LR MATCH SPECIFICATION BARREL: .22 LR, 1:16 TWIST BARREL PER SAAMI SPEC ADJUST DIMENSION AS NECESSARY TO ACHIEVE .001-.004 TOTAL CLEARANCE FOR FRAME
5. OPTIONALLY, .189 SLOTS MAY GO FULL LENGTH OF PART



OPTIONAL CHAMFER
ON EXTERNAL EDGES
AS SHOWN



EXPORT NOTICE: This drawing contains technical data subject to the licensing requirements and restrictions of the U.S. export control laws, including but not limited to the International Traffic in Arms Regulations, Title 22 of the Code of Federal Regulations, Parts 120-130 (ITAR), implemented by the U.S. Department of State. Any unauthorized export, re-export, transfer, re-transfer or disclosure to unauthorized parties, including Foreign Persons as defined in 22 C.F.R. § 120.1, is therefore prohibited.

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SERBU FIREARMS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SERBU FIREARMS, INC. IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED:			
DIMENSIONS ARE IN INCHES			
TOLERANCES:			
FRACTIONAL: ±			
ANGULAR: MACH ±			
BEND ±			
TWO PLACE DECIMAL ± .01			
THREE PLACE DECIMAL ± .005			
INTERPRET GEOMETRIC TOLERANCING PER:			
Q.A.			
COMMENTS:			
MATERIAL: AISI 1081			
FINISH: MANGANESE PHOSPHATE			
NEXT ASSY			
USED ON			
APPLICATION			



TITLE:
**BARREL,
GB22, BASIC**

SIZE	DWG. NO.	REV
A	G2230000	
SCALE: 1:1	CAGE: 3PCF5	SHEET 1 OF 2