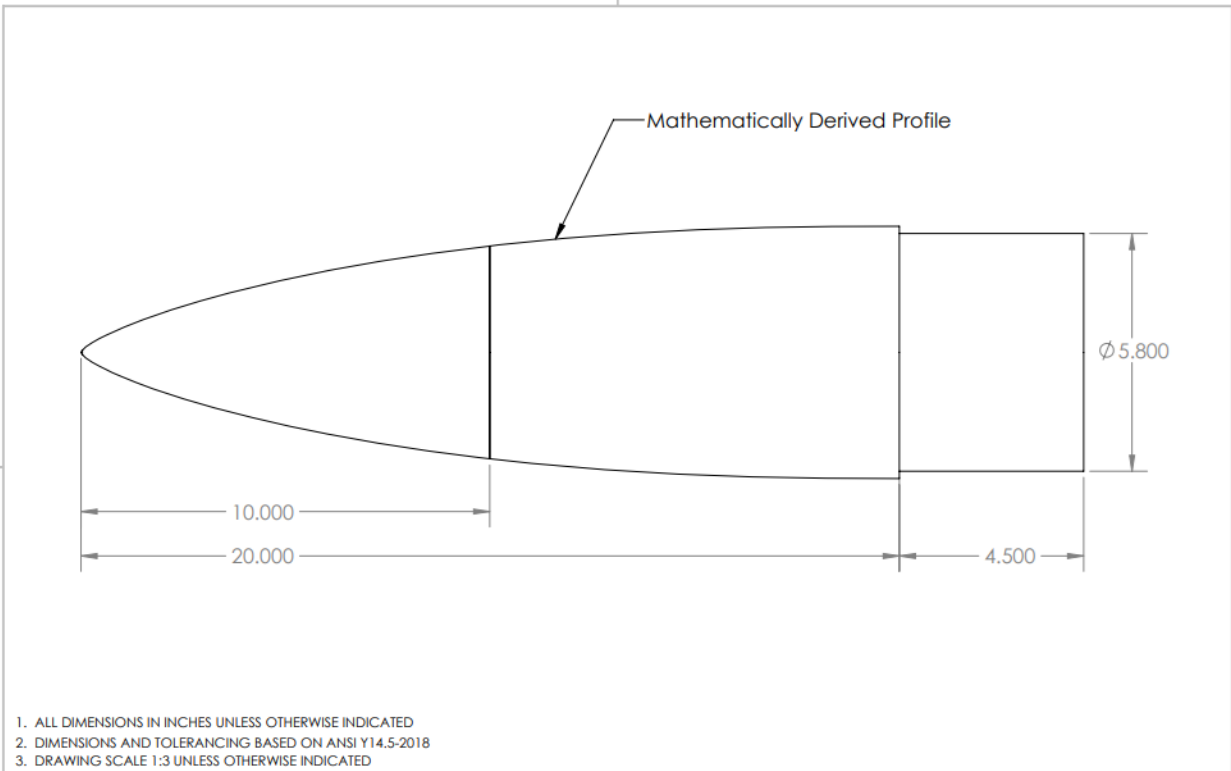
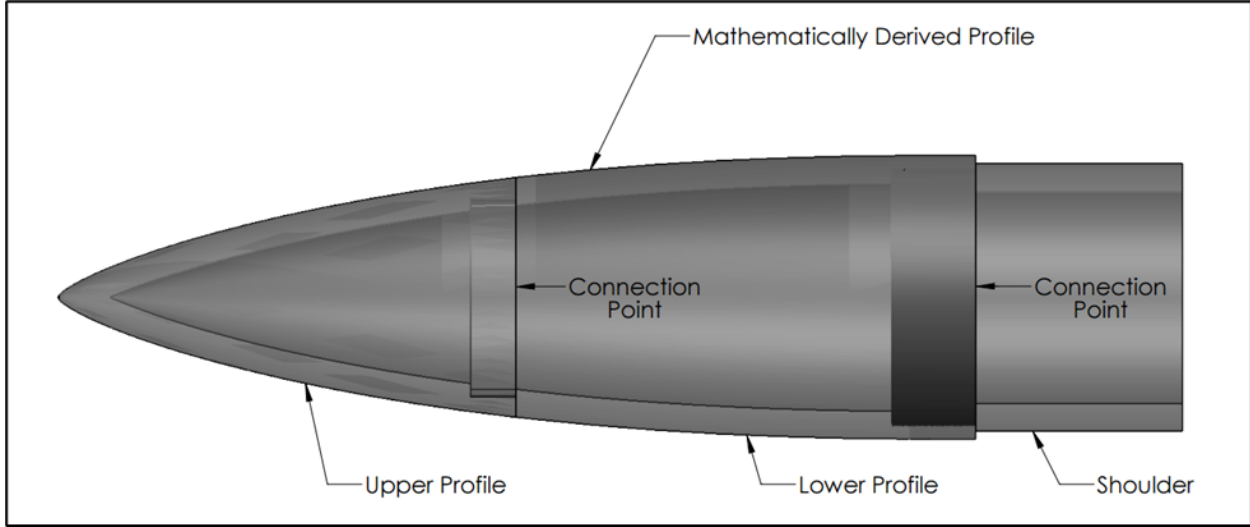

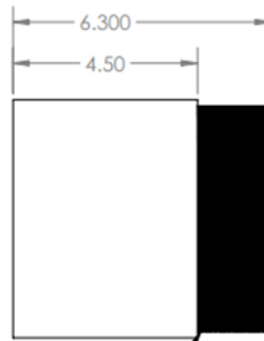
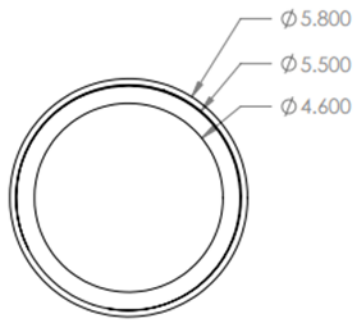


Nose Cone



1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
3. DRAWING SCALE 1:3 UNLESS OTHERWISE INDICATED

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			DRAWN:	ZACHARY L.	REVIEWED:	PEYTON B. - PRP&VD	11-21-2022	TITLE:		FS - NOSECONE ASSEMBLY			
			COMMENTS:	N/A			SIZE:	A		DWG. NO.:	N/A	REV:	A-
			SCALE: 1:3			WEIGHT: 6.0 LBS.				SHEET 1 OF 1			



STANDARD 5/16 - 18 DIE

1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
3. DRAWING SCALE 1:3 UNLESS OTHERWISE INDICATED

PRINT SPECS (ONLY INCLUDE IF PART IS 3D PRINTED):

LAYER HEIGHT: 0.15 mm
 INFILL DENSITY: 80%
 INFILL PATTERN: TRIANGULAR
 NOZZLE TEMPERATURE: 235°C
 BUILD PLATE TEMPERATURE: 110°C
 PRINT SPEED: 60 mm/s
 SUPPORT STRUCTURE: TREE AT 45° OVERHANG
 SUPPORT PATTERN: ZIGZAG
 SUPPORT DENSITY: 10%
 BUILD PLATE ADHESION TYPE: BRIM



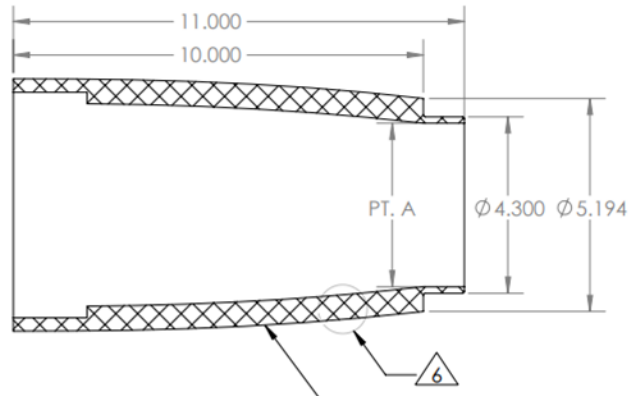
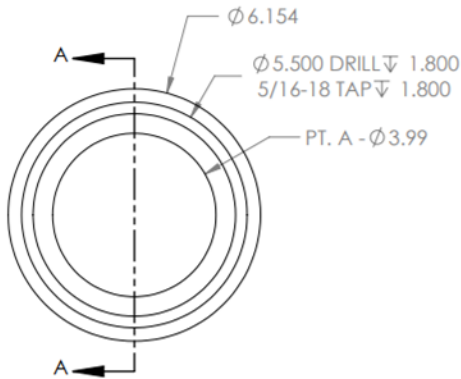
PROPRIETARY AND CONFIDENTIAL
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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS IN INCHES
 TOLERANCES:
 X.X ± 0.1
 X.XX ± 0.01
 X.XXX ± 0.003
 ANGLES ± 0.5°
 MATERIAL:
 ACRYLONITRILE BUTADIENE STYRENE

	NAME	DATE
DRAWN	PEYTON B.	11-20-2022
REVIEWED	ZACHARY L.	11-21-2022
ENG. LEAD - DEPT.	PEYTON B. - PRP&VD	11-21-2022

COMMENTS:
 - COMPONENT TO BE PRINTED USING ACRYLONITRILE BUTADIENE FILAMENT **ONLY**

The Zenith Program <small>American Institute of Aeronautics and Astronautics - FAMU-FSU College of Engineering</small>		
TITLE FS - NOSECONE - SHOULDER		
SIZE A	DWG. NO. N/A	REV A-
SCALE: 1:3	WEIGHT: 1.7 LBS.	SHEET 1 OF 1



SECTION A-A
SCALE 1 : 3

1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
3. ALL FILLET RADII 0.05 UNLESS OTHERWISE INDICATED
4. ALL CORNER RADII 0.05 INCHES UNLESS OTHERWISE INDICATED
5. DRAWING SCALE 1:3 UNLESS OTHERWISE INDICATED

0.50 SHELLED THICKNESS TRU AND CONSTANT

PRINT SPECS (ONLY INCLUDE IF PART IS 3D PRINTED):

LAYER HEIGHT: 0.15 mm
 INFILL DENSITY: 80%
 INFILL PATTERN: TRIANGULAR
 NOZZLE TEMPERATURE: 235°C
 BUILD PLATE TEMPERATURE: 110°C
 PRINT SPEED: 60 mm/s
 SUPPORT STRUCTURE: TREE AT 45° OVERHANG
 SUPPORT PATTERN: ZIGZAG
 SUPPORT DENSITY: 10%
 BUILD PLATE ADHESION TYPE: BRIM



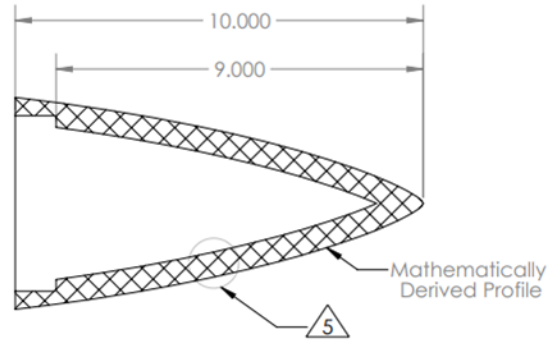
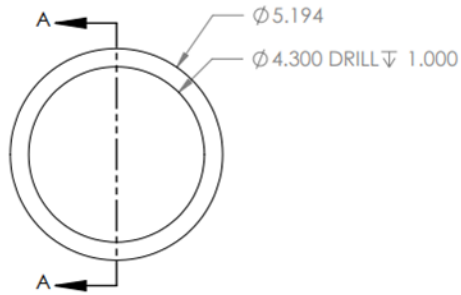
PROPRIETARY AND CONFIDENTIAL
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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS IN INCHES
 TOLERANCES:
 X.X ± 0.1
 X.XX ± 0.01
 X.XXX ± 0.003
 ANGLES ± 0.5°
 MATERIAL:
 ACRYLONITRILE BUTADIENE
 STYRENE

	NAME	DATE
DRAWN	PEYTON B.	11-20-2022
REVIEWED	ZACHARY L.	11-21-2022
ENG. LEAD - DEPT.	PEYTON B. - PRP&VD	11-21-2022

COMMENTS:
 - COMPONENT TO BE 3D PRINTED USING ACRYLONITRILE BUTADIENE STYRENE FILAMENT **ONLY**

The Zenith Program <small>American Institute of Aeronautics and Astronautics - FAMU-FSU College of Engineering</small>		
TITLE FS - NOSECONE - LOWER PROFILE		
SIZE A	DWG. NO. N/A	REV A-
SCALE: 1:3	WEIGHT: 2.8 LBS.	SHEET 1 OF 1



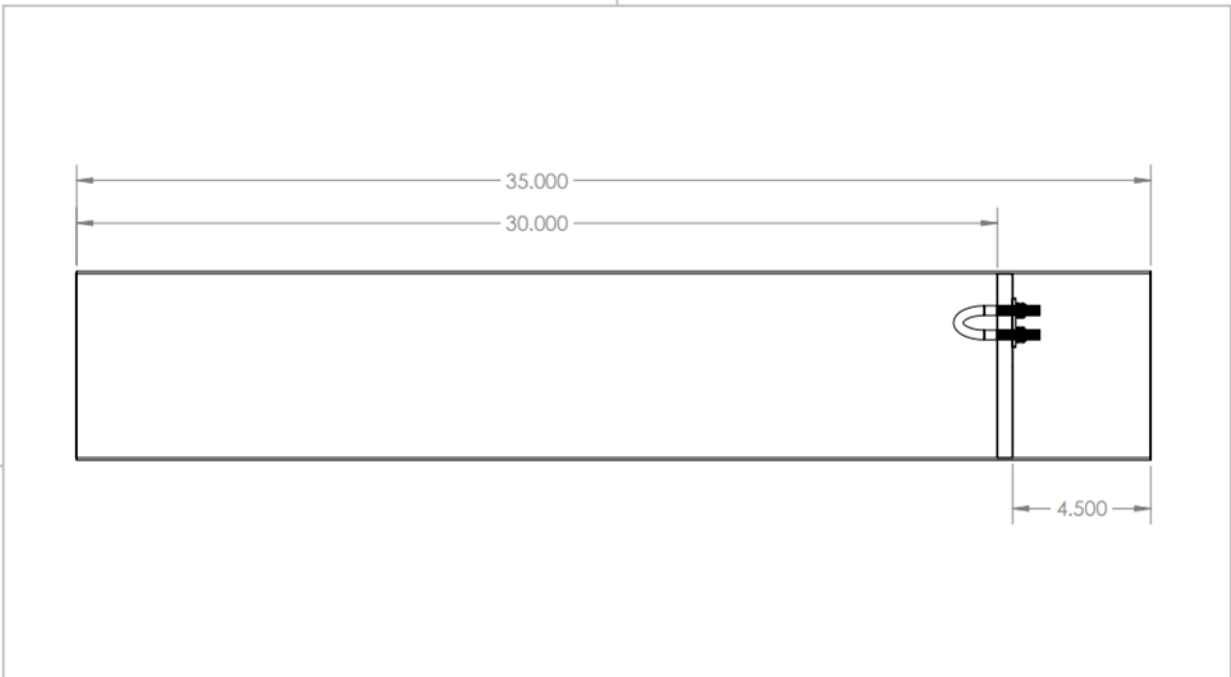
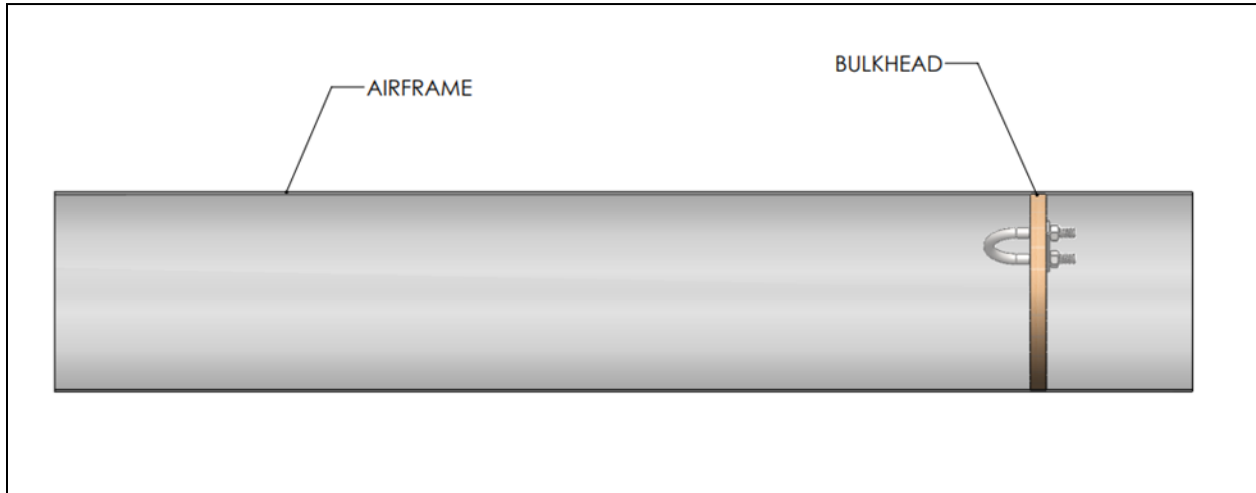
SECTION A-A
SCALE 1 : 3

1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
 2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
 3. ALL FILLET RADII 0.05 INCHES UNLESS OTHERWISE INDICATED
 4. DRAWING SCALE 1:3 UNLESS OTHERWISE INDICATED
- 0.50 SHELLED THICKNESS TRU AND CONSTANT


PRINT SPECS (ONLY INCLUDE IF PART IS 3D PRINTED):
 LAYER HEIGHT: 0.15 mm
 INFILL DENSITY: 80%
 INFILL PATTERN: TRIANGULAR
 NOZZLE TEMPERATURE: 235°C
 BUILD PLATE TEMPERATURE: 110°C
 PRINT SPEED: 60 mm/s
 SUPPORT STRUCTURE: TREE AT 45° OVERHANG
 SUPPORT PATTERN: ZIGZAG
 SUPPORT DENSITY: 10%
 BUILD PLATE ADHESION TYPE: BRIM

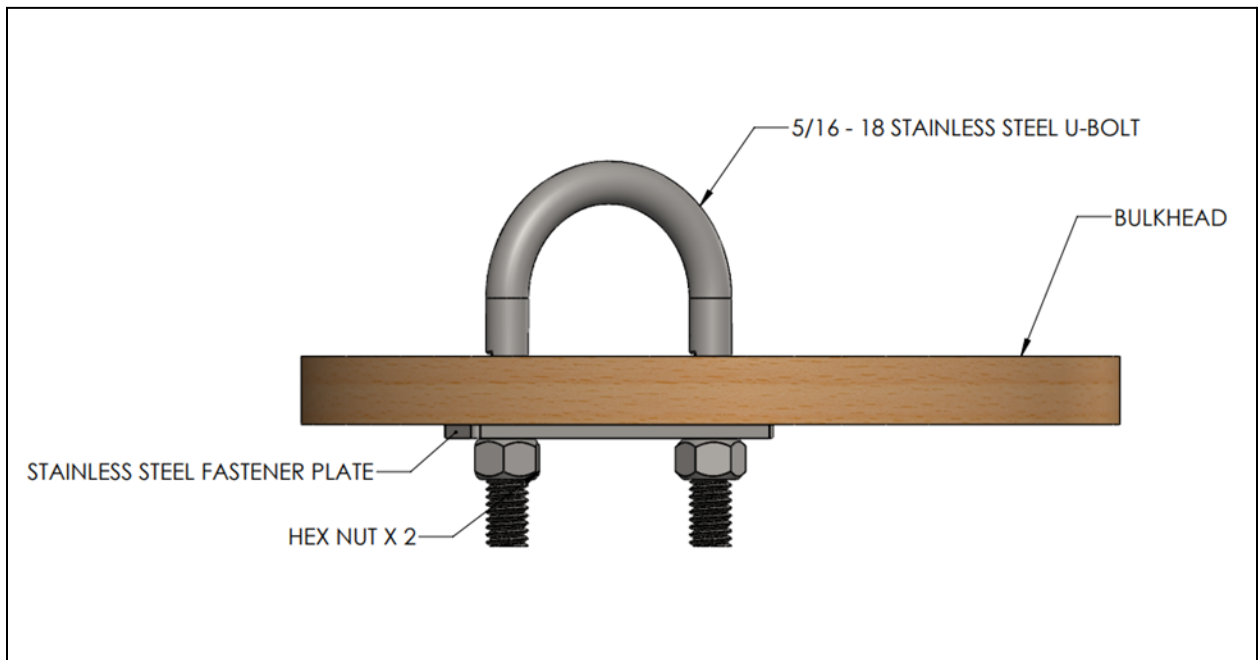
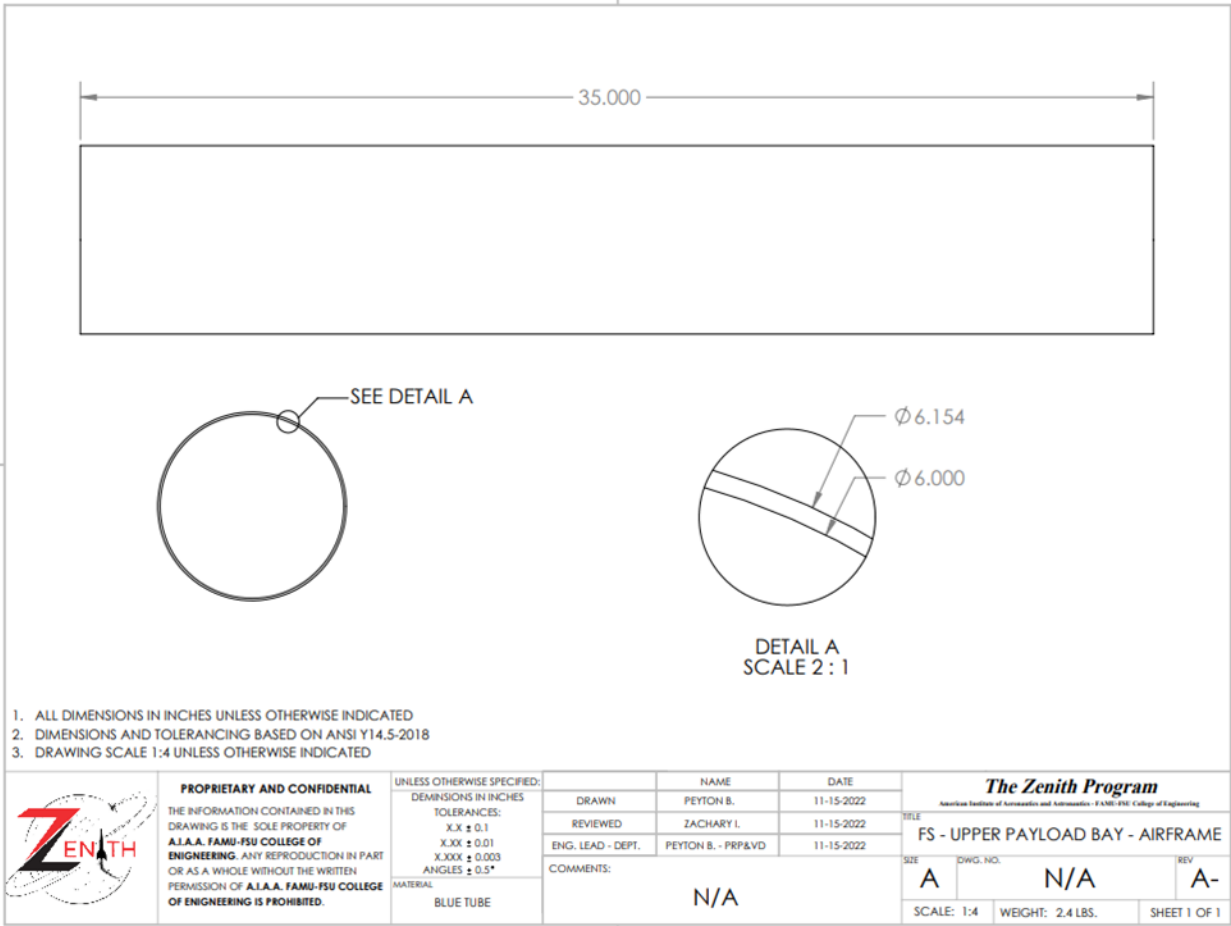
	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF A.I.A.A. FAMU-FSU COLLEGE OF ENGINEERING. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF A.I.A.A. FAMU-FSU COLLEGE OF ENGINEERING IS PROHIBITED.	UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN INCHES TOLERANCES: .X.X ± 0.1 .X.XX ± 0.01 .X.XXX ± 0.003 ANGLES ± 0.5°	DRAWN	NAME	DATE	The Zenith Program <small>American Institute of Aeronautics and Astronautics - FAMU-FSU College of Engineering</small> FS - NOSECONE - UPPER PROFILE
			REVIEWED	ZACHARY L	11-06-2022	
			ENG. LEAD - DEPT.	PEYTON B. - PRP&VD	11-06-2022	
			COMMENTS: - COMPONENT TO BE 3D PRINTED USING ACRYLONITRILE BUTADIENE STYRENE FILAMENT ONLY			
	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF A.I.A.A. FAMU-FSU COLLEGE OF ENGINEERING. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF A.I.A.A. FAMU-FSU COLLEGE OF ENGINEERING IS PROHIBITED.	MATERIAL: ACRYLONITRILE BUTADIENE STYRENE	TITLE FS - NOSECONE - UPPER PROFILE	SIZE A	DWG. NO. N/A	REV A-
			SCALE: 1:3	WEIGHT: 1.5 LBS.	SHEET 1 OF 1	

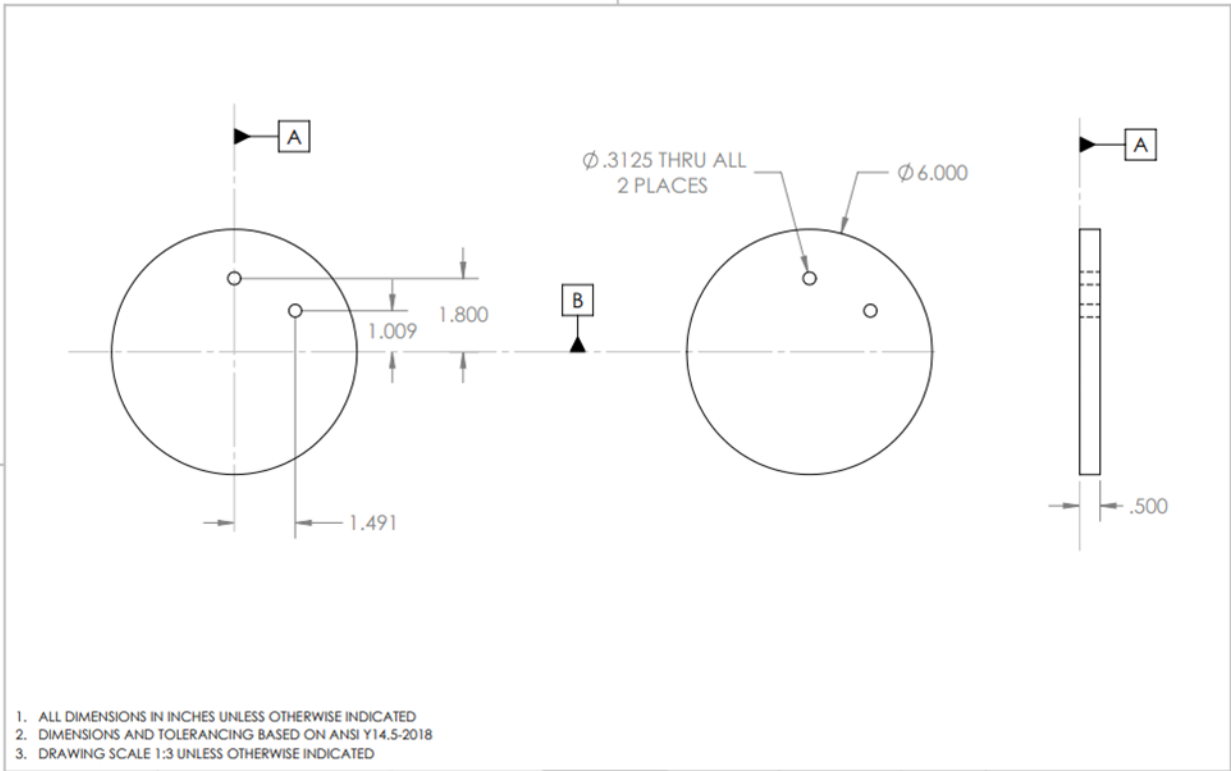
Upper Payload Bay




1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
3. DRAWING SCALE 1:4 UNLESS OTHERWISE INDICATED

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			REVIEWED	PEYTON B.	11-15-2022		TITLE
			ENG. LEAD - DEPT.	ZACHARY L	11-15-2022		FS - UPPER PAYLOAD BAY ASSEMBLY
			COMMENTS:	PEYTON B. - PRP&VD	11-15-2022		REV
MATERIAL	N/A			SIZE	DWG. NO.	REV	
VARIOUS				A	N/A	A-	
				SCALE: 1:4	WEIGHT: 3.6 LBS.	SHEET 1 OF 1	

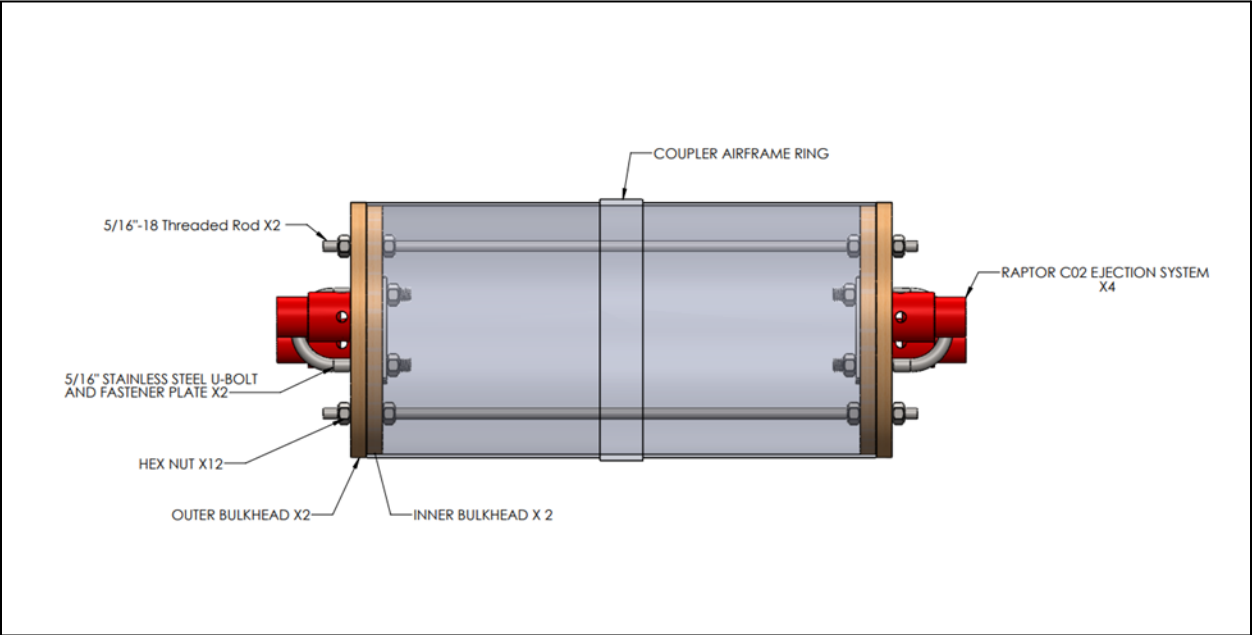


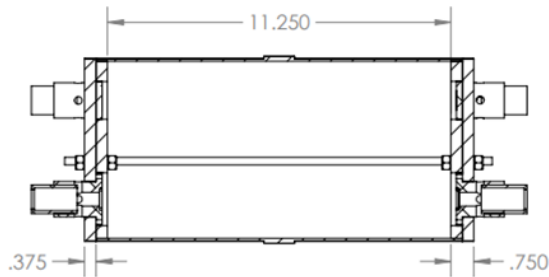
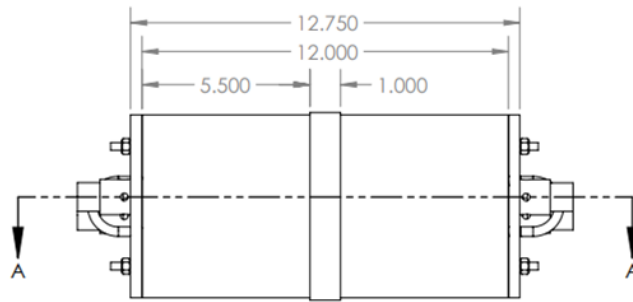


1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
3. DRAWING SCALE 1:3 UNLESS OTHERWISE INDICATED

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				REVIEWED	PEYTON B.	11-14-2022	
				ENG. LEAD - DEPT.	ZACHARY L.	11-15-2022	
				COMMENTS:	PEYTON B. - PRP&VD	11-15-2022	
				N/A			
TITLE	SIZE	DWG. NO.	REV				
FS - NOSECONE BULKHEAD - FWD UPPER PAYLOAD BAY	A	N/A	A-				
SCALE: 1:3	WEIGHT: 0.32 LBS.	SHEET 1 OF 1					


Avionics Bay

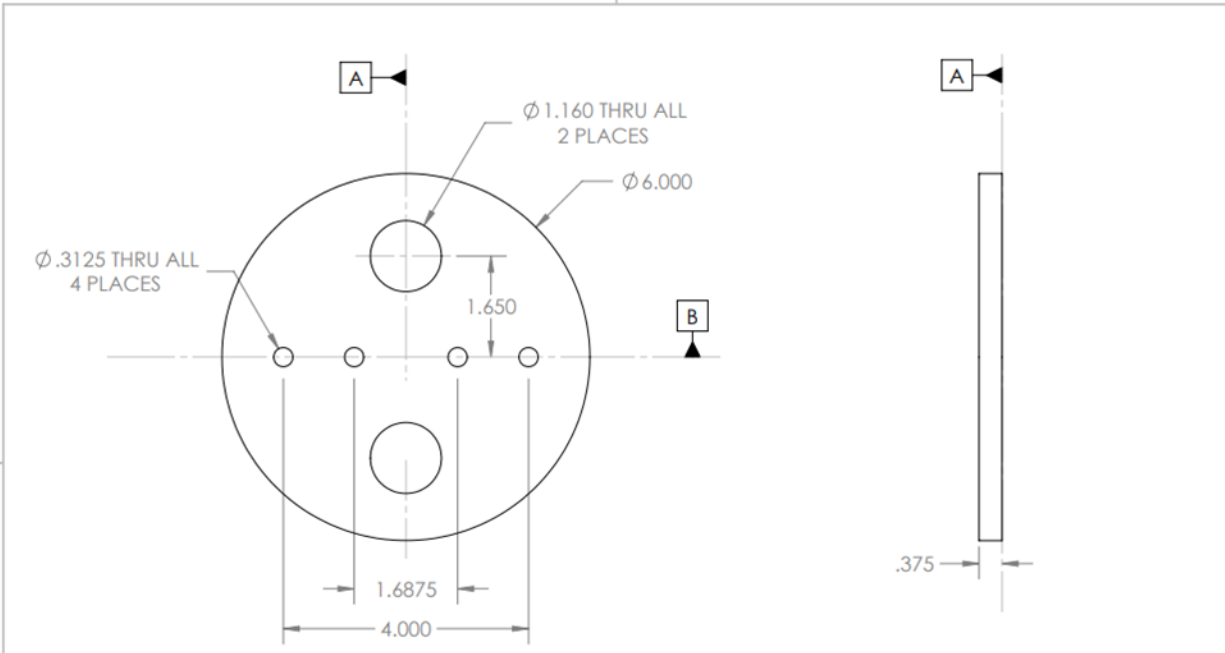




SECTION A-A
SCALE 1 : 4

1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
3. DRAWING SCALE 1:4 UNLESS OTHERWISE INDICATED

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			DRAWN	PEYTON B.	11-28-2022	TITLE		
			REVIEWED	ZACHARY L.	11-29-2022	FS - AVIONICS BAY ASSEMBLY		
			ENG. LEAD - DEPT.	PEYTON B. - PRP&VD	11-29-2022	SIZE	DWG. NO.	REV.
COMMENTS:			N/A			A	N/A	A-
						SCALE: 1:4	WEIGHT: 3.71 LBS.	SHEET 1 OF 1



1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
3. DRAWING SCALE 1:2 UNLESS OTHERWISE INDICATED



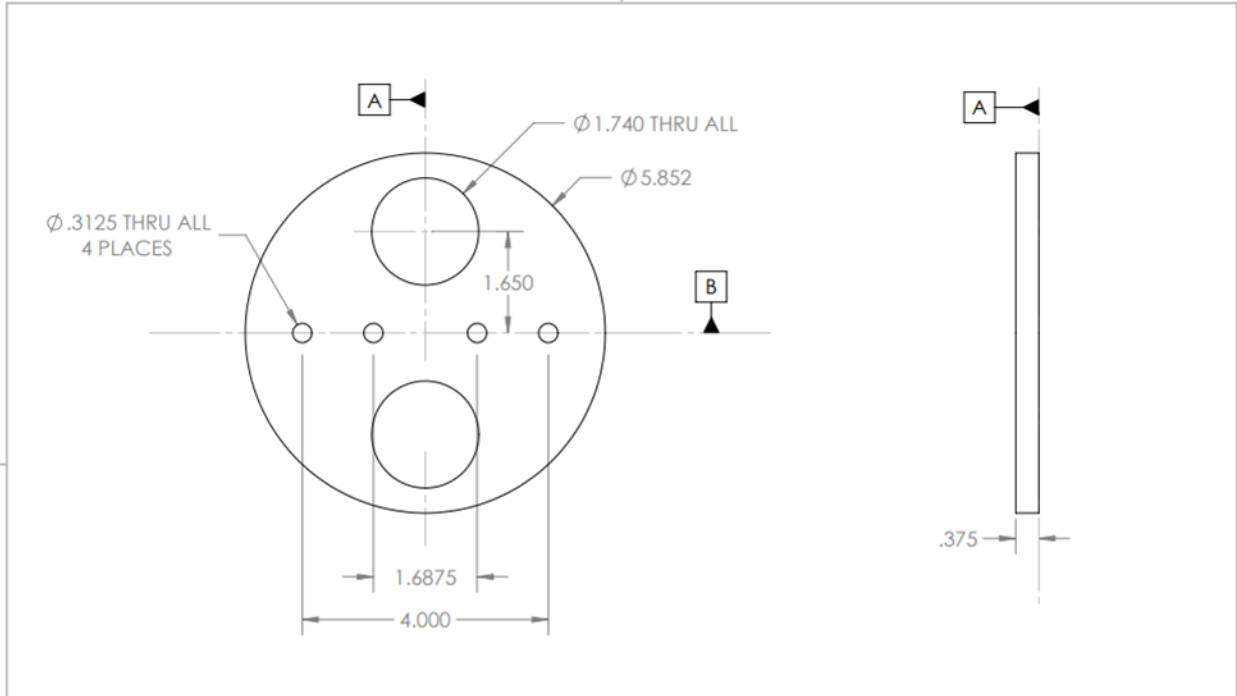
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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS IN INCHES
 TOLERANCES:
 X.X ± 0.1
 X.XX ± 0.01
 X.XXX ± 0.003
 ANGLES ± 0.5°
 MATERIAL:
 BALTIC BIRCH PLYWOOD

	NAME	DATE
DRAWN	PEYTON B.	11-29-2022
REVIEWED	ZACHARY L.	11-29-2022
ENG. LEAD - DEPT.	PEYTON B. - PRP&VD	11-29-2022

COMMENTS:
 COMPONENT TO BE MODIFIED VIA CNC ROUTING

The Zenith Program <small>American Institute of Aeronautics and Astronautics - FAMU-FSU College of Engineering</small>		
TITLE FS - OUTER BULKHEAD - AV BAY		
SIZE A	DWG. NO. N/A	REV A-
SCALE: 1:2	WEIGHT: 0.23 LBS.	SHEET 1 OF 1



1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
3. DRAWING SCALE 1:2 UNLESS OTHERWISE INDICATED



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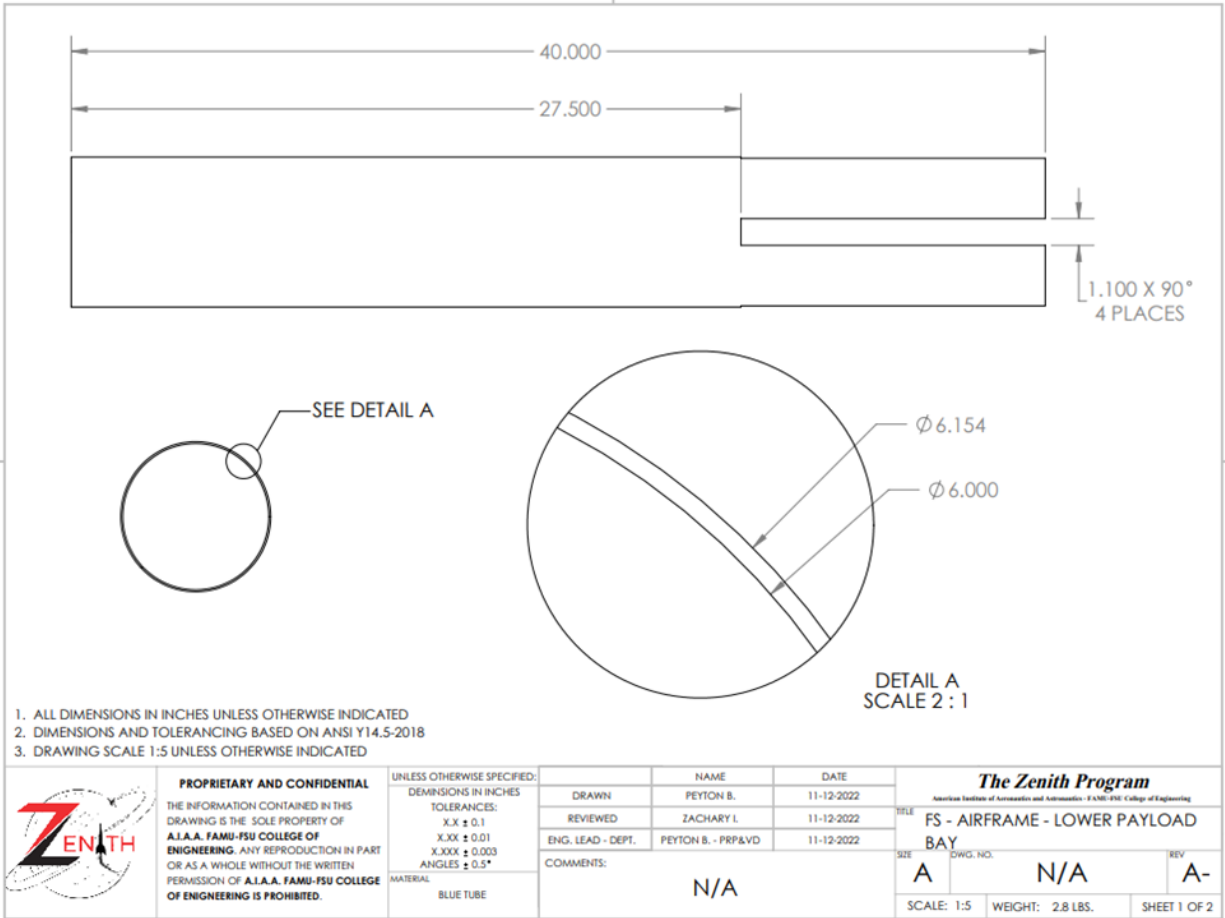
UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS IN INCHES
 TOLERANCES:
 X.X ± 0.1
 X.XX ± 0.01
 X.XXX ± 0.003
 ANGLES ± 0.5°
 MATERIAL:
 BALTIC BIRCH PLYWOOD


	NAME	DATE
DRAWN	PEYTON B.	11-29-2022
REVIEWED	ZACHARY L.	11-29-2022
ENG. LEAD - DEPT.	PEYTON B. - PRP&VD	11-29-2022

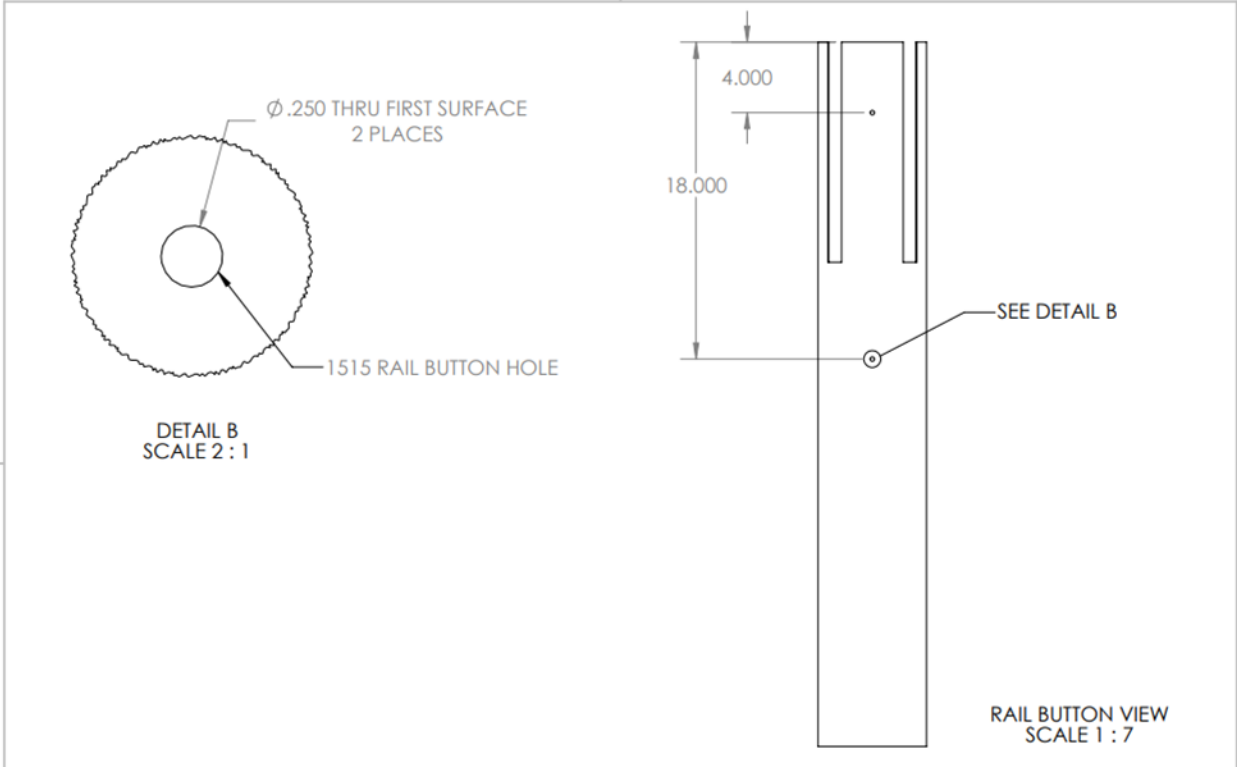
COMMENTS:
 COMPONENT TO BE MODIFIED VIA CNC ROUTING

The Zenith Program		
American Institute of Aeronautics and Astronautics - FAMU-FSU College of Engineering		
TITLE		
FS - INNER BULKHEAD - AV BAY		
SIZE	DWG. NO.	REV
A	N/A	A-
SCALE: 1:2	WEIGHT: 0.22 LBS.	SHEET 1 OF 1

Lower Payload Bay



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		<p>DRAWN</p> <p>PEYTON B.</p>	<p>DATE</p> <p>11-12-2022</p>	<p>TITLE</p> <p>FS - AIRFRAME - LOWER PAYLOAD</p>			
		<p>REVIEWED</p> <p>ZACHARY I.</p>	<p>DATE</p> <p>11-12-2022</p>	<p>SIZE</p> <p>A</p>			
		<p>ENG. LEAD - DEPT.</p> <p>PEYTON B. - PRP&VD</p>	<p>DATE</p> <p>11-12-2022</p>	<p>DRWG. NO.</p> <p>N/A</p>			
<p>COMMENTS:</p> <p>N/A</p>				<p>REV</p> <p>A-</p>	<p>SCALE: 1:5</p>	<p>WEIGHT: 2.8 LBS.</p>	<p>SHEET 1 OF 2</p>



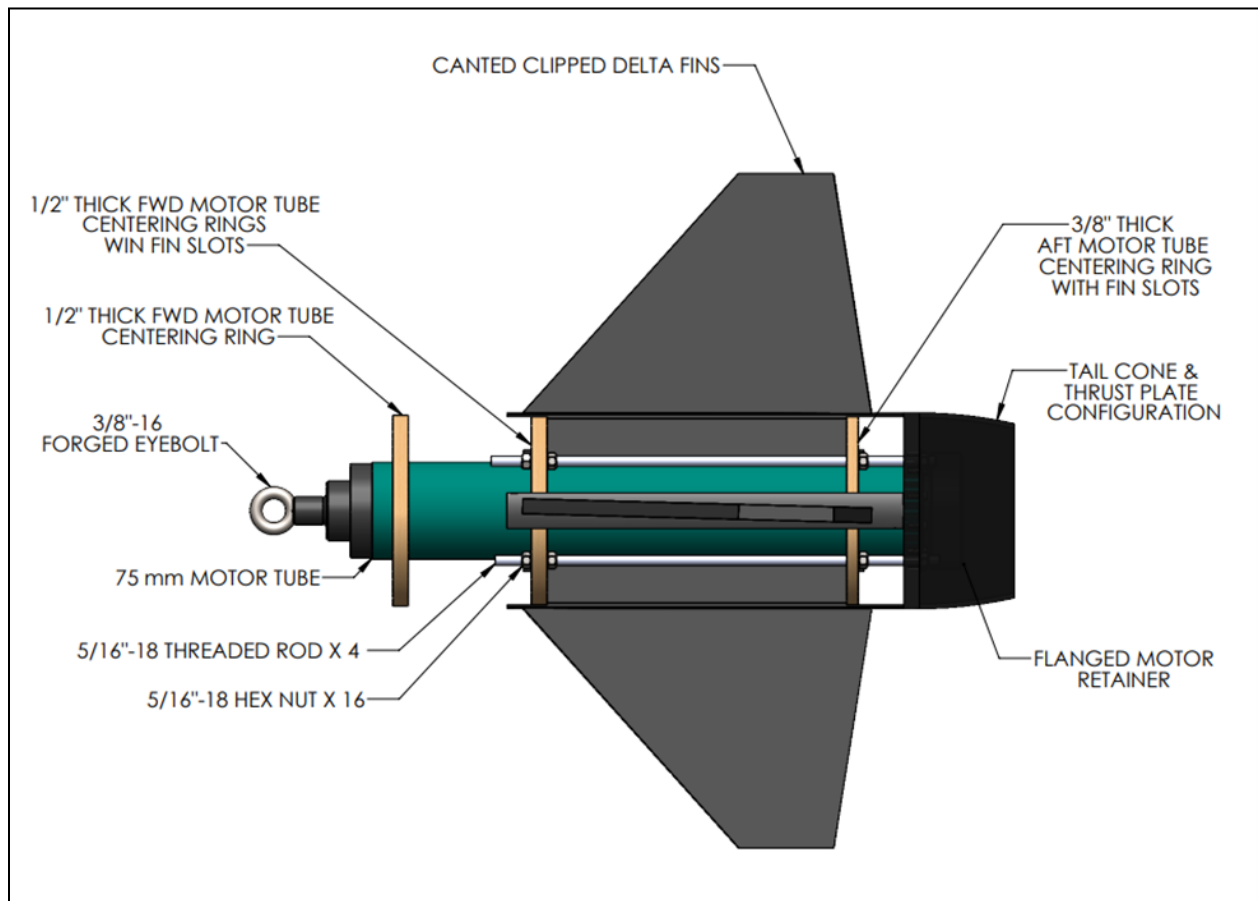
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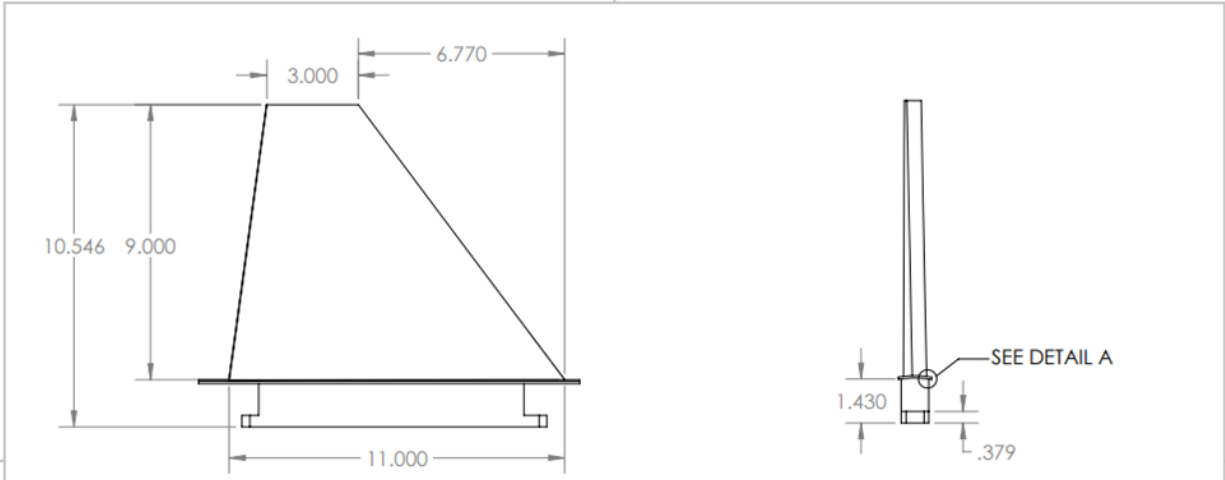
UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS IN INCHES
 TOLERANCES:
 X.X ± 0.1
 X.XX ± 0.01
 X.XXX ± 0.003
 ANGLES ± 0.5°
 MATERIAL: BLUE TUBE

	NAME	DATE
DRAWN	PEYTON B.	11-12-2022
REVIEWED	ZACHARY L.	11-12-2022
ENG. LEAD - DEPT.	PEYTON B. - PRP&VD	11-12-2022
COMMENTS:	N/A	

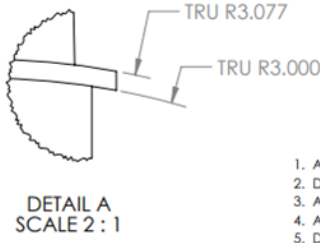
The Zenith Program		
American Institute of Aeronautics and Astronautics - FAMU-FSU College of Engineering		
TITLE		
FS - AIRFRAME - LOWER PAYLOAD BAY		
SIZE	DWG. NO.	REV
A	N/A	A-
SCALE: 1:7	WEIGHT: 2.8 LBS.	SHEET 2 OF 2

Thrust Structure




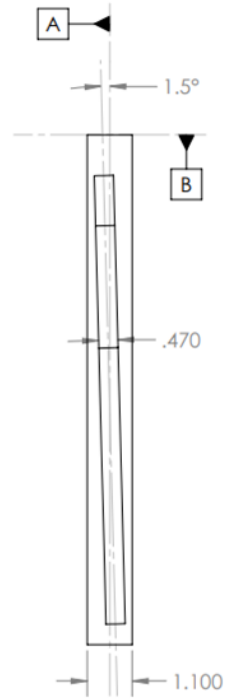
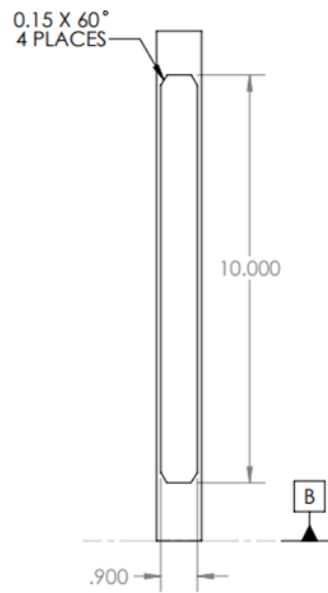
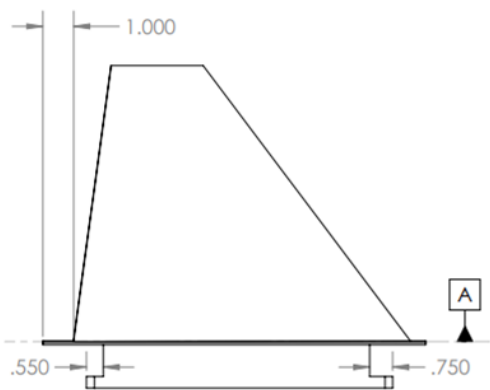


PRINT SPECS (ONLY INCLUDE IF PART IS 3D PRINTED):
 LAYER HEIGHT: 0.15 mm
 INFILL DENSITY: 72%
 INFILL PATTERN: TRIANGULAR
 NOZZLE TEMPERATURE: 235°C
 BUILD PLATE TEMPERATURE: 110°C
 PRINT SPEED: 60 mm/s
 SUPPORT STRUCTURE: NORMAL AT 45° OVERHANG
 SUPPORT PATTERN: ZIGZAG
 SUPPORT DENSITY: 20%
 BUILD PLATE ADHESION TYPE: BRIM



1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
3. ALL FILLET RADII 0.05 INCHES UNLESS OTHERWISE INDICATED
4. ALL CORNER RADII 0.05 INCHES UNLESS OTHERWISE INDICATED
5. DRAWING SCALE 1:4 UNLESS OTHERWISE INDICATED

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			REVIEWED	PEYTON B.	12-05-2022			A	N/A	A-
			ENG. LEAD - DEPT.	ZACHARY L.	12-07-2022			SCALE: 1:4	WEIGHT: 1.3 LBS.	SHEET 1 OF 2
			MATERIAL	ACRYLONITRILE BUTADIENE STYRENE	COMMENTS: - COMPONENT TO BE 3D USING ACRYLONITRILE BUTADIENE STYRENE FILAMENT ONLY - APPLY PEI SHEET TO PRINT BED FOR OPTIMAL ADHESION					



FOR FURTHER CLARIFICATION
 FIN CANT: 1.5°
 ROOT CHORD: 11.000 INCHES
 TIP CHORD: 3.000 INCHES
 FIN HEIGHT: 9.000 INCHES
 SWEEP LENGTH: 6.770 INCHES
 SWEEP ANGLE: 37°
 POSITION RELATIVE TO AFT END OF AIRFRAME: 1.000 INCH



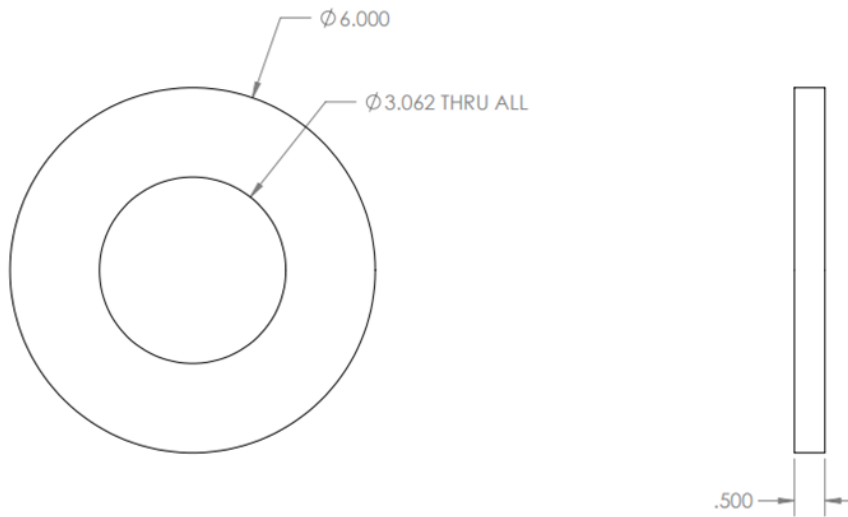
PROPRIETARY AND CONFIDENTIAL
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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS IN INCHES
 TOLERANCES:
 X.X ± 0.1
 X.XX ± 0.01
 X.XXX ± 0.003
 ANGLES ± 0.5°
 MATERIAL:
 ACRYLONITRILE BUTADIENE STYRENE


	NAME	DATE
DRAWN	PEYTON B.	12-05-2022
REVIEWED	ZACHARY L.	12-07-2022
ENG. LEAD - DEPT.	PEYTON B. - PRP&VD	12-08-2022

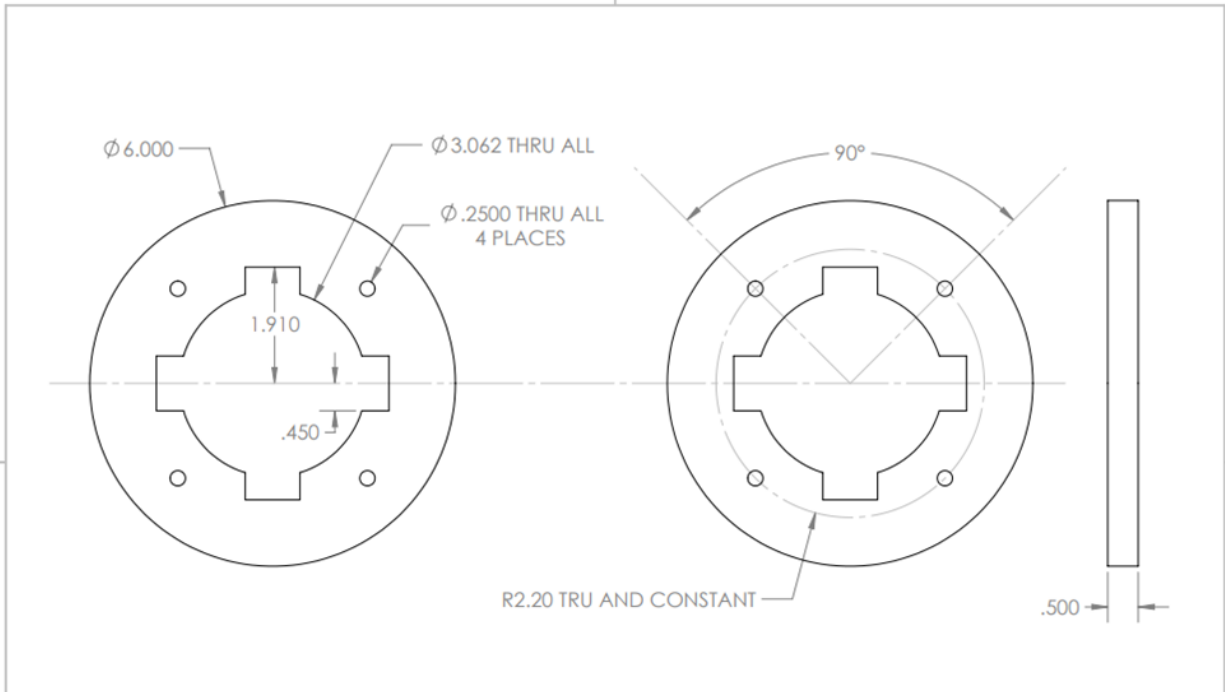
COMMENTS:
 - COMPONENT TO BE 3D USING ACRYLONITRILE BUTADIENE STYRENE FILAMENT ONLY
 - APPLY PEI SHEET TO PRINT BED FOR OPTIMAL ADHESION

The Zenith Program		
American Institute of Aeronautics and Astronautics - FAMU-FSU College of Engineering		
TITLE		
FS - CANTED CLIPPED DELTA FIN - LOWER PAYLOAD BAY		
SIZE	DWG. NO.	REV.
A	N/A	A-
SCALE: 1:4		WEIGHT: 1.3 LBS.
SHEET 2 OF 2		




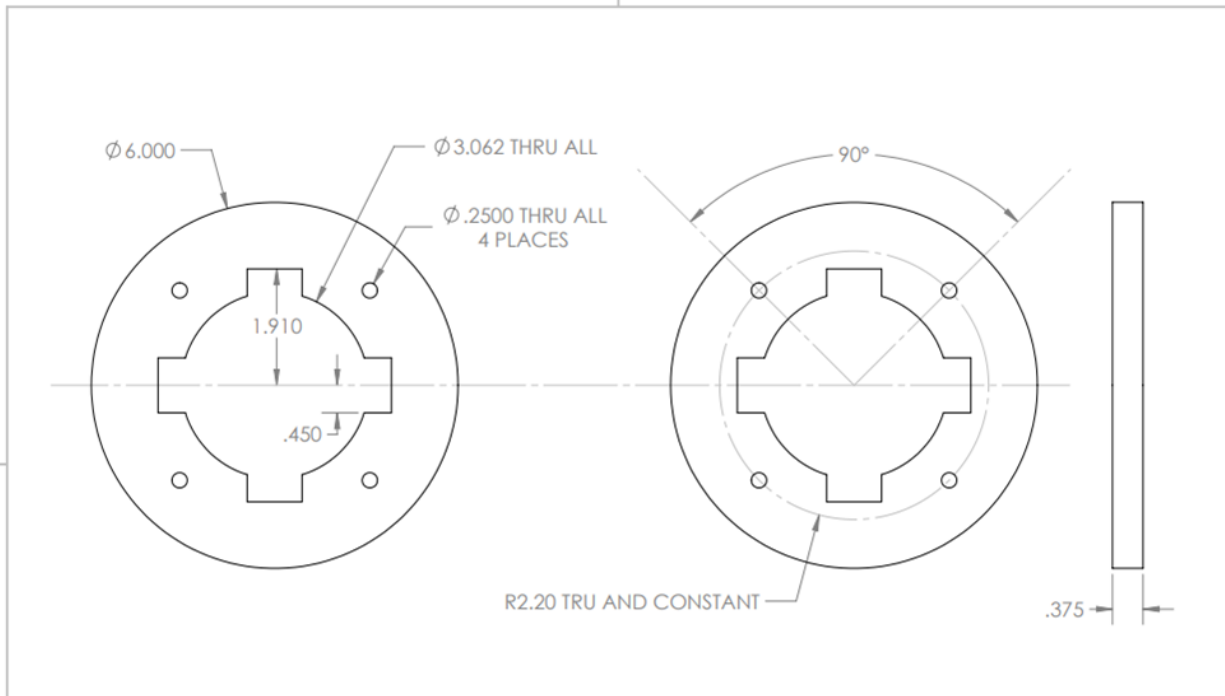
1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
3. DRAWING SCALE 1:2 UNLESS OTHERWISE INDICATED

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			DRAWN	PEYTON B.				11-21-2022	
			REVIEWED	ZACHARY I.	11-21-2022	TITLE	FS - FWD CENTERING RING - LOWER PAYLOAD BAY		
			ENG. LEAD - DEPT.	PEYTON B. - PRP&VD	11-21-2022	SIZE	A	DWG. NO.	N/A
MATERIAL			COMMENTS:			SCALE: 1:2			
BAL TIC BIRCH PLYWOOD			N/A			WEIGHT: 0.24 LBS.			
						SHEET 1 OF 1			




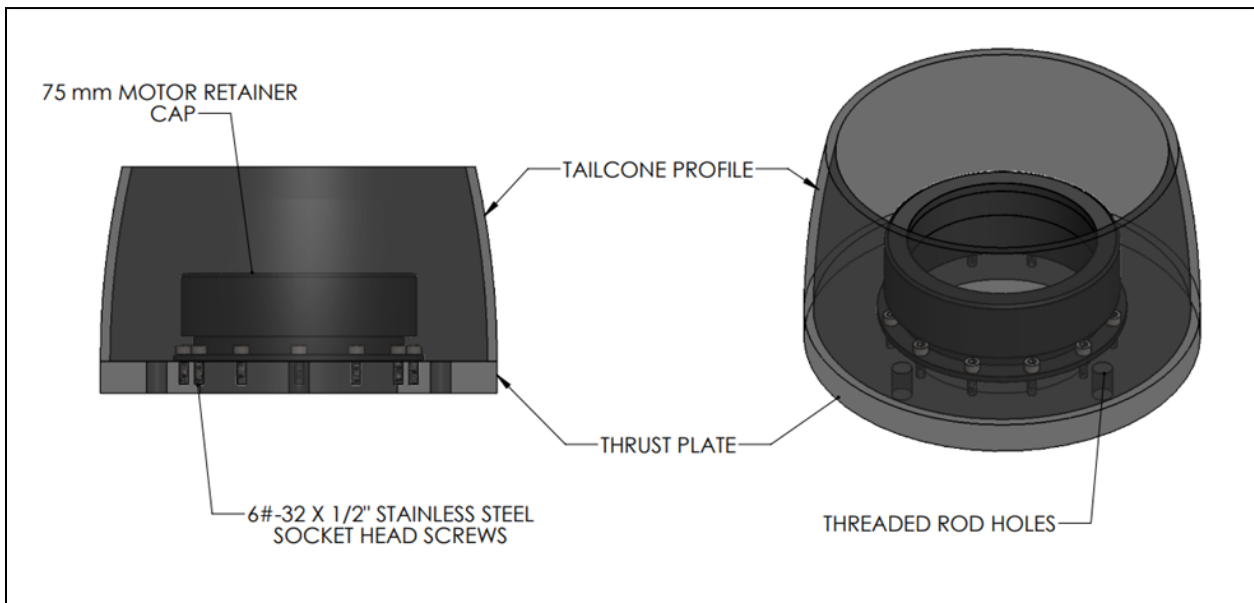
1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
3. DRAWING SCALE 1:2 UNLESS OTHERWISE INDICATED

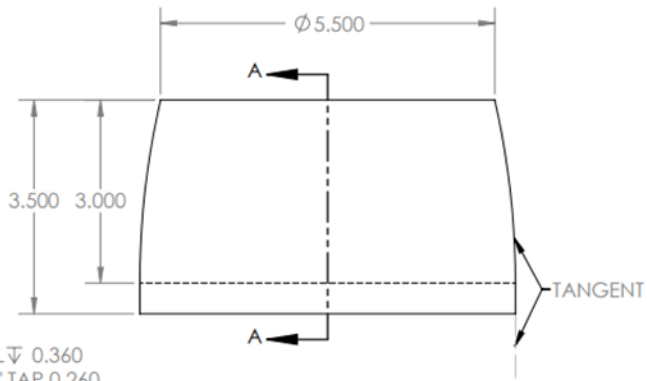
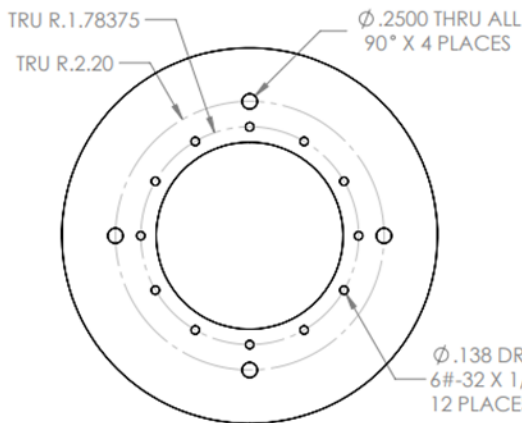
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		DIMENSIONS IN INCHES	DRAWN	PEYTON B.	11-21-2022	American Institute of Aeronautics and Astronautics - FAMU-FSU College of Engineering		
		TOLERANCES:	REVIEWED	ZACHARY L.	11-21-2022	TITLE		
		X.X ± 0.1 X.XXX ± 0.01 X.XXXX ± 0.003 ANGLES ± 0.5°	ENG. LEAD - DEPT.	PEYTON B. - PRP&VD	11-21-2022	FS - FWD FIN CENTERING RING - LOWER PAYLOAD BAY		
MATERIAL: BALDIC BIRCH PLYWOOD	COMMENTS:	N/A		SIZE	DWG. NO.	REV		
				A	N/A	A-		
				SCALE: 1:2	WEIGHT: 0.22 LBS.	SHEET 1 OF 1		



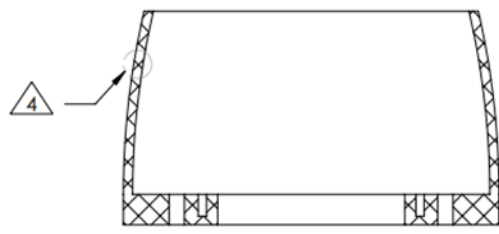
1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
3. DRAWING SCALE 1:2 UNLESS OTHERWISE INDICATED

 <p>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF A.I.A.A. FAMU-FSU COLLEGE OF ENGINEERING. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF A.I.A.A. FAMU-FSU COLLEGE OF ENGINEERING IS PROHIBITED.</p>	<p>UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN INCHES TOLERANCES: X.X ± 0.1 X.XX ± 0.01 X.XXX ± 0.003 ANGLES ± 0.5°</p>	<table border="1"> <tr> <td>NAME</td> <td>DATE</td> </tr> <tr> <td>PEYTON B.</td> <td>11-21-2022</td> </tr> <tr> <td>ZACHARY L.</td> <td>11-21-2022</td> </tr> <tr> <td>PEYTON B. - PRP&VD</td> <td>11-21-2022</td> </tr> </table>	NAME	DATE	PEYTON B.	11-21-2022	ZACHARY L.	11-21-2022	PEYTON B. - PRP&VD	11-21-2022	<p>The Zenith Program American Institute of Aeronautics and Astronautics - FAMU-FSU College of Engineering</p>
	NAME	DATE									
	PEYTON B.	11-21-2022									
	ZACHARY L.	11-21-2022									
PEYTON B. - PRP&VD	11-21-2022										
<p>MATERIAL: BAL TIC BIRCH PLYWOOD</p>	<p>COMMENTS: N/A</p>	<table border="1"> <tr> <td>TITLE</td> <td>SIZE</td> <td>DWG. NO.</td> <td>REV</td> </tr> <tr> <td>FS - AFT FIN CENTERING RING - LOWER PAYLOAD BAY</td> <td>A</td> <td>N/A</td> <td>A-</td> </tr> </table>	TITLE	SIZE	DWG. NO.	REV	FS - AFT FIN CENTERING RING - LOWER PAYLOAD BAY	A	N/A	A-	
TITLE	SIZE	DWG. NO.	REV								
FS - AFT FIN CENTERING RING - LOWER PAYLOAD BAY	A	N/A	A-								
		SCALE: 1:2	WEIGHT: 0.22 LBS.	SHEET 1 OF 1							





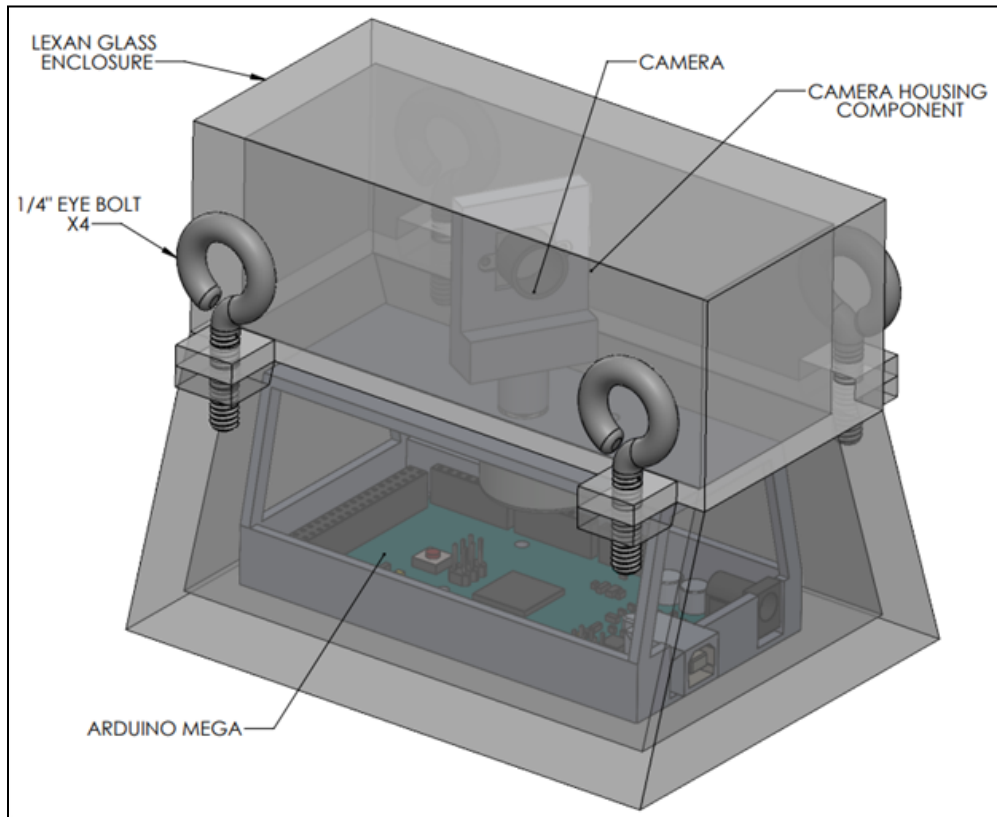
1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
 2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
 3. DRAWING SCALE 1:2 UNLESS OTHERWISE INDICATED
- SHELLED THICKNESS 0.15 INCHES TRU AND CONSTANT
PRINT SPECS (ONLY INCLUDE IF PART IS 3D PRINTED):
 LAYER HEIGHT: 0.15 mm
 INFILL DENSITY: 90%
 INFILL PATTERN: TRIANGULAR
 NOZZLE TEMPERATURE: 235°C
 BUILD PLATE TEMPERATURE: 110°C
 PRINT SPEED: 60 mm/s
 SUPPORT STRUCTURE: TREE AT 45° OVERHANG
 SUPPORT PATTERN: ZIGZAG
 SUPPORT DENSITY: 20%
 BUILD PLATE ADHESION TYPE: BRIM

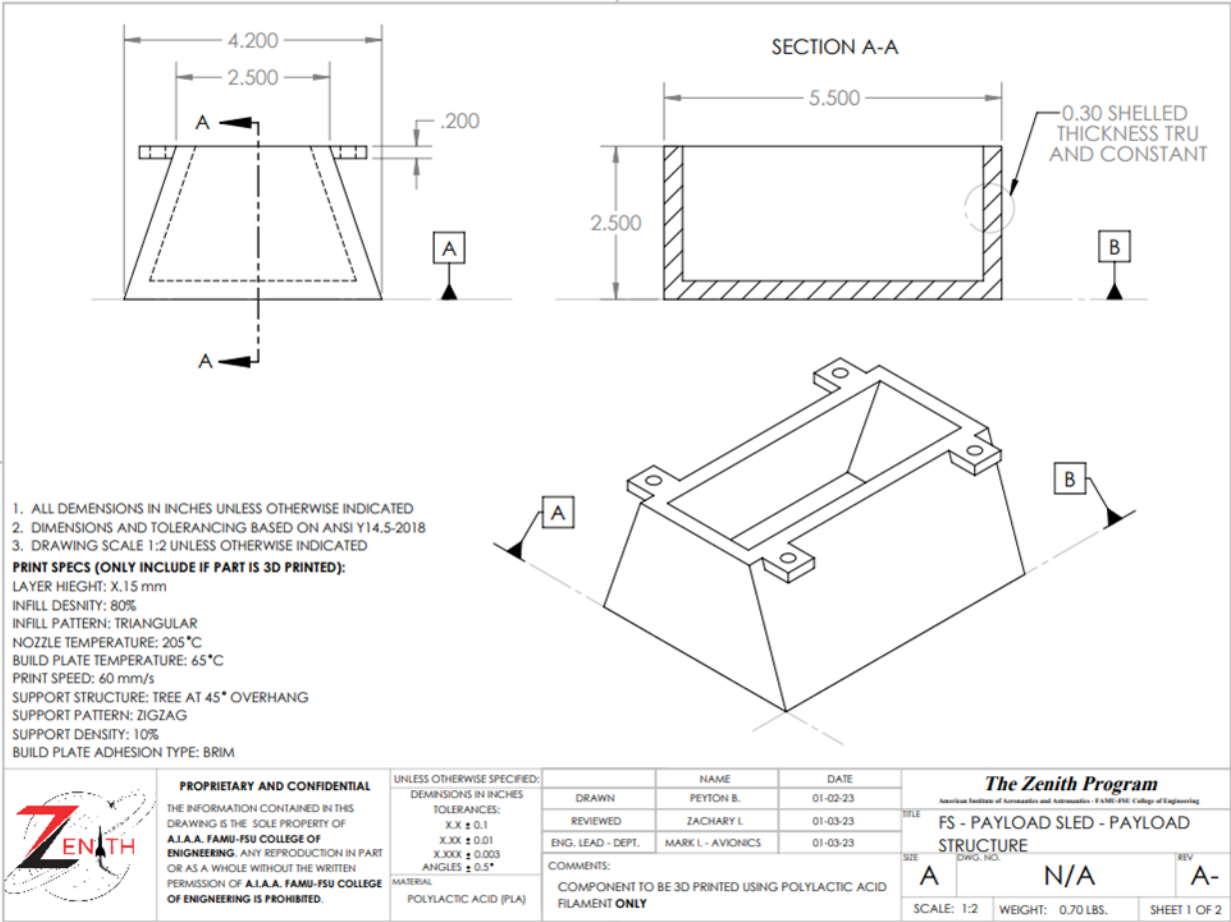


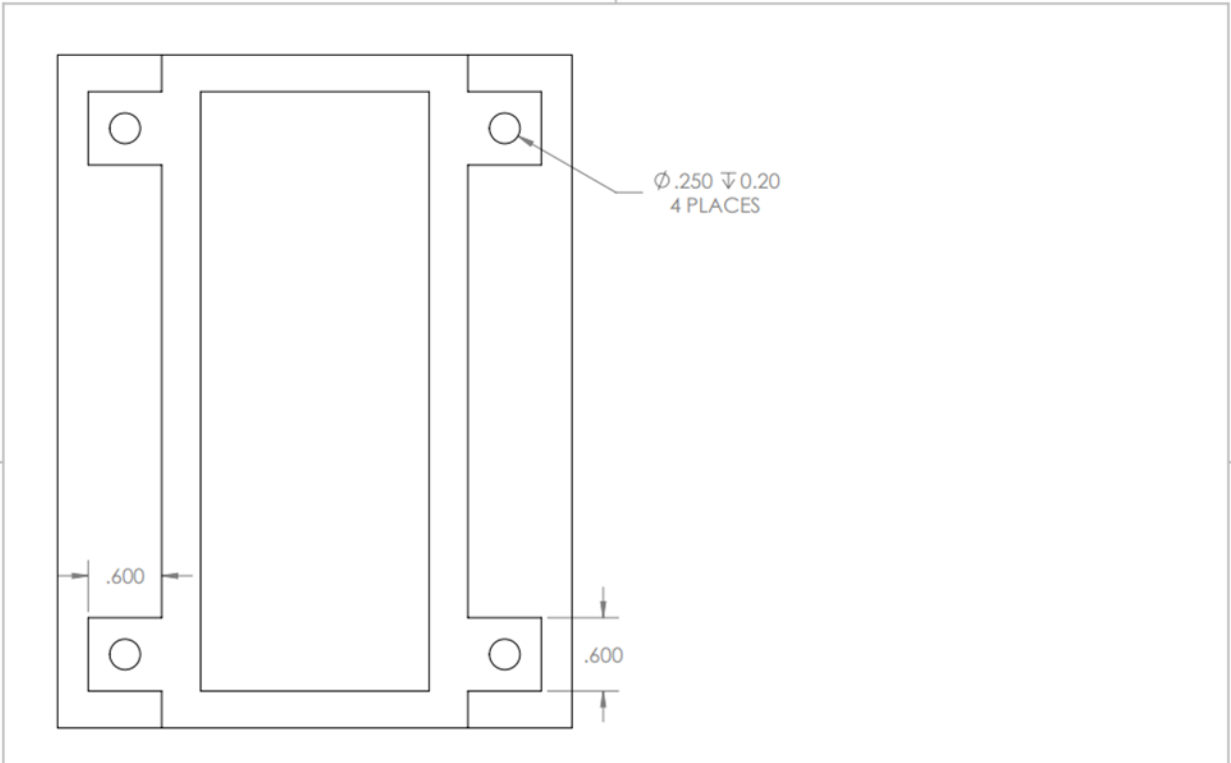
SECTION A-A
SCALE 1 : 2


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			DRAWN	PEYTON B.		11-27-2022
			REVIEWED	ZACHARY L.		11-27-2022
			ENG. LEAD - DEPT.	PEYTON B. - PRP&VD	11-27-2022	
			COMMENTS: - COMPONENT TO BE 3D PRINTED USING ACRYLONITRILE BUTADIENE STYRENE FILAMENT ONLY - APPLY PEI SHEET TO PRINT BED FOR OPTIMAL ADHESION			

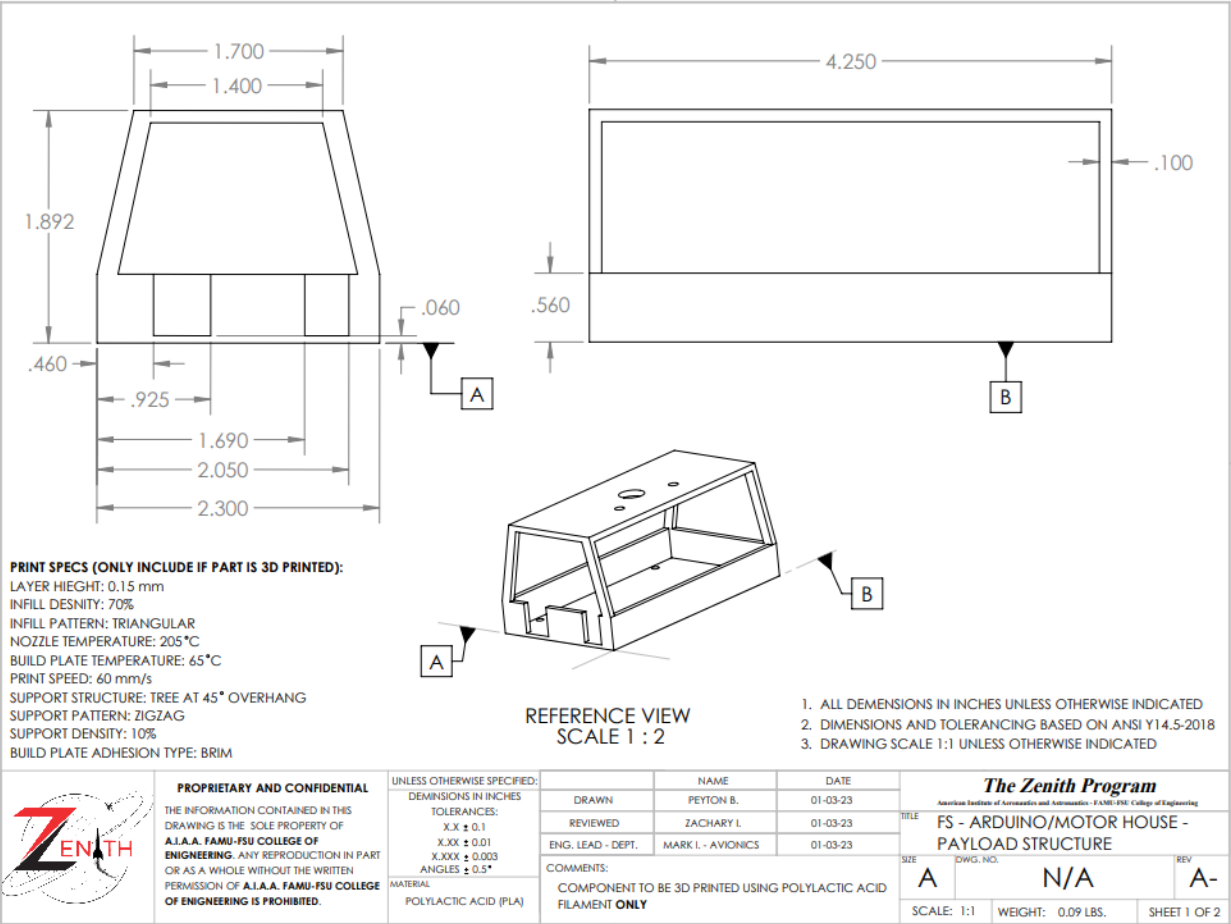
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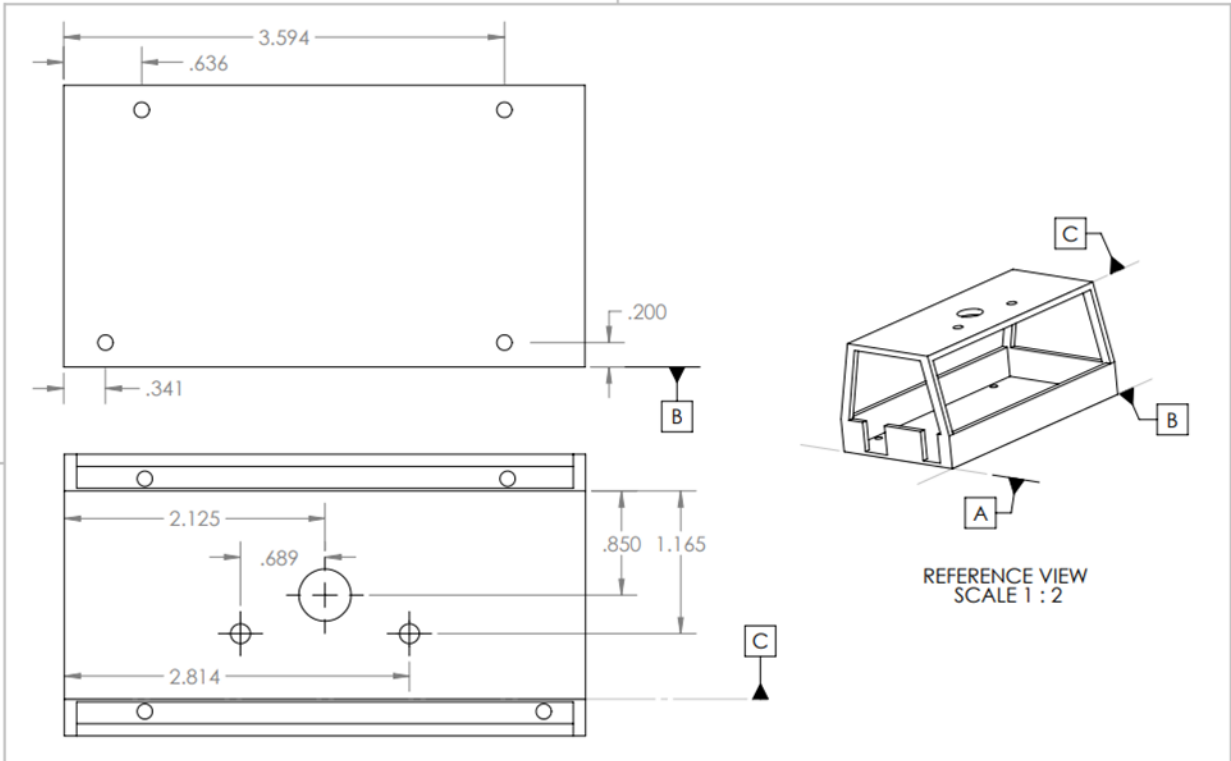





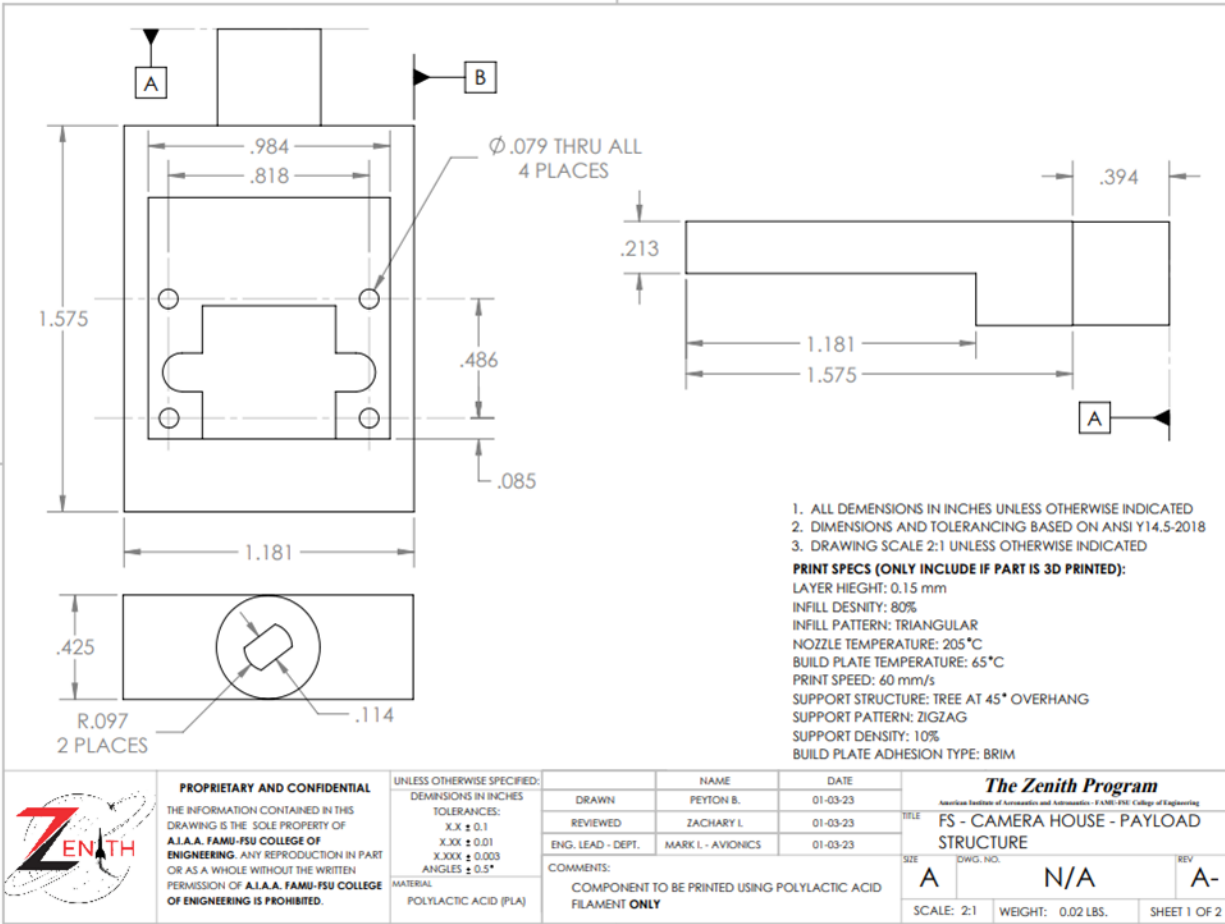


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			DRAWN	REVIEWED	ENG. LEAD - DEPT.	MARK L. - AVIONICS	01-03-23	01-03-23		TITLE	REV
			COMMENTS:			SIZE	A	DWG. NO.		N/A	A-
			COMPONENT TO BE PRINTED USING POLYLACTIC ACID FILAMENT ONLY			SCALE:	1:2	WEIGHT:		0.70 LBS.	SHEET 2 OF 2





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			DRAWN	PEYTON B.		01-03-23
			REVIEWED	ZACHARY L.		01-03-23
			ENG. LEAD - DEPT.	MARK L. - AVIONICS		01-03-23
COMMENTS:			COMPONENT TO BE 3D PRINTED USING POLYLACTIC ACID FILAMENT ONLY			



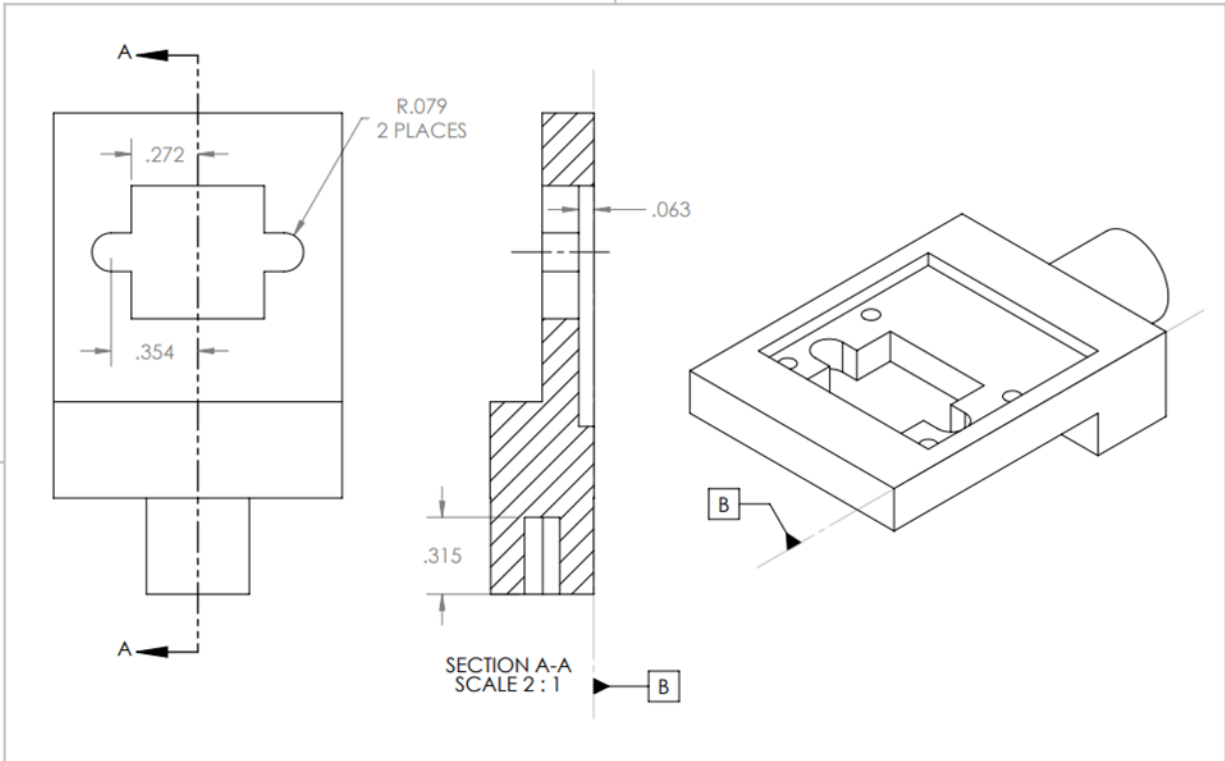
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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS IN INCHES
 TOLERANCES:
 X.X ± 0.1
 X.XX ± 0.01
 X.XXX ± 0.003
 ANGLES ± 0.5°
 MATERIAL:
 POLYLACTIC ACID (PLA)

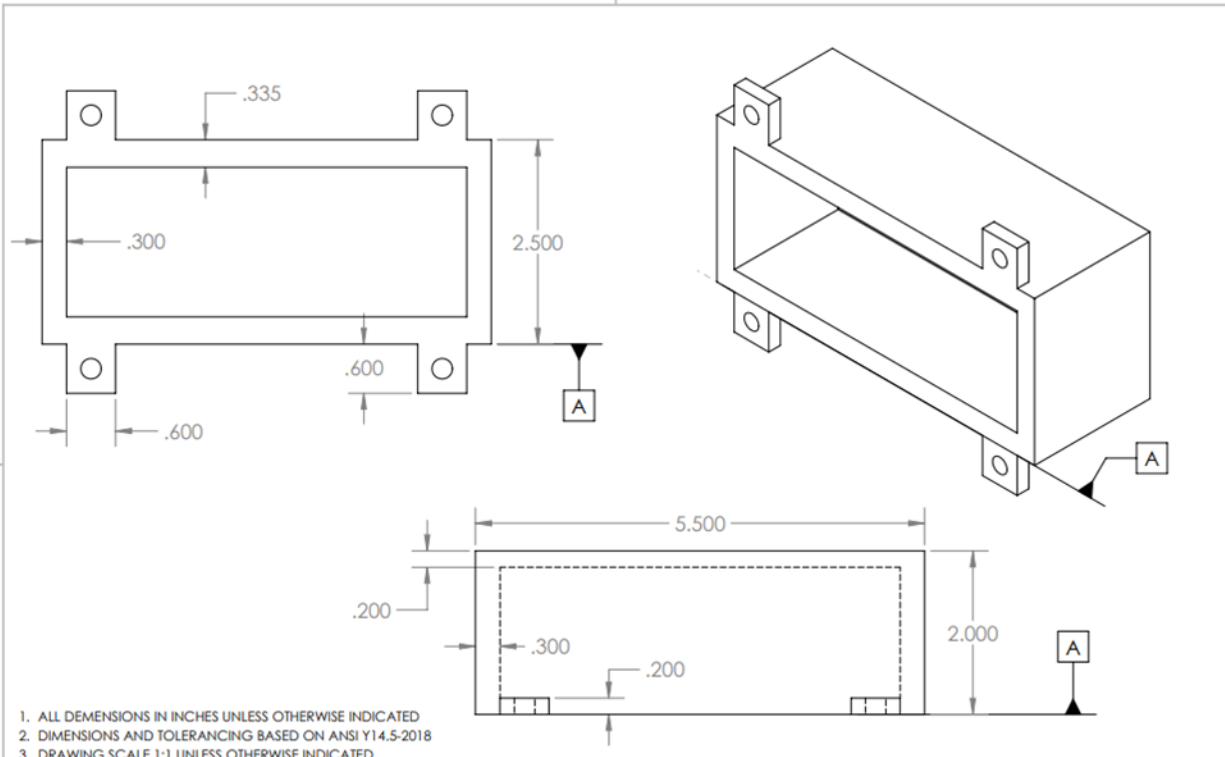
	NAME	DATE
DRAWN	PEYTON B.	01-03-23
REVIEWED	ZACHARY L.	01-03-23
ENG. LEAD - DEPT.	MARK L. - AVIONICS	01-03-23

COMMENTS:
 COMPONENT TO BE PRINTED USING POLYLACTIC ACID FILAMENT **ONLY**


The Zenith Program		
American Institute of Aeronautics and Astronautics - FAMU-FSU College of Engineering		
TITLE		
FS - CAMERA HOUSE - PAYLOAD STRUCTURE		
SIZE	DWG. NO.	REV
A	N/A	A-
SCALE: 2:1	WEIGHT: 0.02 LBS.	SHEET 1 OF 2



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				DRAWN	PEYTON B.			01-03-23
				REVIEWED	ZACHARY L.			01-03-23
				ENG. LEAD - DEPT.	MARK L. - AVIONICS			01-03-23
COMMENTS:				COMPONENT TO BE PRINTED USING POLYLACTIC ACID FILAMENT ONLY		SCALE: 2:1	WEIGHT: 0.02 LBS.	SHEET 2 OF 2



1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE INDICATED
2. DIMENSIONS AND TOLERANCING BASED ON ANSI Y14.5-2018
3. DRAWING SCALE 1:1 UNLESS OTHERWISE INDICATED

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			DRAWN	ZACHARY L.	REVIEWED	01-03-23	
			ENG. LEAD - DEPT.	MARK L. - AVIONICS	ENG. LEAD - DEPT.	01-03-23	
			COMMENTS: LEXAN SHEETS TO BE FORMED				
		MATERIAL	LEXAN		TITLE	FS - PAYLOAD COVER - PAYLOAD STRUCTURE	
		SIZE	A	DWG. NO.	N/A	REV	A-
		SCALE	XX	WEIGHT	0.56 LBS.	SHEET 1 OF 1	