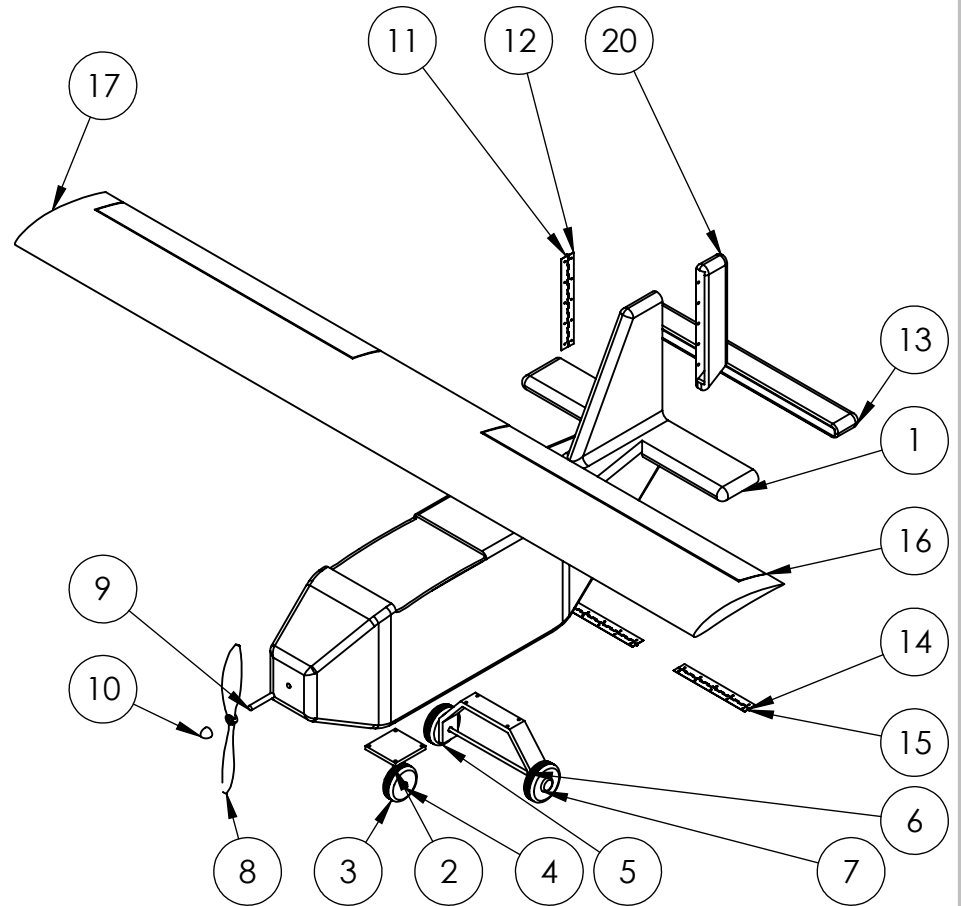


ITEM NO.	PART NUMBER	PRICE	QTY.	COST
1	Model Fuselage	0	1	
2	frontSingleSupport	\$7.00	1	\$7.00
3	wheelSmall	\$13.00	1	\$13.00
4	shaftSmall	\$13.00	1	\$13.00
5	wheel	\$5.00	2	\$5.00
6	front support	\$7.00	1	\$7.00
7	shaft	\$13.00	1	\$13.00
8	9x4.7V3	\$2.84	1	\$2.84
9	Propeller Assembly Rod	\$5.00	1	\$5.00
10	Propeller Nozzle	\$2.84	1	\$2.84
11	Vertical Hinge 2	PIANO HINGE	1	\$8.00
12	Vertical Hinge 1	PIANO HINGE	1	\$8.00
13	Elevator	0	1	0
14	Horizontal Hinge 1	PIANO HINGE	2	\$8.00
15	Horizontal Hinge 2	PIANO HINGE	2	\$8.00
16	UpdatedAilerons	0	2	0
17	UpdatedWingUpdatedAilerons	0	1	0
18	aileronrod	\$9.99 /LB	2	\$1.36
19	linkageforaileron	\$9.99 /LB	2	\$3.12
20	Vertical Rudder	0	1	0
Total			26	\$81.16



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		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN	HAM	2/27/22			
		INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED					
		MATERIAL	ENG APPR.					
		FINISH	MFG APPR.					
	NEXT ASSY	USED ON		Q.A.		SIZE	DWG. NO.	REV
	APPLICATION	DO NOT SCALE DRAWING		COMMENTS:		A		
						SCALE: 1:16	WEIGHT:	SHEET 1 OF 1

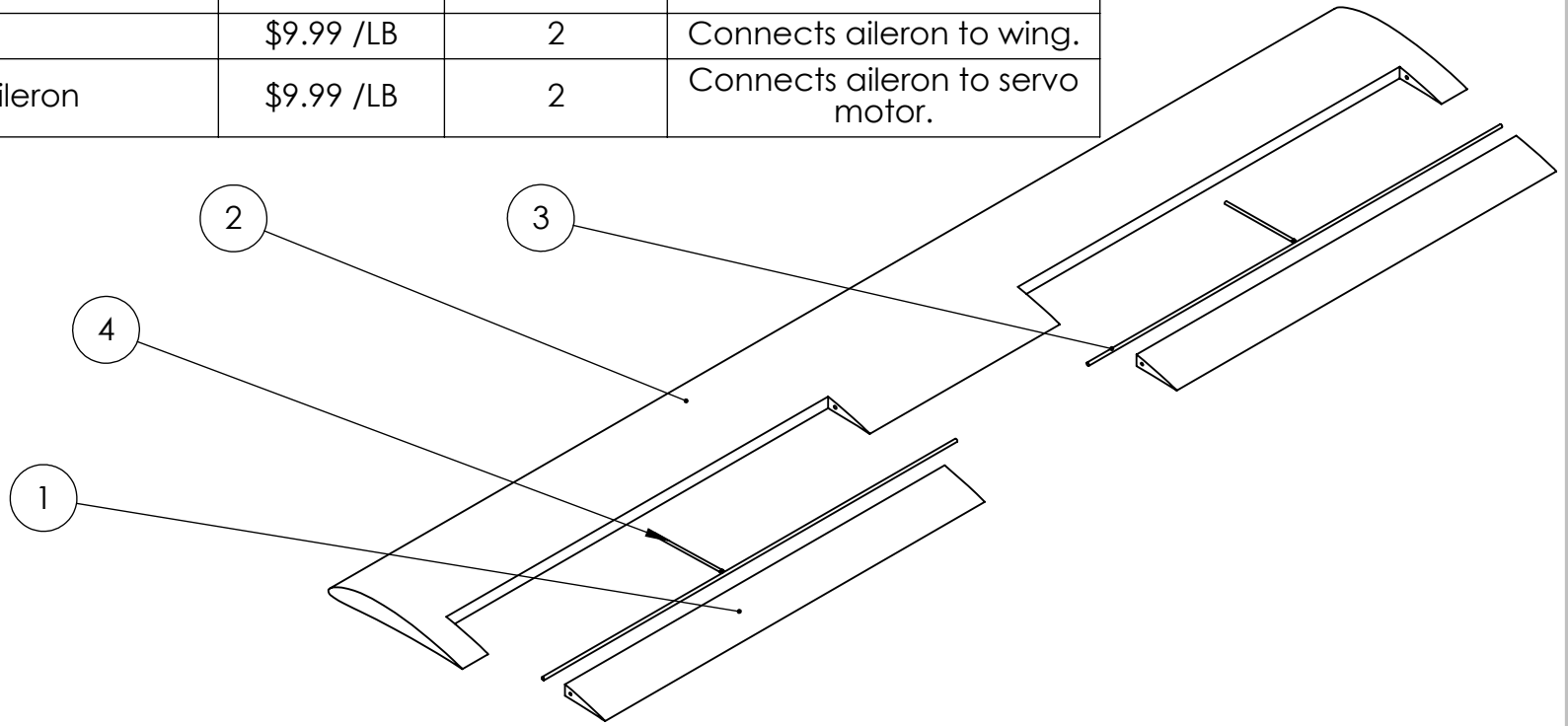
2

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ITEM NO.	PART NUMBER	PRICE	manual explode/QTY.	Description
1	UpdatedAilerons		2	Control surfaces that move opposite to each other and turn the aircraft about longitudinal axis.
2	UpdatedWingUpdatedAilerons		1	Primary lifting surface, houses ailerons.
3	aileronrod	\$9.99 /LB	2	Connects aileron to wing.
4	linkageforaileron	\$9.99 /LB	2	Connects aileron to servo motor.

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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	SM
		TOLERANCES:	CHECKED	11/18/21
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
NEXT ASSY	USED ON	FINISH		
	APPLICATION	DO NOT SCALE DRAWING		

TITLE:
Wing Assembly

SIZE **A** DWG. NO. REV

SCALE: 1:20 WEIGHT: SHEET 1 OF 1

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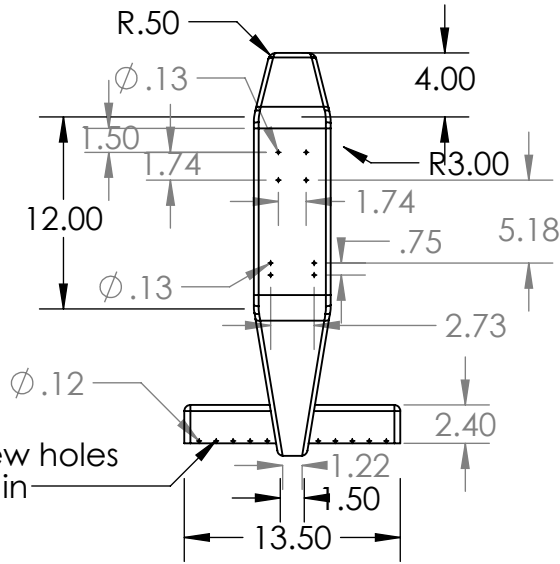
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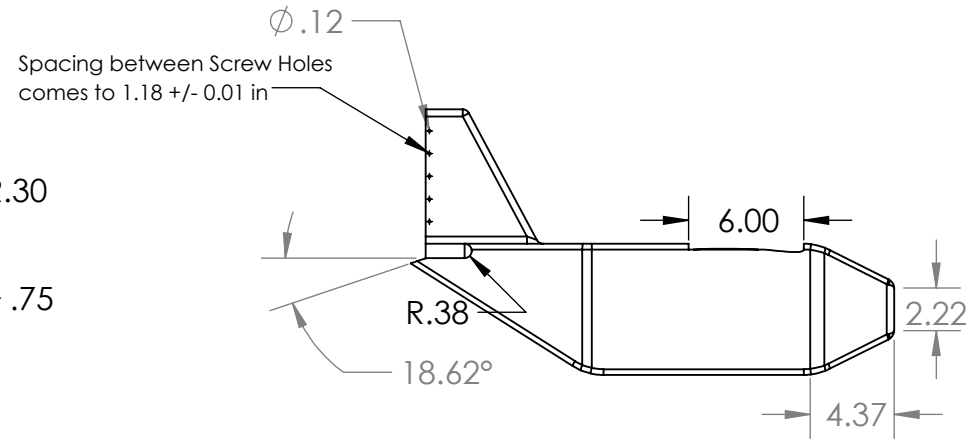
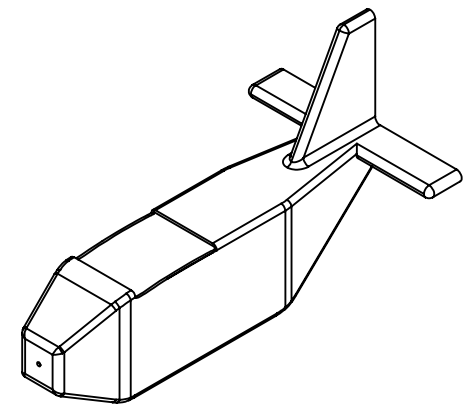
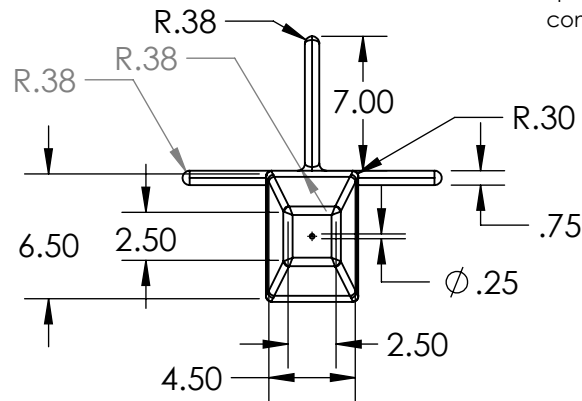
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Spacing between screw holes comes to 1.18 +/- 0.01 in



Spacing between Screw Holes comes to 1.18 +/- 0.01 in

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	HAM	2/27/22
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS: The model was crafted around a foam model for geometry and attachment of subsystems		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		Carbon Fiber			
		FINISH			
NEXT ASSY	USED ON				
	APPLICATION	DO NOT SCALE DRAWING			

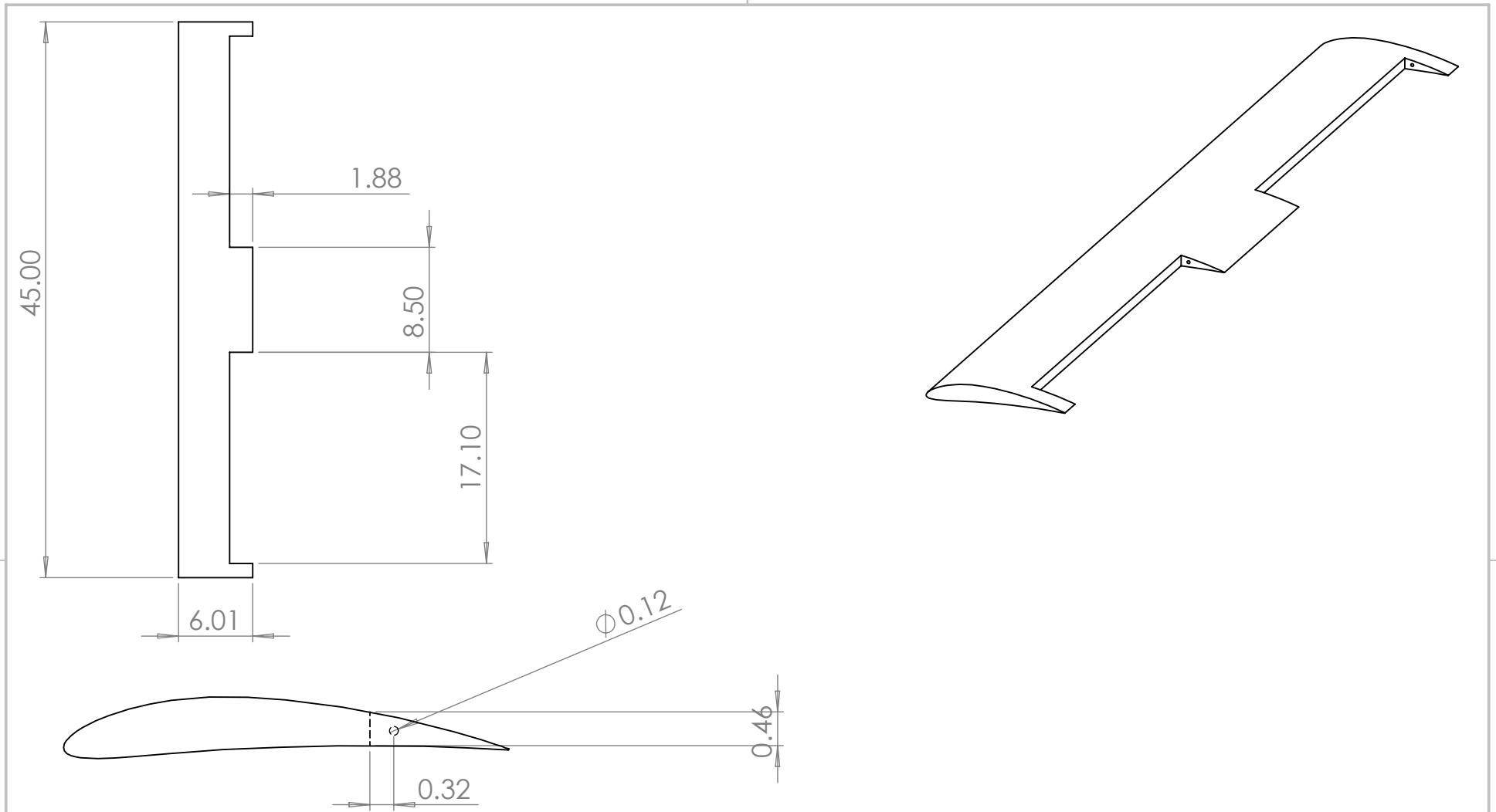
TITLE: Fuselage

SIZE **A** DWG. NO. REV
 SCALE: 1:12 WEIGHT: SHEET 1 OF 1

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: NACA 6412 Airfoil			
		DIMENSIONS ARE IN INCHES		DRAWN	SM			11/18/21	
		TOLERANCES:		CHECKED					
		FRACTIONAL ±		ENG APPR.					
		ANGULAR: MACH ± BEND ±		MFG APPR.					
		TWO PLACE DECIMAL ±		Q.A.					
		THREE PLACE DECIMAL ±		COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:				SIZE	DWG. NO.	REV	
		MATERIAL				A			
NEXT ASSY		USED ON				SCALE: 1:12		WEIGHT:	SHEET 1 OF 1
APPLICATION		DO NOT SCALE DRAWING							

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