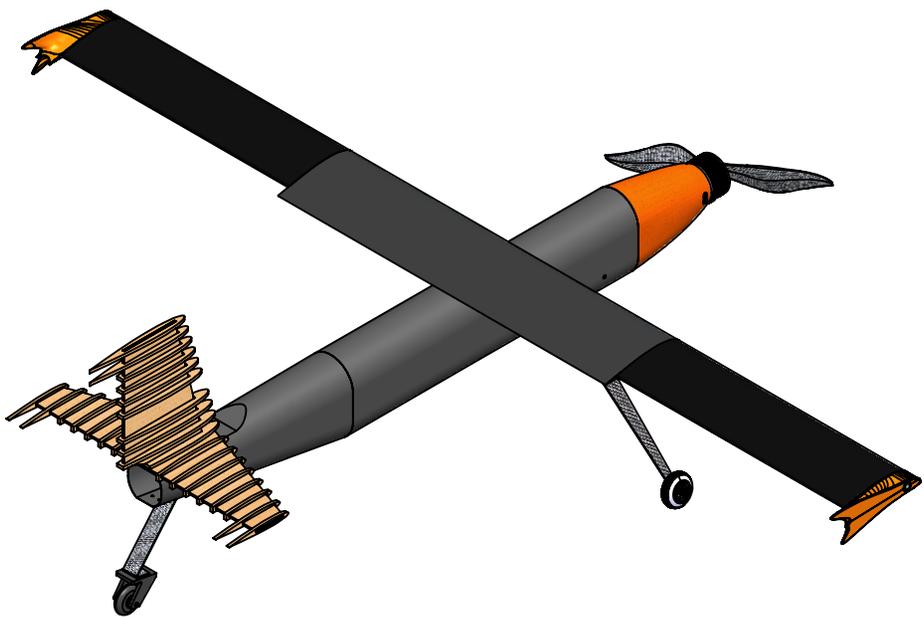
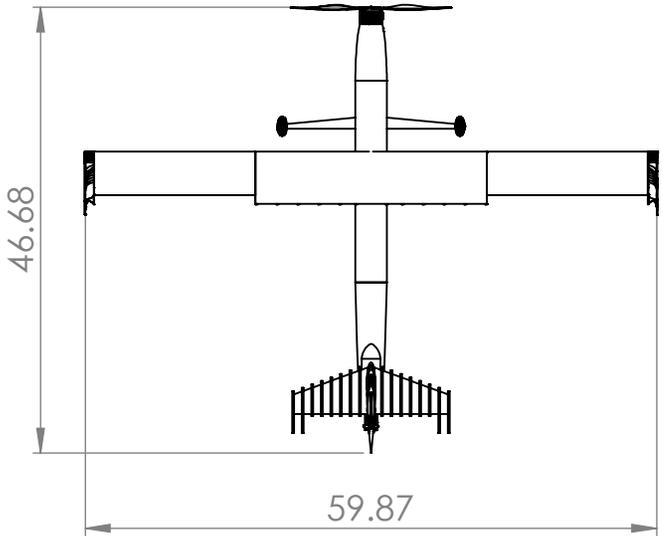
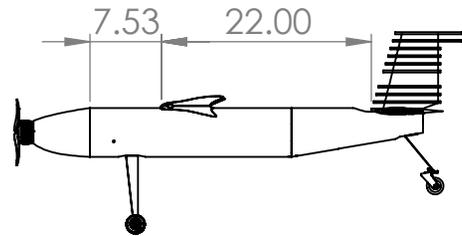
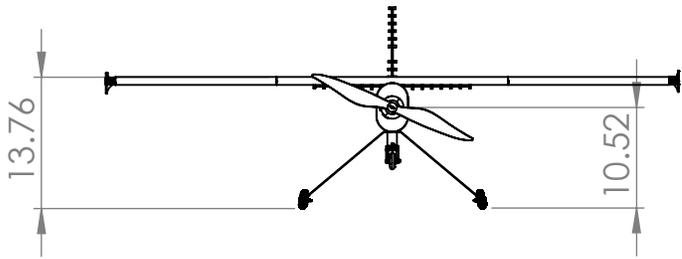


2

1



B

B

A

A



UNLESS OTHERWISE SPECIFIED: - DIMENSIONS ARE IN INCHES - TOLERANCES ARE ± .01" BENDS ± 1 Degree MATERIAL: N/A		DRAWN	Ajay Mohan	DATE	3/20/2020	SIZE	DWG. #	TITLE:	REV
CHECKED				3/20/2020		A	1	Assembly	1
				SCALE: 1:20		WEIGHT:		SHEET 1 OF 1	

2

1

2

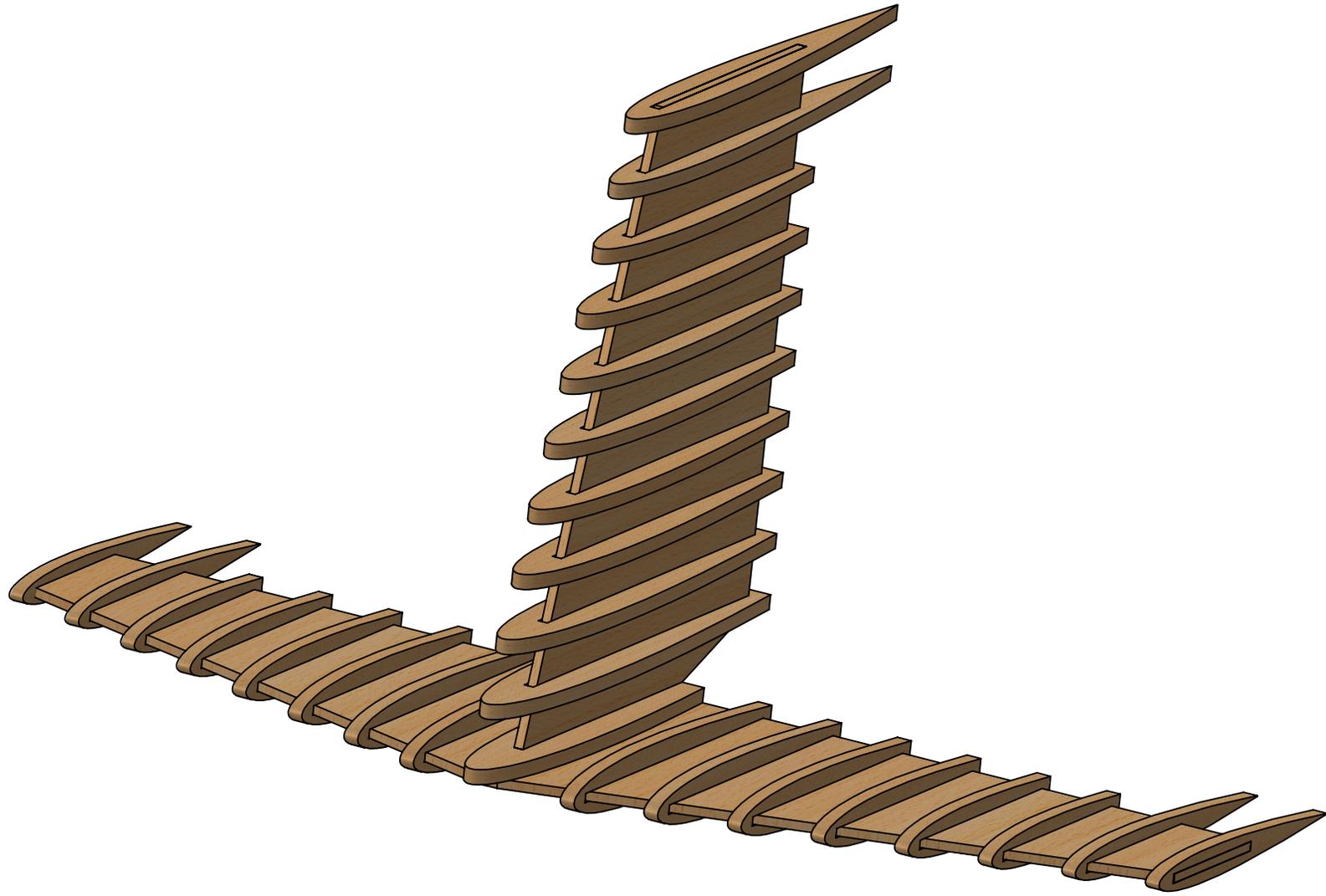
1

B

B

A

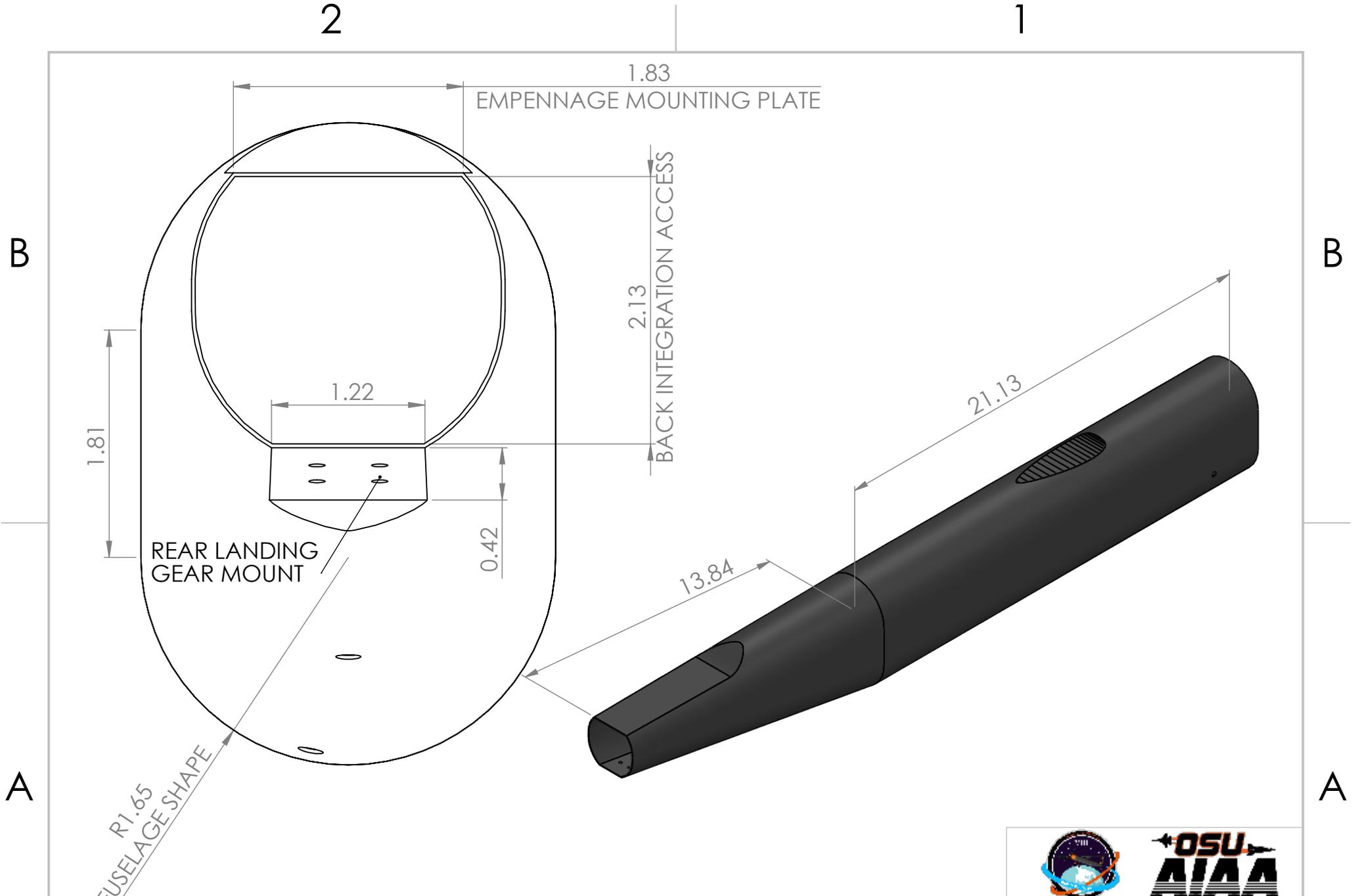
A



UNLESS OTHERWISE SPECIFIED: - DIMENSIONS ARE IN INCHES - TOLERANCES ARE ± .01" BENDS ± 1 Degree MATERIAL: Balsa/Plywood	NAME		DATE	SIZE	DWG. #	TITLE:	REV
	DRAWN	AJAY MOHAN	3/20/2020	A	1	EMPENNAGE	2
	CHECKED		3/20/2020	SCALE: 1:10	WEIGHT:	SHEET 1 OF 1	

2

1

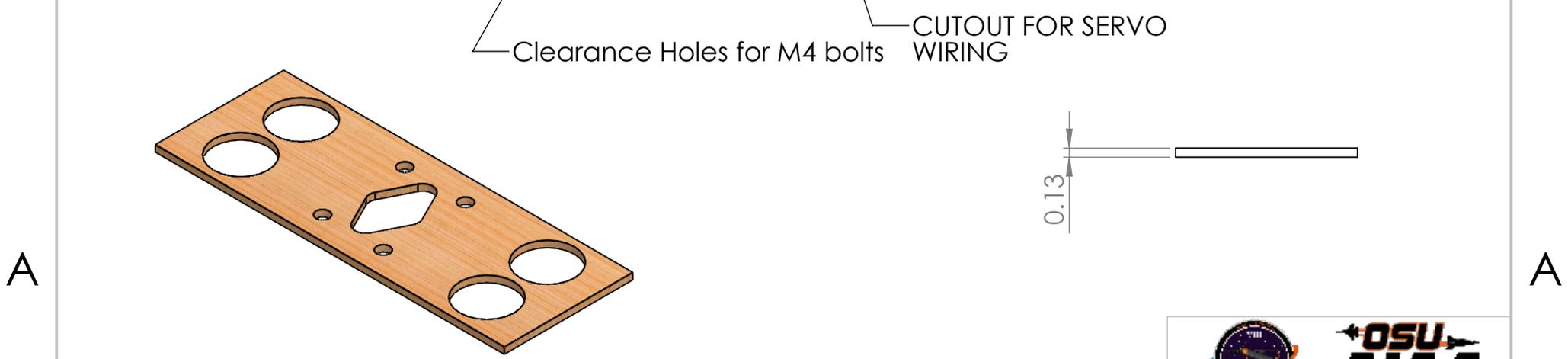
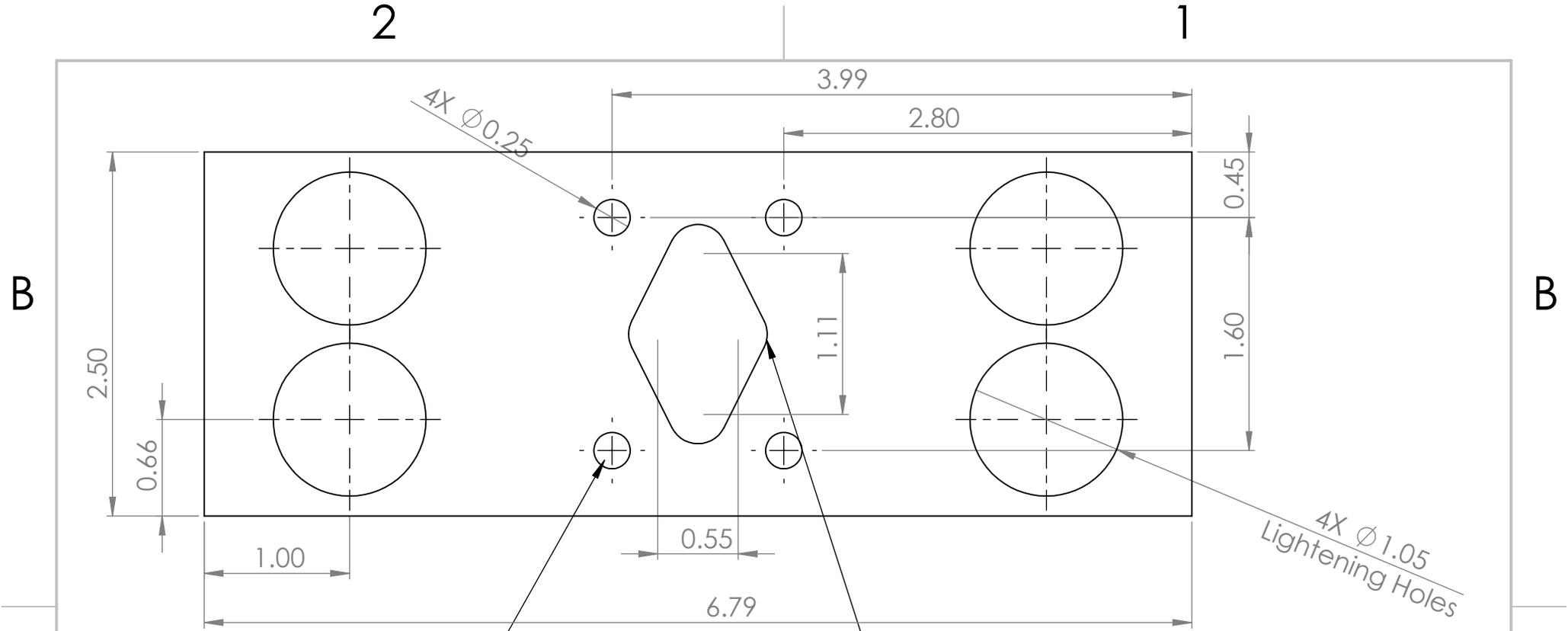


UNLESS OTHERWISE SPECIFIED:
 - DIMENSIONS ARE IN INCHES
 - TOLERANCES ARE
 ± .01"
 BENDS ± 1 Degree

	NAME	DATE
DRAWN	AJAY MOHAN	3/20/2020
CHECKED		3/20/2020

SIZE	DWG. #	TITLE:	REV
A	1	FUSELAGE	3
SCALE: 1:10	WEIGHT:	SHEET 1 OF 1	



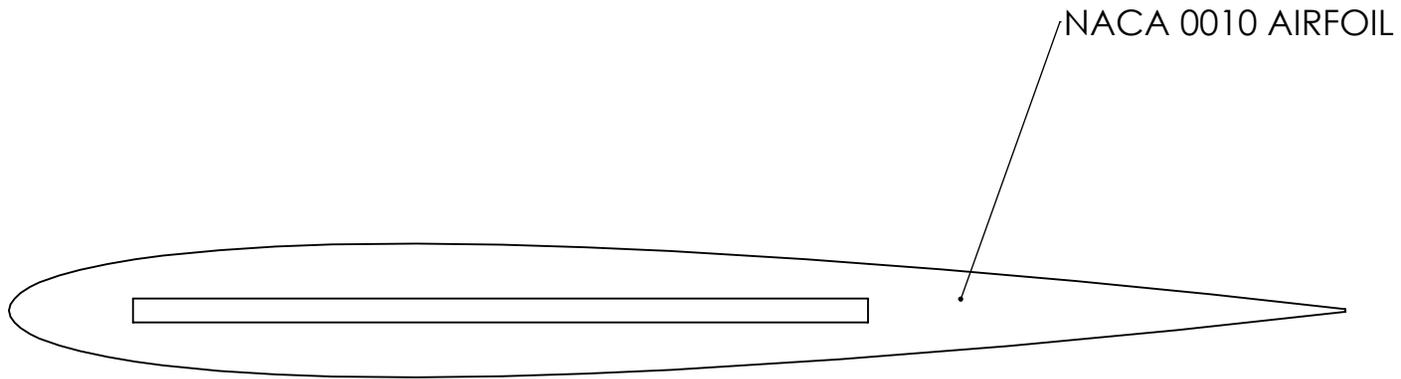


UNLESS OTHERWISE SPECIFIED: - DIMENSIONS ARE IN INCHES - TOLERANCES ARE ± .01" BENDS ± 1 Degree		NAME Ajay Mohan		DATE 3/20/2020	SIZE A	DWG. # 1	TITLE: Wing Mount	REV 1
MATERIAL: Plywood	CHECKED			3/20/2020	SCALE: 1:2	WEIGHT:	SHEET 1 OF 1	

2

1

VARYING LENGTHS/WIDTHS FOR SYMMETRICAL AIRFOIL EMPENNAGE



B

B

A

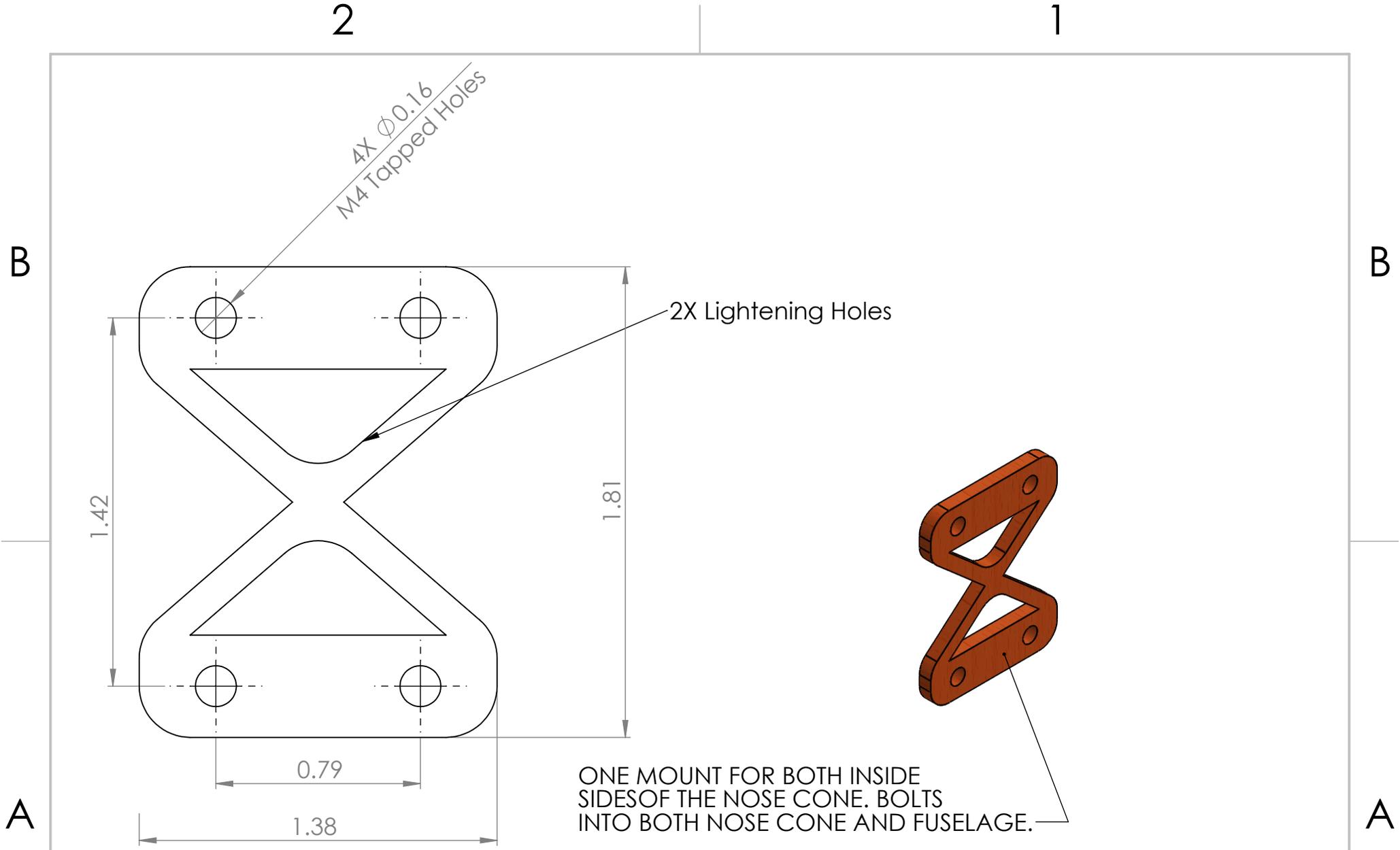
A

			
SIZE	DWG. #	TITLE:	REV
A	1	EMPENNAGE RIB	1
SCALE: 1:2		WEIGHT:	SHEET 1 OF 1

UNLESS OTHERWISE SPECIFIED:			
- DIMENSIONS ARE IN INCHES			
- TOLERANCES ARE			
± .01"			
BENDS ± 1 Degree			
MATERIAL:	BALSA	CHECKED	
DRAWN	AJAY MOHAN	DATE	3/20/2020
			3/20/2020

2

1



UNLESS OTHERWISE SPECIFIED: - DIMENSIONS ARE IN INCHES - TOLERANCES ARE ± .01" BENDS ± 1 Degree MATERIAL: PLA	DRAWN Ajay Mohan	DATE 3/20/2020	SIZE A	DWG. # 1	TITLE: N.Cone Mount	REV 1
CHECKED		3/20/2020	SCALE: 2:1	WEIGHT:	SHEET 1 OF 1	

2

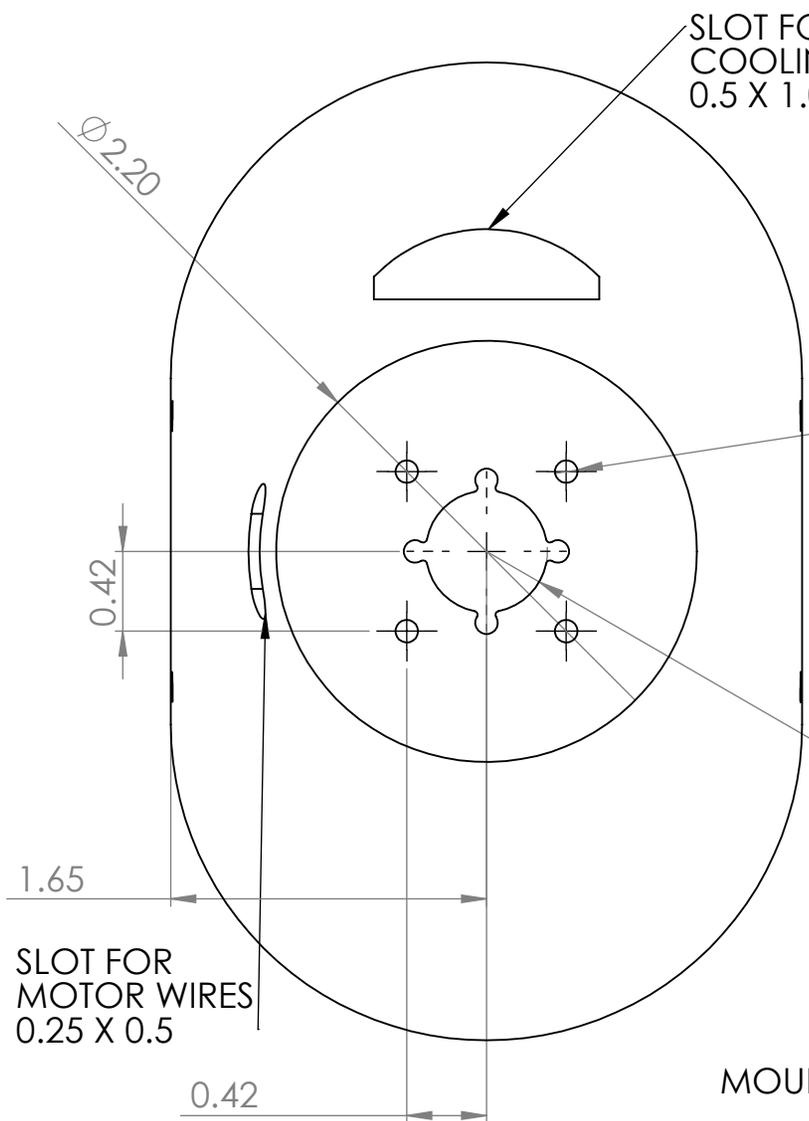
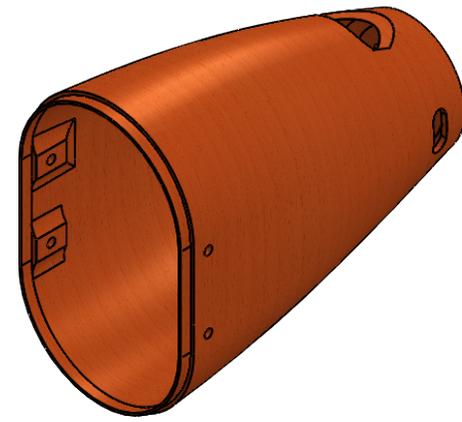
1

B

B

A

A

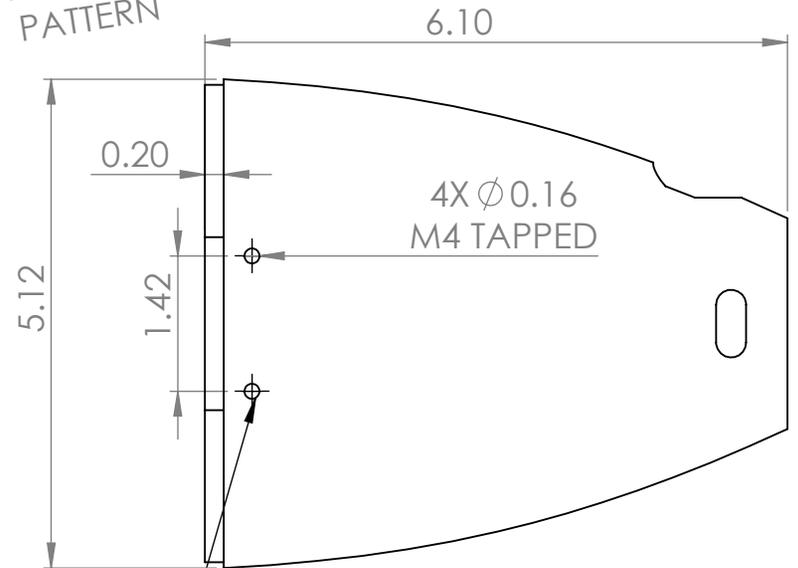


SLOT FOR AIRFLOW COOLING
0.5 X 1.0

4X $\phi 0.12$
KDE MOTOR BOLT
PATTERN

SLOT FOR MOTOR WIRES
0.25 X 0.5

R0.32



4X $\phi 0.16$
M4 TAPPED

MOUNTING BOLT HOLES



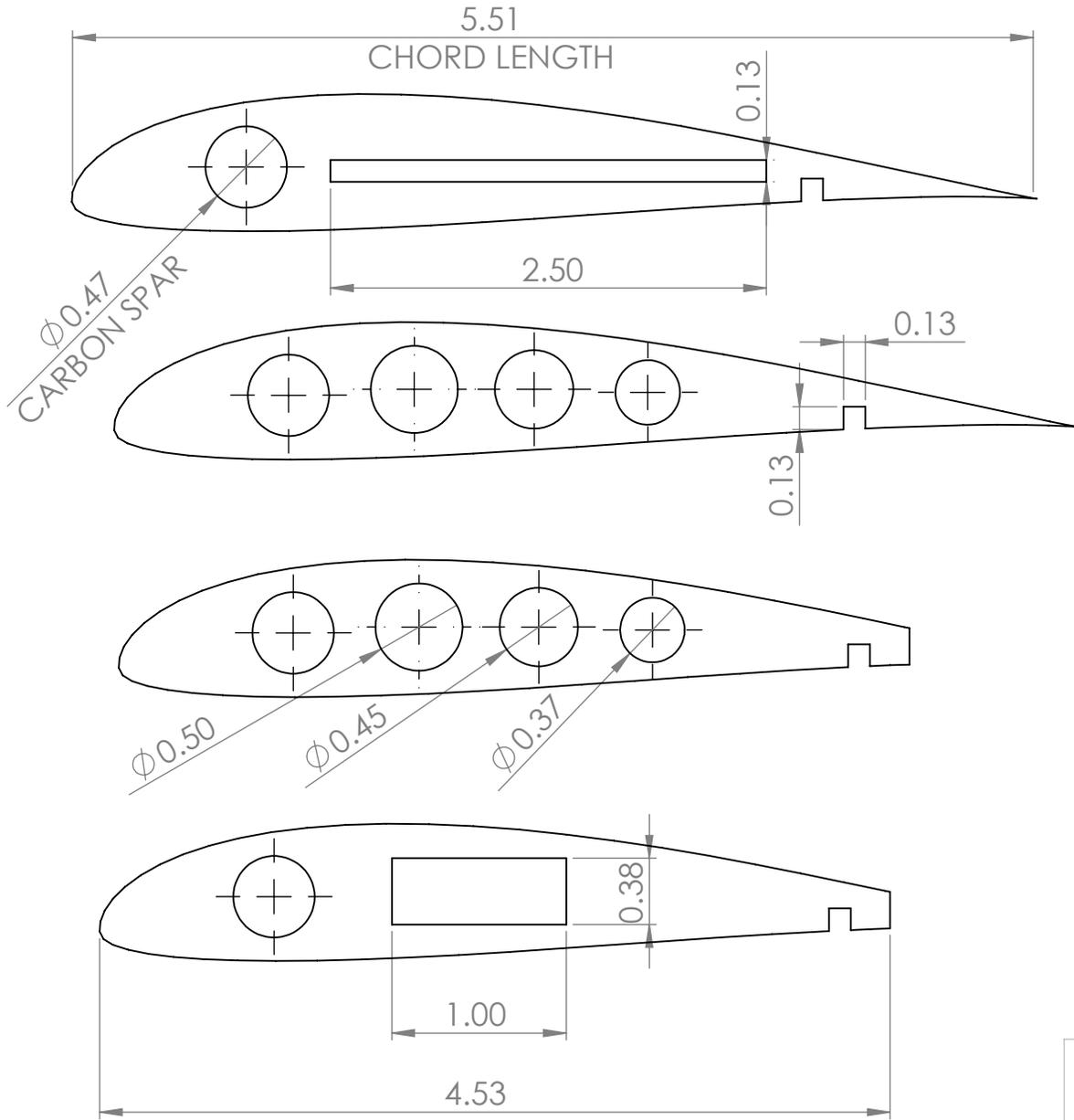
UNLESS OTHERWISE SPECIFIED: - DIMENSIONS ARE IN INCHES - TOLERANCES ARE $\pm .01$ " BENDS ± 1 Degree		NAME	DATE	SIZE	DWG. #	TITLE:	REV
DRAWN	Ajay Mohan	3/20/2020		A	1	Nose Cone	3
MATERIAL:	PLA	CHECKED	3/20/2020	SCALE: 1:5			SHEET 1 OF 1

2

1

2

1



B

B

A

A



UNLESS OTHERWISE SPECIFIED: - DIMENSIONS ARE IN INCHES - TOLERANCES ARE ± .01" BENDS ± 1 Degree		NAME AJAY MOHAN		DATE 3/20/2020	SIZE A	DWG. # 1	TITLE: WING RIBS	REV 2
MATERIAL: BALSA	CHECKED			3/20/2020	SCALE: 1:1	WEIGHT:	SHEET 1 OF 1	

2

1

2

1

R0.29
CARBON SPAR

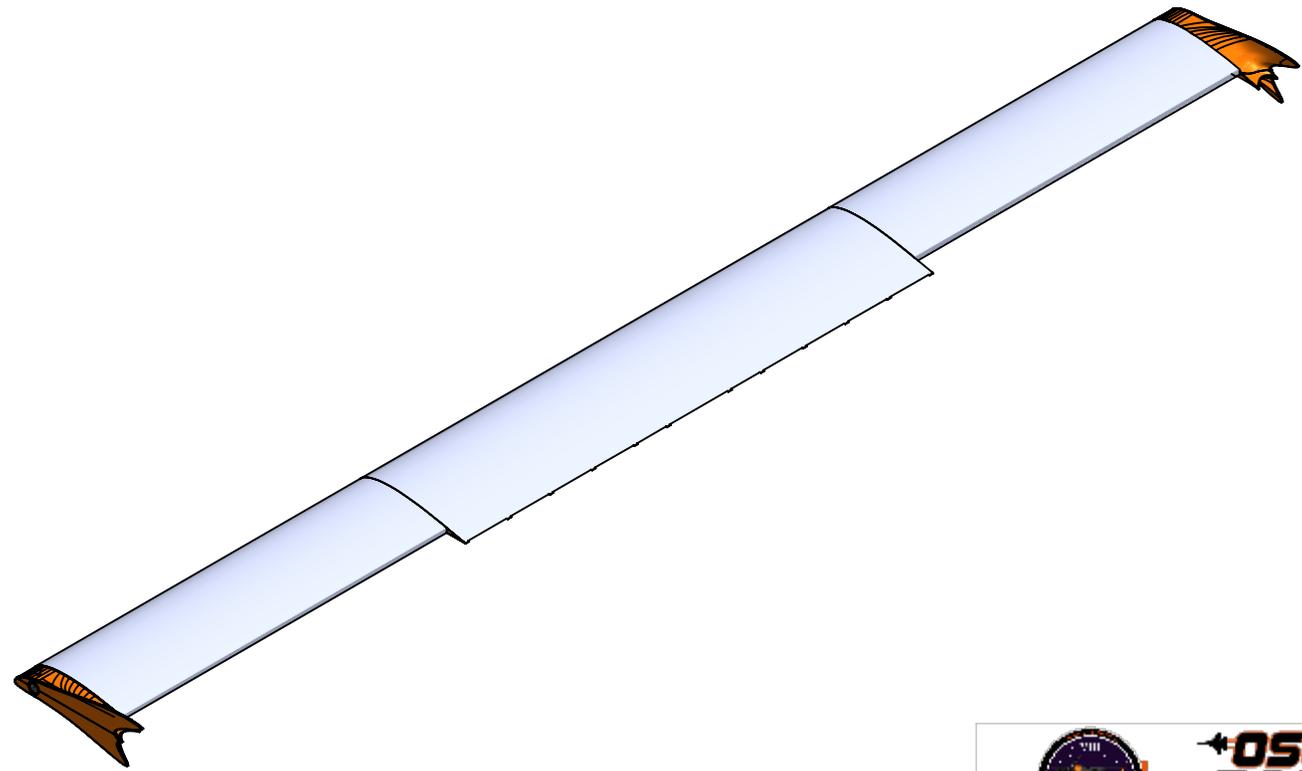
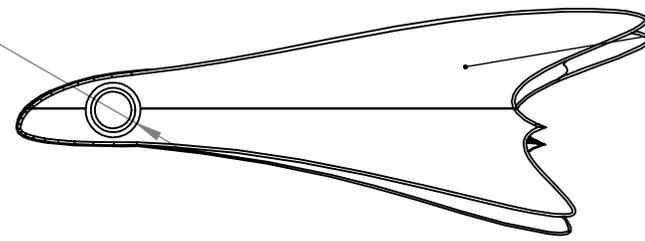
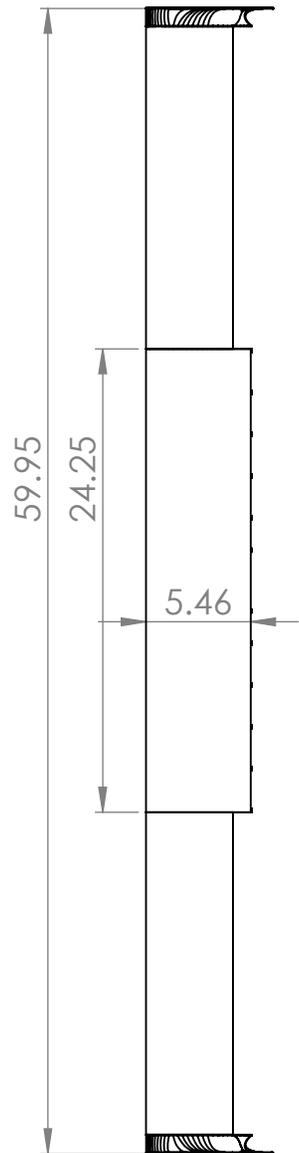
3D PRINTED WINGLETS

B

B

A

A



UNLESS OTHERWISE SPECIFIED:
- DIMENSIONS ARE IN INCHES
- TOLERANCES ARE
± .01"
BENDS ± 1 Degree

MATERIAL: N/A

	NAME	DATE
DRAWN	AJAY MOHAN	3/20/2020
CHECKED		3/20/2020

SIZE	DWG. #	TITLE:	REV
A	1	WING	3
SCALE: 1:20		WEIGHT:	SHEET 1 OF 1



2

1