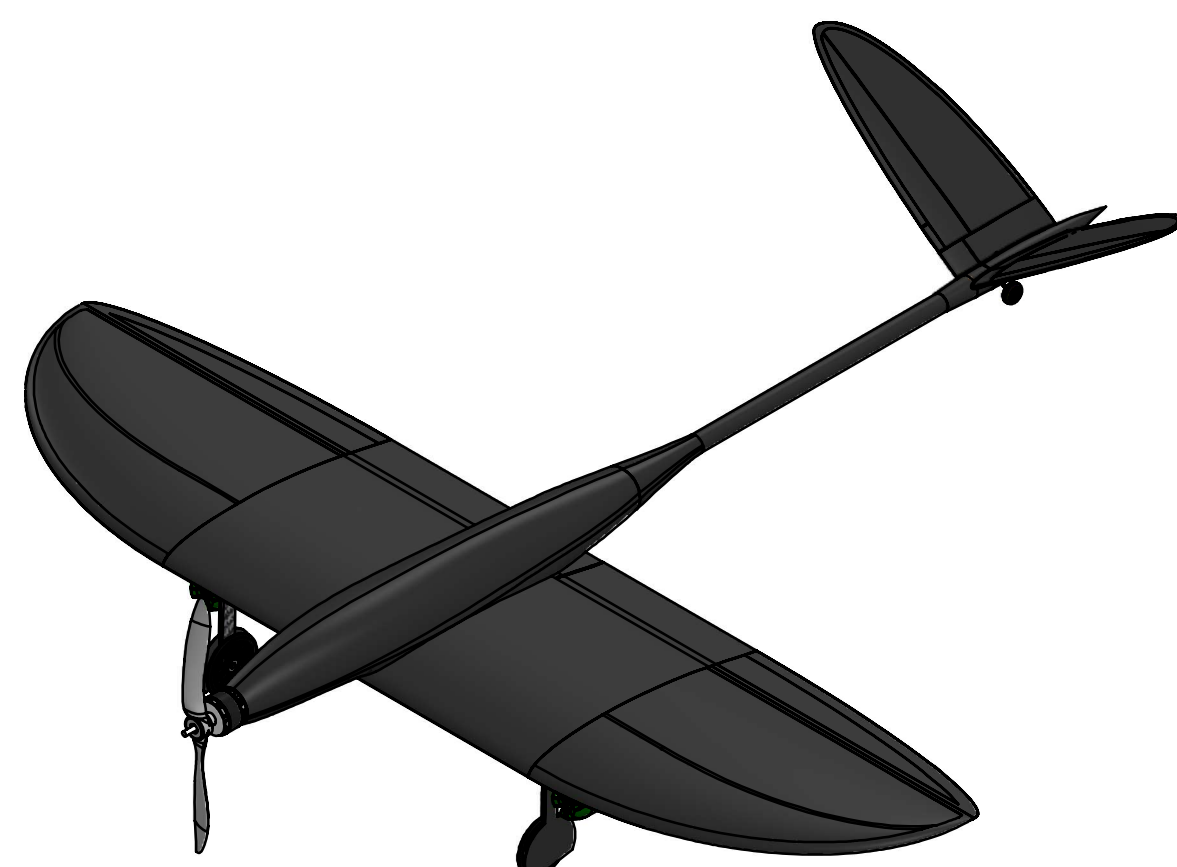
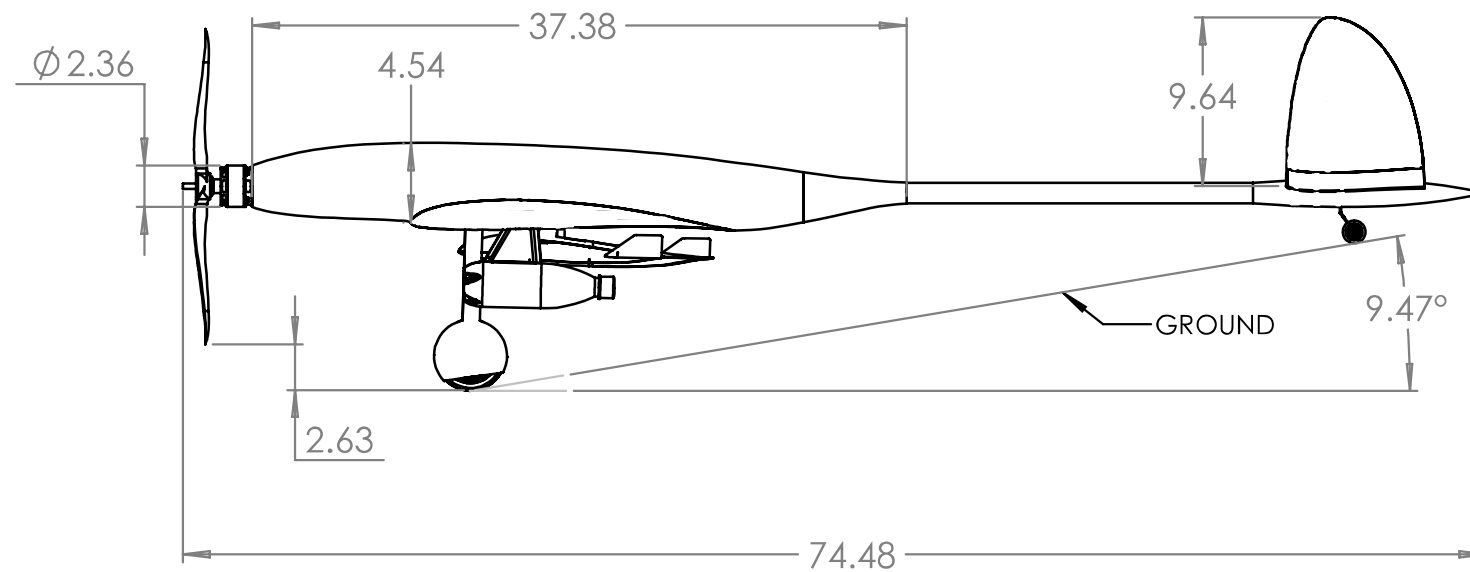
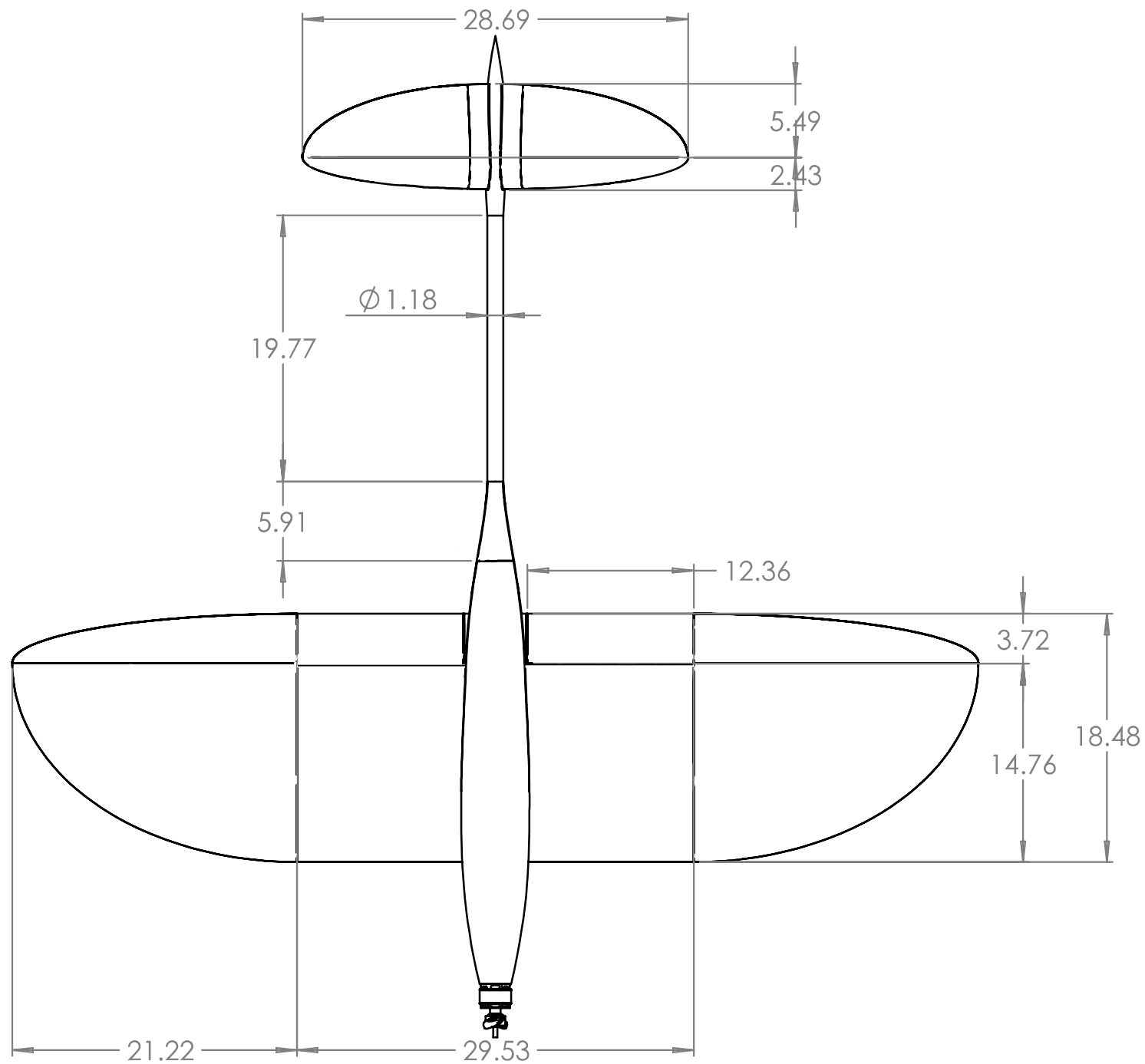
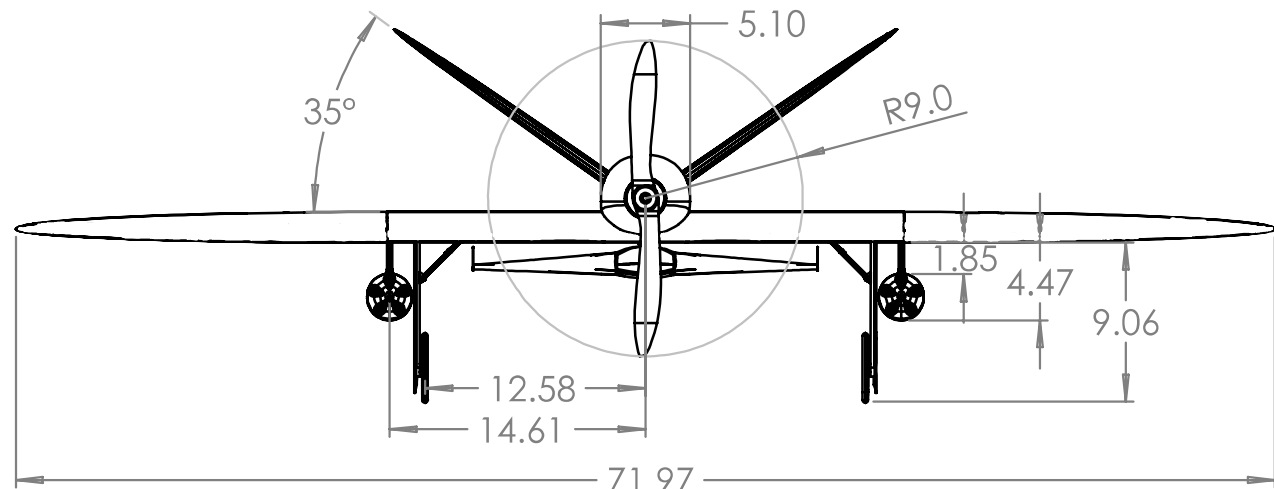




UNLESS OTHERWISE NOTED: ALL DIMENSIONS IN INCHES			
2025 UNIVERSIDADE DA BEIRA INTERIOR FACULDADE DE ENGENHARIA "UBIAT"			
SIZE B	DWG. NO. Aircraft 3-View	REV	
SCALE: 1:11		SHEET 1 OF 4	

4

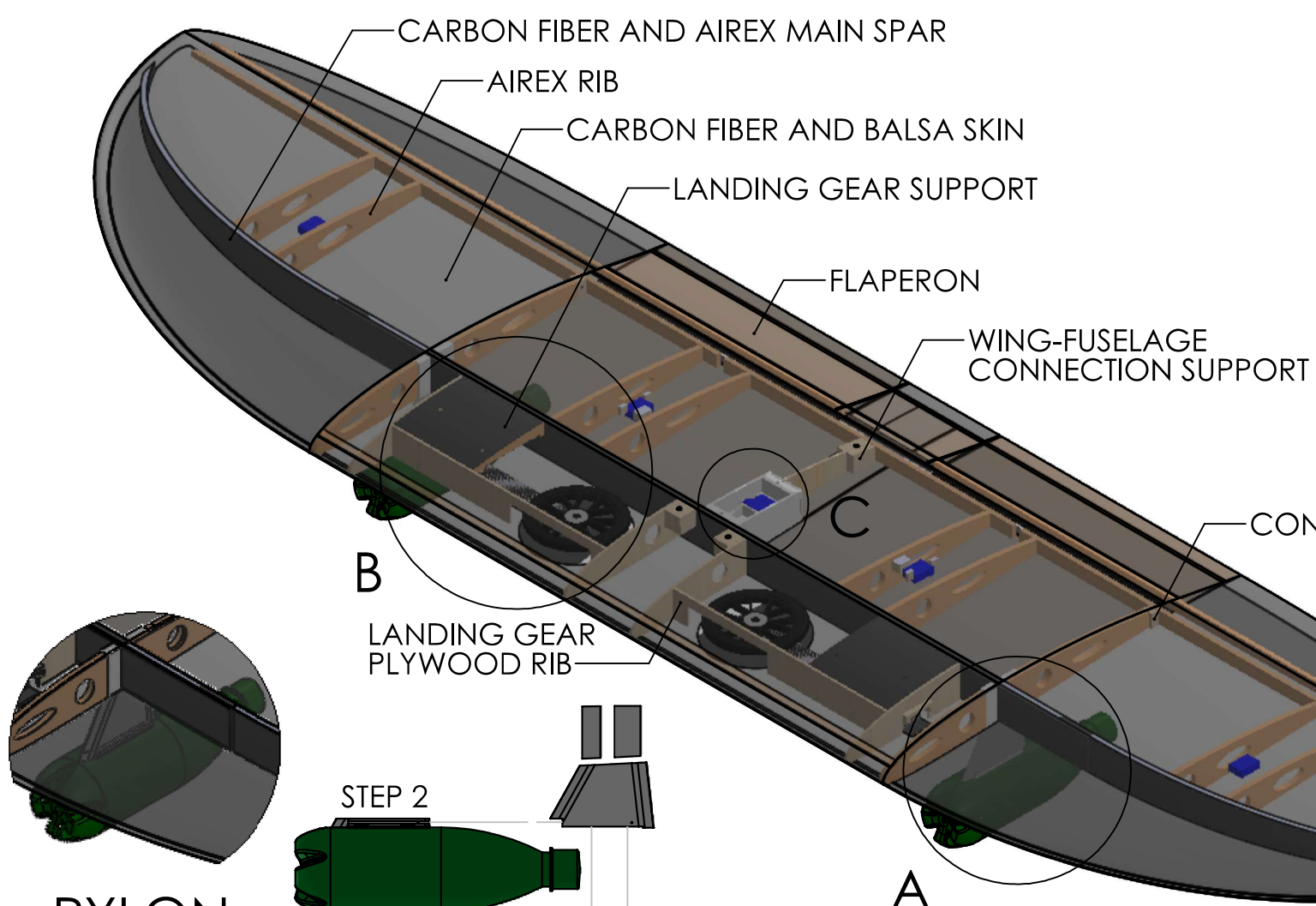
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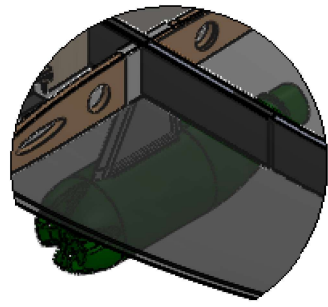
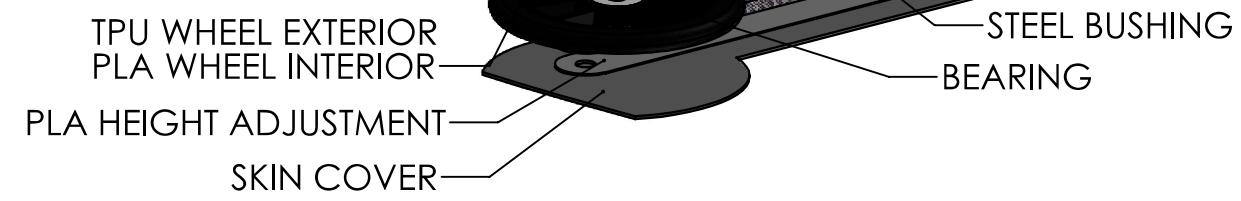
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B



LANDING GEAR B

SCALE 1 : 5



PYLON A

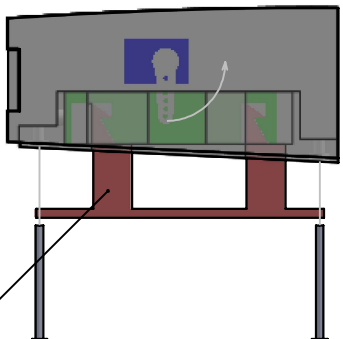
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WING INTERNAL STRUCTURE AND MECHANISMS

RELEASE C

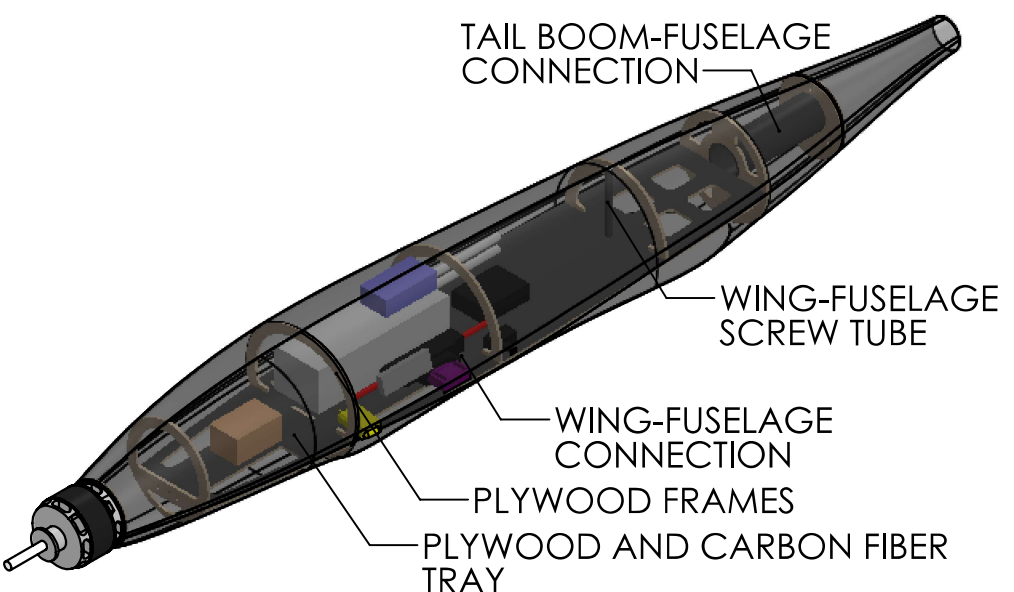
SCALE 1 : 3

X-1 VEHICLE ATTACHMENT

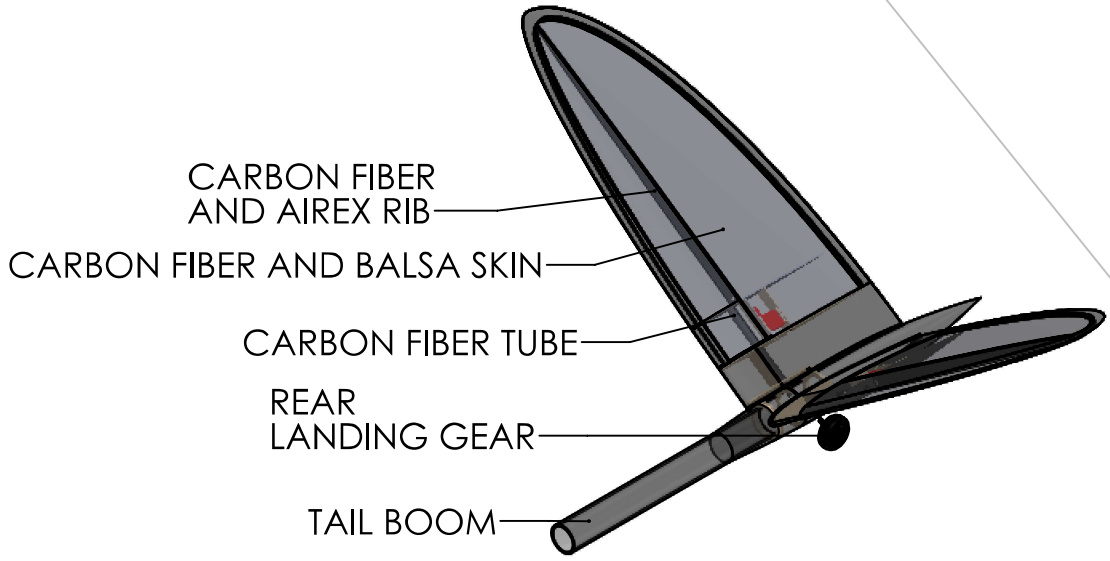


A

A



FUSELAGE INTERNAL STRUCTURE



TAIL INTERNAL STRUCTURE

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FACULDADE DE ENGENHARIA
"UBIAT"



SIZE DWG. NO.
B Aircraft Internal Structure

SCALE: 1:6

SHEET 2 OF 4

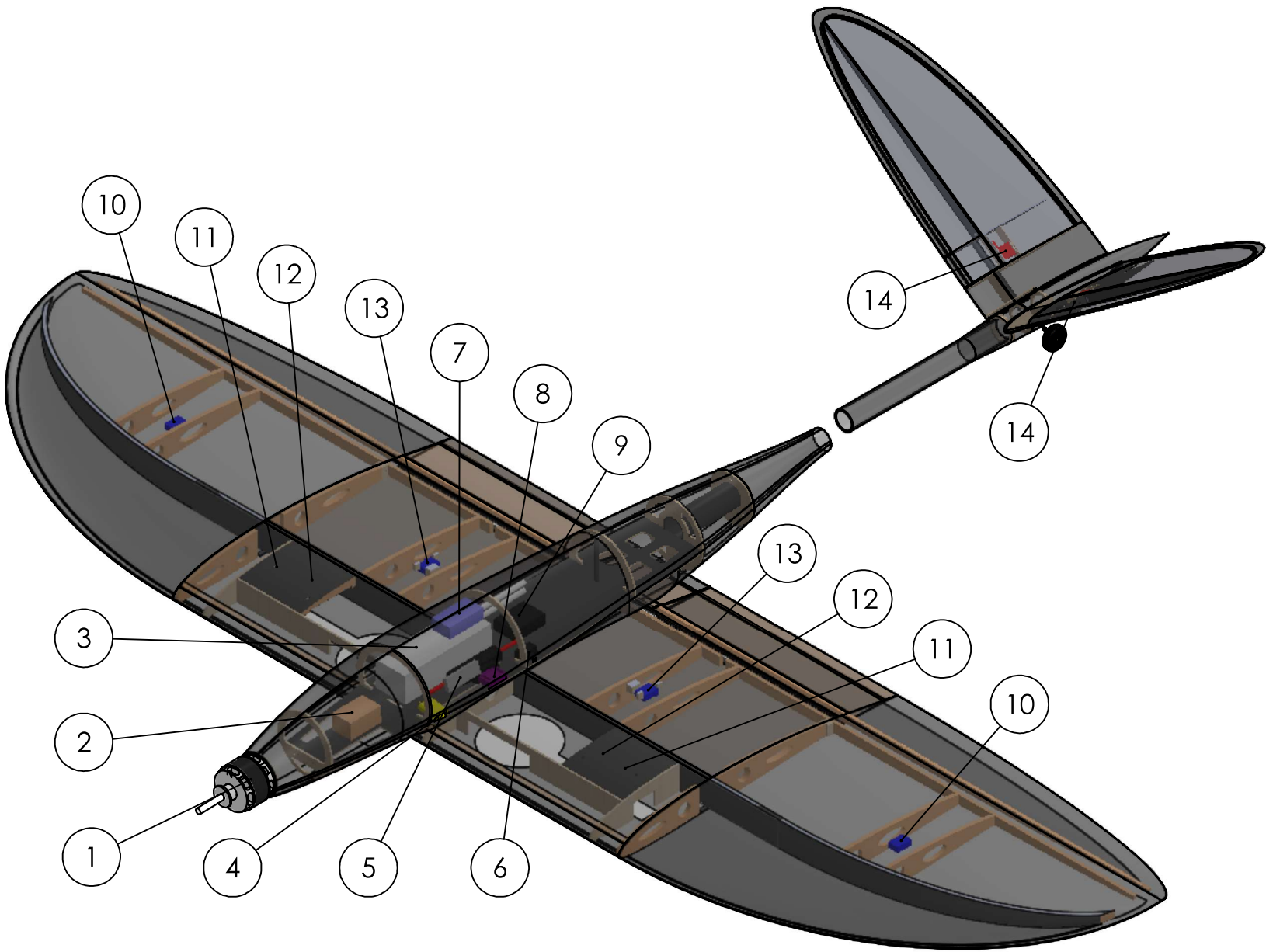
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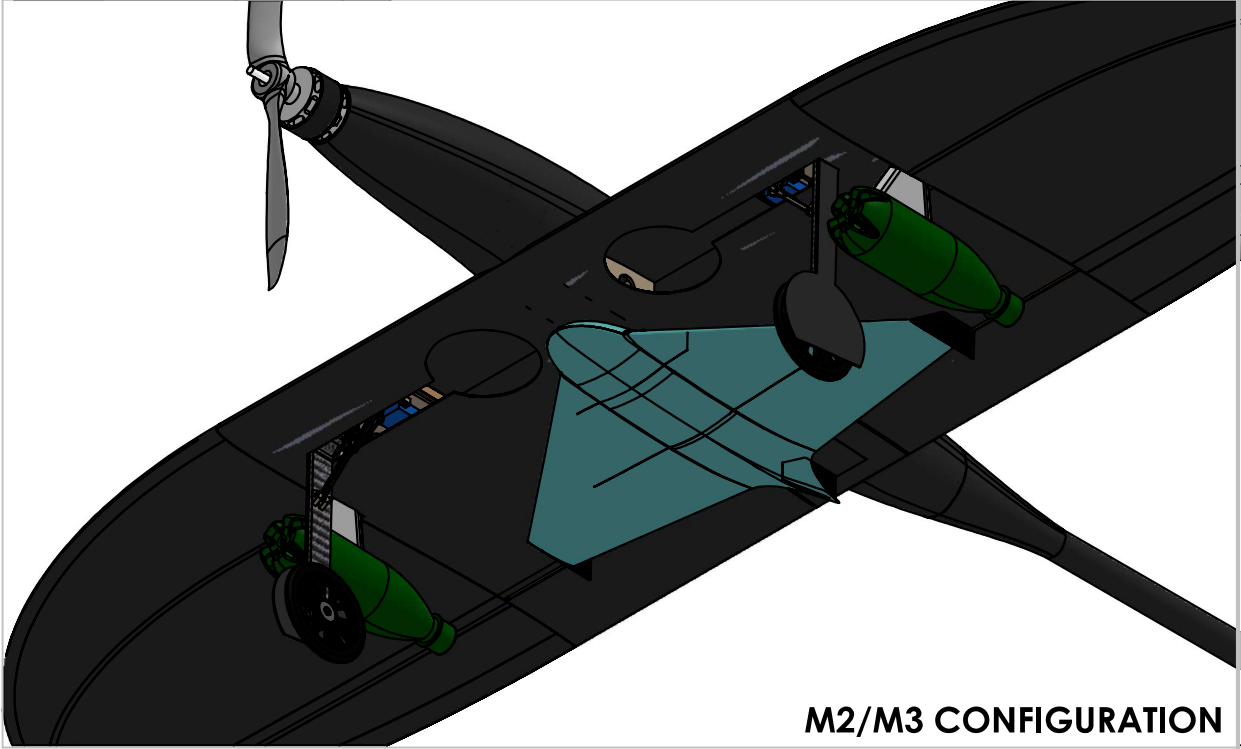
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B



B

M1 CONFIGURATION



M2/M3 CONFIGURATION

A

NUMBER	NAME	NUMBER	NAME
1	MOTOR	8	FUSE
2	ELECTRONIC SPEED CONTROLLER	9	RECEIVER
3	BATTERY - 6S 4500mAh	10	AILERON SERVO
4	ARMING SWITCH	11	LOCKING SERVO
5	BEC	12	LANDING GEAR SERVO
6	RADIO SWITCH	13	FLAPERON SERVO
7	BATTERY - 2S 800mAh	14	TAIL SERVO

4

3

2

1

A

UNLESS OTHERWISE NOTED: ALL DIMENSIONS IN INCHES

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FACULDADE DE ENGENHARIA
"UBIAT"



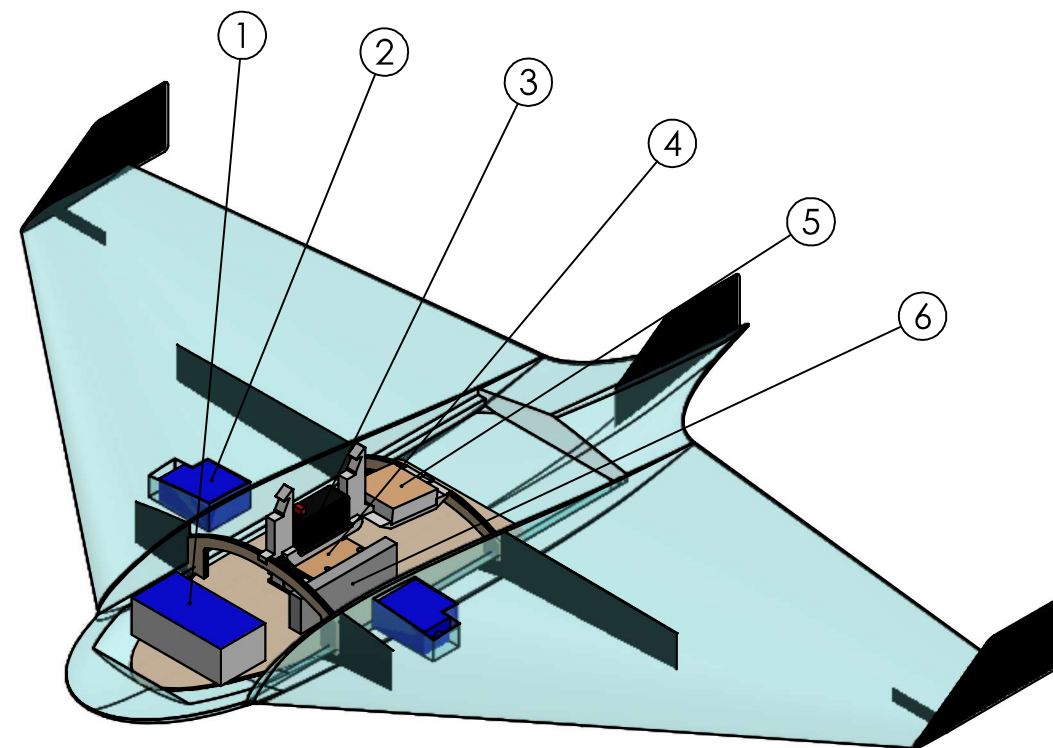
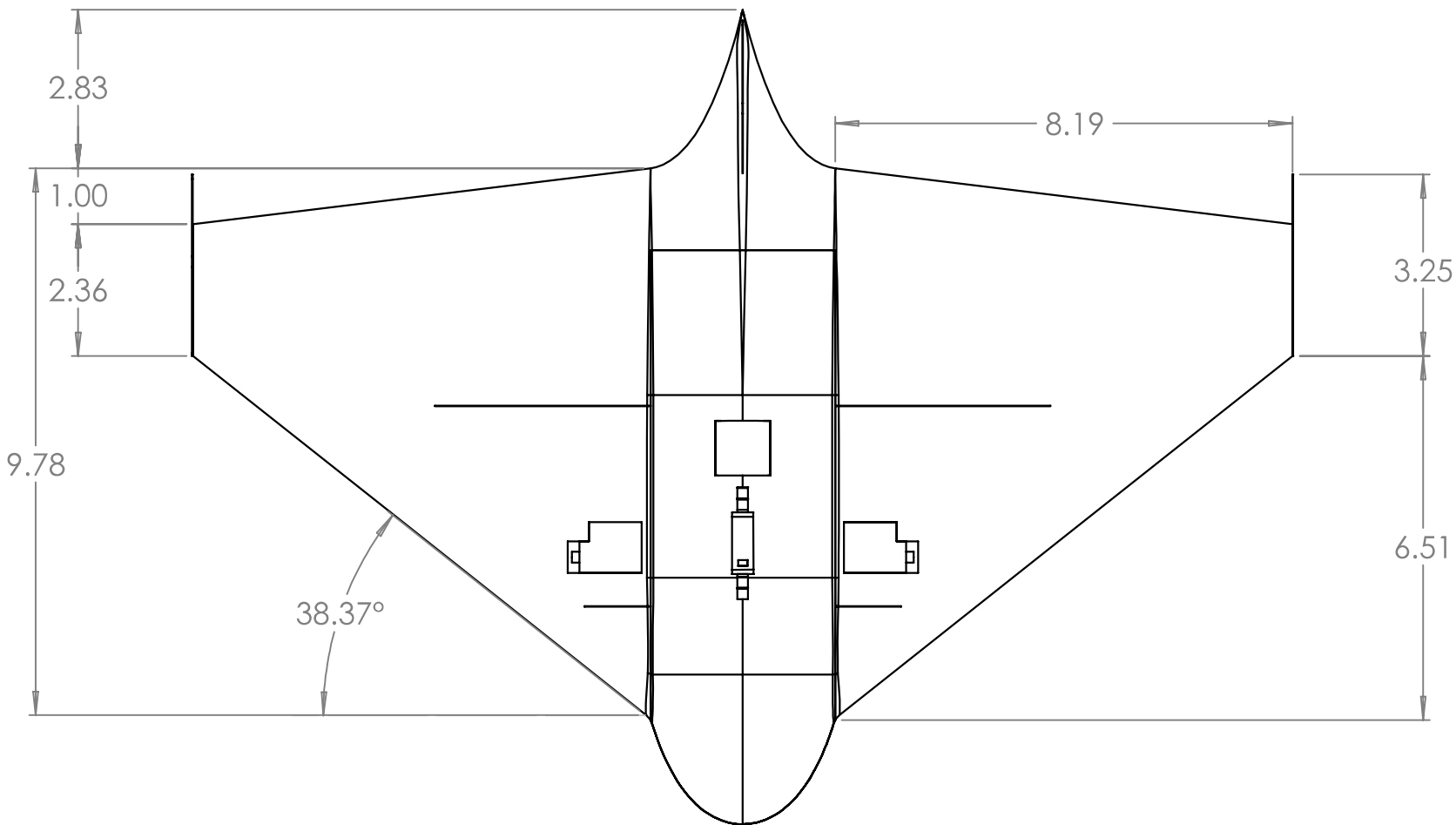
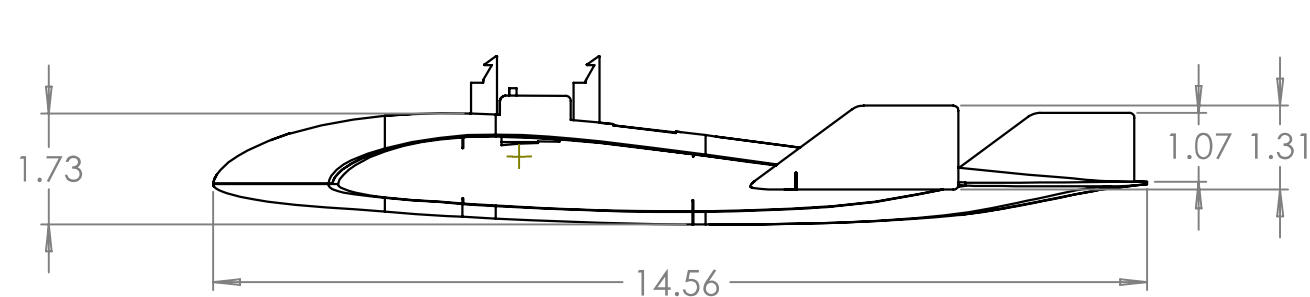
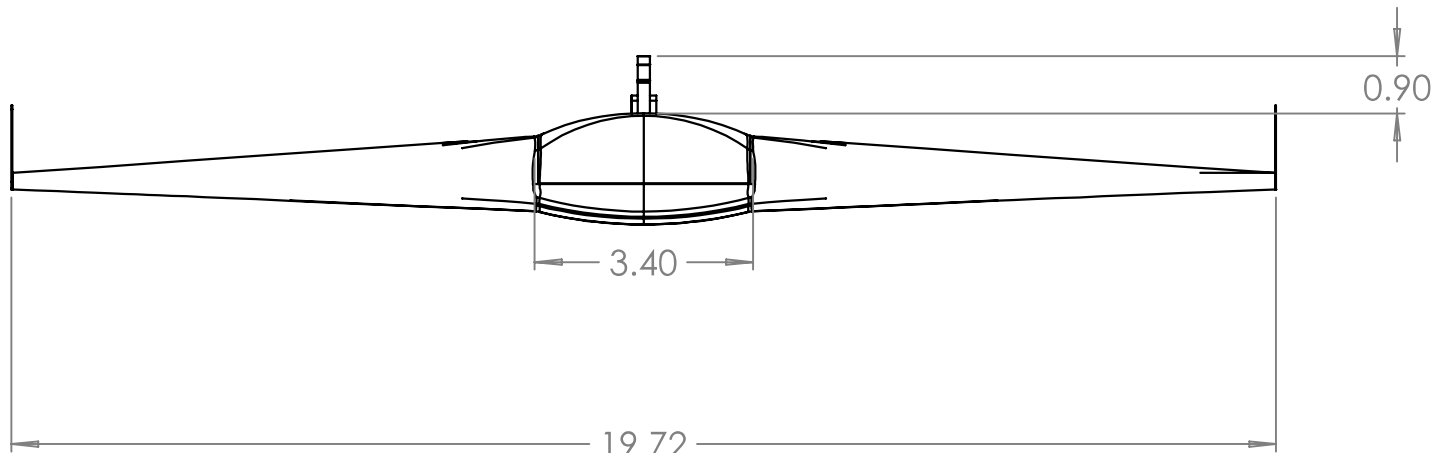
SIZE	DWG. NO.	REV
B	Aircraft Systems	

SCALE: 1:7

SHEET 3 OF 4

B

A



NUMBER	NAME
1	BATTERY
2	SERVO
3	SWITCH
4	FLIGHT CONTROLLER
5	GPS
6	BEC

UNLESS OTHERWISE NOTED: ALL DIMENSIONS IN INCHES		
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SIZE B	DWG. NO. X-1 Vehicle 3-View	REV
SCALE: 1:3		SHEET 4 OF 4

B

A