


Artifact ID: ART-019	Artifact Title: High Altitude Camera Mount Drawing		
Revision: 01	Revision Date: February 24, 2025		
Prepared by: Blake Folsom		Checked by: Nina Chao	
Purpose: Gives key dimensions for the high-altitude camera mount. This drawing could be used to recreate the mount. However, the geometry is complex, and the CAD files should be used and relied on. (CAD files: https://byu.box.com/s/vil5nlui6tnnyj08t3dsop6s4aceqpif)			

Revision History			
Revision	Revised by	Checked by	Date
01	Nina Chao	Blake Folsom	March 25, 2025

4

3

2

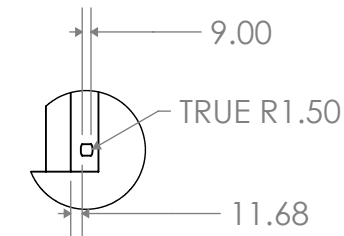
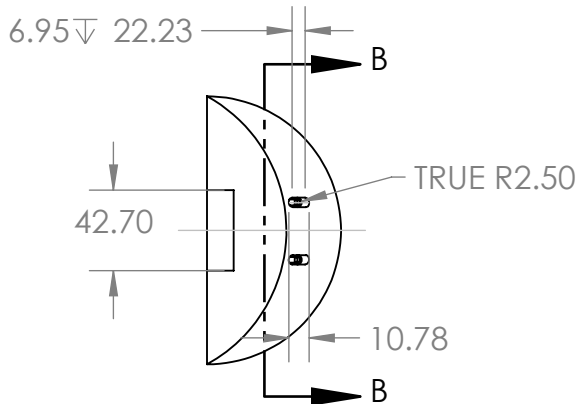
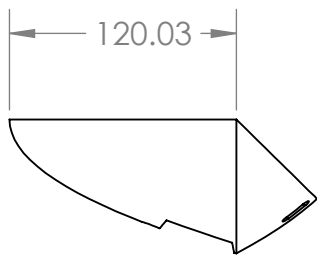
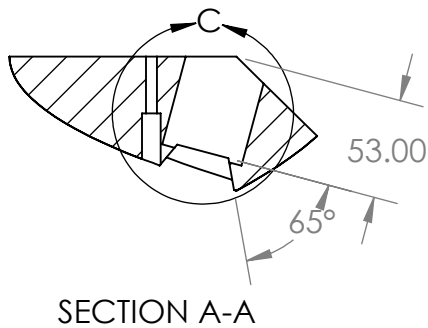
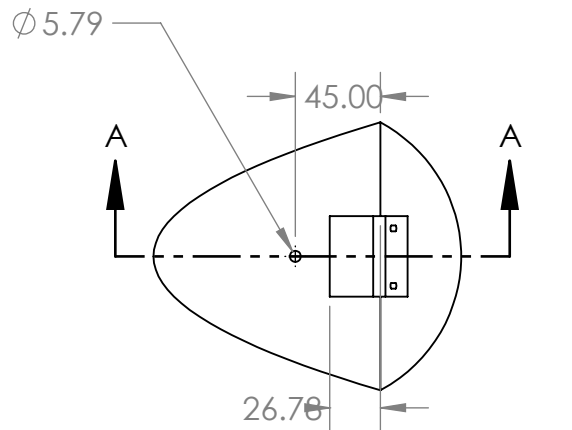
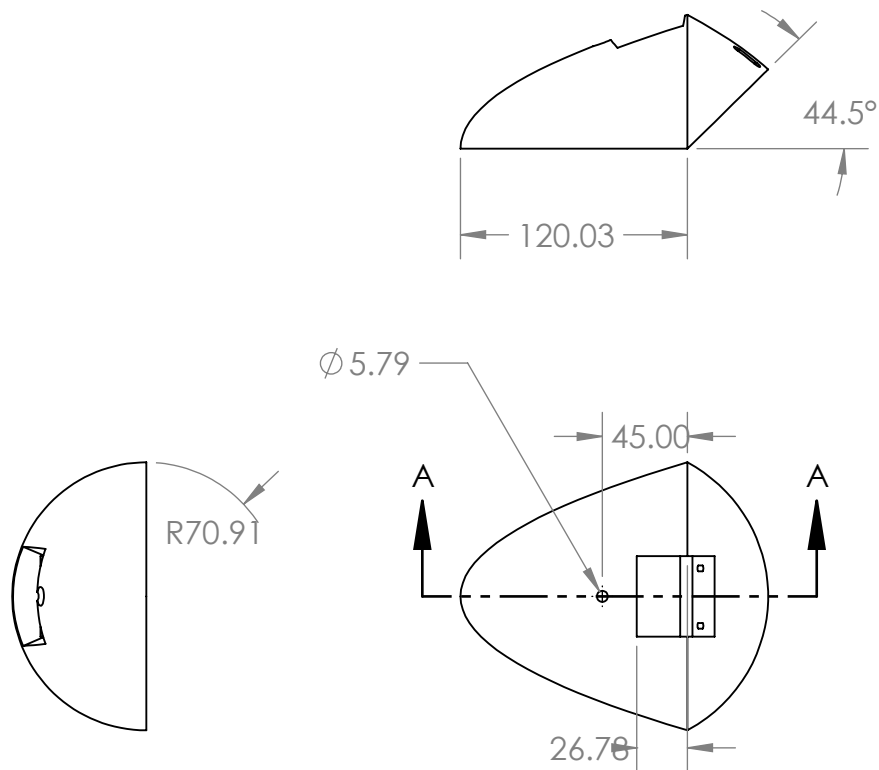
1

B

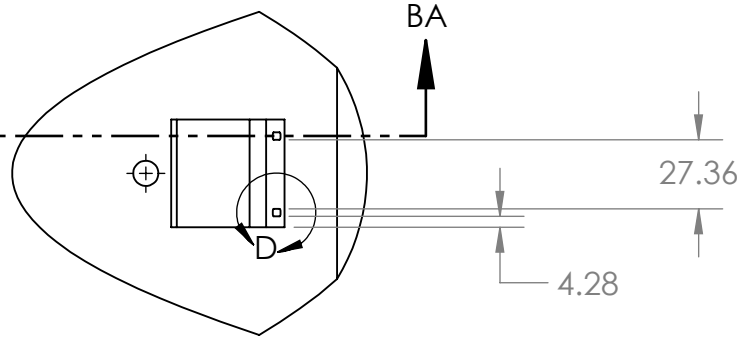
B

A

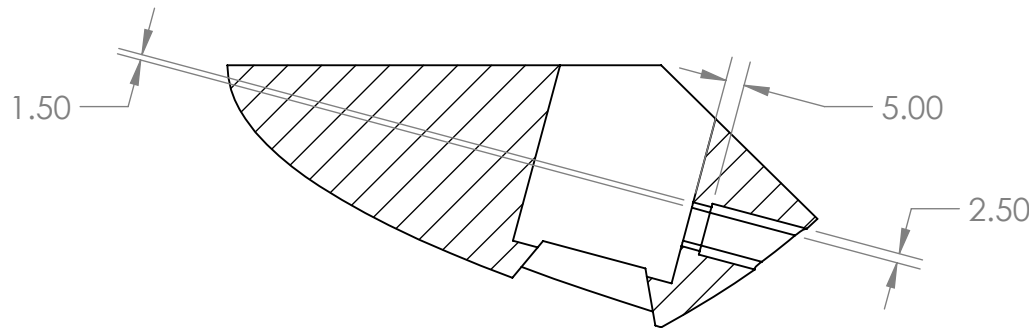
A



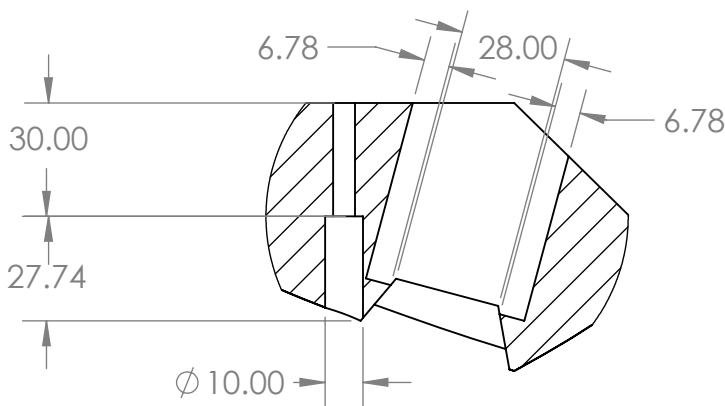
DETAIL D
SCALE 1 : 2



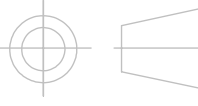
SECTION B-B
SCALE 1 : 3



SECTION BA-BA
SCALE 1 : 2



DETAIL C
SCALE 1 : 2

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		NAME	DATE	Capstone-XPRIZE Wildfire	
INCH: 0.0 = ± 0.06 0.00 = ± 0.06 0.000 = ± 0.009		DRAWN BY: B.FOLSOM	3/19/25		
MM: 0. = ± 0.50 0. = ± 0.25 0.00 = ± 0.15 0.000 = ± 0.05		CHECKED BY: N.CHAO	3/25/25	PART NAME:	
ANGULAR: 0.0 = ± 1 0.00 = ± 0.5		UNITS: Millimeters		HIGH ALT. CAMERA MOUNT	
		MATERIAL: PLA		SIZE	REV
		FINISH:		B	A
DO NOT SCALE DRAWING		COMMENTS:		SCALE: 1:4	SHEET 1 OF 1

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