
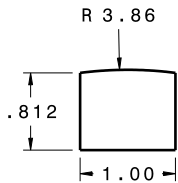


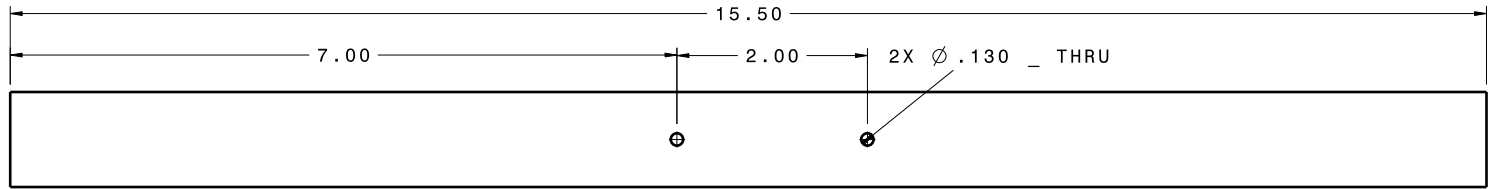
Digits	Tolerance		
X	±0.025		
.X	±0.015		
.XX	±0.010	Angles	
.XXX	±0.005	X°	±1°

DESIGNED BY: Project Calypso				I	-
DATE: 10/18/2023				H	-
CHECKED BY: Tyler Phillips				G	-
DATE: 10/18/2023				F	-
SIZE C		Life Raft Bracket		E	-
SCALE 1:1	WEIGHT (lb) 0.21			D	-
DRAWING NUMBER CALYPSO-01-0401				C	-
				B	-
				A	-
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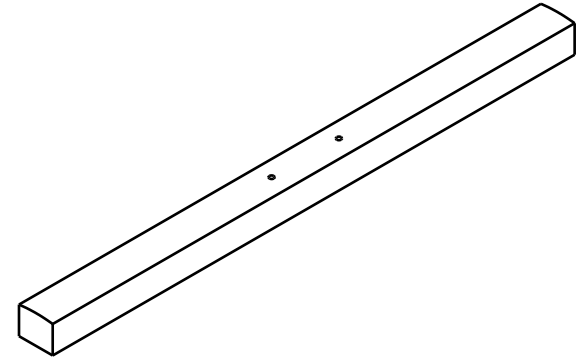
This drawing is our property; it can't be reproduced or communicated without our written agreement.



Front view




Top View



Isometric view
Scale: 1:2

Layup:
[0F/45F/0F/45F/Core]s 2x2 Twill CF and 0.875" Nomex Honeycomb

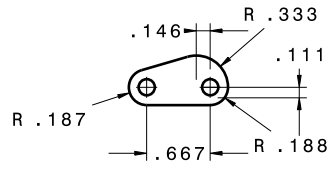
Digits	Tolerance		
X	±0.025		
.X	±0.015		
.XX	±0.010	Angles	
.XXX	±0.005	X°	±1°

DESIGNED BY: Project Calypso		EMBRY-RIDDLE Aeronautical University	I	-
DATE: 10/18/2023			H	-
CHECKED BY: Tyler Phillips			G	-
DATE: 10/18/2023			F	-
SIZE C		Fuselage Spine	E	-
SCALE 1:1	WEIGHT (LBS) 0.58		D	-
DRAWING NUMBER CALYPSO-01-0403			C	-
SHEET 1 / 1			B	-
This drawing is our property; it can't be reproduced or communicated without our written agreement.			A	-

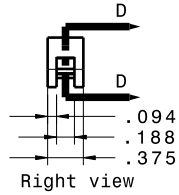
2X Cam



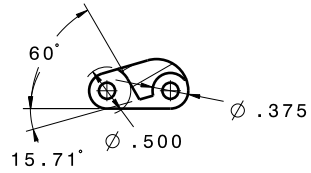
Isometric view



Top View

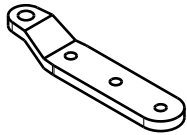


Right view

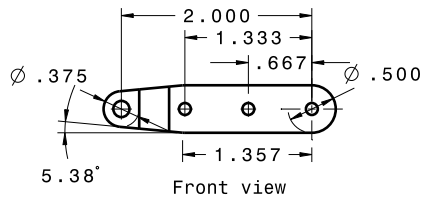


Section view D-D

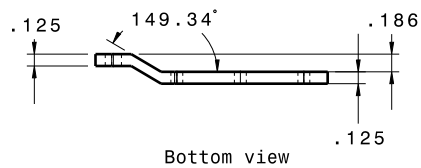
2X Actuator Arm



Isometric view



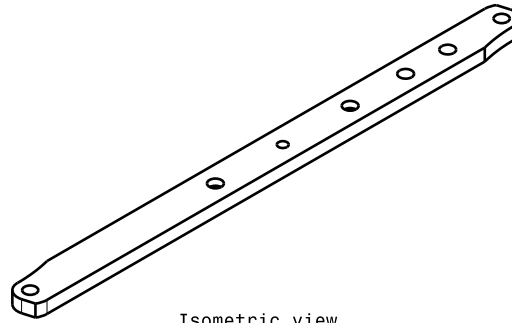
Front view



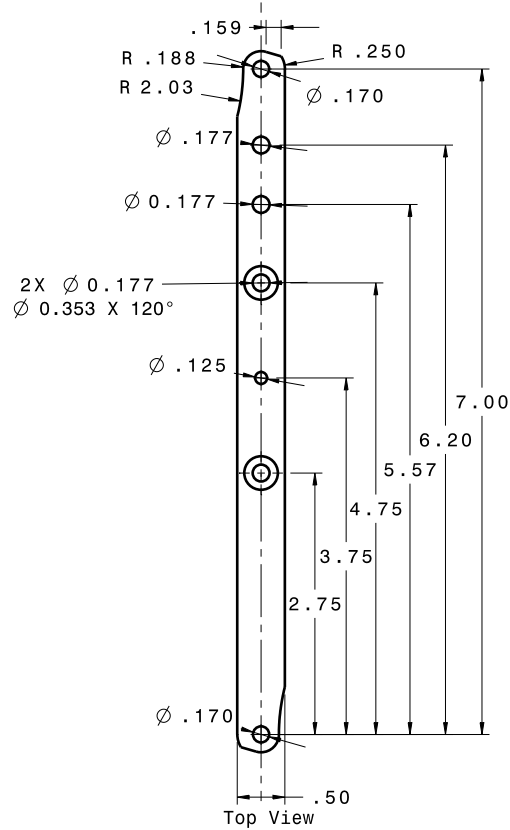
Bottom view

Materials:
Cam: Delrin
Actuator Arm: 6061 Aluminum
Base Plate: 6061 Aluminum
Link: 6061 Aluminum

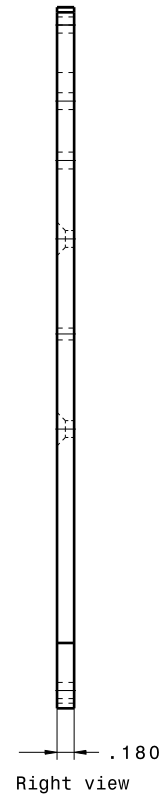
Base Plate



Isometric view

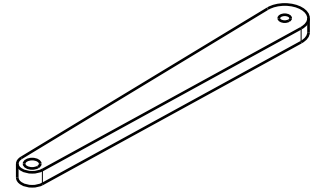


Top View

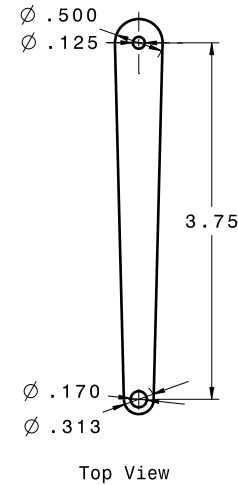


Right view

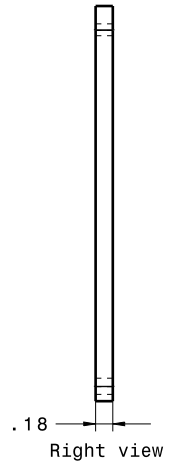
2X Link



Isometric view



Top View



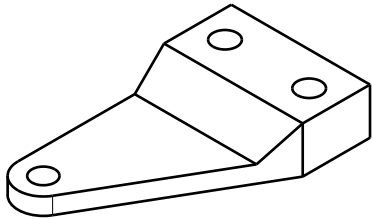
Right view

Digits	Tolerance		
X	±0.025		
.X	±0.015		
.XX	±0.010	Angles	
.XXX	±0.005	X°	±1°

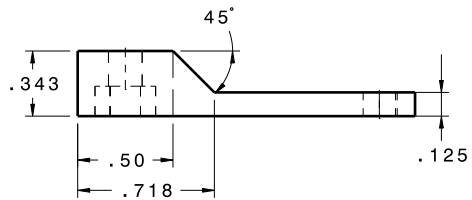
DESIGNED BY: Project Calypso			I	-
DATE: 10/18/2023			H	-
CHECKED BY: Tyler Phillips			G	-
DATE: 10/18/2023			F	-
SIZE: C		PDS Small Parts	E	-
SCALE: 1:1	WEIGHT (LBS): 0.18		D	-
DRAWING NUMBER: CALYPSO-01-0403			C	-
			B	-
			A	-
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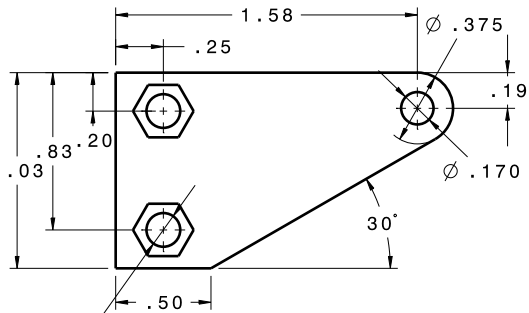
Actuator Mount Bottom



Isometric view



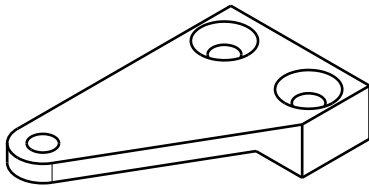
Right View



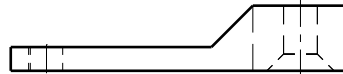
Bottom View

2x Hex Br 1/8" THK 1/8" ID 0.157" Deep

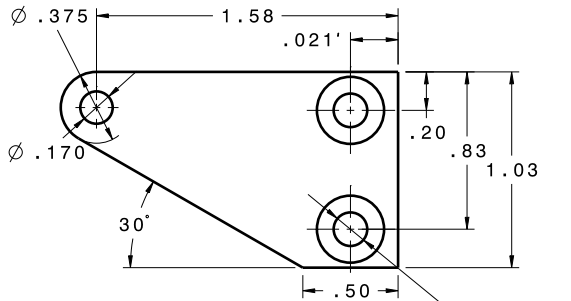
Actuator Mount Top



Isometric view



Right View

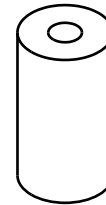


Top View

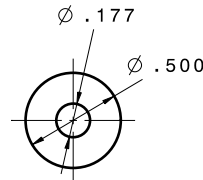
Materials:
Actuator Mounts: Aluminum 6061
Spacers: Delrin

Digits	Tolerance		
X	±0.025		
.X	±0.015		
.XX	±0.010	Angles	
.XXX	±0.005	X°	±1°

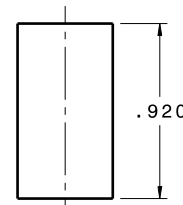
2X 0.92" Spacer



Isometric view



Top View

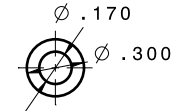


Right View

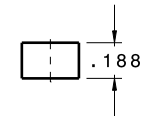
2X 0.1875" Spacer



Isometric view



Top View

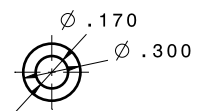


Right View

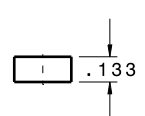
2X 0.13" Spacer




Isometric view



Top View



Right View

DESIGNED BY: Project Calypso		EMBRY-RIDDLE Aeronautical University	I	-	
DATE: 10/18/2023			H	-	
CHECKED BY: Tyler Phillips			G	-	
DATE: 10/18/2023			F	-	
SIZE: C			E	-	
			D	-	
PDS Small Parts		C	-		
SCALE: 1:1	WEIGHT (LBS): 0.08	DRAWING NUMBER: CALYPSO-01-0401	SHEET: 1/2	B	-
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