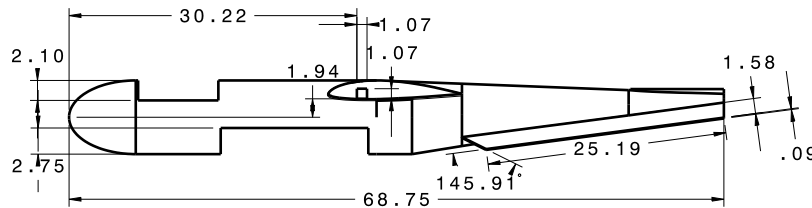




Front view  
Scale: 1:5

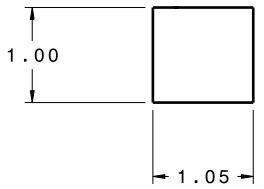


Digits	Tolerance		
X	±0.025		
.X	±0.015		
.XX	±0.010	Angles	
.XXX	±0.005	X°	±1°

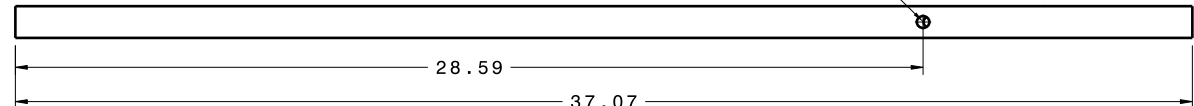
Composite Layups:  
Skin: [0F] 2x2 Twill CF  
Bulkheads: [0F/45F/0F/Core]s 2x2 Twill CF and 0.2" Nomex Honeycomb

DESIGNED BY: Project Calypso				I	-
DATE: 10/18/2023				H	-
CHECKED BY: Tyler Phillips		<b>Fuselage Shell</b>		G	-
DATE: 10/18/2023				F	-
SIZE: C		CALYPSO-01-0101		E	-
SCALE: 1:10	WEIGHT (kg): 3.12			D	-
		1/1		C	-
				B	-
				A	-

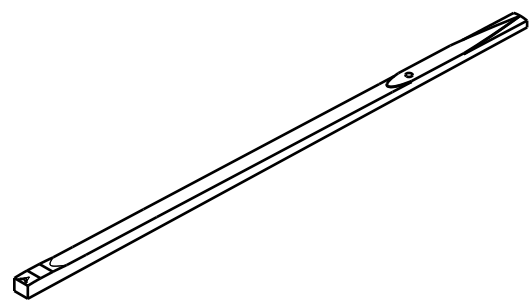
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Front view  
Scale: 1:1



Right view  
Scale: 1:3

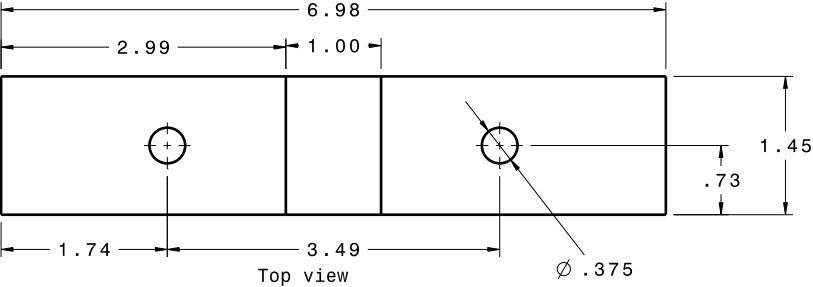


Isometric view  
Scale: 1:5

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

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

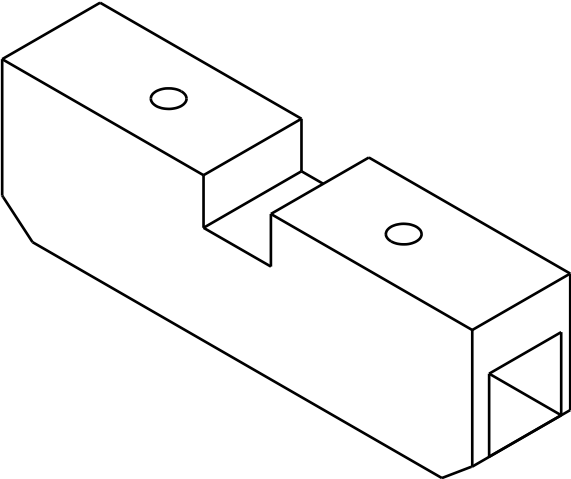
DESIGNED BY: Project Calypso		<b>EMBRY-RIDDLE</b> Aeronautical University		I	-
DATE: 10/18/2023				H	-
CHECKED BY: Tyler Phillips				G	-
DATE: 10/18/2023				F	-
SIZE C		Fuselage Shell		E	-
SCALE 1:5	WEIGHT (kg) 1.44			D	-
DRAWING NUMBER CALYPSO-01-0102		SHEET 1 / 1		C	-
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				A	-



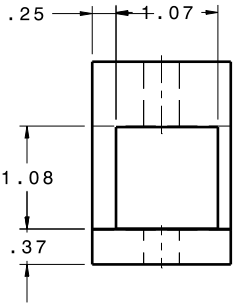
Top view



Front View




Isometric view

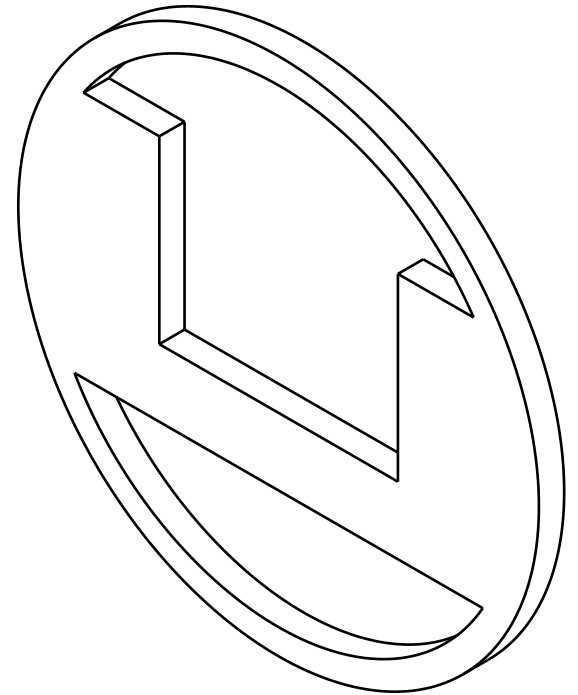
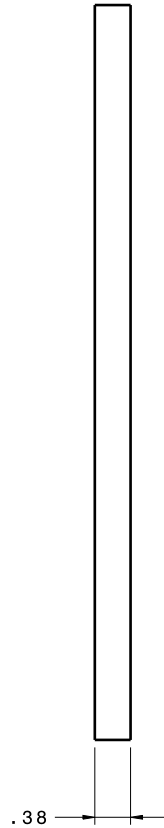
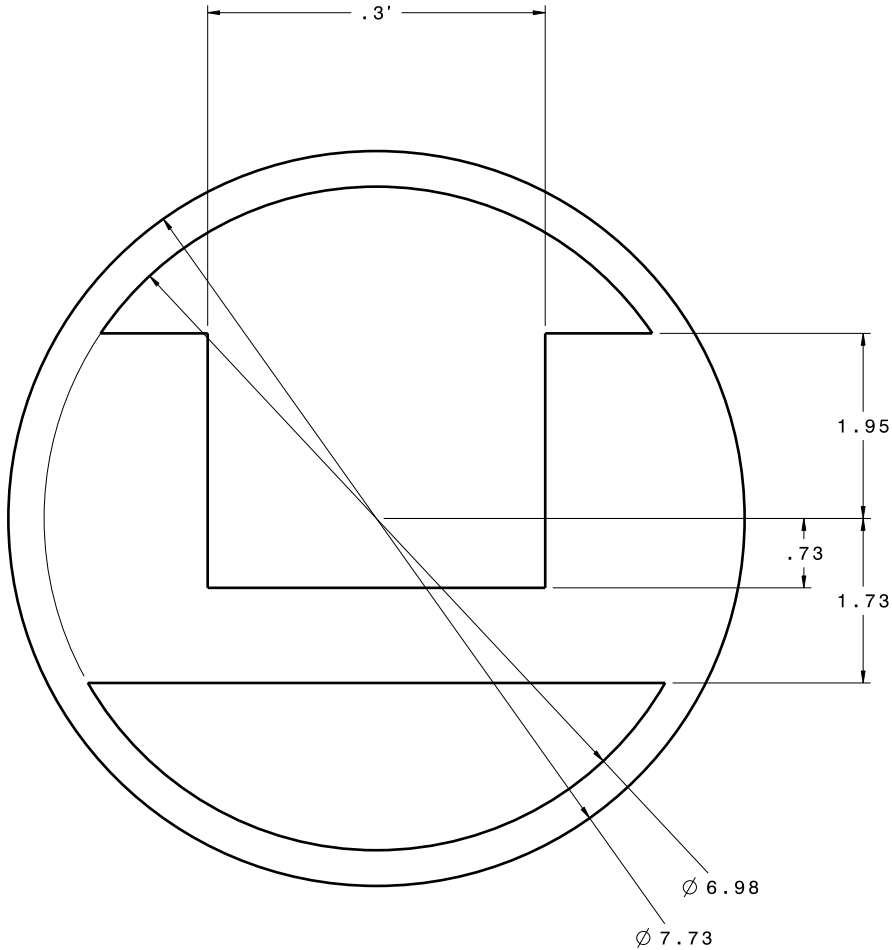


Right view

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

Aluminum 6061

DESIGNED BY: Project Calypso		<b>EMBRY-RIDDLE</b> Aeronautical University		I	-
DATE: 10/18/2023				H	-
CHECKED BY: Tyler Phillips		Wing Spar Box		G	-
DATE: 10/18/2023				F	-
SIZE C		CALYPSO-01-0103		E	-
SCALE 1:1	WEIGHT (kg) 1.19			D	-
DRAWING NUMBER 1:1		1 / 1		C	-
				B	-
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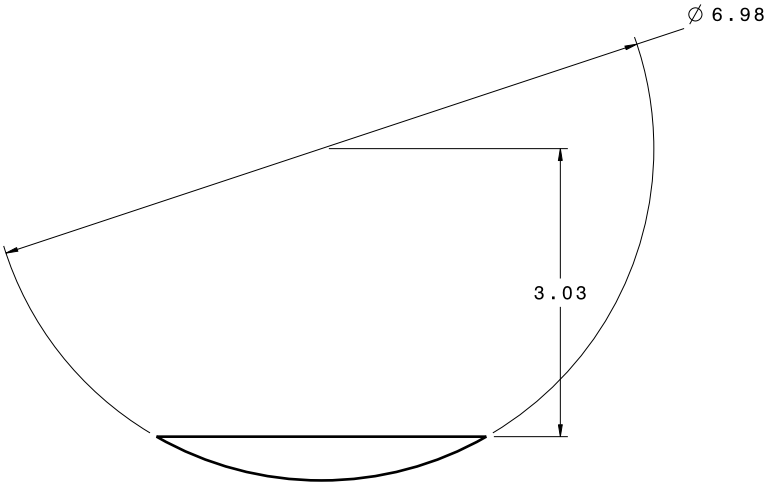
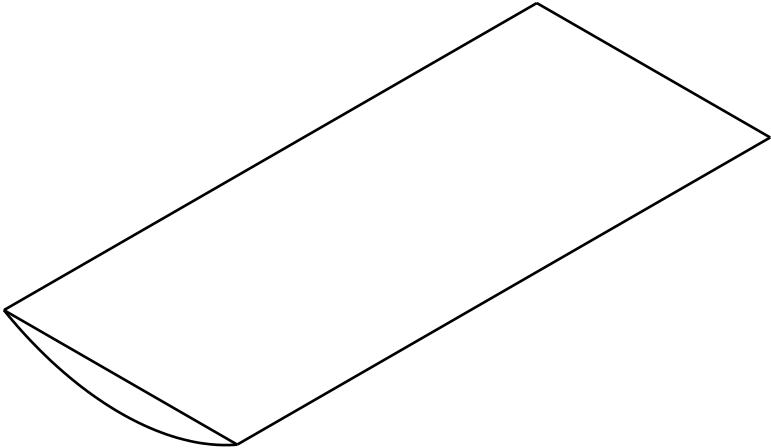
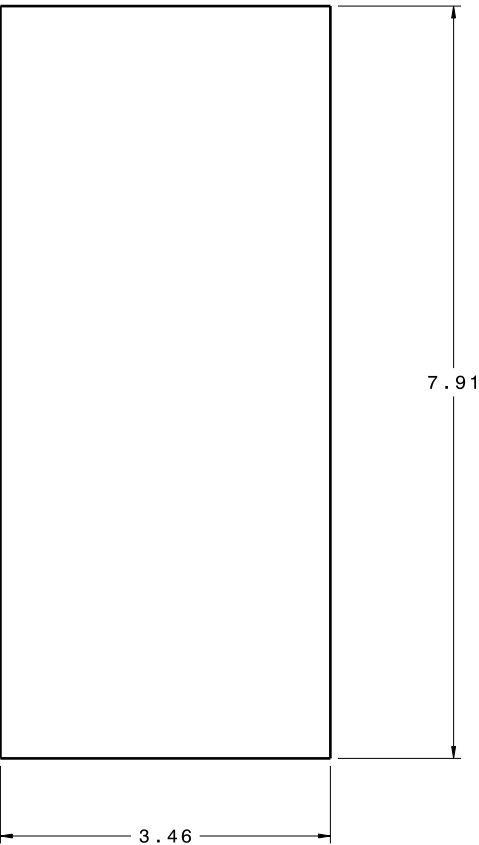
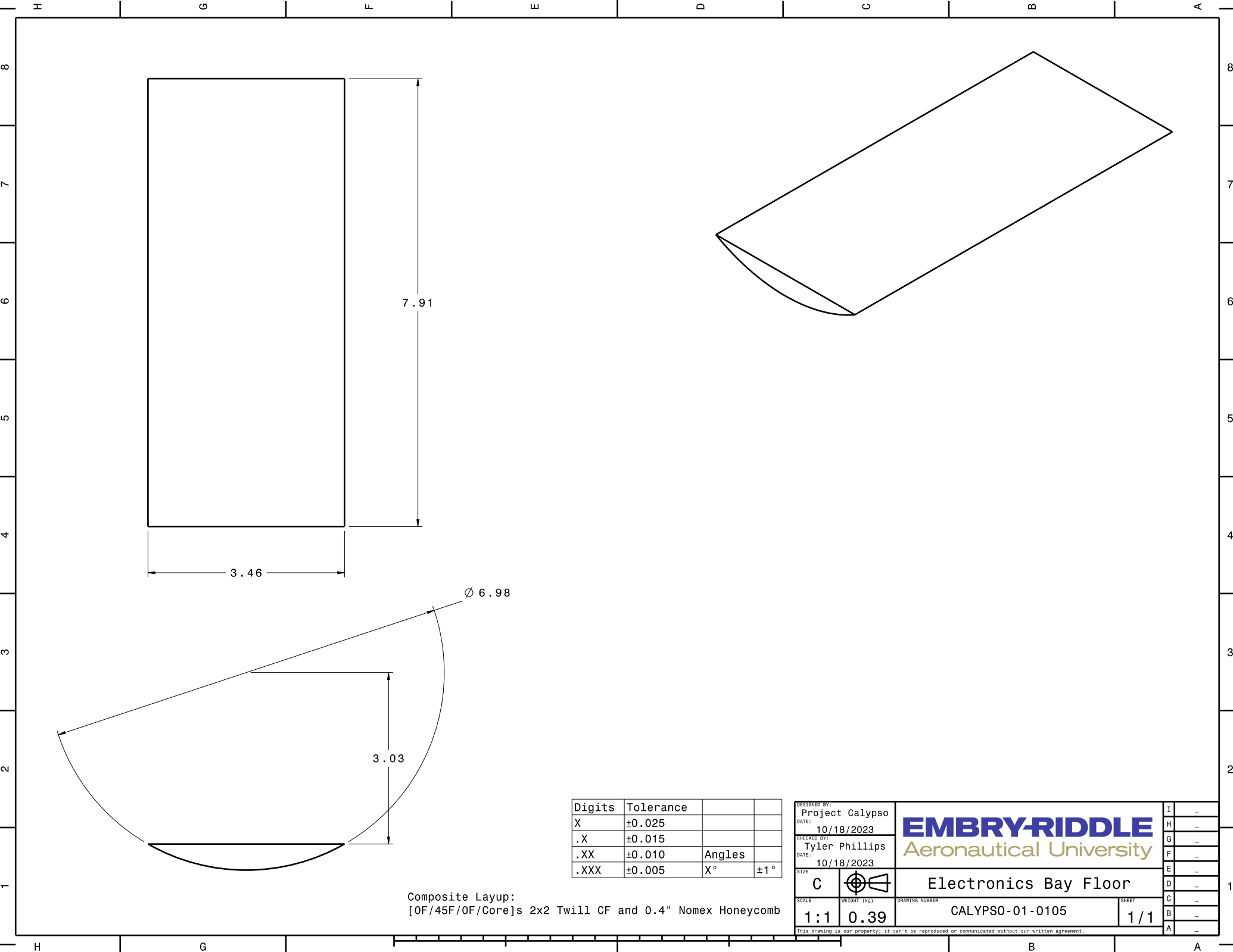


Isometric view

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

Composite Layup:  
[0F/45F/0F/Core]s 2x2 Twill CF and 0.2" Nomex Honeycomb

DESIGNED BY: Project Calypso		<b>EMBRY-RIDDLE</b> Aeronautical University	I	-
DATE: 10/18/2023			H	-
CHECKED BY: Tyler Phillips			G	-
DATE: 10/18/2023			F	-
SIZE C		Electronics Bay Bulkhead	E	-
SCALE 1:1	WEIGHT (kg) 0.51		D	-
DRAWING NUMBER CALYPSO-01-0104			C	-
			B	-
			A	-
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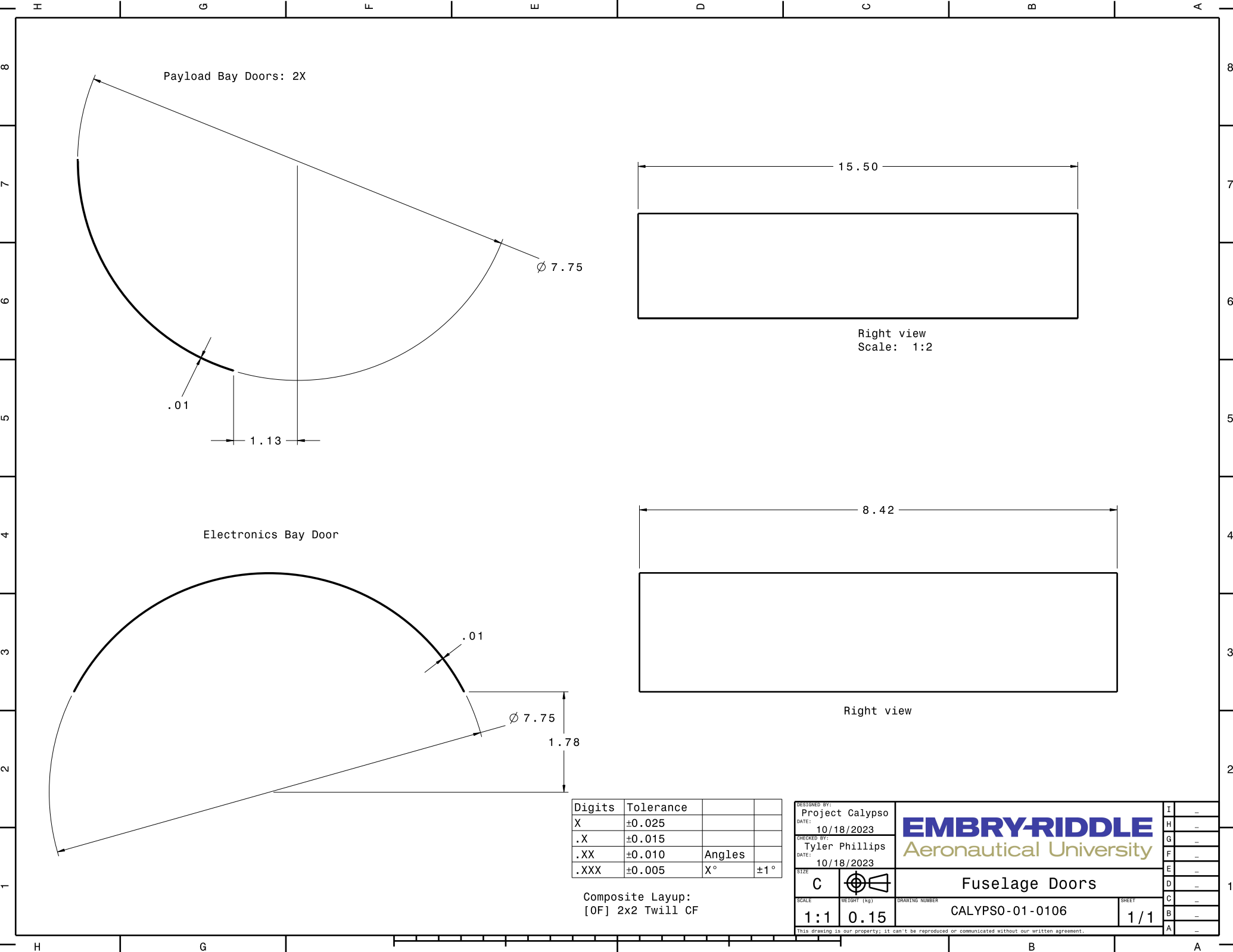


Digits	Tolerance		
X	±0.025		
.X	±0.015		
.XX	±0.010	Angles	
.XXX	±0.005	X°	±1°

Composite Layup:  
[0F/45F/0F/Core]s 2x2 Twill CF and 0.4" Nomex Honeycomb

DESIGNED BY: Project Calypso		<b>EMBRY-RIDDLE</b> Aeronautical University		I	-
DATE: 10/18/2023				H	-
CHECKED BY: Tyler Phillips		Electronics Bay Floor		G	-
DATE: 10/18/2023				F	-
SIZE C		CALYPSO-01-0105		E	-
SCALE 1:1	WEIGHT (kg) 0.39			D	-
				C	-
				B	-
				A	-

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Payload Bay Doors: 2X

Ø 7.75

.01

1.13

Electronics Bay Door

.01

Ø 7.75

1.78

15.50


Right view  
Scale: 1:2

8.42

Right view

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

Composite Layup:  
[OF] 2x2 Twill CF

DESIGNED BY: Project Calypso		<b>EMBRY-RIDDLE</b> Aeronautical University		I	-		
DATE: 10/18/2023				H	-		
CHECKED BY: Tyler Phillips				G	-		
DATE: 10/18/2023				F	-		
SIZE		Fuselage Doors		E	-		
C				D	-		
SCALE	WEIGHT (kg) 0.15	DRAWING NUMBER CALYPSO-01-0106	SHEET 1/1	C	-		
1:1				B	-		
						A	-
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Aeronautical University