

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	8/27/2019	
	B	UPDATED DIMENSIONING	9/12/2019	



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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES: ± 0.005
ANGULAR TOLERANCE: ±1°

MATERIAL
6061-T6
FINISH
SEE NOTES
WEIGHT
SEE NOTES
DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	CATIE SPIVEY	8/27/19
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

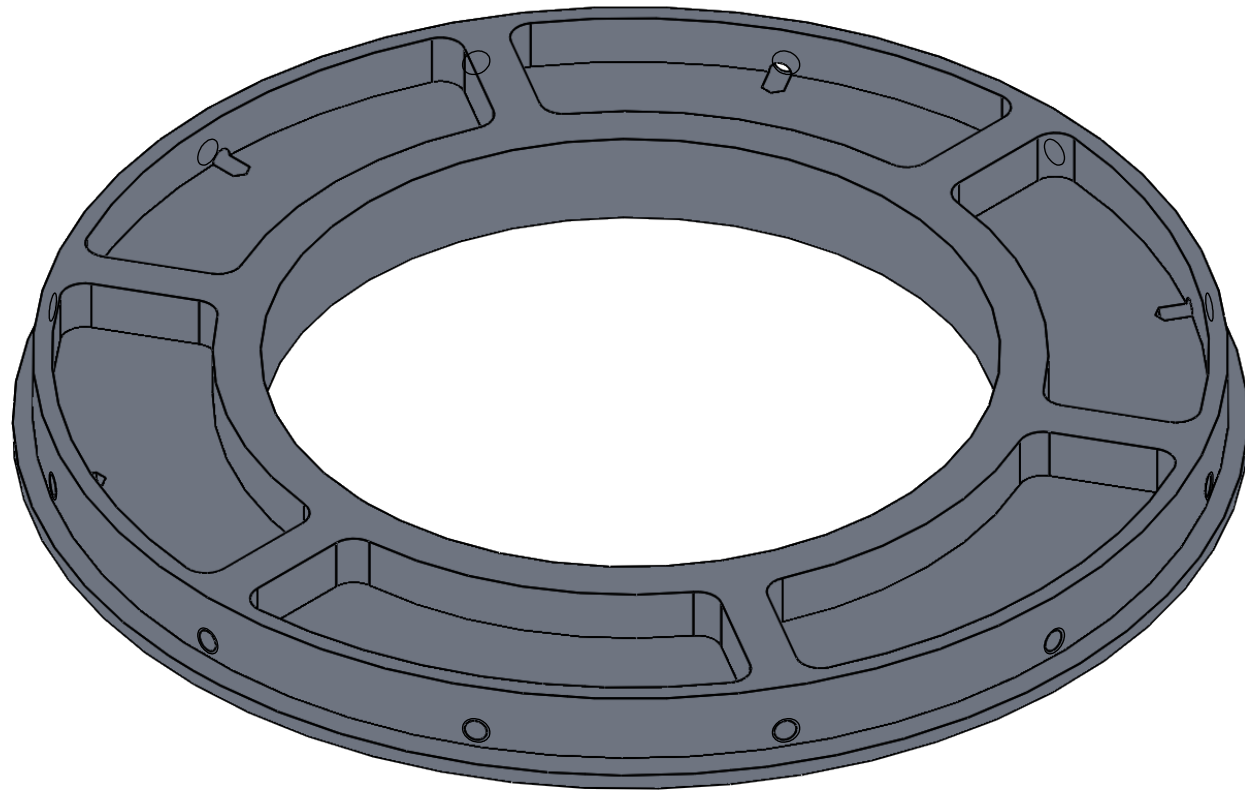
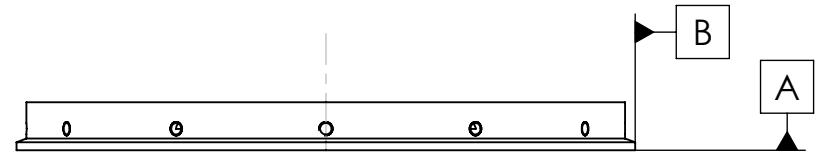
COMMENTS:
--

Description:
LV 3.1 THRUST FLANGE
DRAWING

DWG. NO.		
thrustFlange		
REV	SIZE	SCALE: 1:1
B	A	SHEET 1 OF 4

NOTES:

1. REFERENCE thrustFlange.STEP FOR MODEL
BASE DEF
2. MATERIAL: 6061-T6
3. FINISH: AS MACHINED
4. WEIGHT: AS MACHINED
5. BREAK ALL EDGES



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ANGULAR TOLERANCE: $\pm 1^\circ$

MATERIAL 6061-T6
FINISH SEE NOTES
WEIGHT SEE NOTES
DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	CATIE SPIVEY	8/27/19
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

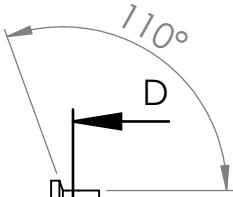
COMMENTS:
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Description:
LV 3.1 THRUST FLANGE
DRAWING

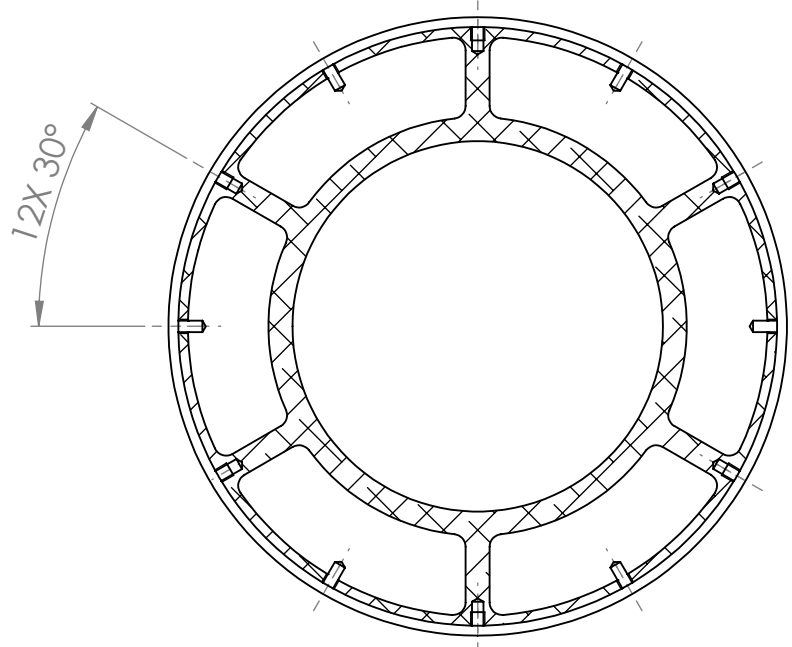
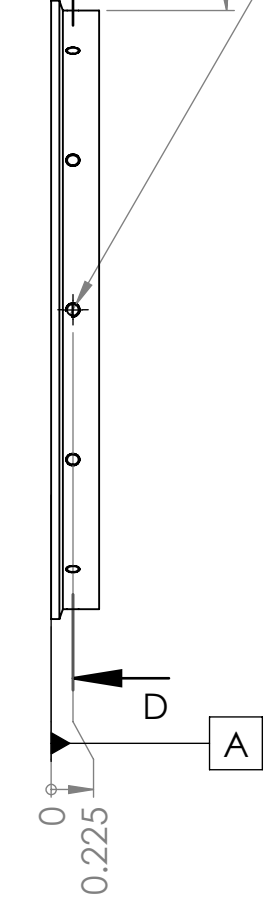
DWG. NO. thrustFlange

REV	SIZE	SCALE: 1:1
B	A	SHEET 2 OF 4

6 5 4 3 2 1



12 x ϕ 0.120 ∇ 0.250
TAP FOR #4-40 HELICOIL Insert = 1.0 * Dia.



SECTION D-D



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ANGULAR TOLERANCE: \pm 1°

MATERIAL 6061-T6
FINISH SEE NOTES
WEIGHT SEE NOTES
DO NOT SCALE DRAWING

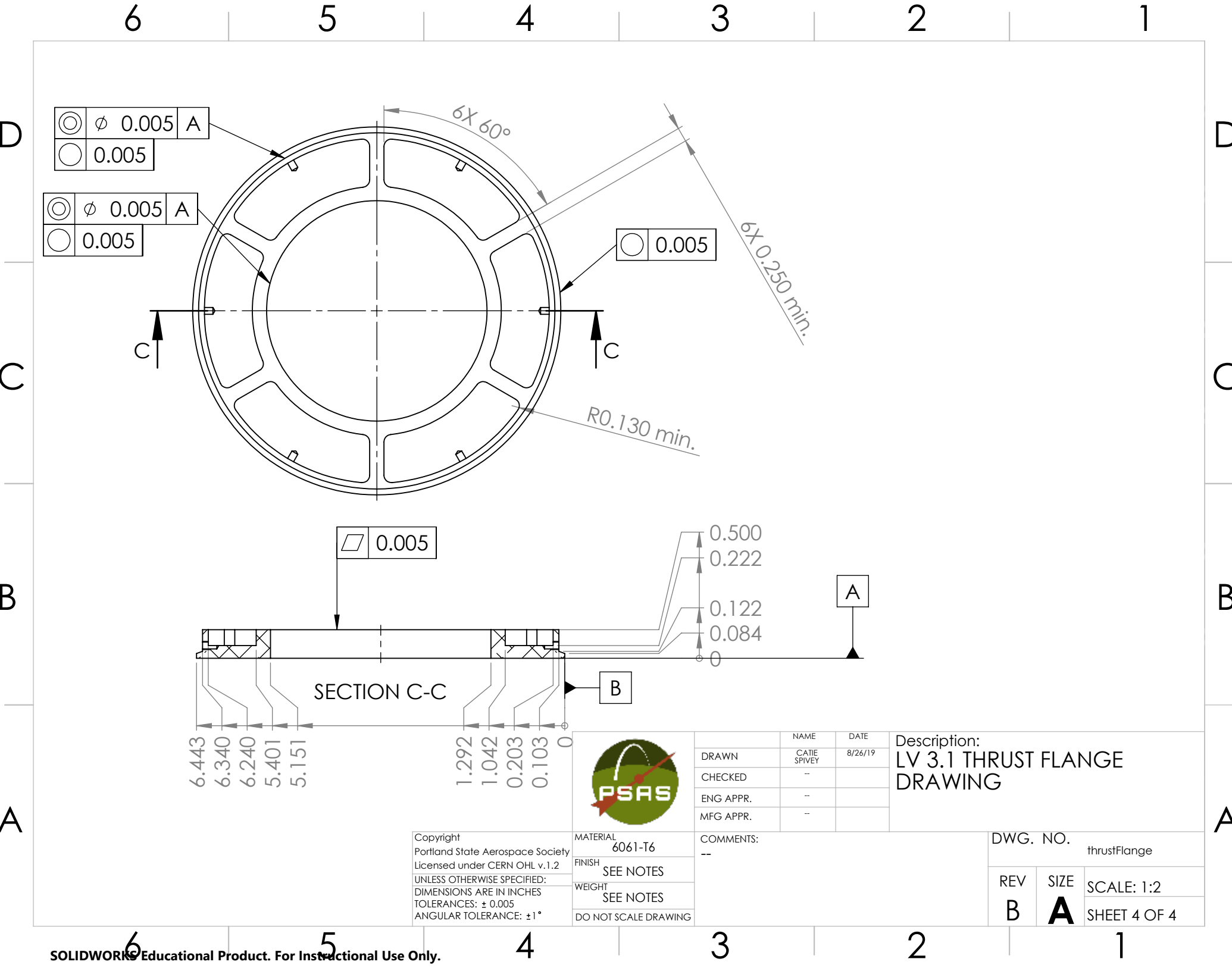
	NAME	DATE
DRAWN	CATIE SPIVEY	8/26/19
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

COMMENTS: --

Description:
LV 3.1 THRUST FLANGE
DRAWING

DWG. NO.		thrustFlange
REV	SIZE	SCALE: 1:2
B	A	SHEET 3 OF 4

6 5 4 3 2 1



$\text{Circled symbol with } \phi$ 0.005 A
 Circled symbol 0.005

$\text{Circled symbol with } \phi$ 0.005 A
 Circled symbol 0.005

Circled symbol 0.005

$\text{Square symbol with diagonal lines}$ 0.005

0.500
0.222
0.122
0.084
0

6.443
6.340
6.240
5.401
5.151

1.292
1.042
0.203
0.103
0

SECTION C-C



	NAME	DATE
DRAWN	CATIE SPIVEY	8/26/19
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

Description:
LV 3.1 THRUST FLANGE
DRAWING

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ANGULAR TOLERANCE: $\pm 1^\circ$

MATERIAL
6061-T6
FINISH
SEE NOTES
WEIGHT
SEE NOTES
DO NOT SCALE DRAWING

COMMENTS:
--

DWG. NO. thrustFlange

REV	SIZE	SCALE: 1:2
B	A	SHEET 4 OF 4