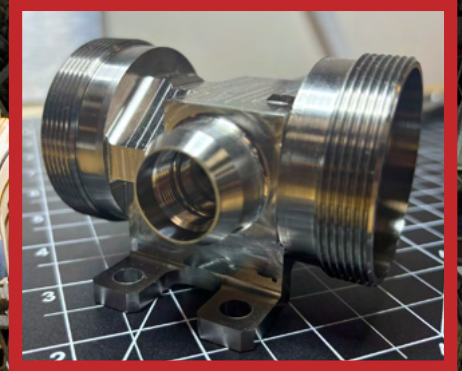
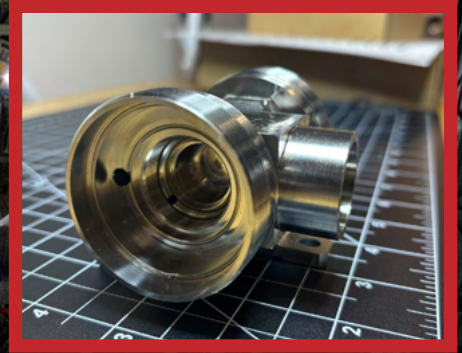


**AVALON MFG IS AN AUTOMATION-FIRST  
PRECISION MACHINE SHOP BASED IN  
LOS ANGELES, CALIF. ENGINEERED TO DELIVER  
HIGHLY COMPLEX AEROSPACE & DEFENSE  
HARDWARE THROUGH ADVANCED ROBOTIC  
INTEGRATION.**

**A PRIME EXAMPLE OF OUR 5-AXIS MILLING  
CAPABILITY IS THIS ARTEMIS II PRESSURE  
REGULATOR, DESTINED FOR THE ORION  
SPACECRAFT (SLS).**

**MADE FROM 15-5PH STAINLESS STEEL,  
THE COMPONENT NEEDED PRECISION  
MULTI-SIDED MACHINING ACCURACY TO MANAGE  
30+ INTERDEPENDENT FEATURES, INCLUDING  
CROSS-DRILLED INTERNAL PORT, INTERNAL  
AND EXTERNAL CLASS 3 THREADS AND 11  
CRITICAL BORES HELD TO +/- 0.0005" OR  
TIGHTER. IT WAS MADE ON A TRAK VMC12SI  
OUTFITTED WITH A TRUNNION AND A SIEMENS  
SINUMERIK ONE CONTROL.**

**MATT SAND, PRESIDENT & CEO  
AVALON**



**AVALONMFG**

**NTMA**

*We Made That*®