



# PRECISION CLEANING

AEROSPACE | MILITARY & DEFENSE



Astro Pak has cleaned hardware and components for almost every cleanliness critical industry and application since 1959. Some of the world's most prestigious institutions including JPL, Lawrence Livermore National Laboratory, MIT, and Cal-Tech have sought guidance and consultation from our subject matter experts. Our Cleanroom Services locations maintain AS9100 certified Quality Management Systems and feature ISO 14644-1 certified Class 5, 6, or 7 cleanrooms and labs of varying sizes and capabilities. Unique features include a 21,222 cubic ft Large Component Cleanroom whose 18ft ceilings and 2-ton overhead bridge crane allows us to accommodate large configuration hardware to be processed in a cleanroom environment. Additionally, our 15'x15' enclosed hose tower (70' vertical) enables the processing of stainless steel convoluted hoses up to 60' in length. We also house an extensive library of approved procedures and meet the requirements of hundreds of industry specifications including NASA, the Air Force, Department of Defense, and many private organizations.

## CAPABILITIES

- ▶ PRECISION CLEANING
- ▶ PASSIVATION
- ▶ OXYGEN CLEANING
- ▶ PACKAGING & ASSEMBLY
- ▶ HYDROSTATIC & PNEUMATIC TESTING
- ▶ CLEANLINESS VERIFICATION TESTING

## COMPONENTS PROCESSED

- ▶ VALVES, FLANGES, GASKETS
- ▶ GAUGES, TRANSDUCERS, SENSORS
- ▶ HOSES, FITTINGS, FASTENERS, FILTERS
- ▶ TUBING, PIPING, MANIFOLDS
- ▶ MISSILE & DEFENSE COMPONENTS
- ▶ 3D PRINTED HARDWARE
- ▶ TANKS & PRESSURE VESSELS
- ▶ TEST & LAUNCH GROUND SUPPORT EQUIPMENT (GSE)



**HIGHLY TRAINED  
PERSONNEL**



**ADVANCED CHEMISTRY &  
PROCESS TECHNOLOGY**



**RAPID  
RESPONSE**



**STATE OF THE ART  
FACILITIES & EQUIPMENT**



**SUPERIOR  
DOCUMENTATION**