

# PRECISION CLEANING

SPACE | AIRCRAFT | MILITARY & DEFENSE



Leveraging almost 60 years of experience in precision cleaning, Astro Pak has cleaned hardware and components for almost every cleanliness critical industry and application. 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 25,000 sq. ft. precision cleaning facility is the largest and most advanced of its kind, housing state of the art ISO 9001/AS9100 Certified Class 5 & 6 (FED STD Class 100 & 1,000) cleanrooms of varying sizes and capabilities. One such feature is our 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. We 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
- ▶ PNEUMATIC & HYDROSTATIC TESTING
- ▶ CLEANLINESS VERIFICATION TESTING
- ▶ HELIUM LEAK TESTING
- ▶ RESIDUAL GAS ANALYSIS

## 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**