

THE HIGHEST QUALITY TESTING FOR SPACE EXPLORATION

Together, Element and NTS are the global leader in end-to-end solutions for space with testing services for satellites, rockets and spacecraft for civil, commercial and military unexace of mind with our robust program management and

PROOF OF CONCEPT

DIGITAL ENGINEERING

MATERIALS TESTING & SELECTION



seamless communication and support plans

- Test results with unmatched levels of accuracy and qality
- Direct access to top engineering experts for technical guidance
- Built-in redundancies in capacity that de-risk your development cycle, resulting in a more resilient supply chain
- Unmatched qality performance with the most expansive breadth of capabilities and unparalleled capacity and experts to accelerate your mission into space
- State-of-the-art testing from engines to propellant bottles, fasteners to B printed materials and composites, panels to spacecraft structure
- Product qalications in all environments
- · Simulation of pre-launch, launch, and space environments
- Expertise in R&D, material allowables, material selection, and ongoing production support
- Lower cost, faster development cycles possible with digital modeling services that validate designs before production
- Large scale testing and custom programs, saving you both time and money
- Condence that testing plans t your specic needs, reducing the risk of costly delays and retests

O, E <, IE

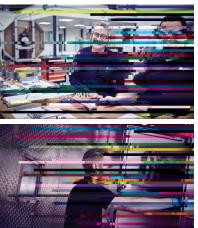
S PPOS A E ES S AGE

G. F. 7

PPO ING CAPABILI, IES











SPACE AND SATELLITE TESTING

1 - - - / / 11 / •

DELIVERING INNOVATIVE PRODUCT TESTING AND CERTIFICATION SOLUTIONS





SAN BERNARDINO

FLUID FLOW: HYDROGEN — 7 LBS/SEC (GH2), 700 GPM (LH2); OXYGEN — 3.2 LBS/SEC (GOX), 5000 GPM (LOX); NITROGEN — 60 LBS/SEC (GN2), 5000 GPM (LN2)

, i.e., γ_{i+1} , γ_{i+1}





	A	()

 \mathbf{q}_{1} \mathbf{q}_{2} \mathbf{q}_{3} \mathbf{q}_{4} \mathbf{q}_{3} \mathbf{q}_{4} \mathbf{q}_{4}

L , C - , C

ANAHEIM

DELIVERING INNOVATIVE PRODUCT TESTING AND CERTIFICATION SOLUTIONS



