TEMPLE COLLEGE
WORKFORCE DEVELOPMENT

BLUE ORIGIN

BUILDING THE AEROSPACE WORKFORCE OF CENTRAL TEXAS

Customized Talent Development &
Strategic Workforce Solutions



INDUSTRY PARTNERSHIP

WORKFORCE INNOVATION

PIPELINE DEVELOPMENT

TALENT SOLUTIONS

COMMUNITY IMPACT

STRONGER TOGETHER.
READY FOR WHAT'S NEXT.

TEMPLE COLLEGE | WORKFORCE DEVELOPMENT

THE PIPELINE BEGINS EARLY



Community & Alumni Spotlights → BEST Robotics → Aerospace careers

COMMUNITY & ALUMNI
Four field builders recognized tonight

›

BEST ROBOTICS
Hands-on engineering and teamwork

›

HIGH SCHOOL PATHWAYS
Belton & Hutto engineering / CTE

›

TEMPLE COLLEGE
Robotics, electromechanical, manufacturing

›

AEROSPACE INDUSTRY
Skilled technicians and engineers

Our workforce strategy starts with inspiring the next generation—not just training today's workforce.

U.S. SPACE FORCE | WHY SPACE MATTERS

Established 2019 • ~9,400 active-duty Guardians • Protecting critical spac

DEC 20, 2019 | Sixth U.S. military branch

~9,400 active-duty Guardians (Space Force published figure)

ACADEMY | U.S. Air Force Academy, Colorado Springs

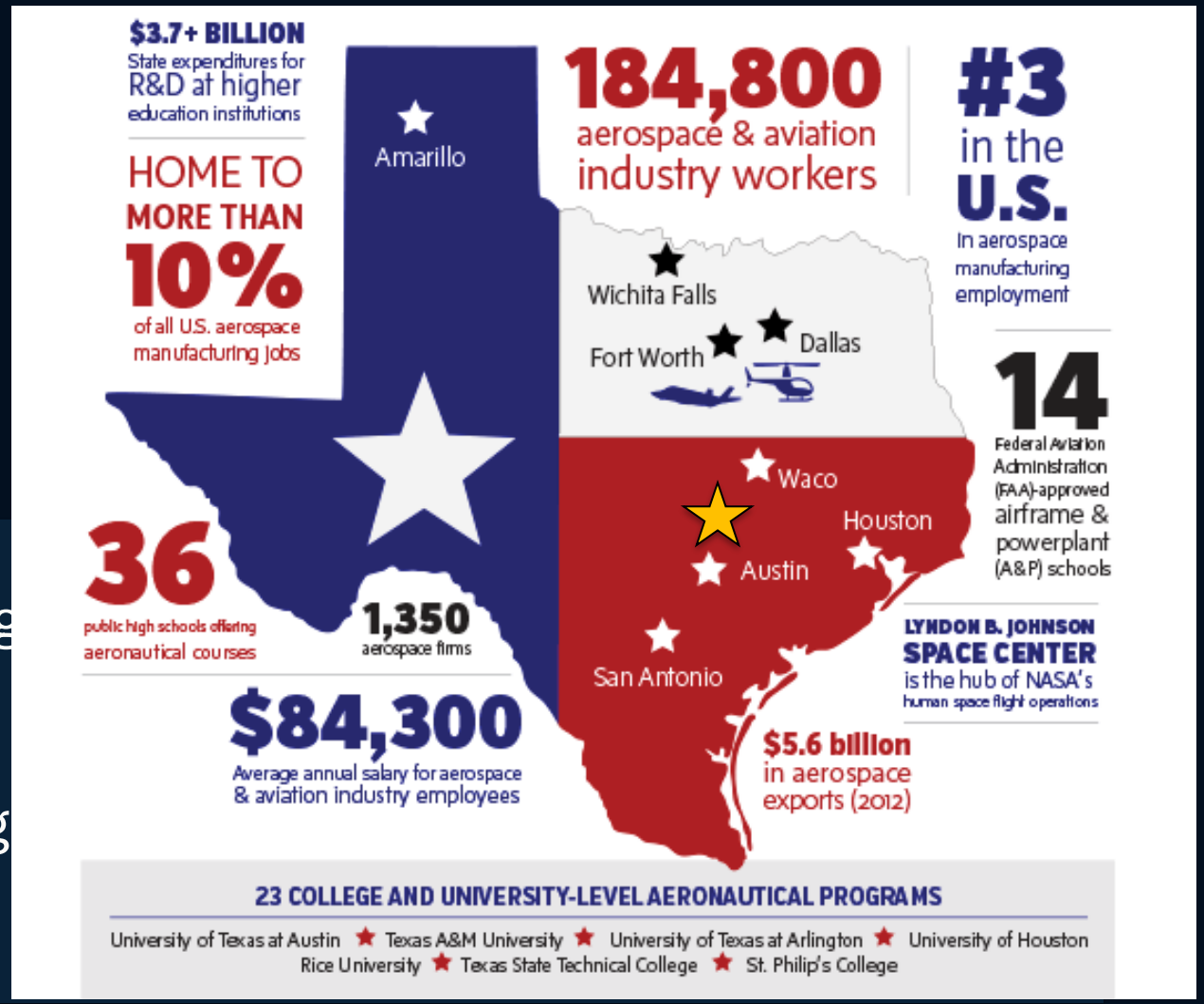
MISSION | Satellites, GPS, communications & space security



WHY TEXAS?

A statewide aerospace ecosystem

- Houston operations and manufacturing
- West Texas launch activity
- Central Texas advanced manufacturing



WHAT IS A SPACEPORT?

More than a rocket launchpad

Houston Spaceport illustrates how aerospace businesses, testing, production, research and education can cluster in one ecosystem.

Houston operations and manufacturing

West Texas launch activity

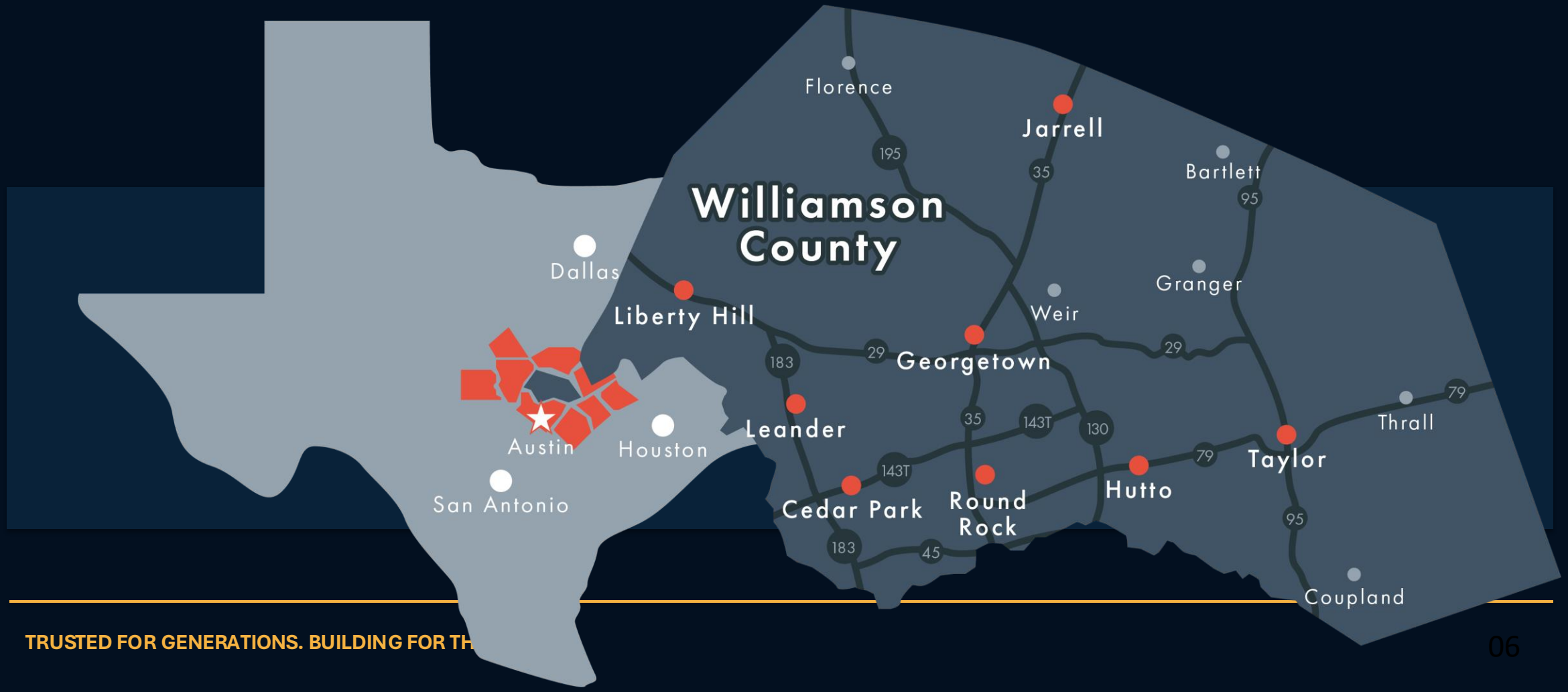
Central Texas advanced manufacturing



CENTRAL TEXAS SPACEPORT

An emerging concept—not yet a completed campus

Proposed regional aerospace / defense innovation infrastructure



BLUE ORIGIN CHOOSES HUTTO

Aerospace manufacturing becomes local

Constellation Park • announced October 2026 • satellite and communications manufacturing • more than 2,000 projected jobs
1.3 million sq ft facility

$18.17 million state grant

$554.8M in Capital Investment



OUR INDUSTRY ENGAGEMENT

Relationships preceded the announcement

FIREFLY: hosted at Temple College | SPACEX: repeated discussions, site visit, spring delegation planned | BLUE ORIGIN: met before site selection

Blue Origin Hutto

Satellite & Communications Production: Serves as a central production hub for TeraWave (its enterprise and government satellite network), Quartz (global ground communications), solar arrays, avionics, and satellite hardware

TEMPLE COLLEGE | WORKFORCE DEVELOPMENT

TWO COMPLEMENTARY PATHWAYS

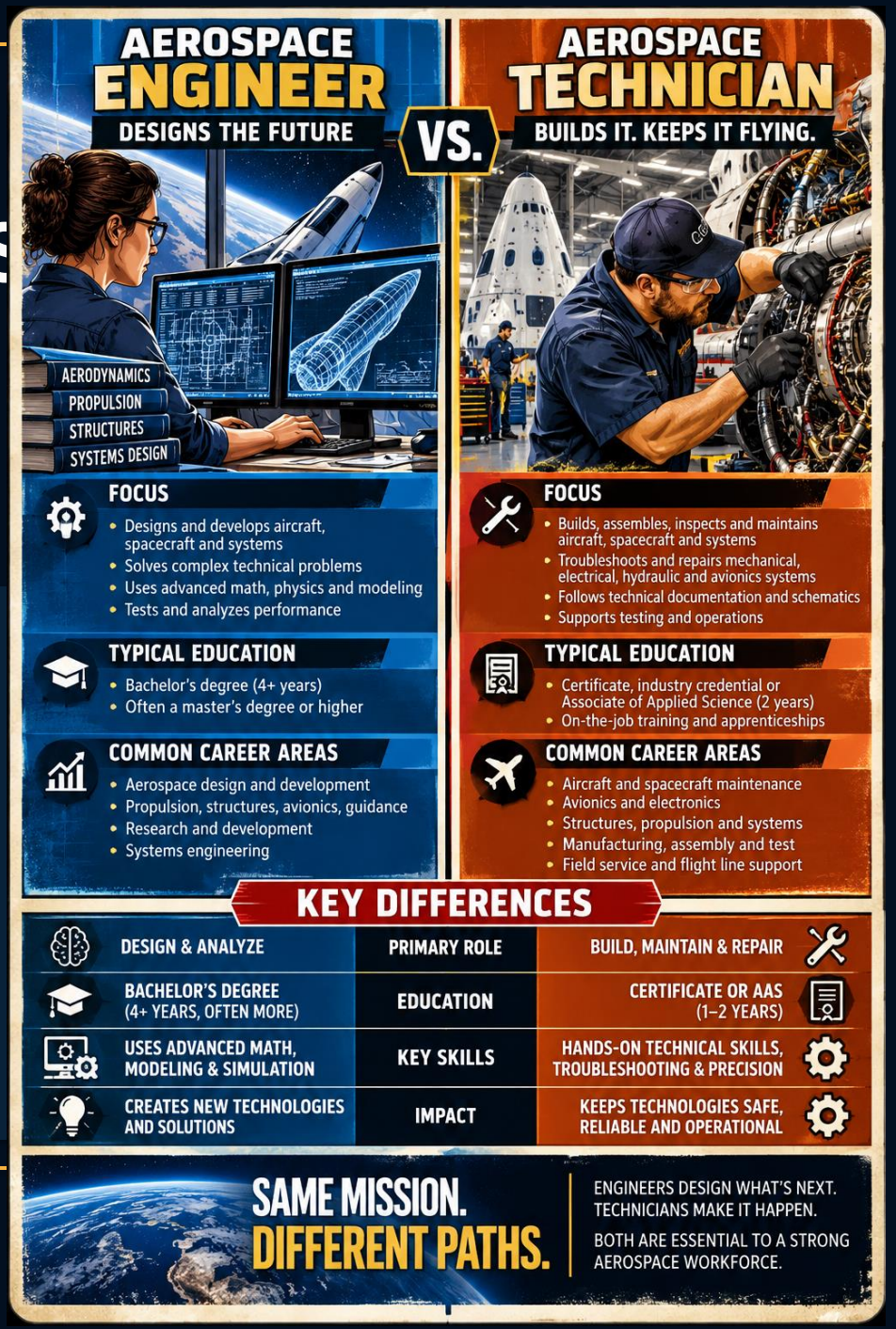
Engineering + specialized technical careers

ENGINEERING: high school → university → design / analysis |

3 applicants for every job

TECHNICIAN: CTE / college → certificates / apprenticeships → build / integrate / test

< 1 applicant for every job



TRUSTED FOR GENERATIONS. BUILDING FOR THE FUTURE.

THE TECHNICIAN SKILL STACK



Existing Temple College capabilities translate

Electromechanical systems • integrated robotics • automated manufacturing • electrical diagnostics • precision fabrication • specialty welding • semiconductors • construction • electrical diagnostics • control systems & sensors • additive and subtractive manufacturing

THE TIME CENTER

Texas Integrated Manufacturing & Engineering Center at Temple College

Innovating Tomorrow's Workforce

REGIONAL PATHWAYS & SWIFT

Connect high school, college and industry

Belton ISD aerospace pathway • SWIFT industry-informed capstones • high school-to-college technician progression • Automation & Robotics

HUTTO: EQUIPMENT ARRIVING TODAY

Technical training is being put in place now

TODAY: new equipment delivered to Hutto ISD | Engineering • electromechanical • integrated robotics • automated manufacturing

Engineering Technology on the planned 2027 TBI Hutto program list | Employer-aligned credentials and technical pathways

