Critical Mission Solutions

Commercial Space-Session Three

BofA Securities STAARS Virtual Summit

March 23, 2021



Jacobs

Challenging today.
Reinventing tomorrow.

Jacobs: Delivering Innovative Solutions & Disciplined Execution

Q1 Fiscal 2021

U.S./Int'l Mix	Talent Base	Reimbursable and Lower Risk Fixed Price Services	Public Sector
73%/27%	~55,000	94%	73%

- Transformed culture that inspires through a common purpose and core values
- Strategy combines global scale, deep expertise and enhanced brand awareness
- Positioned to profitably capture higher value thematic growth opportunities
- Investing and allocating capital to maximize long-term value for shareholders







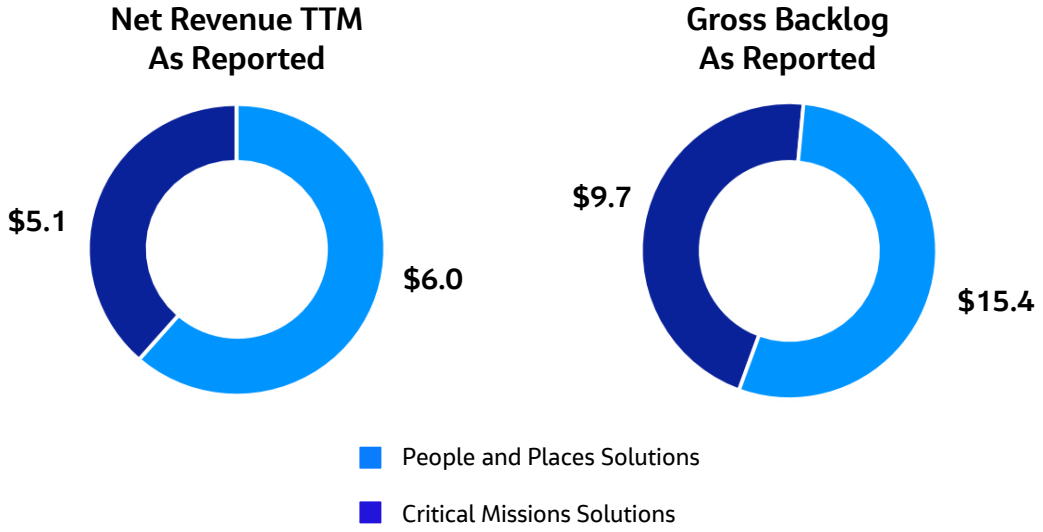






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- People & Places Solutions
- Critical Mission Solutions
- PA Consulting



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Critical Mission Solutions

Demonstrated resilient base and strong pipeline of innovative solutions

- Multi-year enterprise contracts provide long-term stability
- High-value solutions and efficient cost structure driving margin expansion
- Next 18-month new business pipeline remains strong >$30 billion
- Acquisition of The Buffalo Group adds additional pipeline opportunities

Strategy aligned to critical national priorities

- Expect FY21 revenue, operating profit growth and margin improvement
- Aligned to high priority areas in digital modernization, strategic data utilization, low-earth orbit satellites, hypersonics and cyber

Recent customer wins

- Navy Kings Bay Intelligent Asset Management win clears protest
- Hypersonic test cell design-build services for the US Air Force
- 5G build-outs for AT&T and NYU Langone Hospital
- Successful launch of Mango One space radar payload
- UAV and satellite intelligence solutions for the US Air Force

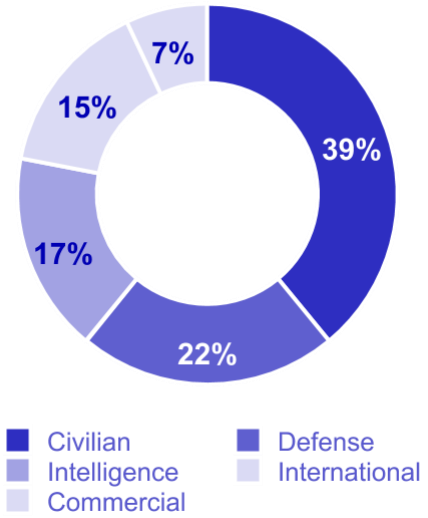
Critical Mission Solutions Snapshot

(TTM including Buffalo Group and Wood Nuclear)

U.S. / International	85% / 15%
Government	~88%
Reimbursable and Lower Risk Fixed Price Services	~96%
Recurring	~95%
Talent Force	~18k

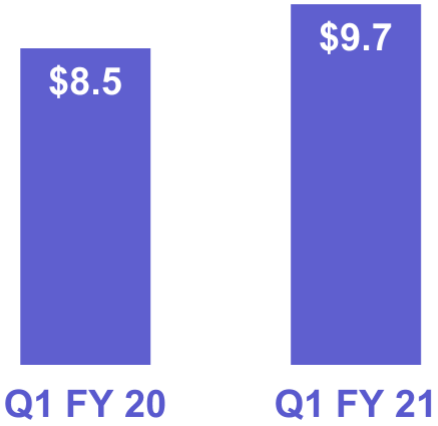
Revenue by Customer

(TTM)



Backlog As Reported

($ in Billions)



Jacobs Space Portfolio Overview



BY THE NUMBERS (FY21P)

$1.4+B
In FY21E revenue

6600+
employees

50+
spacecraft programs

20+
locations

SELECT CLIENTS

NASA · Missile Defense Agency · United States Space Command · North American Aerospace Defense Command · ULA United Launch Alliance · SpaceX

HIGHLIGHTS

- From idea to operation, we deliver know-how and value to every stage of the space system lifecycle for our civil, national security, and commercial space clients
- Largest services provider to NASA with over 5,000 employees supporting 8 of 10 centers
- Multi-faceted space initiatives:
  - Sustain NASA portfolio while expanding space ops and R&D
  - Continue to develop and deploy mission-tailored ISR solutions
  - Leverage proven past experience to capture share in the space domain

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Jacobs Supporting Commercial Space OEMs



United Launch Alliance

SPACEX

BLUE ORIGIN

- Support manufacturing process optimization
- System and sub-system prototype work
- Test facility studies and projects

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Jacobs Defense Space



KEY CABAILITIES & SERVICES

- Cybersecurity
- Engineering & Integration
- IT Modernization
- Intelligence Analytics
- Modeling & Simulation
- Program Management
- Satellite Payloads
- Software, DevSecOps
- Test & Evaluation
- Weapon Systems Sustainment

HIGHLIGHTS

- Leading provider of space solutions to the DOD and IC for emerging threats like hypersonic weapons and cyber attacks
- Support MDA with IT modernization and enterprise communication support, and Ballistic Missile Defense System operations, engineering, and program support
- NORAD mission operations and other program support following successful recent phase-in of USAF NISSC-2 contract
- Strategic entre as A&D space payload provider of affordable, space-flight proven Active Electronically Scanned Arrays (AESA)
- Support DOD's joint all-domain intel initiative (JADC2) utilizing satellite connectivity in LEO/NEO adding more capacity for intel analysis
- Provide intelligence support services including offensive and defensive space operations, warning and assessment of adversarial space-based capabilities, and space situational awareness

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Jacobs is a Leading Solutions Provider to NASA



KEY CABAILITIES & SERVICES

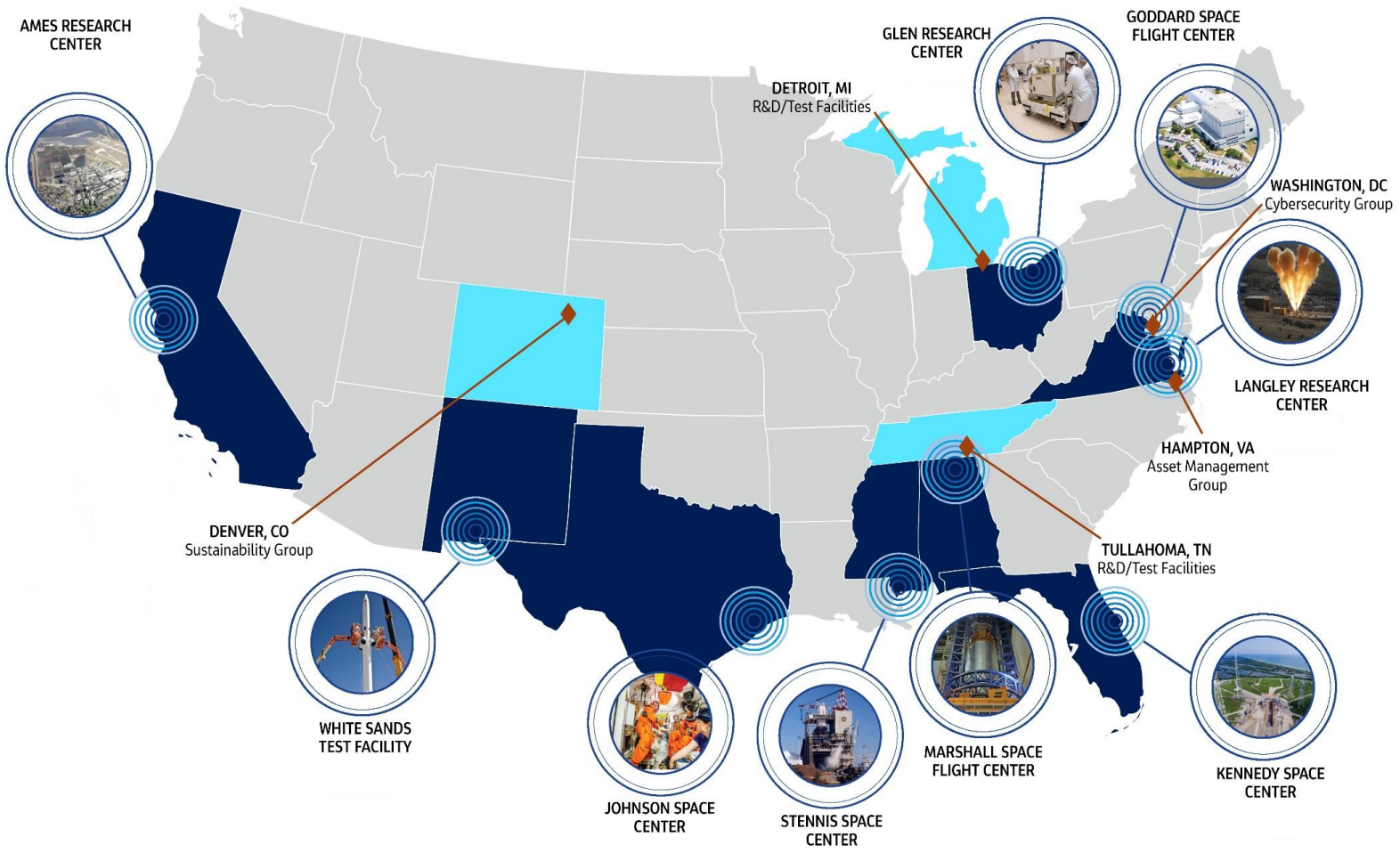
- IT Modernization
- Launch Support
- Modeling & Simulation
- On-Orbit Operations
- Program Management
- R&D, Sciences
- R&D/Test Facility D/B/O/M
- Rocket Propulsion
- Software Engineering
- Systems Engineering/Development

HIGHLIGHTS

- Jacobs is a key partner with NASA providing innovative solutions for its missions that explore the limits of the universe
- Largest services provider to NASA with over 5,000 employees supporting 8 of 10 centers
- Comprehensive offering of services supporting NASA's Artemis mission to the Moon and beyond, including Exploration Ground Systems (EGS), the Orion spacecraft, Space Launch System (SLS), and the International Space Station (ISS)
- Jacobs was an integral support partner in last week's successful "Green Run" series hot fire test of the SLS rocket's core stage from Stennis SC, marking a critical milestone ahead of NASA's future lunar missions
- NASA's Mars Perseverance Rover gets boost from Jacobs across multiple programs, including building a calibration device on a rover instrument (SHERLOC) in search for signs of microbial life and collect rock and soil samples for return to Earth

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Jacobs Supports NASA Across its Space Facilities



EGS

Exploration Ground Systems based on Kennedy Space Center is the NASA program established to develop and operate all systems and facilities for processing and launching rockets and spacecraft

ISS

The International Space Station program, based at Johnson Space Center is a collaborative project between 5 space agencies that supports and operates a one-of-a-kind Low Earth Orbit (LEO) research lab

Orion

The Orion Spacecraft consists of a crew module and the European Service Module, both designed and developed to support Crewed Long Duration and Deep Space Exploration

SLS

The Space Launch System is our Nation's next super heavy-lift, expendable launch vehicle planned for human exploration of deep space. The SLS program is based at Marshall Space Flight Center

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Kennedy Space Center Conversion to Multi-User Spaceport

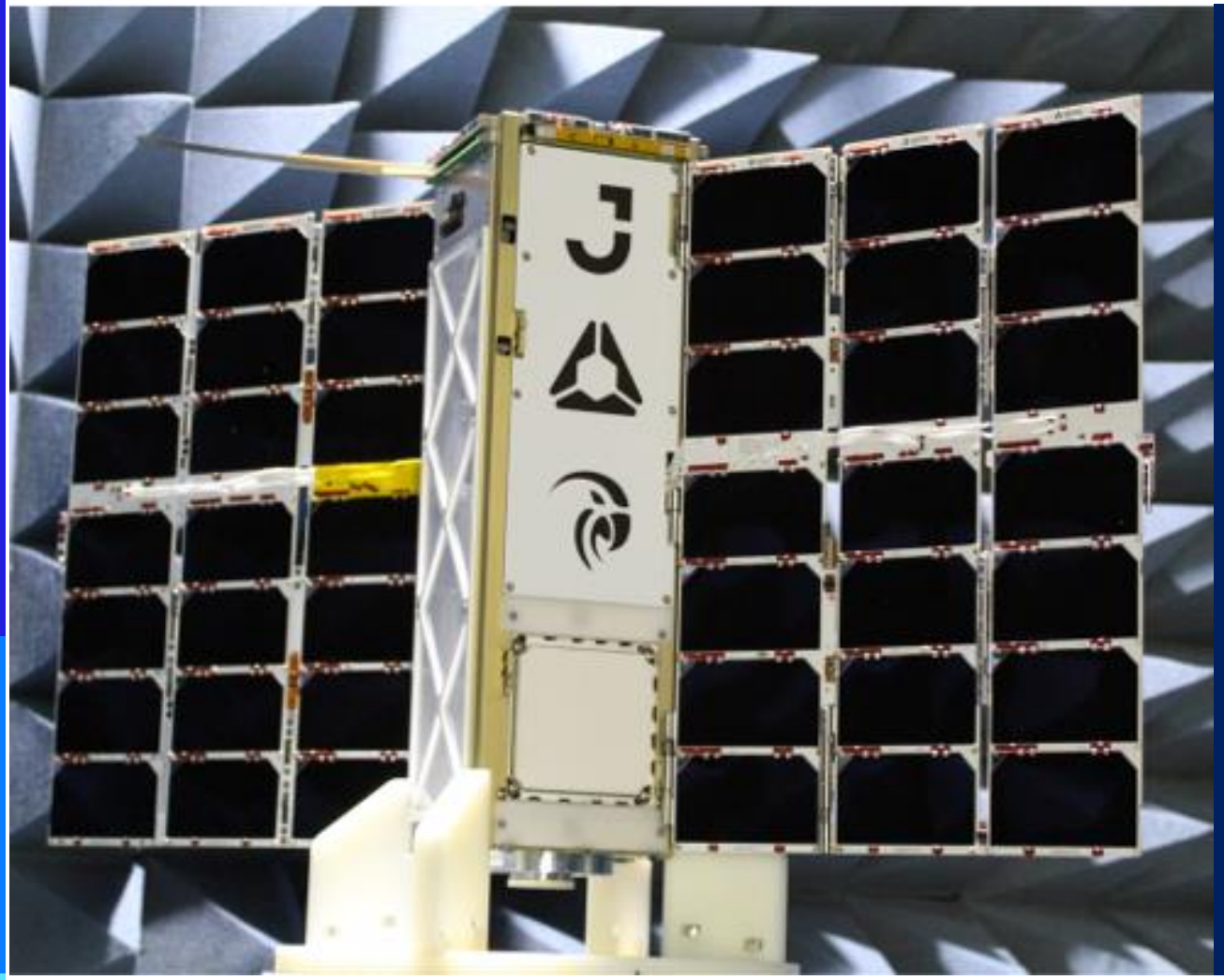


Jacobs operates the NASA KSC launch complex and Payload Processing Facilities for programs such as the SLS, ISS, EGS, Orion, and various commercial launch services programs.

- 2012 – P&PS develops Master Plan for converting KSC into a Multi-User Spaceport
- 2013 – Jacobs awarded Test Operations Support Contract
- 2013 – Day One of TOSC Jacobs successfully supported the SpaceX-2 commercial resupply launch and post-launch processing
- 2015 – Orb-3 Cygnus failure at Wallops created requirement for interim launch facility. Jacobs expedites launch processing at KSC supporting successful launch of Cygnus OA-4 within six months (nominal process is two years)
- 2016 – Won contract with commercial space OEM to develop, qualify, and fabricate Thermal Protection System tiles for a utility space vehicle using KSC facilities
- 2017 – KSC asks Jacobs to assume responsibility for the Spaceport Command & Control System (SCCS), a critical EGS infrastructure element required for the Artemis mission

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Jacobs Mango One



- Successful launch January 24 from Cape Canaveral, FL aboard the SpaceX Falcon 9 Transporter One mission
- Funded and developed by Jacobs to demonstrate and qualify radar, communications and intelligence capabilities in space.
- Major step in Jacobs strategic entre as an aerospace and defense prime space payload hardware and software provider of affordable, commercial space based Active Electronically Scanned Arrays (AESAs)
- Mango One will advance several Jacobs developments to production readiness for DOD an IC clients

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