



Mississippi's Aerospace Industry

Mississippi wins \$1.2 billion in federal aerospace contract awards annually

From FY 2018 to FY 2020, Mississippi companies won an annual average of \$1.2 billion in new federal aerospace contract awards. Mississippi companies supply key aerospace procurement programs like the U.S. Army's Hunter UAV and NASA's Space Launch System. In fact, Mississippi's concentration of space propulsion system manufacturing jobs is more than double the national average (EMSI, 2021).

Mississippi supplies a robust pipeline of technical talent

Mississippi has over 18,000 students enrolled in STEM degree programs, including aerospace engineering, at its four-year universities. The Center of Higher Learning at NASA's John C. Stennis Space Center provides engineering education opportunities through multiple universities and disciplines – all tailored for professionals in the Stennis community. Mississippi's community colleges offer pioneering education and training programs in aviation maintenance, aviation technology, unmanned aerial and maritime systems, and maritime multi-craft technology. Pearl River Community College soon will host a 25,000-square-foot Aviation and Aerospace Workforce Academy, which will include an 18,000-square-foot hangar, to provide multifunctional space for workforce training and systems testing.

Mississippi is an international hub for aerospace innovation

Mississippi is home to world-class federal aerospace research, development, testing, and evaluation facilities, which anchor a robust private innovation ecosystem. John C. Stennis Space Center in Hancock County, NASA's largest rocket propulsion test facility, houses over 40 public and private organizations, employs 5,200 workers, and directly contributes more than \$650M to South Mississippi's economy. The Federal Aviation Administration's Center of Excellence for Unmanned Aircraft Systems at Mississippi State University leads an international research consortium studying unmanned aerial systems integration and safety.

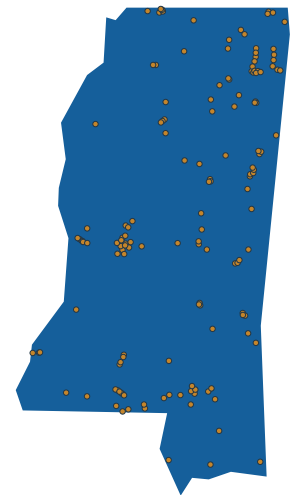
80
AEROSPACE SECTOR COMPANIES

2,940
AEROSPACE SECTOR JOBS

\$410 MILLION
ANNUAL AEROSPACE SECTOR GROSS REGIONAL PRODUCT

\$1.2 BILLION
ANNUAL FEDERAL AEROSPACE CONTRACT AWARDS

Mississippi aerospace sector companies

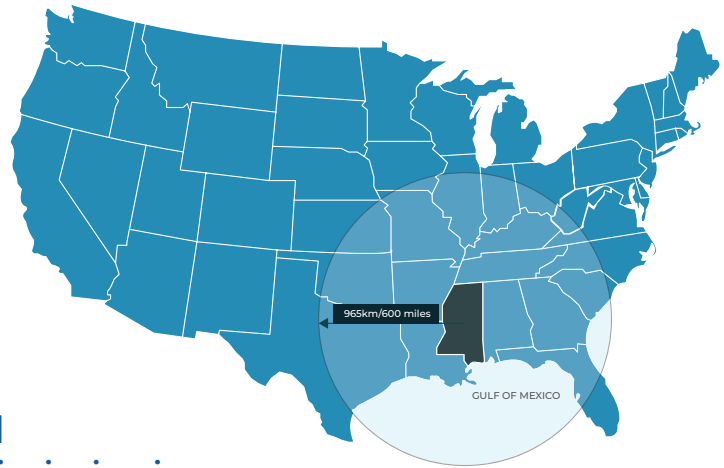


Notable Announced Aerospace Sector Locations and Expansions in Mississippi Since 2015

COMPANY	JOBS	CapEx
General Atomics	248	\$109.5M
Relativity Space	202	\$61.4M
Northrop Grumman	100	\$11.0M
Seemann Composites	77	\$6.7M
Adranos	45	\$1.9M
PG Technologies	-	\$100.0M
Raytheon	-	\$100.0M

Halfway to everywhere

Positioned at the heart of the Gulf Coast Aerospace Corridor, Mississippi is within a day of trucking to five major NASA complexes, more than 50 military aviation installations, and more than 100 million people in major population centers. The global logistics hub of Memphis, Tennessee, is conveniently located just across Mississippi's northern border, giving producers the agility to respond to business demand anywhere and anytime.



\$2.4 billion in transportation-related equipment freight flows through Mississippi

Transportation equipment products generate over \$2.4 billion of annual freight flow across Mississippi's transportation network. Overall, Mississippi handles \$322 billion and 457 million tons in freight flow annually. Mississippi offers producers multi-modal and inter-modal shipping options, including six U.S. interstates, 14 U.S. highways, 5 Class I railroads, and 15 ports (including two deep-water ports), which producers can use to move goods quickly to market.

More than \$125M in annual aerospace exports

From 2018-2020, Mississippi businesses exported an annual average of \$125 million in aerospace products. Civilian aircraft, aircraft engines, and related parts make up approximately 85 percent of these exports.

More than 20 steel mills

Aerospace producers can rely on Mississippi suppliers to fulfill their raw and intermediate materials needs. Mississippi has over 20 mills manufacturing crude steel and other metal alloys. Two of the three largest U.S. steel manufacturers (Nucor and Steel Dynamics) operate mills in Mississippi. Aerospace producers also can obtain customized advanced textiles, plastics, and synthetic rubber products from several Mississippi manufacturers. Mississippi also provides producers with abundant, cost-effective access to other natural resources commonly used in industrial processes, including extensive endowments of ground water, surface water, sand and gravel, and stone quarries available for industrial usage.

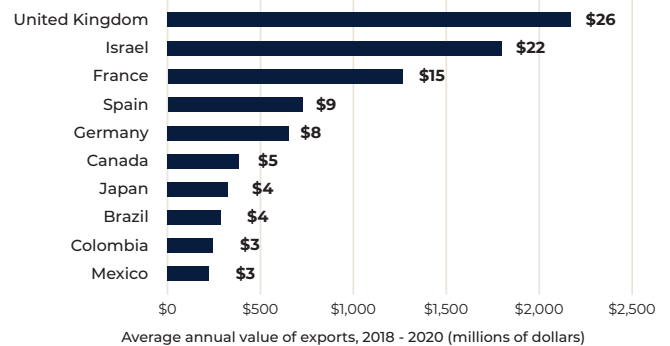
Leading Mississippi Aerospace Sector Companies (D&B Hoovers, 2021; MDA data)	
Corporate Parent	Employees (est.)
Raytheon Technologies	700 - 800
Vertex Aerospace	650 - 750
Eaton Aerospace	500 - 700
GE Aviation	250 - 350
Northrop Grumman	230 - 330
Airbus Helicopter	165 - 265
PG Technologies	150 - 250
Relativity Space	150 - 250
Aerojet Rocketdyne	125 - 225
Lockheed Martin	100 - 200

Mississippi's Jobs and Cross Regional Product in Aerospace Industries

Industry	Jobs (2021)	Gross Regional Product (2020)
Aviation support activities*	1,618	\$185M
Aircraft engine and engine parts manufacturing	513	\$85M
Other aircraft parts and auxiliary equipment manufacturing	260	\$37M
Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing*	242	\$46M
Aircraft manufacturing	228	\$49M
Other guided missile and space vehicle parts and auxiliary equipment manufacturing*	74	\$6M

*Mississippi ranks in the top 10 states on a GRP/job basis (50 jobs minimum). Source: EMSI, 2021

Top 10 Export Destinations for Aerospace Products & Parts (Census Bureau, 2020)



The Mississippi Development Authority works to recruit new business to the state and retain and expand existing Mississippi industry and business. To receive assistance, please contact us at: locateinms@mississippi.org or call 800-360-3323.

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