Company: Spirit Aeronautics, operating as a registered trade name of Spirit Avionics Ltd, is a veteran owned, small business founded in 2000 and based in Columbus, Ohio. The company is a highly credentialed, Federal Aviation Administration Certified Repair Station providing transport category aircraft maintenance and modification services. Our hangars are located at KCMH, an international airport. We support our clients nationally using field teams of highly skilled technicians and engineers to provide the best in aircraft modernization programs.

Spirit specializes in avionic systems modernization, aircraft maintenance services, interior refurbishment and airframe modifications. We provide all design & engineering services and meet airworthiness certification approval requirements through our in-house Quality Control department.

Program Management of major aircraft sustainment and modernization projects is a core competency with excellent past performance and experience. The company provides knowledge and skills for developing new equipment specifications to meet our client’s flight mission requirements for their aircraft.

Spirit provides world class technical support services teamed directly with our Original Equipment Manufacturers logistics and engineering support networks. As an authorized dealer for all major avionics manufacturers, we develop innovative airspace operations compliance solutions. We provide the expertise for air to ground connectivity utilizing the most current products installed by an independent, customer centric OEM approved service center.

We offer our technical and parts logistics services to business and commercial aircraft operators in corporate flight departments throughout the U.S. Serving as the Prime contractor and teamed as a sub-contractor to many large Primes, Spirit has long supported many special mission aircraft operators including the U.S. military, DoD flight operators contractors and various Federal agencies (i.e., NASA, FAA & DEA).

We operate in hangars providing large aircraft runway and ramp access. Our mobile operations provide scheduled and unscheduled onsite aircraft support services. We offer additional hangar operations locations in Ft. Worth, TX., Van Nuys, Ca. & Trenton, N.J. with our MRO teaming companies.

Our Engineers & Quality Managers are well-versed in FAA and DoD airworthiness certification approvals for projects involving aircraft alterations associated with airframe, avionics and cabin upgrades.

In addition, Spirit Aeronautics offers a broad list of other services including aircraft parts distribution & brokerage, kitting, wire harness manufacturing, parts logistics and aircraft acquisition consulting services.

Core Competencies:
- Aircraft Modernization Planning
- Avionic systems retrofit for “NexGen” operations
- Aircraft Interior & Cabin systems Refurbishment
- Airworthiness Certification Engineering & Test plans
- Air to Ground Connectivity
- Aircraft Maintenance Services
- Aircraft Heavy Structural Repairs
- Configuration Management
- Worldwide Aircraft Technical Support services
- OEM Aircraft Parts and Materials logistics Support
- Diminishing Manufacturing Sources and Material Shortages (DMSMS) mitigation
- Communication, Navigation, Surveillance / Air Traffic Management (CNS/ATM) compliance expertise
- COTS integration in military and special mission aircraft

Facility, Equipment Infrastructure:
- Hangar facilities at John Glenn Int’l. (KCMH), Ft. Worth, TX. (KAFW), Trenton, NJ (KTTN), Van Nuys, CA. (KVNY)
- FAA Certified Repair Station (FAR 145)
- NIST calibrated - FAA certified test equipment
- Dedicated shipping and receiving
- In house document library for technical manuals
- FAA Approved Quality, Drug Abuse Prevention Programs and approved aircraft parts inventory and logistics
- Highly trained & skilled FAA Certified technical staff
- Supplemental Type Certificates

Legal Name: Spirit Avionics, Ltd. dba Spirit Aeronautics
Business Structure: Ohio Limited Liability Corporation
SBA: Veteran Owned, Small Business
FAA: UOKR250X; FAA Certified Repair Station
EIN: 31-1699563
Duns: 868517769
SAMS: Complete & Current
Cage: 3BXU4

NAICS Codes:
488190 -Support Activities for Air Transportation
423610 –Electrical Apparatus, Wiring Supplies, & related Equipment
334511 –Search, Navigation Guidance, Aeronautical Instruments
334290 –Communication Equipment Mfg
336413 –Aircraft Parts and Auxiliary Equipment Mfg
336411 –Aircraft Manufacturing
SIC Codes:
3728 –Aircraft Parts & Auxiliary Equipment
7629 –Electrical and Electronic Repair Shops
7699 –Repair Shops and Related Services
Original Equipment Manufacturer Authorized Dealerships:

- ACSS
- AEM (Northern Airborne Technologies)
- Alto
- Artex
- Avalex
- Becker Avionics
- Bendix/King
- Bose
- Chelton
- CMC
- Cobham
- Comant
- Collins Aerospace
- Esterline
- Flight Display Systems
- Garmin
- Genesys Aerosystems
- Gogo
- Honeywell Aerospace
- L-3 Technologies
- Litef
- PS Engineering
- Rosen Aviation
- Sandel Avionics
- Thrane & Thrane
- Universal Avionics
- Wulfsburg