



REACHING NEW HEIGHTS

Aviation Group

GHAFARI

SPACE
TO
THRIVE

Globally recognized as aviation experts, Ghafari uses rigorous methodologies to streamline the industry's toughest projects.



Our experience in the aviation industry spans the entire spectrum of airport facilities, from passenger terminals and aircraft maintenance hangers, to cargo centers and mission-critical facilities. Our approach is rooted in a strong understanding of each facility—from the role it plays in our client's business to the way it fits within an existing airport environment.

Based on this understanding, we elevate efficiency in project delivery, saving time and costs while minimizing interruptions to normal operations. Throughout the process our integrated aviation group combines industry expertise with advanced methodologies to bring businesses goals, facility processes, and passenger needs into harmony.

MARKET SERVICES

CONSULTING

- 3D Building Information Modeling
- Airport and Site Master Planning
- Business Process Design and Evaluation
- Cost / Benefit Analysis
- Discrete Event Simulation
- High-Definition Laser Scanning
- Integrated and Lean Project Delivery
- Material Flow and Value Stream Mapping
- Material Handling Applications Design
- Sustainability
- Tactical Operations Planning
- Work Environment Design

ARCHITECTURE + ENGINEERING

- Architecture
- Civil Engineering
- Construction Administration
- Data and Telecom Engineering
- Electrical Engineering
- Facility Assessments
- Facility Planning and Programming
- Fire Protection Engineering
- Interior Design
- Mechanical and Plumbing Engineering
- Safety and Security Design
- Structural Engineering

CONSTRUCTION

- Construction Management
- Contract Documentation
- Cost Control
- Design-Build Management
- Owner's Representation
- Program Management
- Project Management

SYSTEMS + OPERATIONS

- Aircraft Maintenance Operations Planning
- Baggage Handling Systems
- Catering Operations Planning
- Cargo Handling Systems
- Flight Training Facility Planning
- High Speed Parcel Sortation
- In-Line Baggage Screening Systems
- Passenger Process Planning
- Ramp Operations Planning
- Security Systems

FACILITY TYPES

- Air Cargo Processing Centers
- Air Express Hubs
- Aircraft Maintenance Facilities
- Airport Rescue and Fire Fighting Facilities
- Airport Traffic Control Towers
- Catering Facilities
- Corporate Hangars
- Distribution Centers
- GSE + Airport Maintenance Facilities
- Mail Handling Facilities
- Passenger Terminals
- Terminal Radar Control Facilities
- Training Facilities + Simulators



COVER, TOP LEFT: Detroit Metro Airport North Terminal PREVIOUS PAGE: Detroit Metro Airport North Terminal TOP RIGHT: FedEx Memphis Aircraft Maintenance Base MIDDLE LEFT: Azul Brazilian Airlines MRO Center MIDDLE RIGHT, BOTTOM LEFT: Qatar Air Cargo Complex BOTTOM RIGHT: FedEx Express Asia Pacific Hub

REPRESENTATIVE CLIENTS

Abu Dhabi Airports Company
AeroMéxico
Alaska Airlines
American Airlines
AMMROC
Avianca
Azul Brazilian Airlines
Chicago Department of Aviation
Delta Air Lines
FedEx Express
Hamad International Airport
JetBlue Airways
Lufthansa
Oman Air
Qatar Airways
SAEI / Saudi Arabian Airlines
United Airlines
UPS Airlines
US Navy
Wayne County Airport Authority

OFFICE LOCATIONS

Birmingham, Alabama USA
Chicago, Illinois USA
Dearborn, Michigan USA
Detroit, Michigan USA
Greenville, South Carolina USA
Indianapolis, Indiana USA
Mexico City, Mexico
São Paulo, Brazil
Baroda, India
Abu Dhabi, UAE
Doha, Qatar
Jeddah, Saudi Arabia
Muscat, Oman

FOR MORE INFORMATION

Direct any questions to info@ghafari.com, and a regional representative will contact you to discuss how a Ghafari partnership can help your business thrive.