



 **AAR**®

# KNEEBOARD

MRO  
provider

Solutions  
integrator

Supply chain  
innovator

## Vision

Create value for customers through differentiated capabilities and offers, resulting in a sustainable, unique competitive advantage.

## Purpose

Empowering people to build innovative aerospace solutions today so you can safely reach your destination tomorrow.

## Mission

Go above and beyond to provide value-driven aerospace aftermarket solutions to meet the evolving needs of our customers worldwide.



**Doing  
It  
Right<sup>®</sup>**





Over 65 years as an independent, comprehensive, **end-to-end solutions integrator for the aviation market**

|                             |   |
|-----------------------------|---|
| Incorporated<br><b>1955</b> | Annual revenue<br><b>\$2.5B</b><br>(proforma) |
| NYSE<br><b>AIR</b>          | Team members<br><b>~6,000</b>                 |

## Certifications

|                  |                       |      |
|------------------|-----------------------|------|
| AS9100           | ISO 9001              | NIST |
| CMMC             | ITAR                  |      |
| FAA certificates | Military certificates |      |

Complete list of certifications can be found on pages 33-37

## A sample of AAR's customers

|  |   |   |
|--|---|---|
|  International Narcotics & Law Enforcement (INL) |  US Department of State (DOS)          |  Japan Ministry of Defense (MOD)             |
|  United States Air Force (USAF)                  |  United States Marine Corps (USMC)     |  Royal Netherlands Air Force (RNLAf)         |
|  United States Army (USA)                        |  United States Marshals Service (USMS) |  Royal Norwegian Air Force (RNoAF)           |
|  US Department of Energy (DOE)                   |  United States Navy (USN)              |  United Kingdom Ministry of Defence (UK MOD) |
|  US Department of Justice (DOJ)                  |  Colombian Air Force                   |   |



## 2022 Captains of Industry

AAR was awarded the first Captains of Industry contract by the U.S. Department of Defense's DLA focused on distribution of sustainment services.

# Global reach

Customers in over 100 countries

## North America

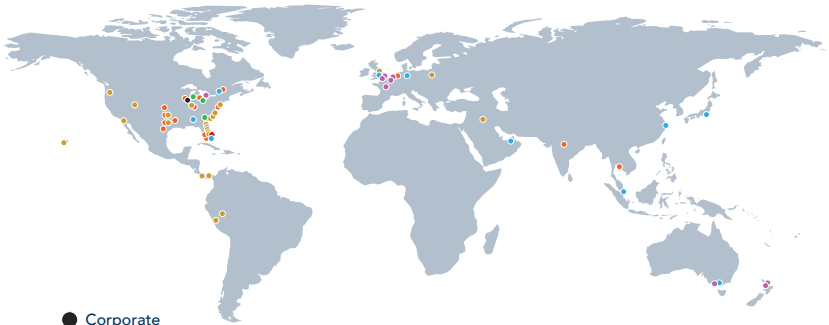
Headquarters and warehouse near Chicago's O'Hare International Airport; Airframe MRO network; Component Services network; Landing Gear Overhaul; Expeditionary Services

## United Kingdom

Parts Supply sales office in London's Heathrow Airport; Integrated Solutions – Commercial and Parts Supply team in Gatwick

## Europe

Component Services in Amsterdam; warehouse network includes Brussels and Hanover serving EMEA; sales office in Paris. F-16 Airframe MRO in Poland



- Corporate
- Parts Supply
- Repair & Engineering
- Integrated Solutions – Commercial
- Integrated Solutions – Government
- Mobility Systems
- Trax<sup>SM</sup>

## Central and South America

Integrate Solutions - Government customers in Latin and South America

## Middle East

Warehouse and sales office in Dubai serving EMEA; Integrated Solutions – Government

## Asia

Sales office in China; Regional sales office in Singapore; warehouse and engineering for interior modifications; Component Services in Thailand

## Australasia

Warehouse in Auckland; sales office in Melbourne



Over 60 AAR sites around the world





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**Military aircraft supported by AAR**

**OEM**

**Services**

**Boeing**

Boeing C-40 Clipper USN (737)



Depot Maintenance, Landing Gear Overhaul, Component Services, Wheels and Brakes, Program Management, Supply Chain Services, Calibration Services, Engineering Services, Flight Line Maintenance on the Aircraft, Aircraft Ground Support Equipment

Boeing E-3 AWACS (737)



Landing Gear Overhaul, Wheels and Brakes

Boeing P-8A Poseidon USN (737)



Depot Maintenance, Landing Gear Overhaul, Component Services, \*, Wheels and Brakes, Program Management, Limited Supply Chain Support

Boeing CH-47C / D / F Chinook, MH-47G Chinook



Component Services

Boeing CH-46 Sea Knight (USG & FMS)



Component Services

Boeing VC-25 (747)



Component Services, Landing Gear Overhaul, Wheels and Brakes, \*

Boeing KC-46



Component Services, Supply Chain Services, Engineering Services, Ground Support Equipment

Boeing KC-135 Stratotanker



Component Services





**Military aircraft supported by AAR**

| OEM | Services |
|-----|----------|
|-----|----------|

Boeing E-4B  


Component Services

Boeing C-17 Globemaster  


Component Services

Boeing RC-135  


Maintenance and repair of wheels and tires, maintenance and preparation of stored F-108 / CFM56 engine(s).

**CASA**


CASA  


Wheels and Brakes

**Lockheed Martin**

Lockheed Martin F-16 Block 15-Block 60  


Landing Gear Overhaul, Component Services, Wheels and Brakes, Program Management, Supply Chain, Depot Level Maintenance

Lockheed C-130 Hercules (many variants and end users worldwide)  


Landing Gear Overhaul, Component Services, Wheels and Brakes

Lockheed Martin P-3 USN  


Landing Gear Overhaul, Wheels and Brakes, Component Services

**Eurocopter**

Eurocopter HH-65A / B / C Dolphin (USCG)  


Component Services, Wheels and Brakes

**McDonnell Douglas**

McDonnell Douglas DC-10  


Landing Gear Overhaul, Wheels and Brakes, Component Services

McDonnell Douglas KC-10  



Landing Gear Overhaul, Wheels and Brakes, Component Services



## Military aircraft supported by AAR

| OEM  | Services   |
|--|--|
| McDonnell Douglas MD-11<br>                   | Landing Gear Overhaul, Wheels and Brakes, Component Services |
| McDonnell Douglas AV-8B Harrier II (USMC)<br> | Component Services   |
| McDonnell Douglas T45 / T-45C<br>             | Component Services   |

### Grumman

|   |   |
|---|---|
| S2-T (CAL Fire) and S-2 Firecat *Modified from Grumman S-2<br> | Landing Gear Overhaul, Component Services |
|---|---|

### Sikorsky

|   |  |
|---|--|
| Sikorsky UH-60 (many variants and end users worldwide)<br> | WASS Service Support (incl. operations and logistics full service support), Depot Maintenance, Landing Gear Overhaul, Component Services, Wheels and Brakes, Program Management, Supply Chain Services, Calibration Services, Engineering Services, Flight Line Maintenance on the Aircraft, Aircraft Ground Support Equipment |
|---|--|

## Commercial aircraft supported by AAR

| OEM               | Airframe type  |
|-------------------|--|
| Airbus            | A300, A310, A318, A319, A319-9A7, A320, A320-7A344, A320-81979, A321, A330, A340, A380 |
| ATR               | 42-300/501, 72-300/500   |
| BAE               | BAE 145/146  |
| Boeing            | 707, 717, 727, 737 [-Classic, -NG, -MAX], 747, 757, 767, 767-7A344, 777, 787           |
| Bombardier        | Bombardier/de Havilland Canada Dash 8 (DHC-8), CRJ100, CRJ200, CRJ700, CRJ900          |
| Candianair        | CL-215   |
| Dornier           | 328  |
| Embraer           | 120, 145, 170/175, 190/195, ERJ 135/140/145, Embraer Lineage 1000                      |
| Fokker            | 50, 70, 100  |
| McDonnell Douglas | DC9-9A73, MD-80, MD-80-7A344, MD-83, MD-87, MD-88, MD-90                               |



## Business overview



### Parts Supply

- Used Serviceable Material (USM)
- Distribution of factory-new parts
- Airframe and engine parts sale, exchange, loan, and lease
- Engine solutions, management, sales, leasing, and exchange
- Aircraft sales and leasing
- Online PAARTS<sup>SM</sup> Store



### Repair & Engineering

- Airframe MRO
- Component Services
- Landing Gear Overhaul
- Wheels and Brakes
- Engineering Services
- Development of proprietary Parts Manufacturer Approval (PMA) parts



### Integrated Solutions

- Government aircraft maintenance, logistics, and operations support programs (CLS, PBL, 3PL)
- Commercial flight-hour-based aircraft component support
- Consumable and Expendable parts
- Trax<sup>SM</sup> software solutions



### Expeditionary Services

**Mobility Systems:** Rapid deployment sustainment solutions for governments, militaries, and nonprofit organizations

- Specialized pallets
- Containers for customized air-mobile shipping and storage of equipment
- Mobile tactical shelter systems
- TSCIF solutions for mobile expandable shelters



## Largest independent USM supplier globally

AAR started as an aftermarket parts trading company over 65 years ago and today maintains one of the industry's largest and most complete inventories. Throughout our global warehouse network, we stock over 1 million items, including airframe, engine, and business jet parts from 250+ manufacturers.

### Key offerings

- Used serviceable engine and airframe parts supply
- Whole engine and aircraft sales and leasing
- Engine and aircraft management and exchange
- Focus platforms:
  - V2500-A5 (A320)
  - PW2000 (757)
  - Rolls-Royce RB211 (757)
  - PW4000 (747 / 767)
  - CF6-80 (widebody)
  - Boeing and Airbus
  - CFM56-5B / 7B (737NG / A320)

**AAR is the first aftermarket company to be awarded a Captains of Industry (COI) contract**

**352,000+**

government parts  
shipped / received  
(FY2024)

**23.7M+**

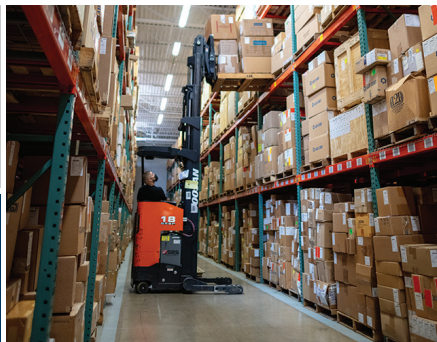
airframe and engine  
parts shipped (FY2024)

**1,000+**

customers  
(FY2024)

**100+**

countries receive  
our shipments  
(FY2024)





**AAR Electronics** specializes in small dimensional electromechanical components.

## Customers

- OEMs
- MROs
- Airlines
- Governments / militaries
- Sub-tier contractors
  - Contract manufacturers
  - Wire harness houses

## Differentiators

- Multi-year fixed pricing
- In-region stocking at SGP
- Kitting

## OEM partners



SPACECRAFT  
COMPONENTS CORP.  
ESTABLISHED 1964







## AAR serves as an extension of our OEM partners and Defense customers

### Defense customers

- Key supplier to Defense Logistics Agency (DLA)
- Long-term strategic relationship with DLA through Captains of Industry contract
- Direct parts supplier to foreign militaries



All major aircraft platforms



First aftermarket company awarded Captains of Industry contract

### OEM partners



Collins Aerospace



NORTHROP GRUMMAN



SEAL SCIENCE, INC.



WOODWARD



- Factory-new parts from 20+ OEMs
- Overhauled, serviceable, and repairable parts
- Immediate purchase and checkout
- B2B store with B2C online shopping experience
- Bulk quote and search available



View and  
buy now



Make  
an offer



Expedited  
end-to-end RFQ



Part  
documentation



Same-day  
shipping



Order status  
and history



24/7  
self-service



[shop.aarcorp.com](http://shop.aarcorp.com)





## Airframe MRO

Six hangars providing maintenance, repair, and overhaul (MRO) services

- "Heavy checks" performed every ~2 years
- Nose-to-tail lines of maintenance
- Support primarily narrow-body Airbus, Boeing, and Embraer regional aircraft
- Depot maintenance



## Component Services

Test, repair, overhaul, and perform scheduled maintenance on 45,900 rotatable components

- Auxiliary power units
- Avionics
- Electro-mechanical
- Fuel
- Gearboxes
- Hydraulics
- Instruments
- Interior components
- Nacelles
- Pneumatics
- Power generation
- Structures
- Electronic Bleed Air System (EBAS) components for B737 MAX



## Landing Gear Overhaul

Full-service landing gear maintenance provider with complete wheels and brakes capability

- Nearly every major commercial and government aircraft type
- Inspections, plating, machining, NDT, engineering, assembly, bushings



## Engineering

- Aircraft interior reconfigurations and modifications
  - Design and integration
  - Engineering and certification
- PMA parts development
  - Candidate identification leveraging part utilization data
  - Re-engineering of select parts



# Repair & Engineering: Facility overview



**3,300** employees



**13** sites



**Independent MRO**  
with facilities worldwide



**5.1M+**  
labor hours  
(FY2024)



**770+**  
aircraft per year  
(FY2024)



**960+**  
landing gear legs  
served per year  
(FY2024)



**1,600+**  
technicians  
(FY2024)



**30+**  
ATA Chapters  
(FY2024)



**45,900**  
components  
repaired  
(FY2024)

## Oklahoma City

- Regional and narrow body MRO
- 300,000 sq. ft.
- 85,000 sq. ft. expansion underway

## Indianapolis

- Narrow body MRO
- C40 and P-8A Depot maintenance
- 367,000 sq. ft.

## Miami

- Narrow body MRO
- 226,000 sq. ft.
- 114,000 sq. ft. expansion underway
- Landing Gear Overhaul
- 150,000 sq. ft.

## Rockford

- Narrow body MRO
- 200,000 sq. ft.

## Trois-Rivières

- Narrow body MRO
- 150,000 sq. ft.

## Windsor

- Narrow body and regional MRO
- 143,000 sq. ft.

## Nagpur

- JV with Indamer
- Narrow body MRO
- 175,000 sq. ft.

## Poland

- F-16 MRO
- 96,000 sq. ft. shared with WZL-2

## New York

- Commercial and military component repair services
- 150,000 sq. ft.

## Amsterdam

- Commercial and military component repair services
- 80,000 sq. ft.

## Wellington

- Commercial, regional, and military component repair services
- 92,437 sq. ft.

## San Antonio

- Component repair services for ground support equipment
- 30,000 sq. ft. shared with Boeing

## Grand Prairie

- Component repair services for engine accessories (airframe and engine mounted)
- 85,000 sq. ft.

## Hot Springs

- Commercial component repair services
- 300,000+ sq. ft.

## Thailand

- Commercial component repair services
- 238,605 sq. ft.



Our Landing Gear Overhaul team is a self-contained, full-service maintenance provider strategically located in Miami with complete wheels and brakes capabilities.

## Full-service capabilities

- Inspections
- Plating and machining
- Non-destructive testing
- Engineering
- Painting and assembly
- Bushing manufacturing

## U.S. military branches served

- Air Force
- Army
- Navy

## Airframes served

- C-40
- E-3D AWACS
- P-3
- P-8A
- C-32
- VC-25
- F-16
- C-130
- DC-10
- KC-10
- MD-11
- S-2T

**960+**

landing gear legs serviced per year



Providing worldwide AOG services

Secretary of Defense PBL Award





## Approved capability on over 150 different components

EASA / FAA / TCCA, ISO9001, AS9110, and AS9100 certified

- Guaranteed service levels; customer-tailored pricing
- Innovative engineering solutions
- 25,000 sq. ft. facility with full capability for regional, commercial, and military / defense applications
- Authorized repair center for OEMs

## Airframes served

- Boeing C-40
- Boeing E-3D AWACS
- Boeing P-3 (737) USN
- Boeing P-8A Poseidon USN (737)
- Boeing C-32 USAF (757)
- Boeing VC-25 (747)
- Lockheed Martin F-16 Blk 15-Block 60
- Lockheed C-130 Hercules (Many variants & end users worldwide)
- McDonnell Douglas DC-10
- McDonnell Douglas KC-10
- McDonnell Douglas MD-11



**8,000+**  
wheels and brakes  
served per year



## Complete range of services performed by skilled employees at our facilities

- Dispatch reliability – guaranteed service levels
- Predictability – value-added engineering solutions
- Cost containment – tailored pricing solutions
- Test stand design and manufacturing
- Web-based access for quoting approval, order tracking, and status
- Authorized repair center for OEMs
  - APUs
  - Electro-mechanical
  - Nacelles
  - Avionics
  - Gearboxes
  - Power generation
  - Electronic Bleed Air System (EBAS) components for B737 MAX
  - Hydraulics
  - Pneumatics
  - Instruments
  - Structures
  - Interior components

## Approved capability on over 32,400+ different part numbers

EASA / FAA / CAAC / JCAB / UKCAA / TCCA, ISO 9001:2015, AS9100, AS9110, and AS9120 certified



**45,900**

work orders processed in FY24





# Component Services: New York CH-47 and F-16 component capabilities



## CH-47



## F-16



## AAR Component Services – New York

Our facility in Garden City, NY, has capability to repair and overhaul over 3,000 military and commercial components.



## Component Services: New York Depot level test stand equipment and training



Since 1955, AAR Component Services – New York has been a world leader in aviation depot support. Our success is a result of our experience with aviation component repair, depot level training, test stand development, tooling design, and product support engineering. AAR is an independent FAA / EASA repair station with capability to repair / overhaul over 3,000 military and commercial aircraft components. Our military support includes F-16 and CH-47 components.

### Depot level component training

Our technicians train your technicians, transferring component repair skills to your depot. Classroom, hands-on training, and additional technical support from our engineers offer a comprehensive solution to training.

AAR recommends the following training methods:

- Phase I (conducted at AAR facility)
- Phase II OJT (conducted at customer depot)
- Phase III CETS (contractor engineering and technical services)



Training is performed at AAR facilities based on the type of component. Landing gear and wheels and brakes training is conducted at AAR Landing Gear Overhaul - Miami, Component Repair - New York performs the fuel, electrical, instruments, pneumatic, hydraulic, ADG, and APU component training.

AAR can also supply to your depot special test equipment (STE), such as the F-16 JFS and / or ADG test stands, which are both U.S. Air Force (USAF) approved.



**AAR is your one stop shop**  
for depot level component repair training  
and support equipment.



## Full-service integration support

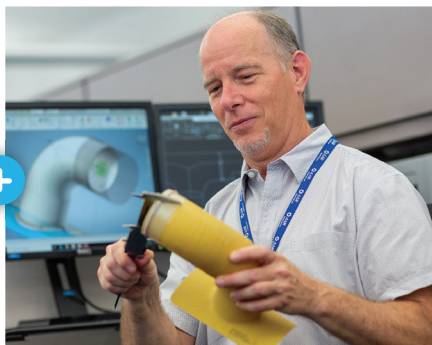
- Engineering and certification services
- Project integration
- Program and vendor management
- Manufacturing and kitting
- MRO and modification support

## Experienced team specializing in:

- Cabin modifications
- Structural and systems modifications
- Electrical and avionics upgrades

### Qualified engineers

offering high-quality,  
cost-effective  
technical services



## Certifications

- 80+ FAA and EASA STCs, amendments, and validations
- Foreign regulatory agency support for approvals

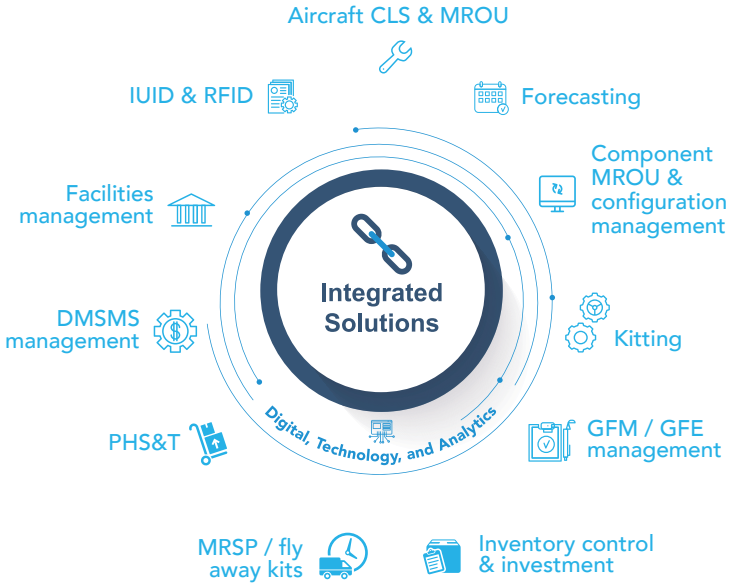
## Locations

- Indianapolis, IN, USA - main office co-located within Airframe MRO facility
- Singapore - regional office offering around-the-clock program support



- Dedicated engineering team
- Opportunities identified by leveraging part utilization data, engineering expertise, and internal repair capabilities
- Partnering with key customers to offer cost-reducing repair options





**Connecting AAR businesses  
to offer optimized solutions  
for our customers.**



### Government: Contractor Logistics Support (CLS)

Contracted total platform sustainment managing end-user fleets across all aspects of flight operations

- Provide all levels of maintenance, engineering, and modifications
- Provide tip-to-tail supply chain support
- Operate government owned aircraft

### Commercial: Power-by-the-Hour Component Support

Material component availability on a flight-hour basis to enable fleet readiness

- Invest and position stock to ensure point of use availability around the world
- Manage a global network of repair suppliers to maintain assets
- Establish long-term agreements to prevent shortages

### Government: Performance Based Logistics (PBL)

Provide on demand material to government and military end users – direct to the point of use

- Develop integrated supply chains to achieve forecasted demand
- Qualify and diversify vendor base to enable material availability
- Develop IP on non-standard repairs

### Government: Supply Chain & Third-Party Logistics (3PL)

Establish supply base consistent with end user needs and manage warehouses in strategic locations

- Control, manage, and maintain billions of dollars of U.S. Government material
- Distribute assets to directed locations
- Oversee import / export of goods around the world



**200K**

parts shipped for the U.S. Defense Logistics Agency (FY2024)



**900+**

gov't services team members (FY2024)



**50+**

OEM partners (FY2024)



**5**

continents serving government programs (FY2024)



## Integrated Solutions: Component Repair Management



**Airinmar®** is the world's only dedicated component repair management company offering value-added proprietary digital solutions to leading airlines.



Operating since 1985;  
acquired by AAR in  
2011



Provides repair and  
warranty services for  
4,000+ aircraft



Focuses on reducing  
repair costs,  
increasing component  
availability, and lowering  
working capital



Based in UK, plus  
regional support  
offices






Supported \$3B+  
repair spend across  
1M+ transactions  
over last 5 years





### Digital transformation

|                      | <br><b>Parts Supply</b> | <br><b>Repair &amp; Engineering</b> | <br><b>Integrated Solutions</b> |
|----------------------|--|--|--|
| <b>Digital theme</b> | Intelligent commerce   | Asset maximization   | Connected enterprise   |
| <b>Benefits</b>      | Availability, reliability, OTP   | Cost efficiencies, TAT   | Optimization, performance  |
| <b>Key enabler</b>   | Parts hub  | Digital MRO  | Real-time data   |



Operational efficiencies



Reduced risk, improved TAT



### Digital backbone and modernized IT



**Industry marketplace**



**Mobile technician**



**Smart programs**



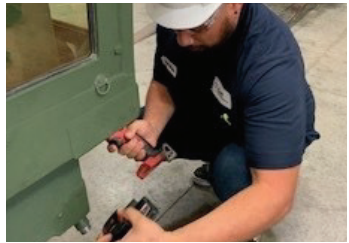
Based in Michigan since 1981, AAR Mobility Systems specializes in mission-tailored configurations, custom integration / modification, re-fit of mobile shelter systems, and life-cycle support for governments, militaries, and nonprofit organizations worldwide.

**Design | Manufacture | Integrate | Sustain**

**Maintenance & repair**



**Training services**



**Integration**



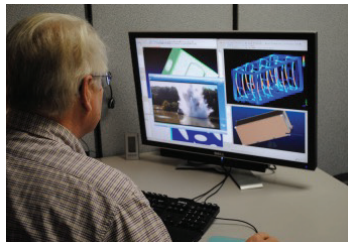
**Testing services**



**Mobility**



**Engineering & design**





### Safety

- Fewer people, less motion
- Reduced need for elevation / equipment
- Enhanced defect / issue identification

### Novel data source

- Retained imagery – documentation, compliance, trend analysis
- AI / Computer Vision based issue classification, algorithm training



### Automation

- Better / more seamless integration with existing software / infrastructure
- No manual piloting required

### Efficiency

- Significant reduction in inspection time / labor without impacting coverage or quality

**Improved efficiency  
at reduced cost.**



Leading provider of mobile and cloud-based software for airlines, other aircraft operators, and MROs



138 customers with an average tenure of 10+ years



Products increase maintenance efficiency, improve asset utilization, and streamline information flow between airlines, lessors, and MROs



Software creates the regulatory system of record required for airlines and lessors



100+ employees

trax.aero

Competitive advantages



Web-based



Mobile | Role-based



Paperless



Offline capability

Product      Functionality



- Web-based ERP for aircraft maintenance and fleet management (21 modules)



- Suite of 16 iOS and web-based apps (role-based) Real time transaction entry and information availability



- Original windows-based ERP
- Supported, but no longer offered to new customers

Services

- Implementation and data migration
- Integration with Trax<sup>SM</sup> customers' existing systems
- 24/7 support

Hosting

- Complete infrastructure capability with option to host all three solutions in the cloud

## Airframe MRO

- MRO in Europe: MRO, avionics, and structural depot-level maintenance and modifications, and Service Life Extension Program (SLEP) modifications for USAFE's F-16 fleet.
  - Providing overflow support to CONUS F-16 aircraft as needed
  - Contractor Field Teams to perform "speed line" depot-level repairs on any F-16 aircrafts in the field at any location

## Component MRO and Test Stand Manufacturer

- U.S. Air Force: F-16 ADG & JFS overhaul and JFA/ADG Test Stands
- Hellenic Air Force: F-16 ADG overhaul and JFS Test Stands
- Turkish Air Force: F-16 ADG overhaul and JFS Test Stands
- South Korean Air Force: F-16 ADG overhaul and JFS Test Stands

## F-16 CLS support



## F-16 Component overhauled



## USG/FMS/OEM training

- Egyptian Air Force: F-16 Component Depot Level Training
- USAF – Test Stand Training
- OEMs – Test Stand Training
- Multiple Allied Nations - F-16 Aircraft Maintenance Training

### Age Exploration Plan Depot (AEPD)

Awarded a 7-year contract from the U.S. Navy to provide depot maintenance for fleet

- Sole Provider to U.S. Navy, supporting fleet of over 100 P-8A aircraft, completing AEPD visits and delivering year-round field support including supporting grounded aircraft around the world
- Foreign governments can use this contract

### Parts support to Royal Norwegian Air Force

- Initial and ongoing provisioning of commercial common 737NG parts to Norway's newest fleet
- Provides new and certified overhauled parts
- Manage inspection, maintenance, repair, and overhaul, modification and upgrades of repairable parts

---

All depot work conducted at AAR's 14 CFR Part 145 certificated repair stations.





### C-40A CLS

AAR awarded a second 5-year contract from the U.S. Navy for full Contractor Logistics Support.

Maintenance and logistics for fleet of 19 C-40A aircraft at 7 CONUS and 3 OCONUS locations.

#### Aircraft maintenance

- O-, I-, and D-level maintenance
- Repair services
- Engine maintenance
- Support equipment
- Off-station aircraft recovery

#### Logistics support

- Supply chain management
- Consumables management
- Warehousing, distribution, and transportation

### C-40A procurement

AAR awarded contract to provide 2 aircraft to the U.S. Marine Corps.

- Acquisition, acceptance, and delivery of two 737-700 modified into C-40A aircraft
- Letter checks, paint, and installation of new engines and APUs
- Aircraft certified in accordance with 14 CFR Part 25 standards in 3 aircraft configurations: all-passenger, all-cargo, or combined passenger-cargo



- **AAR prime contractor** – 10-year Worldwide Aviation Support Services contract with the U.S. Department of State (DOS)
- Operate and maintain DOS fleet of 60 fixed- and rotary-wing aircraft, including: UH-1HII, UH1ST, HH-60L, C208, B1900, and DHC-8
- WASS team is supported by a robust supply chain, including services, parts, and repair suppliers; over 1,500 monthly aircraft parts demands processed
- Regions of operation include:
  - Africa
  - Central America
  - CONUS
  - South America
  - Middle East



## Background

- 15-year Performance-Based Logistics (PBL) Program for the sustainment of KC-135, E-3, and C-130 landing gear systems
- Repair, overhaul, supply chain sustainment, and asset management
- AAR maintains a public-private partnership with USAF

## Key to program's success

- Long-term nature of the contract enables AAR to make immediate and significant investments in piece parts and repair capabilities the USAF would otherwise not pursue



## OEM support: C-17 engine controls and accessories, repair management of Pratt & Whitney F117 engine controls and accessories



### Repair management of C-17 engine controls and accessories

- 293 part numbers managed
- 20 active vendors globally
- Aggressive TAT requirements
- Feed data between Pratt & Whitney and Boeing
- Order processing
- Vendor management
- Data management
- Production control and inventory staging
- Translate FAR requirements to commercial T&Cs and / or accommodate risks on behalf of vendors for OEM



The appearance of U.S. Department of Defense (DOD) visual information does not imply or constitute DOD endorsement.

## Contract vehicles

### Captains of Industry contract



**DLA** – DLA’s Captains of Industry

**CMMARs** – Modification, maintenance, inspection, and repair of US Government and FMS aviation platforms or systems

**F-16 International Training** – F-16 FMS partner maintenance training

**MASPO** – Federal Acquisition Services for Services – Aircraft Pool

### AAR certifications

| Category                        | Name                                    | Issue date    | Exp. date    | Issuing agency | Location          | Sub-category                            |
|---------------------------------|---|---------------|--------------|----------------|-------------------|---|
| <b>AAR CORP.</b>                |   |               |              |                |                   |   |
| <b>AAR CORP.</b>                | NBAA                                    | Jan 01, 1969  |              | NBAA           | Wood Dale, IL     |   |
| <b>AAR International</b>        |   |               |              |                |                   |   |
| <b>Shanghai</b>                 | ASA-100 and FAA AC 00-56B               | Nov 05, 2020  | Nov 03, 2026 | ASA            | Shanghai, China   |   |
| <b>Engineering</b>              |   |               |              |                |                   |   |
| <b>Engineering Services</b>     | CAAS - Design Organisation Approval     | Sep 01, 2021  | Aug 31, 2022 | CAAS DOA       | Singapore         |   |
|                                 | EASA Part 21J                           | Aug 09, 2021  |              | EASA           | Singapore         |   |
| <b>Repair &amp; Engineering</b> |   |               |              |                |                   |   |
| <b>Engineering Services</b>     | EASA Part 21J                           | Aug 09, 2021  |              | EASA           | Singapore         | Engineering Services                    |
|                                 | FAA PMA Letter PQ4036CE                 | Nov 27, 2013  |              | FAA            | Indianapolis, IN  | Engineering Services (Indianapolis, IN) |
|                                 | ASA-100 and FAA AC 00-56B               | June 14, 2013 |              | ASA            | Indianapolis, IN  | Engineering Services (Indianapolis, IN) |
| <b>Aircraft maintenance</b>     | AAR-ASR CRS Certificate                 | Sep 27, 2016  |              | FAA            | Rockford, IL      | Airframe MRO (Rockford, IL)             |
|                                 | AAR-ASR EASA Supplement Rev. 1.3, Mag 8 | Apr 27, 2021  |              | EASA           | Rockford, IL      | Airframe MRO (Rockford, IL)             |
|                                 | Air Agency Certificate issued Jan 1976  | Jan 17, 1976  |              | FAA            | Oklahoma City, OK | Airframe MRO (Oklahoma City, OK)        |

## AAR certifications – continued

| Category  | Name                                | Issue date   | Exp. date    | Issuing agency   | Location               | Sub-category                          |
|---|-------------------------------------|--------------|--------------|------------------|------------------------|---------------------------------------|
|   | EASA Certificate                    | May 07, 2021 |              | EASA             | Rockford, IL           | Airframe MRO (Rockford, IL)           |
|   | EASA Certificate valid til Feb 2023 | Dec 15, 2020 |              | EASA             | Oklahoma City, OK      | Airframe MRO (Oklahoma City, OK)      |
|   | EASA Certification                  | Jan 20, 2021 | Feb 01, 2023 | EASA             | Indianapolis, IN       | Airframe MRO (Indianapolis, IN)       |
|   | EASA Part -145 Approval Certificate | Jul 27, 2020 |              | EASA             | Miami, FL              | Airframe MRO (Miami, FL)              |
|   | EASA Part -145 Certificate          | Nov 16, 2021 | Dec 01, 2023 | EASA             | Trois-Rivières, Québec | Airframe MRO (Trois-Rivières, Québec) |
|   | FAA Air Agency Certificate          | Mar 03, 2022 |              | FAA              | Miami, FL              | Airframe MRO (Miami, FL)              |
|   | FAA PMA Letter PQ4036CE             | Nov 27, 2013 |              | FAA              | Indianapolis, IN       | Airframe MRO (Indianapolis, IN)       |
|   | FAA Repair Station Certificate      | Nov 15, 2004 |              | FAA              | Indianapolis, IN       | Airframe MRO (Indianapolis, IN)       |
|   | ISO certificate valid till Nov 2024 | Dec 08, 1999 |              | ISO              | Oklahoma City, OK      | Airframe MRO (Oklahoma City, OK)      |
|   | TCCA Supplement                     | Jan 08, 2020 |              | TCCA             | Rockford, IL           | Airframe MRO (Rockford, IL)           |
|   | Transport Canada                    | Oct 17, 2017 |              | Transport Canada | Trois-Rivières, Québec | Airframe MRO (Trois-Rivières, Québec) |
|   | Transport Canada                    | Jan 15, 2018 |              | Transport Canada | Windsor, Ontario       | Airframe MRO (Windsor, Ontario)       |
| <b>Component Repair, Landing Gear Overhaul, Wheels and Brakes</b> | AAR ACS-NY Air Agency Certificate   | Jun 09, 1975 |              | FAA              | Garden City, NY        | Component Repair (Garden City, NY)    |
|   | AAR ACS-NY AS_9100 Certificate      | Jan 31, 2021 | Jan 30, 2024 | AS               | Garden City, NY        | Component Repair (Garden City, NY)    |
|   | AAR ACS-NY AS9110 Certificate       | Jan 31, 2021 | Jan 30, 2024 | AS               | Garden City, NY        | Component Repair (Garden City, NY)    |

## AAR certifications – continued

| Category | Name   | Issue date   | Exp. date    | Issuing agency | Location        | Sub-category                       |
|----------|--|--------------|--------------|----------------|-----------------|------------------------------------|
|          | AAR ACS-NY Drug and Alcohol  | Aug 26, 2020 | Aug 26, 2023 | FAA            | Garden City, NY | Component Repair (Garden City, NY) |
|          | AAR Component Repair-NY EASA Cert                                  | May 31, 2022 | Jul 31, 2024 | EASA           | Garden City, NY | Component Repair (Garden City, NY) |
|          | AGENCIA NACIONAL DE AVIACAO CIVIL – ANAC                           | Jan 06, 2015 |              | Air Agency     | Miami, FL       | Landing Gear Overhaul (Miami, FL)  |
|          | ANAC Operational Specification                                     | Jan 06, 2015 |              | Air Agency     | Miami, FL       | Landing Gear Overhaul (Miami, FL)  |
|          | AS9110 Certification   | Apr 25, 2022 | Apr 25, 2025 | LRQA           | Amsterdam       | Component Repair (Amsterdam)       |
|          | AS-EN 9110 Certificate   | Apr 25, 2022 | Apr 24, 2025 | LRQA           | Amsterdam       | Component Repair (Amsterdam)       |
|          | Authorized Honeywell Service Center - EBAS System on Boeing 737MAX | Feb 01, 2021 | Nov 22, 2030 | Honeywell      | Amsterdam       | Component Repair (Amsterdam)       |
|          | Authorized Honeywell Service Center - EBAS System on Boeing 737MAX | Feb 01, 2021 | Nov 22, 2030 | Honeywell      | Garden City, NY | Component Repair (Garden City, NY) |
|          | CAAC certificate   | Oct 18, 1992 | Dec 31, 2022 | CAAC           | Amsterdam       | Component Repair (Amsterdam)       |
|          | CAAC Certificate 12-31-2021 - W Temporary Extension Letter         | May 30, 2021 |              | CAAC           | Miami, FL       | Landing Gear Overhaul (Miami, FL)  |
|          | CAA-UK Maintenance Organisation Approval Certificate               | Oct 11, 2021 |              | CAA-UK         | Amsterdam       | Component Repair (Amsterdam)       |
|          | Drug and Alcohol Letter 09102009                                   | Jun 20, 2014 |              | FAA            | Miami, FL       | Landing Gear Overhaul (Miami, FL)  |

## AAR certifications – continued

| Category | Name                       | Issue date   | Exp. date    | Issuing agency | Location  | Sub-category                      |
|----------|----------------------------|--------------|--------------|----------------|-----------|-----------------------------------|
|          | EASA Approval Certificate  | May 10, 1994 |              | EASA           | Amsterdam | Component Repair (Amsterdam)      |
|          | EASA Part-145 Certificate  | Jul 28, 2020 |              | EASA           | Miami, FL | Landing Gear Overhaul (Miami, FL) |
|          | FAA Air Agency Certificate | Mar 25, 1968 | Mar 31, 2023 | FAA            | Amsterdam | Component Repair (Amsterdam)      |
|          | FAA Certificate            | Nov 24, 1987 |              | FAA            | Miami, FL | Landing Gear Overhaul (Miami, FL) |
|          | FAA OpSpecs QT1Y438K       | Jan 06, 2022 |              | FAA            | Amsterdam | Component Repair (Amsterdam)      |
|          | ISO 9001 Certification     | Jun 20, 2022 | Apr 24, 2025 | LRQA           | Amsterdam | Component Repair (Amsterdam)      |
|          | MAA-NLD Certification      | Apr 25, 2022 | Apr 11, 2025 | MAA-NLD        | Amsterdam | Component Repair (Amsterdam)      |
|          | TCCA Certificate (Canada)  | Jan 11, 2021 |              | TCCA           | Amsterdam | Component Repair (Amsterdam)      |
|          | Wulfsberg Electronics      | Jun 20, 2014 |              | Wulfsberg      |           |                                   |

### Airframe MRO, Component Repair, Landing Gear Overhaul, Wheels and Brakes

|                     |                                     |              |              |      |                   |  |
|---------------------|-------------------------------------|--------------|--------------|------|-------------------|--|
| <b>Airframe MRO</b> | AAR-ASR Capability List             | Aug 23, 2021 |              | FAA  | Rockford, IL      | Aircraft Maintenance (Rockford, IL)      |
|                     | AAR-ASR EASA Supplement             | May 31, 2023 |              | EASA | Rockford, IL      | Aircraft Maintenance (Rockford, IL)      |
|                     | AAR-ASR Operations Specifications   | Jan 07, 2022 |              | FAA  | Rockford, IL      | Aircraft Maintenance (Rockford, IL)      |
|                     | EASA Certificate                    | May 07, 2021 |              | EASA | Rockford, IL      | Aircraft Maintenance (Rockford, IL)      |
|                     | EASA Certificate valid til Feb 2023 | Dec 15, 2020 |              | EASA | Oklahoma City, OK | Aircraft Maintenance (Oklahoma City, OK) |
|                     | EASA Certification                  | Jan 20, 2021 | Feb 01, 2023 | EASA | Indianapolis, IN  | Indianapolis, IN                         |

## AAR certifications – continued

| Category  | Name                                | Issue date   | Exp. date    | Issuing agency   | Location               | Sub-category                                  |
|---|-------------------------------------|--------------|--------------|------------------|------------------------|---|
|   | EASA Part -145 Approval Certificate | Apr 29, 2022 | Jul 31, 2024 | EASA             | Miami, FL              | Aircraft Maintenance (Miami, FL)              |
|   | EASA Part-145 Approval              | Aug 16, 2022 | Sep 10, 2023 | Transport Canada | Windsor, Ontario       | Aircraft Maintenance (Windsor, Ontario)       |
|   | EASA Part-145 Certificate           | Nov 16, 2021 | Dec 01, 2023 | EASA             | Trois-Rivières, Québec | Aircraft Maintenance (Trois-Rivières, Québec) |
|   | FAA Air Agency Certificate          | Mar 03, 2022 |              | FAA              | Miami, FL              | Aircraft Maintenance (Miami, FL)              |
|   | FAA Repair Station Certificate      | Nov 15, 2004 |              | FAA              | Indianapolis, IN       | Aircraft Maintenance (Indianapolis, IN)       |
|   | ISO certificate valid till Nov 2024 | Dec 08, 1999 |              | ISO              | Oklahoma City, OK      | Aircraft Maintenance (Oklahoma)               |
|   | TCCA Supplement                     |              |              | TCCA             | Rockford, IL           | Aircraft Maintenance (Rockford, IL)           |
|   | Transport Canada                    |              |              | Transport Canada | Trois-Rivières, Québec | Aircraft Maintenance (Trois-Rivières, Québec) |
|   | UK CAA Supplement                   | Jan 08, 2020 |              | Transport Canada | Windsor, Ontario       | Aircraft Maintenance (Windsor, Ontario)       |
|   | Transport Canada                    |              |              | Transport Canada | Windsor, Ontario       | Aircraft Maintenance (Windsor, Ontario)       |
| <b>Component Repair, Landing Gear Overhaul, and Wheels and Brakes</b> | AAR ACS-NY Air Agency Certificate   | Jun 09, 1975 |              | FAA              | Garden City, NY        | Component Repair (Garden City, NY)            |
|   | AAR ACS-NY AS_9100 Certificate      | Jan 31, 2021 | Jan 30, 2024 | AS               | Garden City, NY        | Component Repair (Garden City, NY)            |
|   | AAR ACS-NY AS9110 Certificate       | Jan 31, 2021 | Jan 30, 2024 | AS               | Garden City, NY        | Component Repair (Garden City, NY)            |



## AAR certifications – continued

| Category | Name   | Issue date   | Exp. date    | Issuing agency | Location        | Sub-category                       |
|----------|--|--------------|--------------|----------------|-----------------|------------------------------------|
|          | AAR ACS-NY Drug and Alcohol  | Aug 26, 2020 | Aug 26, 2023 | FAA            | Garden City, NY | Component Repair (Garden City, NY) |
|          | AAR Component Repair-NY EASA Cert                                  | May 31, 2022 | Jul 31, 2024 | EASA           | Garden City, NY | Component Repair (Garden City, NY) |
|          | AS-EN 9110 Certificate   | Apr 25, 2022 | Apr 24, 2025 | LRQA           | Amsterdam       | Component Repair (Amsterdam)       |
|          | Authorized Honeywell Service Center - EBAS System on Boeing 737MAX | Feb 01, 2021 | Nov 22, 2030 | Honeywell      | Amsterdam       | Component Repair (Amsterdam)       |
|          | Authorized Honeywell Service Center - EBAS System on Boeing 737MAX | Feb 01, 2021 | Nov 22, 2030 | Honeywell      | Garden City, NY | Component Repair (Garden City, NY) |
|          | CAA-UK Maintenance Organisation Approval Certificate               | Oct 11, 2021 |              | CAA-UK         | Amsterdam       | Component Repair (Amsterdam)       |
|          | EASA Approval Certificate  | May 10, 1994 |              | EASA           | Amsterdam       | Component Repair (Amsterdam)       |
|          | FAA Air Agency Certificate   | Mar 25, 1968 | Mar 31, 2025 | FAA            | Amsterdam       | Component Repair (Amsterdam)       |
|          | FAA Certificate  | Nov 24, 1987 |              | FAA            | Miami, FL       | Landing Gear Services (Miami, FL)  |
|          | FAA OpSpecs QT1Y438K   | Dec 18, 2023 |              | FAA            | Amsterdam       | Component Repair (Amsterdam)       |
|          | ISO 9001 Certification   | Jun 20, 2022 | Apr 24, 2025 | LRQA           | Amsterdam       | Component Repair (Amsterdam)       |
|          | MAA-NLD Certification  | Apr 25, 2022 |              | MAA-NLD        | Amsterdam       | Component Repair (Amsterdam)       |
|          | Military Capability Manual Rev IR 11-16-2021 (1)                   | Nov 16, 2021 |              | na             | Miami, FL       | Landing Gear Services (Miami, FL)  |

## AAR certifications – continued

| Category | Name                      | Issue date    | Exp. date | Issuing agency | Location  | Sub-category                      |
|----------|---------------------------|---------------|-----------|----------------|-----------|-----------------------------------|
|          | ISO 9001:2015 and AS9110C | June 12, 2018 |           | ASACB          | Miami, FL | Landing Gear Services (Miami, FL) |
|          | EASA Part 145 Certificate |               |           | EASA           | Miami, FL | Landing Gear Services (Miami, FL) |
|          | TCCA Certificate (Canada) | Jan 11, 2021  |           | TCCA           | Amsterdam | Component Repair (Amsterdam)      |
|          | Wulfsberg Electronics     | Jun 20, 2014  |           | Wulfsberg      |           |                                   |

### Parts and Supply Chain

|  |   |              |              |                                |               |  |
|--|---|--------------|--------------|--------------------------------|---------------|--|
| <b>Aircraft and Engine Parts Supply</b>            | Aviation Suppliers Association ASA-100 certification    | Oct 18, 2023 | Nov 3, 2026  | ASA                            | Wood Dale, IL |  |
|  | FAA AC 00-56B   | Oct 26, 2021 | Oct 25, 2024 | FAA                            | Wood Dale, IL |  |
|  | ISO 9001:2015 / AS9120B - Allen Asset Management        | Oct 26, 2021 | Oct 25, 2024 | Perry Johnson Registrars, Inc. | Wood Dale, IL |  |
|  | ISO 9001:2015 / AS9120B for AAR Aircraft Turbine Center | Oct 26, 2021 | Oct 25, 2024 | Perry Johnson Registrars, Inc. | Wood Dale, IL |  |
|  | Letter of Conformance FAA AC 0056B                      | Oct 26, 2021 | Oct 25, 2024 | FAA                            | Wood Dale, IL |  |
| <b>Distribution</b>                                | FAA AC 00-56B   | Oct 26, 2021 | Oct 25, 2024 | FAA                            | Wood Dale, IL |  |
|  | ISO 9001:2015 / AS9120B                                 | Oct 26, 2021 | Oct 25, 2024 | Perry Johnson Registrars, Inc. | Wood Dale, IL |  |
|  | Letter of Conformance FAA AC 0056B                      | Oct 25, 2021 | Oct 25, 2024 | FAA                            | Wood Dale, IL |  |
| <b>Aircraft sales and leasing and Engine sales</b> | FAA AC 00-56B   | Jul 09, 2022 | Jul 08, 2025 | Perry Johnson Registrars, Inc. | Wood Dale, IL |  |

## AAR certifications – continued

| Category          | Name                      | Issue date   | Exp. date    | Issuing agency                 | Location      | Sub-category |
|-------------------|---------------------------|--------------|--------------|--------------------------------|---------------|--------------|
|                   | ISO 9001:2015 and AS9100D | Jul 09, 2022 | Jul 08, 2025 | Perry Johnson Registrars, Inc. |               |              |
|                   | ISO 9001:2015 and AS9110C | Jul 09, 2022 | Jul 08, 2025 | Perry Johnson Registrars, Inc. | Wood Dale, IL |              |
|                   | ISO 9001:2015 and AS9120B | Jul 09, 2019 | Jul 08, 2025 | Perry Johnson Registrars, Inc. | Wood Dale, IL |              |
| <b>Government</b> | FAA AC 00-56B             | Jul 09, 2022 |              | Perry Johnson Registrars, Inc. | Wood Dale, IL |              |
|                   | ISO 9001:2015 and AS9100D | Jul 09, 2022 |              | Perry Johnson Registrars, Inc. | Wood Dale, IL |              |
|                   | ISO 9001:2015 and AS9110C | Jul 09, 2022 |              | Perry Johnson Registrars, Inc. | Wood Dale, IL |              |
|                   | ISO 9001:2015 and AS9120B | Jul 09, 2022 |              | Perry Johnson Registrars, Inc. | Wood Dale, IL |              |

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## Notes



## Notes



## Notes



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