

# ADS

AVIATION & DEFENCE SPARES



SUPPLYING THE SKIES WORLDWIDE



## Introduction

**ADS** is a Global leader in Aviation product supply, providing essential spares across all aspects of the Aviation Industry, supplying Airforces, Airlines and major organisations that all demand one crucial factor - guaranteed products, with guaranteed, on time delivery.

We also provide our global customers with many solutions across all repairs and engineering solutions for product enhancement, obsolescence, re-engineering and life extensions.

Today we support the Global Aviation Industry with a diverse range of spare parts across all of the following key areas of product supply...



SUPPLYING THE SKIES WORLDWIDE

## Some of our Global Customers

- UK Royal Air Force (MoD)
- US Navy
- Indian Air Force
- Indian Navy
- Hindustan Aeronautics Ltd (HAL)
- UAE Armed Forces
- Finnish Air Force
- Spanish Air Force
- Indonesian Aerospace (PDTI) & Air Force
- Royal Malaysian Air Force
- Royal Thai Air Force
- Royal Air Force of Oman
- AMMROC/GAL
- Vertex Aerospace
- Flugzeug-Union Sud GMBH
- Airbus Defence & Space GMBH
- Collins Aerospace
- Piaggio Aerospace
- Korean Navy (DAPA)





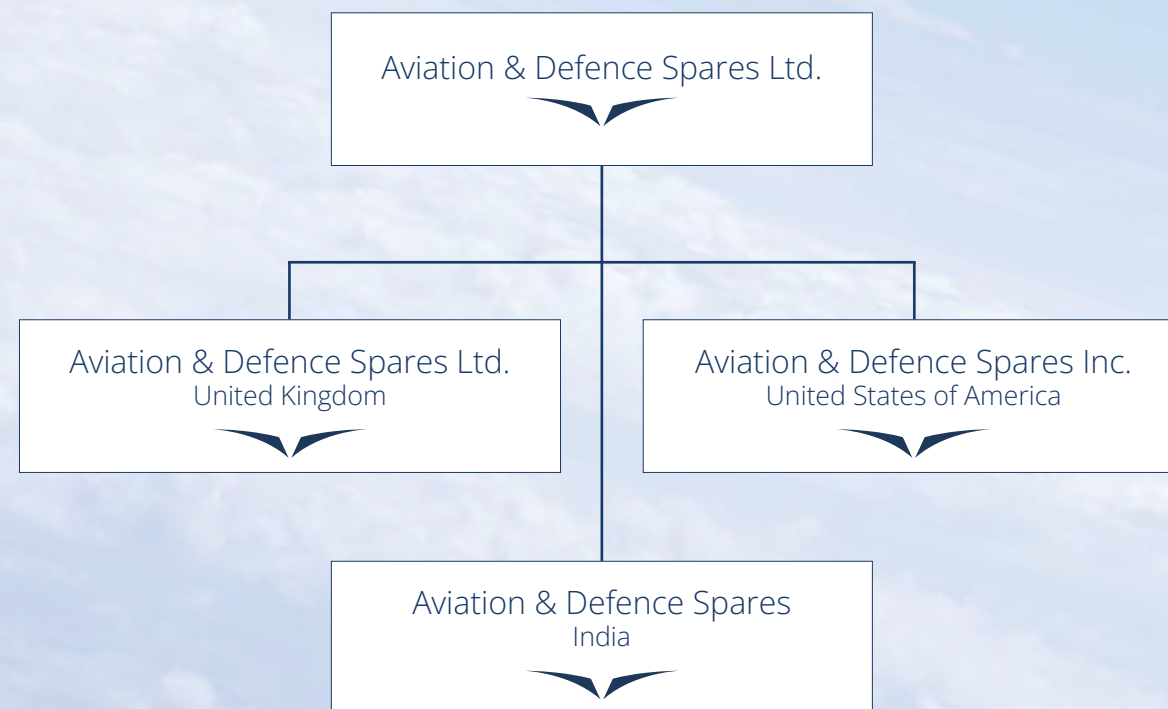
## Company Profile

Aviation & Defence Spares Ltd (**ADS**) was originally formed in 1990.

The ADS Corporate Head Office is located in the U.K. and operates a liaison office in Delhi, India which is registered with the Reserve Bank of India(RBI) and a US registered office in Delaware servicing US DoD programs.



Corporate Headquarters & Warehouse Facilities



**Military**... supply & support

**Defence** ... where supply is critical & specific

**Equipment** ... life support & safety

**Maintenance** ... repair and overhaul (MRO)

**Ground Support** ... when & where you need it

**Consumables** ... nuts & bolts of the industry

**Global Database** ... visit our fast, extensive, online service



# SUPPLYING THE SKIES WORLDWIDE

**ADS** provides a leading commercially competitive service for our growing list of Global customers.

**ADS** stocks and distributes on behalf of many of the industry's leading manufacturers... allowing us to pass on very competitive commercial terms which include parts that are exclusively sold through ADS. Couple this with our in depth export handling knowledge and experience in supplying all types of products and spare parts to global customers... only made possible by managing the complexities of international export controls to make sure your deliveries are safe and, most importantly, on time.

All of the above ensures that each customer receives... a **QUALITY** assured **GLOBAL** service, as per our **AS9120/REVB 2016** standard.

# ADS - Military

AVIATION & DEFENCE SPARES

Military performance is paramount in the minds of all those associated with Government Defence departments. So it is crucial that your source of product supply and support service is one you can trust and rely on.

**ADS** supplies a full global parts and spares support service for all military aircraft, ensuring that defence departments worldwide are able to maintain a high level of military capability at all times.



Our extensive range of services and in-depth product understanding, as well as offerings through our (OEM) partnerships, enable us to provide many beneficial financial packages.





# ADS - Honeywell Channel Partner

AVIATION & DEFENCE SPARES

## Honeywell

**ADS** has been an official Channel Partner and Distributor for Honeywell Aerospace since 2013 and in 2019 was down selected to be Honeywell Aerospace Exclusive Distributor for all Yeovil (U1605) Mechanical, Oxygen and Air Thermal Systems. These include parts such as life support systems, for example Oxygen Regulators, Anti



G Valves, through to Hydraulic Systems for doors and under carriages, Ground Support Equipment – Oxygen Tester Leak & Flow, Cabin Pressure Test Trolley. This wide range of products are distributed globally in support of various platforms such as BAE Systems Hawk, Eurofighter Typhoon, CN235, C295, AV8-B, PC-21, Lynx Helicopter, AW-139.



## MRO & Civil Support

**ADS** stocks and distributes Honeywell Engine Spares in support of MRO facilities globally. Honeywell Engines include all variants of TFE731 & TPE331 in support of Bombardier Learjets, Dassault Falcons, Cessna Citations, Hawker 800s, Cessna C212, Dornier 228.

**ADS** holds stock of a number of parts which are required in order to support the repair and overhaul process, offering short leadtimes and competitive pricing.



MECHANICAL COMPONENTS

CONSUMABLES

GROUND SUPPORT EQUIPMENT

BRAKE ASSEMBLY

FUEL SYSTEMS

OXYGEN SYSTEMS

LIFE SAFETY EQUIPMENT

ACTUATION & HYDRAULIC COMPONENTS

Honeywell

Collins Aerospace



다원프릭션  
DAWINFRICTION

ONTIC

GE Aviation

CURTISS-  
WRIGHT

AMETEK

MOOG

AEROSEALS

ATELIERS DE LA HAUTE-GARONNE  
PROTECTING PERFORMANCE BY INNOVATION

Southbourne Rubber

SBR

HOWMET  
AEROSPACE

PCC  
AEROSTRUCTURES

HAWK OEM PARTNERS



**Honeywell**



**Collins Aerospace**

**CURTISS-WRIGHT**

**ONTIC**

**AMETEK**

**SBR**  
Southbourne Rubber

**AEROSEALS**

**MOOG**

**AHG**  
ATELIERS DE LA HAUTE-GARONNE  
PARTNERING PERFORMANCE TO INNOVATION

**HOWMET**  
AEROSPACE

**PCC**  
AEROSTRUCTURES

**Radiall**

**GE Aviation**

**senior**  
Aerospace

JAGUAR OEM PARTNERS



# ADS - OEM Partners

AVIATION & DEFENCE SPARES



**ADS** is the worldwide exclusive distributor for Ontic Engineering (excluding India). Our agreement consists of various Fuel Systems and Actuation parts used on the BAE Systems Hawk and T45 Goshawk. ADS holds a large inventory of key components to meet our customers demand.



## Fuel Systems and Actuation Products - New Spares and Repair & Overhaul

- Fuel Amplifiers – 0803KAM02
- Fuel Tank Units – GA194
- Fuel Indicator – GA195
- Junction Box – GJ9 / GJ10
- Fuel Gauge – GA196
- Valve Accumulator - 101042604
- Seat Valves - 103883602
- Cylinder Accumulator - 103211301

## Honeywell



**ADS** is the worldwide exclusive distributor for Ontic Staverton. Our agreement consists of Airframe Hydraulic components recently transitioned from Honeywell Aerospace. These high precision products include MLG Actuators, Solenoid Valves and Hydraulic Accumulators. Platforms supported include BAE Systems Hawk, T45 Goshawk, LCA, Jaguar, Typhoon, Tornado, and many Military Helicopter variants. ADS holds a large inventory of these products in support of our global customer base.



# ADS - OEM Partners

AVIATION & DEFENCE SPARES

SBR (Southbourne Rubber) is a long established UK manufacturer of precision and industrial rubber mouldings, grommets, O-rings, bondings, washers, seals, gaskets, extrusions and sheeting.



SBR appointed ADS as their exclusive distributor for India in support of Indian Air Force, Navy and Hindustan Aeronautics Ltd. These consumable parts are used on a variety of platforms such as BAE Hawk, Jaguar and India's indigenous platforms Cheetah/Chetak, ALH and LCA amongst many others.



Dawin Friction appointed ADS as their worldwide, exclusive distributor for the BAE Hawk brake parts (Segment Rotors, Brake Pads etc.) ADS stocks these consumable parts in support of customer high demand. This brake solution can be procured at very competitive prices with shorter lead-times than alternate sources.



NON-METALLIC HOSES

TURNING & MILLING COMPONENTS

FLUID FILTERS

MECHANICAL & HYDRAULIC ACTUATORS

LANDING ASSEMBLIES

CONSUMABLES

MECHANICAL COMPONENTS

Honeywell



Collins Aerospace

CURTISS-WRIGHT



MOOG

senior  
Aerospace

RECAL  
PRECISION & ENGINEERS  
(COLNE) LIMITED

SAFRAN

EUROFIGHTER

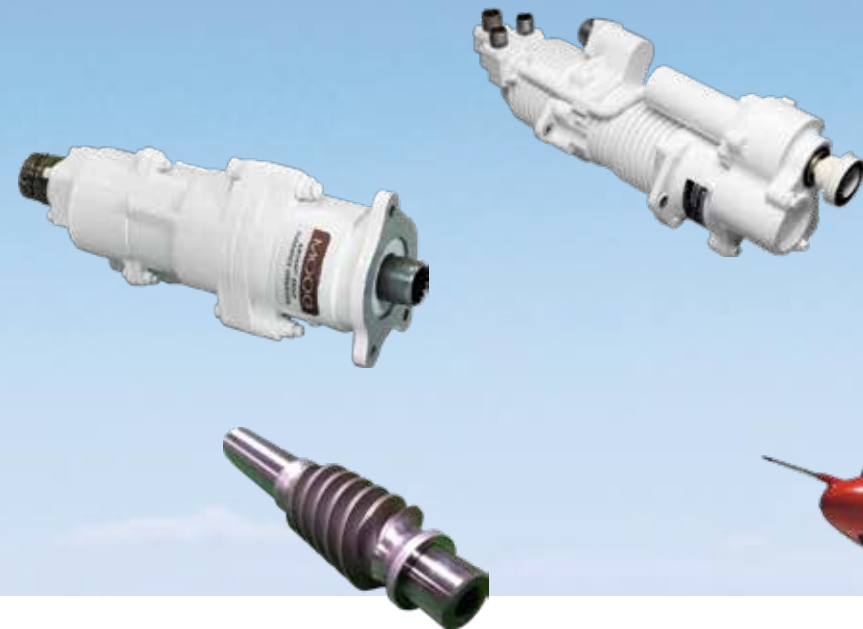
OEM PARTNERS



# ADS - OEM Partners

AVIATION & DEFENCE SPARES

Moog is a worldwide designer, manufacturer, and systems integrator of high-performance precision motion and fluid controls and controls systems. ADS has been appointed as sole distributor for military platform T45 and with Moog's global reach and strength coupled with Aviation & Defence Spares regional dominance and strong connections will be growing opportunities to the wider portfolio of platforms Moog support.



# MOOG



ADS has been appointed Curtiss-Wright Exclusive Distributor for parts such as Flight Control Sensors, Solenoids and Potentiometers specifically designed for the BAE Systems Hawk, T45 Goshawk, Jaguar, LCA Aircraft, Kiran and ALH Helicopter. This agreement is in support of the US Navy, Indian Air Force and Hindustan Aeronautics Ltd. ADS holds a large inventory of these legacy products minimizing lead-times to support our customers annual forecasted demands.



**Penny+Giles**  
A Curtiss-Wright Company







Honeywell



Collins Aerospace

CURTISS-WRIGHT

AMETEK



HOWMET  
AEROSPACE

SBR<sup>®</sup>  
Southbourne Rubber



ATELIERS DE LA HAUTE-GARONNE  
TAUTONS PERFORMANCE VS INNOVATION

AEROSEALS

senior  
Aerospace

SAFRAN

Radiall

CHEETAH/CHEETAK OEM PARTNERS

# ADS - Collins Aerospace Distributor

AVIATION & DEFENCE SPARES



**ADS**, as of 2019, were appointed Collins Aerospace France Exclusive Distributor in support of Indian Air Force/Navy and Hindustan Aeronautics Ltd. This agreement allows us to also support customers globally across various platforms which include Alouette, Lama, Fennec, Puma, Super Puma, H145 and H125 helicopters. Products include hydraulic based helicopter

LRUs and spares, for example, Hydraulic Pumps, Servo's, Actuators and Reparation Kits. ADS holds a large inventory for continuous support of our customer base.



**ADS** has recently been awarded an exclusive agreement to distribute new spares and facilitate repairs on LRU's used on PC-7, PC-9 and PC-21. Products include Main and Nose Landing Gear Actuators, Selector Manifold, Valve Assy's, Airbrake Actuators and piece parts. Supported customers include Indian Air Force/Navy and Hindustan Aeronautics Ltd.



**ADS**, as of 2024, has been appointed as an authorised Distributor of Collins Aerospace UK, this agreement is in support of the US Navy T45 Goshawk and BAE Systems Hawk aircraft for Indian Air Force. Products include actuation parts, Trim Actuators, DC Motors, Ignitors, High Energy Ignition Units and Ignition Cables. ADS stocks and distributes globally and also provides repair and overhaul solutions.



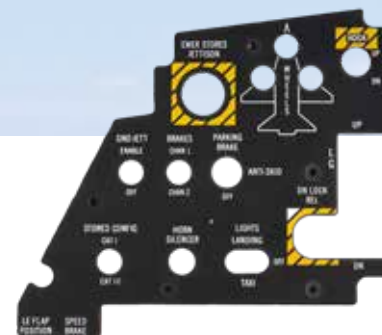


# ADS - OEM Partners

AVIATION & DEFENCE SPARES



**ADS** are an authorized distributor for AeroPanel Corporation, who develop and manufacture state-of-the-art display panels and instrument display components for the Aerospace industry. Aeropanel have various products on most US platforms, such as the F-15, C-130 and AH-64 to name a few. Aeropanel's sister company INSCO Instruments allow ADS to provide analog instrumentation, display components and control devices that meet military system requirements and are used on such platforms as the AH-64.



# ADS - OEM Partners

AVIATION & DEFENCE SPARES



## W.R. Davis Engineering

W.R. Davis are a world leader at providing IR signature management products and services for rotorcraft and fixed wing aircraft. They combine computer IR simulations with real-world IR measurements and testing to design and fabricate engine exhaust IR signature suppression devices.

The AS332 Serpentine Exhaust Duct (AS332 SED) redirects the exhaust gas to the aft of the aircraft via a bent ejector. The serpentine shape of the tailpipe provides a full optical block of the ejector hot metal from aft of the aircraft. An aerodynamic fairing covers the ejector.



The C-130J IRS significantly reduces IR signature at all view angles around the aircraft using a combination of effusion and film cooling on all visible metal surfaces. The kit is designed for easy maintenance which does not obstruct access to the engine compartment, and pre-flight turbine inspection, through quick release access ports.



**ADS** work closely with Maven as their US partner, who are a manufacturer of aircraft parts, specialising in the older legacy systems, including the F-16 and C-130. We support over 5,000 part numbers across all Maven supported platforms.

Maven have in-house Engineering and Manufacturing capabilities allowing production of small batch runs and handle everything from small components to complex assemblies, covering structural parts to Ground Support Equipment.





# ADS - Defence ... where supply is Critical & Specific

AVIATION & DEFENCE SPARES



To keep your defence capabilities at the cutting edge it is essential that your supply line is from a reputable leader in the aviation industry.

**ADS** guarantees critical, on time supply.



- Naval Ship Spares
- VHF / HF / UHF Radio's / Satcom
- Radar Systems

- Communication Networks
- GPS & Global Navigation Systems
- Land & Maritime Satellite Communications

- TALIN - Inertial Land Navigation Family
- HUMS - Health and Usage Monitoring

**ADS** is a MEL Aviation Exclusive Distributor. Our agreement covers a wide range of products and equipment which include pilot life support such as oxygen breathing equipment, ground support and survival. ADS supports UK MOD, UAE Armed Forces, US Navy, Indian Air Force and Hindustan Aeronautics Ltd among many other customers. We provide factory new items as well as repair and overhaul solutions on customers existing Ground Support Equipment

## Oxygen Breathing Equipment & GSE Products

- Test Flying Clothing
- GSE Test Trolleys and Oxygen Testers
- GSE Trolley Weapons System
- GSE Trolley Drop Tank
- Oxygen Masks for Hawk and Jaguar aircraft
- Oxygen Equipment accessories
- Communication Headsets
- Survival Equipment





# - Maintenance ... Repair & Overhaul (MRO)

**ADS** manages a number of Maintenance and Repair contracts for Government based end users, these include UK MOD, US Navy, Indonesian Air Force, Finnish Air Force and UAE Armed Forces. ADS ensures that the process is smooth and programmed deliveries are made on time.



## Engine Spares Capability

- |                   |                    |
|-------------------|--------------------|
| ■ Dart            | ■ HTF 7000 / 900   |
| ■ Artouste        | ■ CTS 800          |
| ■ Arriel          | ■ F124 / F125      |
| ■ TFE 731         | ■ T53              |
| ■ TPE 331         | ■ LTS 101          |
| ■ Gem / Gnome     | ■ ALF 502 / LF 507 |
| ■ Adour           |                    |
| ■ Viper / Orpheus |                    |





# - Ground Support Equipment

**ADS** can support Airport Authorities and Ground Support companies that need essential equipment, products and spares to effectively service individual aircraft, airlines and airports around the world.

Ground support service covers thousands of products including air traffic control,

radar equipment, airport fire safety, runway maintenance, vehicle support, cargo handling equipment ... plus many other items needed on a daily basis to ensure the efficient running of international airports worldwide.



- Air Starter Unit
- Ground Power Unit
- Oxygen - Nitrogen Cart
- Wheels & Brakes Charger
- Aircraft Starter Units
- Transformer Rectifier Units
- Battery Ramp Carts
- Trolley Cabin Pressure Unit 415V
- Recorder Test and Ground Equipment
- Hydraulic Maintenance Lifts
- Maintenance Stands
- Towbars





# ADS - OEM Partners

AVIATION & DEFENCE SPARES

When it comes to Ground Support Equipment (GSE) and Maintenance Tooling for the repair and manufacture of aircraft or engines, Hydro stands for innovation, experience and reliability. As the world market leader, Hydro set the standards – from a uniquely large, innovative product portfolio to complete system solutions from our engineering division, through to a diversified range of services.



In safe hands.

In addition to more than 3,000 GSE products and over 25,000 tools for countless different types of aircraft and engines, Hydro also specialises in developing complete system solutions. An extensive product-related service, broad-based engineering expertise and deep industry knowledge.



**ADS** distributes to India on behalf of Ateliers de la Haute Garonne (AHG) who manufacture hardware to French and German standards, for example bolts, screws and rivets amongst others. ADS holds a variety of inventory in preparation for our customer's demands.







# - Consumables ...the Nuts & Bolts of the Industry

We have vast experience in the nuts and bolts of the Aviation Industry, for fast moving consumable replacement parts. We have extensive stock & sourcing ability due to our close relationships with leading manufacturers.



- Special Fasteners
- Lubricants
- Oils / Paints / Thinners
- Adhesives / Sealants / Tapes
- Pressure Sensitive Tape
- Epoxy
- Hardeners
- Electrical Wiring Harnesses / Looms
- Electrical Connectors, Contacts, Relays, Switches, Terminals, Sockets, Wiring, Transformers, Invertors, Resistors, Capacitors, I.C's Support
- Screws, Nuts, Bolts, Rivets, Bearings, Shims, Washers, Gaskets, O-Rings, Spacers, Split Pins, Seals, Clamps, Filters

# ADS - OEM Partners

AVIATION & DEFENCE SPARES

In addition to our primary OEM agreements and relationships, ADS also partners alongside these OEM's for specific customer programs, which enables the fast supply of certified OEM parts including preferential product pricing.

MOOG

TRIUMPH

SATAIR



RECICAL  
PRECISION ENGINEERS  
(COLNE) LIMITED



COBHAM

BOEING

silmid  
a GracoRoberts company

AEROSONIC

PCC  
AEROSTRUCTURES

AMETEK

HARRIS

AEROSEALS

Radiall

FAURE HERMAN  
Ultraflux  
Counting every Drop

BETATRONIX  
AN AFFILIATE OF ELECTRO SWITCH

SAFRAN

AAR

Honeywell

Collins Aerospace

HUTCHINSON

ARESIA

RAYFAST  
part of the INTERCONNECT SOLUTIONS Group

AeroPanel

SBR  
Southbourne Rubber

AHGE  
ATELIERS DE LA HAUTE-GARONNE  
FASTENING PERFORMANCE TO INNOVATION

ONTIC

HYDRO  
Precision in Aircraft Support  
In safe hands.

다원프릭션  
DAWINFRICTION

CURTISS-WRIGHT

TEXTRON AVIATION

SKF

SV MICROWAVE  
Amphenol

The MEL Group

senior  
Aerospace

LEACH  
INTERNATIONAL CORP

Jamaica Bearings Company



# ADS - Customers

AVIATION & DEFENCE SPARES

We are proud to partner with the world's leading aviation customers, providing exceptional support to meet their critical needs. Our expertise spans comprehensive maintenance, advanced avionics, and tailored logistics solutions, ensuring optimal performance and reliability. By delivering unmatched service and innovative solutions, we empower our customers to excel in their missions, setting the standard for excellence in aviation support worldwide.



US Navy



Indonesian National Defence Forces



Royal Thai Air Force



UK MOD



Indian Navy



Indian Air Force



Royal Malaysian Air Force



Royal Air Force of Oman



UAE Armed Forces



Finnish Defence Forces



Indonesian Aerospace



Spanish Air Force



NSPA



Vertex





HONEYWELL TFE731  
SPARE PARTS SUPPLIER

US NAVY

SPANISH AIR FORCE

UK MOD

PIAGGIO  
AEROSPACE

NSPA  
NATO

TURKISH  
AIR FORCE

FINNISH  
AIR FORCE

ROYAL AIR FORCE OF  
OMAN

UAE ARMED FORCES  
(VIA AMMROC & GAL)

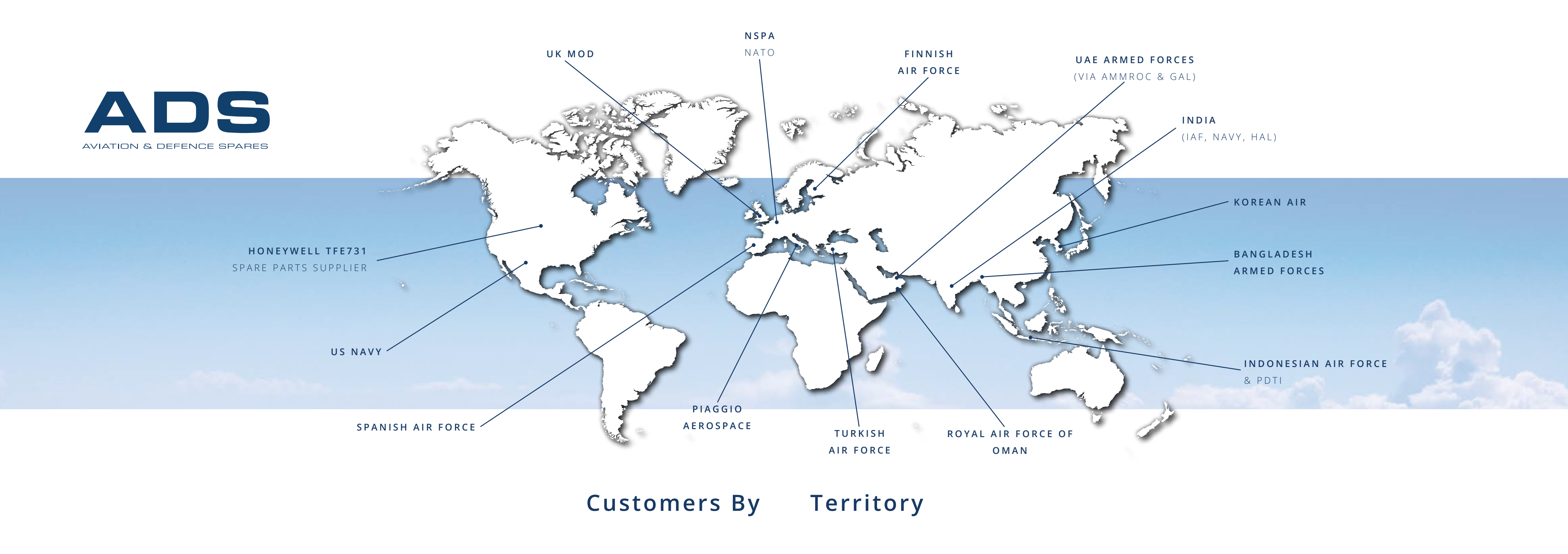
INDIA  
(IAF, NAVY, HAL)

KOREAN AIR

BANGLADESH  
ARMED FORCES

INDONESIAN AIR FORCE  
& PDTI

## Customers By Territory



# ADS - Global Database

AVIATION & DEFENCE SPARES

Global product information is essential in the Aerospace industry where aircraft down-time is a very costly problem for your business... this is why technical product understanding coupled with the knowledge of where to get the right spare products, at the right price, is paramount, if you wish to keep your aircraft in the skies.

With over 30 years of product expertise coupled with one of the most advanced computer information systems that allows us to trace all Western equipment, including a product history and cross reference for both part and NATO stock numbers, plus all technical data that can be provided.



Also our fast global product database system allows you to check if we are holding a specific part or if we can source it for you through our global network.

**ADS** has been supplying all of our global customers, a fast efficient product service across diverse Military and Civil Aerospace requirements.



<https://aviationdefence.co.uk>



Visit our website



Visit our Parts Portal



## ESSENTIAL SERVICE & SUPPLY

Sourcing and traceability of global (OEM) parts  
Procurement for all areas of the aerospace industry  
Repairs and Overhaul service  
Specialising in avionics, electronics and airframe spares  
Ground equipment supply and support

Engines and equipment  
Product supply & support for Airwings and Armies worldwide  
Safety and security equipment supply  
All documents and licenses processed  
Customs and security clearances obtained worldwide

**ADS - A Quality Assured Global Service**

# ADS

AVIATION & DEFENCE SPARES



Visit our website



Download a .pdf  
version of our brochure



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