



HAECO Group is a leading Maintenance, Repair and Overhaul (MRO) group, cabin interior product Original Equipment Manufacturer (OEM) and cabin integration service provider.

The Group's comprehensive range of services encompasses four main areas: Airframe Services, Cabin Solutions, Component Services, and Engine Services. HAECO Group has over 70 years' experience of delivering aircraft engineering and maintenance solutions to airline customers around the world. The joining of HAECO Americas to the HAECO family in 2014 further extended its MRO operations from the Asia-Pacific region to the United States, as well as broadening its capabilities in design engineering, cabin integration, and the manufacturing of aircraft seats, monuments and other interior products. The Group provides airlines with dedicated one-stop services and solutions that can support aircraft throughout their entire life cycle. The HAECO team demonstrates technical expertise, operational excellence and a customer-centric attitude in everything they do, striving to offer services that are above and beyond our customers' expectations.

HAECO Group is a wholly-owned subsidiary of Swire Pacific Limited. The Group consists of 16 operating companies, employing around 15,000 staff in Hong Kong, Chinese Mainland, Europe and the United States.

Technical
Expertise

Operational
Excellence

"Can-do" Spirit

Integrity

Service
Innovation



Airframe Services

Airframe Services

HAECO Group provides airframe maintenance, cabin reconfiguration, and structural modification through its 28 hangars at seven locations in Hong Kong, Chinese Mainland, and the United States, with technical capabilities covering all common widebody, narrowbody, and regional commercial aircraft types. With a strong in-house engineering operation and long-standing relationships with Airbus, Boeing and other OEMs, a full suite of airframe services are offered through the Group's hangars, back-shops, paint bays and warehouse facilities around the world.

HAECO Group has extended its heavy maintenance capabilities to cover new generation aircraft types such as the Boeing 787 Dreamliner, Airbus A320neo and A350.

Freighter Conversion

Collaborating with OEMs, Supplemental Type Certificate (STC) holders and engineering companies, HAECO Group is a leading MRO for freighter conversions on major commercial aircraft types, including Airbus A321, Boeing 737, 757 and 777. Impeccable schedule integrity and rigorous quality assurance ensure excellent service delivery across the Group's hangars in Xiamen and Jinan in Chinese Mainland, as well as its facilities in the United States.

Line Services

HAECO Group provides line services to over 140 airlines at its 18 line services stations in Hong Kong, Chinese Mainland and the United States, handling over 100,000 flights annually. Comprehensive line services include transit checks and certification, defect clearance, engine on-wing services, cabin management, ramp services and round-the-clock AOG support.

Cabin Solutions

Cabin Solutions

HAECO Group provides turnkey cabin integration solutions that include design engineering, certification and vendor management, as well as reconfiguration and interiors installation services for commercial aircraft and private jets. The Group holds Federal Aviation Administration (FAA), European Union Aviation Safety Agency (EASA), Japan Civil Aviation Bureau (JCAB) and Hong Kong Civil Aviation Department (HKCAD) STCs for cabin interior modifications. As a holder of FAA Organisation Designation Authorisation (ODA), HAECO Cabin Solutions provides additional time-saving benefits to customers through the design and development process.

70⁺

Years of Excellence in Aircraft Engineering

1950s

Established in November 1950 by the merger of Swire's Pacific Air Maintenance & Supply Company (PAMAS) and Jardine Air Maintenance Company (JAMCo). In its first decade of operation, HAECO trebled its workforce and its turnover, introduced overhaul capability on turboprop aircraft and built its first engine test bed.

1960s

By 1965, HAECO was fully equipped to handle the Convair 880M jet aircraft introduced by Cathay Pacific Airways; in the same year, HAECO was floated on the Hong Kong stock market. In 1968, the company began construction of Asia's largest aircraft maintenance hangar.





As an authorised aircraft seat and cabin interior products OEM, the Group's facilities in the United States offer a complete range of cabin products including seats, galleys, lavatories and stowages. The Vector™ seating platform combines technological innovation and cohesive design to achieve exceptional comfort, weight savings and ease of maintenance. Vector™ can be selected for a full range of cabins, from single-aisle economy, to twin-aisle premium economy. The Eclipse™ cabin employs angled, offset seating technology and can be configured to maximise passenger places, privacy, and amenities without compromising seat width, pitch or egress. It can be installed at a traditional premium economy pitch range and is also available in a more traditional in-line configuration. The Group's extensive experience in aircraft Maintenance, Repair and Overhaul (MRO) provides customers with an additional layer of value across all of its cabin interior products and services.

Private Jet Solutions

HAECO Group operates the first Airbus-approved and Boeing-licensed private jet cabin completion centre in the Asia-Pacific region, specialising in design engineering, certification, vendor management, manual supplements, as well as post-modification support for executive and private jets.

Component Services

Component Services

HAECO Group operates purpose-built component workshops and AS9110 accredited component workshops in Hong Kong and Chinese Mainland that offer repair and overhaul of Line Replaceable Units (LRUs) and partners with OEMs to be their authorised repair station and distributor. Repair capabilities cover mechanical and avionics components for major Boeing and Airbus commercial aircraft types. The Group also provides repair and overhaul services and rotatable exchange support for landing gears at Xiamen, Chinese Mainland as well as aerostructures, including nacelles, radomes, flight control surfaces and engine fan case at Jinjiang, Chinese Mainland and Greensboro, NC, United States. Through the joint ventures with various OEMs, HAECO Group also provides other specific aircraft component repair and overhaul services covering wheels and brakes as well as APUs.

Inventory Technical Management

HAECO Group provides Inventory Technical Management (ITM) solutions ranging from flexible inventory pooling, Power-By-The-Hour (PBH) inventory management, to one-off loans, component trading and AOG support.

1970s

During the 1970s, HAECO broadened its capabilities to encompass a range of widebody aircraft and jet engine types, including L1011 TriStars and Rolls-Royce RB211 engines.

1980s

HAECO's high standards and rapid turnaround times on major overhaul contracts saw an increasing amount of business from international airlines, including its first aircraft conversion, upgrading a TriStar L1011-1 series to L1011-150.



1990s

The 1990s saw the formation by HAECO of Taikoo (Xiamen) Aircraft Engineering Company Limited (HAECO Xiamen), Hong Kong Aero Engine Services Limited (HAESL) – a joint venture with Rolls-Royce, and Taikoo (Shandong) Aircraft Engineering Company Limited (STAECO) in Jinan. In 1998, HAECO transferred its operational headquarters to a brand new HK\$1.4 billion facility at the new Hong Kong International Airport at Chek Lap Kok.



Engine Services

Engine Services

HAECO Group offers world-class repair, overhaul and testing services for Rolls-Royce Trent 700, 800 and XWB engines, through Hong Kong Aero Engine Services Limited (HAESL) which features the highest number of Component Repair Centres of Excellence (CoE) across the Rolls-Royce component repair global network, as well as for GE Aviation GE90-110/115B engines through HAECO Engine Services (Xiamen) (HES, formerly known as "TEXL") – an Authorized GE90™ Service Provider, GE90 Center of Excellence and the sole holder of a GE90 Branded Service Agreement (GBSA) in Asia.

Global Engine Support

HAECO Group provides 24/7 on-wing and off-wing engine support around the world from its facilities in Hong Kong, Amsterdam in the Netherlands, London in the U.K., and Dallas in the U.S. Services include full video boroscopes, lease return services, climatically-controlled engine storage and more.

Fleet Technical Management

HAECO Group offers tailor-made fleet technical and asset management services, including Integrated Fleet Management, Continuous Airworthiness Management,

Maintenance Support, Design and Certification, Operation Support, Technical Flight Data Management and Leasing Companies Support.

Parts Manufacturing

HAECO Group is a build-to-print manufacturer of airframe parts and spares for OEMs and aircraft manufacturers, offering machined parts, sheet metal parts and wire bundles. The Group holds a range of manufacturing process design and fabrication capabilities including NC programming, fixture design, multi-axis CNC machining with high precision, complex sheet metal forming and structural assembly.

Technical Training

HAECO Group provides training and examination services in Hong Kong, as well as in Xiamen and Jinan in Chinese Mainland to support the aviation industry's demand for aircraft engineering professionals. HAECO is a member of the "Training by Airbus" network to provide Airbus A320, A330 and A350 type training on behalf of Airbus, as well as the first MRO and Aircraft Maintenance Training Organisation (AMTO) in the Chinese Mainland equipped with the Boeing 787 training suite. The Group conducts over 2,000 training courses and trains more than 170,000 students annually.

2000s

HAECO Group further expanded its heavy maintenance capacities in Hong Kong and Xiamen. The Group established a presence in Chengdu, and formed strategic joint ventures, including Taikoo (Xiamen) Landing Gear Services Company Limited, HAECO Composite Structures (Jinjiang) Company Limited and Taikoo Engine Services (Xiamen) Company Limited (TEXL) to further strengthen its position as a one-stop-shop aeronautical engineering group.



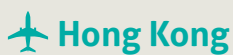
2010s

HAECO Xiamen opened its sixth hangar. HAECO Group formed Shanghai Taikoo Aircraft Engineering Services Company Limited to provide line maintenance services in Shanghai and Nanjing. HAESL in Hong Kong opened its Phase V Component Repair Centre of Excellence and Phase VI engine overhaul facility. HAECO ITM Limited, a joint venture with Cathay Pacific Airways, was formed to provide Inventory Technical Management services in Hong Kong. HAECO Cabin Solutions was established to further enhance the Group's capabilities in cabin completion and reconfiguration projects for VIP and commercial aircraft. The Group acquired TIMCO Aviation Services Inc. in the USA, creating one of the world's leading providers of aircraft maintenance, repair and overhaul services and aircraft interior products and services. In November 2018, HAECO became a wholly-owned subsidiary of Swire Pacific.

HAECO Group Capabilities

Aircraft Type	EASA		FAA		HKCAD		CAAC		Bermuda CAA		Canada TC	
	Base Services	Line Services	Base Services	Line Services	Base Services	Line Services	Base Services	Line Services	Base Services	Line Services	Base Services	Line Services
A300-600	✈	✈	✈	✈		✈ ✈				✈		✈
A310	✈		✈	✈		✈						✈
A318	✈ ✈ ✈	✈ ✈	✈		✈	✈	✈		✈ ✈ ✈ ✈	✈ ✈		✈
A319	✈ ✈ ✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈	✈	✈	✈ ✈	✈	✈ ✈ ✈ ✈ ✈ ✈	✈ ✈		✈
A320	✈ ✈ ✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈	✈ ✈	✈ ✈	✈ ✈	✈ ✈	✈ ✈ ✈ ✈ ✈ ✈	✈ ✈		✈
A320neo					✈ ✈	✈ ✈ ✈	✈	✈			✈	
A321	✈ ✈ ✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈		✈
A330	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈	✈ ✈	✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈		
A340	✈ ✈ ✈ ✈				✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈		
A350	✈ ✈ ✈	✈ ✈ ✈			✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈		✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈		
A380	✈ ✈ ✈	✈ ✈ ✈				✈ ✈ ✈			✈ ✈ ✈ ✈ ✈ ✈			
737	✈		✈									✈
737-200	✈		✈					✈				
737-300	✈		✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈		✈ ✈	✈ ✈ ✈	✈		✈		✈
737-400	✈		✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈		✈ ✈ ✈	✈ ✈ ✈	✈		✈		✈
737-500	✈		✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈		✈ ✈ ✈	✈ ✈ ✈	✈		✈		✈
737NG	✈ ✈ ✈		✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈		✈
747 Classics			✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈				
747-400	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈		
747-8	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈		
757	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈		✈
767	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈		✈
777	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈		✈
787		✈ ✈ ✈ ✈	✈ ✈ ✈ ✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈	✈ ✈ ✈ ✈		✈ ✈ ✈ ✈		
MD11	✈	✈ ✈ ✈	✈	✈ ✈		✈ ✈				✈ ✈ ✈		✈
MD80 / 90	✈		✈									✈
DC-9	✈		✈									✈
DC-10	✈		✈									✈
DHC-8								✈				
CL-600			✈			✈		✈ ✈		✈		
SAAB340B								✈				
BD-700-1A10			✈					✈ ✈		✈		
G450								✈ ✈				
G550								✈				
ERJ170						✈		✈				
ERJ190			✈					✈		✈		
CRJ200 / 700 / 900								✈ ✈				
ARJ21-700								✈				

Capabilities of the HAECO Group include but not limited to major aircraft types as listed above.



The Group also has approvals for aircraft cabin design and products as well as for airframe, engine and component maintenance from regulatory authorities across Asia, Africa, the Americas, Australia, the Caribbean and the Pacific, including: Aruba, Australia, Azerbaijan, Bailiwick of Guernsey, Bermuda, Brunei, Canada, Cayman Islands, China, European Union, Fiji Islands, Hong Kong SAR, India, Indonesia, Israel, Japan, Jordan, Kazakhstan, Korea, Macau SAR, Malaysia, Mauritius, Pakistan, Papua New Guinea, The Philippines, Qatar, Saudi Arabia, Singapore, South Africa, Sri Lanka, Taiwan, Thailand, Turkey, United Arab Emirates, U.S.A. and Vietnam.

Cabin Reconfiguration / Modification

Winglet Modification

- Boeing 737, 757, 767

Freighter Conversion

- Airbus A321 using Precision STC
- Boeing 737-800 using Boeing SBs & AEI STC
- Boeing 757-200 using Precision STCs

Cabin Seats & Products

- Passenger seats (Boeing and Airbus approved)
- Lavatories, galleys and other monuments
- Fully certified, on-site testing laboratory (static, cycle, flammability, prototype workshop and complete test sled)
- FAA repair station
- FAA production approval holder

Design & Engineering

Approvals:

- FAA STC and PMA ODA
- HKAR-21 DOA
- SAR-21 DOA
- CAAC DMDOR
- EASA-21J DOA

QMS Accreditations:

- ISO 9001
- AS9100

Private Jet Solutions

- Airbus approved and Boeing licensed VIP cabin completion centre for executive and private jets

Engine Services

Engine overhaul at HAESL and HES:

- Rolls-Royce RB211-524 and Trent 700, 800, XWB-84 and XWB-97
- GE Aviation GE90 series

Global Engine Support

Engine maintenance, inspection, repair, modification, servicing, and preservation:

Asia

- Rolls-Royce RB211 series, Trent 700, 800, 900, 1000, XWB
- GE Aviation CF6 series, GE90 series, GEnx series
- Pratt & Whitney PW4000 series
- CFM International CFM56-3/5/7
- International Aero Engines V2500 series

Americas

- Rolls-Royce AE3007 series, Tay, Spey
- GE Aviation CF6 series, CF34 series, GE90 series, GEnx series
- Pratt & Whitney Canada PT6, JT15D, PW100/200/300/500
- Pratt & Whitney PW1100G/1500G, PW2000/4000 series
- CFM International CFM56-3/5/7, Leap 1A/1B
- International Aero Engines V2500 series
- Honeywell TFE

Europe

- Rolls-Royce Trent 700, 800, 900, 1000, XWB
- CFM International CFM56 series
- International Aero Engines V2500

Component Repair / Overhaul

- Avionics: ATE Tested Components, Breathing Oxygen System, Cabin Communications, Communication System, Computers, Controllers, Electric Motors / Fans / Actuators, Electrical Modules, Electrical System, Instrument, Lighting Equipment, Navigation System, Recorders, Transmitters / Receivers
- Fuel: Fuel Microbiology Test
- Hydraulic: Hydraulic Actuator, Hydraulic Fuses, Hydraulic Pump, Hydraulic Valves, Power Control Units
- Lavatory Equipment: Faucet, Tank, Vacuum Toilet
- Mechanical: Actuators, Cargo Handling System, Gear Box, Heat Transfer Equipment
- Passenger / Cargo Cabin: Battery / Chargers, Cargo Handling Equipment, In-Flight Entertainment
- Galley Equipment: Equipment, Trash Compactors, Waste System Components, Water System Components
- Pneumatic: Air Motor, Engine Starter, Pneumatic Valve, Ram Actuator

- Safety: Emergency Accessories, Fire Extinguishers, Life Raft, Oxygen Equipment, Reservoirs, Slide Raft
- Hydrostatic Test Facility Approval: • U.S.A. DOT
- QMS Accreditations: • ISO 9001
• EN 9110 / AS9110 / JISQ 9110

Landing Gear Repair / Overhaul

- Airbus A320
- Boeing 737-300/400/500/600/700/800/900/900ER
- Boeing 747-200/300
- Boeing 747-8/400P/400F/400ER/ERF
- Boeing 757-200/300
- Boeing 767-200/300/300ER
- Boeing 777-200/300/200ER/200F/300ER
- Boeing 787
- Embraer E190/E195

Composite Repair / Overhaul

Airbus:

- A300-600F – CF6-80C2: NC, FC, TR, EN
- A320-Family – CFM56-5B: NC, FC, TR, EN
- A320-family – V2500A5: NC, FC, TR, CAN
- A330-Series – Trent700: NC, FC, TR, CAN
- A320-Family & A330-Series: Flight Control Surfaces
- All Airbus aircraft models: Radome

Boeing:

- 737NG – CFM56-7B: NC, FC, TR, EN
- 737MAX – CFM56Leap-1B: NC, FC, TR, EN
- 747 – CF6-80C2: NC, FC, TR, EN
- 747-8 – GEnx-2B: NC, FC, TR
- 767 – CF6-80C2: NC, FC, TR, EN
- 777 – Trent 800: NC, FC, TR
- 777 – GE90: NC, FC, TR
- 777 – PW4000: NC, FC, TR
- MD11 – CF6-80C2: NC, FC, TR, EN
- 737, 747, 767, 777, 787: Flight Control Surface
- 737, 747, 767, 777, 787: Radome

Wheels & Brakes Repair / Overhaul

- Boeing 737, 747, 757, 767, 777, 787
- Airbus A300, A310, A320, A321, A330, A340
- Embraer ERJ135, 145
- Bombardier CRJ100, CRJ200, CRJ700

Aircraft Parts Production & Manufacturing

Approvals:

- HKAR-21 POA
- EASA POA

QMS and Process Accreditations:

- ISO9001:2015
- AS9100D / EN9100:2016
- Nadcap (Chemical Processing, Heat Treating, NDT, Surface Enhancement)

Calibration & Testing Accreditation:

- CNAS ISO / IEC17025
- Obtained the approval letter from civil aviation fuel testing unit certified by CAAC

Maintenance Training & Examination

Approvals:

- HKAR-147
- CCAR-147
- EASA Part-147

Examination:

- HKCAD Aircraft Maintenance Basic Licence Examination Site
- CAAC Aircraft Maintenance Basic Licence Examination Site
- EASA Aircraft Maintenance Basic Licence Examination Site

Aircraft Painting

Non Destructive Testing (NDT)

Calibration Laboratory (CALMET)

- HOKLAS accredited laboratory; Mutual Recognition Arrangement through APLAC on traceability of standards
- Obtained ISO/IEC 17025 accreditation certified by International Accreditation Service (IAS)

HAECO Group Portfolio



Airframe

	Hong Kong	Chinese Mainland	Americas	Europe
Base Maintenance	●	●	●	
Line Maintenance	●	●		
Private Jet Solutions		●		



Cabin

Cabin Solutions	●	●	●	●
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Component

Repair & Overhaul Operations	●	●	●	
Inventory Technical Management	●			



Engine

Repair & Overhaul Operations	●	●		
On-wing & Near-wing Services	●	●	●	●



Technical Training

Technical Training	●	●		
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Parts Manufacturing

Parts Manufacturing		●		
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