Air Transport Aftermarket

Repair & Overhaul | Honeywell Aerospace Trading
Honeywell Asia-Pacific Repair & Overhaul Sites

Honeywell Aerospace has 7 Asia Pacific aftermarket sites, located in 4 regions: China, Singapore, New Zealand and the Philippines.

Capabilities
- A300 / A310 / A319 / A320 / A330 / A340
- 737 / 747 / 757 / 767 / 777
- CRJ2 / CRJ700
- ERJ145

Boeing
- 777s - GTCP 331500
- 737NG - GTCP 1319B
- 757 / 767 - GTCP 331200s
- 727 / 737 Classics - GTCP 85
- MD90 - GTCP 1319D

Components
- Valves, ATS, ACM, Heat Exchangers serving both Airbus and Boeing platform

Airbus
- A340500 - GTCP 331600
- A330 / A340 - GTCP 331350
- A320s - GTCP 1319A

Avionics - Loyang Crescent, Singapore

Capabilities
- AIMS / AIMSII
- IRS / ADIRS / ADIRU
- Flat Panel Display / Displays Units
- TCAS / Mode S Transponder
- Weather Radar
- Recorders / SSCVR / SVSDR
- SATComs
- Flight Management Systems
- EGPWS
- AOA / LGG Fan / Waste Management

Mechanical & Auxiliary Power Units - Gul Circle, Singapore

Capabilities
- GTCP85 Series
- GTCP331200/250
- GTCP1319B
- 1319A/B
- SCAS
- APU Accessories
- ATS / ACM / Valves
- Heat Exchangers
- A320 / A330 / A340
- 737 / 747 / 757 / 767

Wheels & Brakes - Shanghai, China

Capabilities
- A320 / A310 / A319 / A320 / A330 / A340
- 737 / 747 / 757 / 767 / 777
- CRJ2 / CRJ700
- ERJ145

Avionics - Shanghai, China

Capabilities
- Flight Control Computer
- Flight Management System
- Display Electronic Unit
- TCAS, including TPA100 (coming soon)
- EGPWS
- DFDAU
- Weather Radar, including RDR4000 (coming soon)
- Recorder
- Lighting

Mechanical & Auxiliary Power Unit - Xiamen, China

APU
- GTCP85 Series
- GTCP331200/250
- GTCP1319B
- 1319A/B

Heat Exchangers
- CFM567 for B737 NG

131-9A/B - Air New Zealand - APU Overhaul & Maintenance Facility, Christchurch, NZ

Capabilities
- Flight Control Computer
- Flight Management System
- Display Electronic Unit
- TCAS, including TPA100 (coming soon)
- EGPWS
- DFDAU
- Weather Radar, including RDR4000 (coming soon)
- Recorder
- Lighting

Wheels & Brakes - Subic Bay, Philippines

Capabilities
- A320 / A310 / A319 / A320 / A330 / A340
- 737 / 747 / 757 / 767
- DC10 / MD11
**COMPARISON WITH OTHER REPAIR & OVERHAUL SERVICES**

<table>
<thead>
<tr>
<th>Overseas Maintenance</th>
<th>Third-party Maintenance</th>
<th>OSS Local Service</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Costs</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Honeywell global labor hour cost</td>
<td>• Generally catalog material costs</td>
<td>• Local labor hour cost is typically lower than Honeywell global labor hour cost; Fixed labor hours; Preferential material costs to airlines</td>
</tr>
<tr>
<td>• Fixed labor hours</td>
<td>• Costs 1.5-2 times Honeywell cost</td>
<td></td>
</tr>
<tr>
<td>• Preferential material costs to airlines</td>
<td></td>
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</tr>
<tr>
<td><strong>Turnaround</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Relatively long, usually over 45 days</td>
<td>• Generally over 45 days due to technical, materials and other problems</td>
<td>• 14 days for Boeing parts; 10 days for Airbus parts; AGO services available</td>
</tr>
<tr>
<td><strong>Materials</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• All aerospace materials from Honeywell OEM sites</td>
<td>• Source of aerospace materials cannot be guaranteed</td>
<td>• All aerospace materials from Honeywell OEM sites; Guaranteed highest priority from global material stock</td>
</tr>
<tr>
<td>• However, unable to guarantee priority from global material stock</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Claims</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Honeywell global claims coverage</td>
<td>• Claims not provided by Honeywell</td>
<td>• Honeywell global claims coverage</td>
</tr>
<tr>
<td><strong>Quality</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Honeywell designed and produced products; Reliable maintenance quality</td>
<td>• Quality cannot be guaranteed due to potential issues, such as technique and materials</td>
<td>• Honeywell designed and produced products; Reliable maintenance quality</td>
</tr>
<tr>
<td><strong>Modifications</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• For Honeywell designed and manufactured products; professional advice available on modification status</td>
<td>• No knowledge on specific purposes of modifications; Lack of technical information, raw materials, etc.</td>
<td>• For Honeywell designed and manufactured products; professional advice available on modification status</td>
</tr>
</tbody>
</table>

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**Key Program Benefits**

- High quality new and reconditioned equipment
- Broad spectrum of avionics, mechanical components, APU’s and wheels and brakes
- Availability of rare and hard-to-find parts
- Competitive pricing
- Short lead time
- Reduced cost of ownership

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4 Contact Honeywell for limited warranty terms and conditions.
Possibilities of Trading. Made Easy.

Serving the broad needs of the commercial air transport, business and general aviation, and defense industries, as well as original equipment manufacturers (OEM) and aircraft maintenance providers, Honeywell Aerospace Trading (HAT) delivers exclusive product knowledge and global support to meet your current and future equipment requirements.

With our extensive inventory of new surplus and reconditioned Honeywell and other OEM equipment, we provide you with more choices, faster service, and increased value.

2001
– Formed in 2001 to support sales of excess and surplus new parts from OEM shops HAT has grown to a professional trading organization, globally supporting all aerospace customers with high quality overhauled and reconditioned materials for current generation and in-production aircraft.
– Our global team is dedicated to responding quickly and efficiently to you wherever you need us most.
– Single point for all Honeywell pre-owned equipment including high demand parts for avionics, lighting, mechanical, APU’s, engines and wheels and brakes.
– Buy back program for pre-owned Honeywell equipment and spares stock.
– HAT can assist with BTO/replace options or core buyback.
– Pre-owned equipment is subject to a rigorous AS9100 certified protocol.
– Quality assurance is fully integrated in HAT’s strategy to ensure peace of mind for our worldwide customers. Every single product we sell meets international standards of quality and safety.
– HAT’s extensive inventory of surplus parts are held at strategic warehouses around the world in order to help you to find what you need and deliver quickly wherever you are located.
– Equipment is available for immediate purchase from Honeywell owned inventory.
– Shorter lead times for difficult to source and immediately required components available from stock.

TODAY
– HAT provides pre-owned parts to all aviation customers including airline, business, regional helicopter and military aviation.
– Customers are at the center of all our activities. Continuous improvement of your satisfaction is part of HAT’s culture meaning we can provide you with operational excellence, short lead times, increased efficiency and minimized downtime.

GLOBAL TEAM
– Global AOG support around the world.

GLOBAL SUPPORT & SERVICES
– Worldwide support and services.

ABOUT HAT
– HAT is the preeminent international aerospace equipment trading company.
– HAT specializes in the sourcing, sale and delivery of surplus spares.

GLOBAL FOOTPRINT
– Strategic warehouse locations worldwide.

QUALITY & SAFETY
– Equipment is provided with Honeywell OEM documentation (FAA-8130, EASA, CAAC, certain parts), certificate of conformity (DJ574 or equivalent).
– Equipment is subject to a rigorous AS9100 certified protocol.

THE EQUIPMENT
– Every piece of equipment is subject to a rigorous AS9100 certified protocol.
– Our global support team is dedicated to responding quickly and efficiently.
– Equipment is available for immediate purchase from Honeywell owned inventory.

AVAILABLE FOR YOU
– Equipment is available for immediate purchase from Honeywell owned inventory.

CUSTOMER CARE
– Customers are at the center of all our activities. Continuous improvement of your satisfaction is part of HAT’s culture meaning we can provide you with operational excellence, short lead times, increased efficiency and minimized downtime.

EQUIPMENT
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ALIGNING WITH OUR CUSTOMERS TO EXCEED EXPECTATIONS
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FROM NOSE TO TAIL
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WORLDWIDE SUPPORT & SERVICES
– Worldwide support and services.

GLOBAL TEAM
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2001

TODAY