



## PRICE LIST

---

**Elevate your MRO experience with us**

## LABOUR RATE FOR AIRCRAFT MAINTENANCE

LABOUR TYPE	UNIT	AIRCRAFT	RATES (US Dollars)
Base maintenance service	Man-hour	Narrow body (Boeing 737NG / Airbus A320 Family)	55
		Wide body (B747-400, B777)	65
Engineering support	Man-hour	All aircraft types	100
Non-Destructive Testing (NDT)	Man-hour	All NDT method	135
Painting	Man-hour	All aircraft types	45
Structure and repair works	Man-hour	All aircraft types	80
Structure shop	Man-hour	All aircraft types	80
Composite shop	Man-hour	All aircraft types	90
Component shop*	Man-hour		70
Lathe machining	Man-hour	All aircraft types	80
CNC machine (fabrication of part)	Man-hour	All aircraft types	350
Overtime surcharge**			2x

### Notes:

- \* - See Component Capability List
- \*\* - Overtime surcharge shall be applied to overtime works and is subject to prior approval by the Customer.

### Handling charges:

DESCRIPTION	RATES US Dollars (VAT excluded)
Subcontracted work	Landed cost*+15%
Material supplied by GAES	Landed cost*+15%
Customs clearance	\$100 per AWB

### Notes:

- \* - Landed cost includes the purchasing price of materials or services, transportation fees, customs, duties, taxes, tariffs, insurance, currency conversion, crating, handling and payment fees.

## ON-CALL MAINTENANCE SERVICE FOR ALL AIRCRAFT TYPES

SERVICE	UNIT	RATES (US Dollars)
On-call	1 call	500
Additional works	Man-hour	80

### Notes:

- Fixed price includes defect rectification up to 1 MHRs;
- The aircraft shall be released in according with EASA certification.

## FIXED PRICES FOR MAINTENANCE SERVICE

SERVICE	UNIT	RATES (US Dollars)		
		Boeing 737NG / Airbus A320 Family	Boeing 747-400	Boeing 777
Transit check	Per check	400	1,000	800
Daily check	Per check	800	1,200	1,000
Weekly check	Per check	Upon Customer Request		
A-Check	Per check	Upon Customer Request		
C-Check	Per check	Upon Customer Request		
D-Check	Per check	Upon Customer Request		
NLG wheel replacement	Per event	550	700	700
MLG wheel replacement	Per event	650	900	900
Brake replacement	Per event	1,050	1,400	1,400
Auxiliary Power Unit (APU) Replacement	Per event	4,500	5,000	5,000
Landing Gear replacement (per leg)*	Per event	18,000	35,000	35,000

SERVICE	UNIT	RATES (US Dollars)		
		Boeing 737NG / Airbus A320 Family	Boeing 747-400	Boeing 777
Landing Gear replacement (Ship-Set)*	Per event	53,000	150,000	101,000
Aircraft weighing	Per event	7,500	12,000	12,000
APU full video BSI	Per event	6,500	6,500	6,500
Engine full video BSI	Per event	4,200	5,200	5,200
Engine water wash	Per event	1,700	1,700	1,700
Aircraft exterior wash	Per event	4,500	6,500	6,500
Aircraft technical wash	Per event	7,000	13,000	13,000
Aircraft interior cabin cleaning	Per event	5,300	9,700	9,700

**Notes:**

- The following fixed prices include Materials & MHs for the routine task only;
- Any defect rectification, Materials & MH will be charged to the customer on Time & Material basis;
- \* - Hangar space shall be applied should the Landing Gear Replacement be a standalone maintenance event;
- Aircraft exterior wash includes fuselage, wings (only exposed surfaces), vertical stabilizer, horizontal stabilizer;
- Aircraft technical wash includes landing gear, wheel well area, wings leading edges (slats), wings trailing edges (flaps). Materials are fully chargeable;
- General interior cleaning includes vacuuming carpets, overhead bins. Materials are fully chargeable;
- Deep interior cleaning includes vacuuming carpets, overhead bins, seat fittings, meal trays, vacuuming seat covers, galley and lavatories.

## ENGINE REPLACEMENT

ENGINE TYPE	UNIT	RATES (US Dollar)
CFM56, V2500, LEAP-1A	Per Event	18,000
, GE90, Trent 800	Per Event	28,000
CF6-80, PW4000	Per Event	28,000

### Notes:

- The fixed price includes:
  - Removal and replacement of one full QEC engine;
  - Removal and reinstallation of the engine nose cowl;
  - Post installation function checks IAW AMM;
  - Hangar space or engine change shelter for 1 day;
  - Certification of the above work performed.

- Special condition shall be applied:

GAES shall provide necessary infrastructure and tooling limited to the engine change, as well as the usage of the hangar or engine change shelter up to 36 hours shall be included in the fixed price. Whatever is not included (such as but not limited to engine de-preservation and preparation, additional aircraft moves, any component removal and reinstallation from the engines off to the engines on, usage of engine stands, any consumables or expendables) shall be provided by the customer or charged on a time and material basis. GAES accepts no liability for the confirmation of the engines being secured on lorries for transport before shipping. The customer shall ensure they are satisfied with the load being secured.

## HANGARAGE RATES

AIRCRAFT TYPE	UNIT	RATES (US Dollars)	
		Wide body (B747-400, B777)	Narrow body (Boeing 737NG / Airbus A320 Family)
Hangar Rent (GAES Manpower was used)	Per Day	4,000	2,500
Hangar Rent (without the use of GAES Manpower)	Per Day	7,000	5,000
AOG Situation	Per Day	15,000	7,500

### Notes:

- The Day is the standard unit of measurement.
- Charges will apply for each full or partial day, with any fraction of a day rounded up to the next full day.



## STORAGE RATES

SERVICE	UNIT	RATES (US Dollars)
Storage space for tooling, equipment and/or materials excluding large components, i.e. engine, landing gear, seats, etc.	per sq. m. per day	25
Storage space for large components such as but not limited to engines, landing gear, seats, etc.	per unit per day	upon request

## TOOLING AND EQUIPMENT LOAN

Loan of equipment and tooling, the rate shall be calculated per the follows:

Fixed Charge	5% of tool cost
Administrative Charge	\$200
Loan Charge for 1 day	1% of tool cost or \$250 whichever is higher

Total Loan Charge = Fixed Charge + Administrative Charge + Loan Charge \* Loan Days

Additional Loan Days shall be charged as per below basis:

1-10 Days	1% of tool cost or \$250 whichever is higher for each additional loan day
11-30 Days	1.5% of tool cost or \$250 whichever is higher for each additional loan day
31st Day Onwards	3% of tool cost or \$250 whichever is higher for each additional loan day

## GROUND SUPPORT EQUIPMENT AND OTHER SERVICES

SERVICE	UNIT	RATES (US Dollars)	RATES (US Dollars) (Beyond GAES standard working hours)
Aircraft tripod jacks (set)	Per hour	250	375
Axle jack	Per hour	220	330
Air start unit	Per use	250	375
Ground power unit	Per hour	250	375
Ladders (any size)	Per hour	130	200
Cherry picker (with operator)	Per hour	200	300
Man lift/Scissor lift (wide, with operator)	Per hour	320	480
Fork Lift (with operator)	Per hour	250	375
Mobile Crane (with operator)	Per hour	400	600
Towing Assistance (brake operator)	Per man-hour	200	350
Nitrogen Trolley (without operator)	Per event	160	240
Wheel Check Equipment	Per hour	200	300
Generator	Per hour	100	150
Fuel Drain Trolley	Per hour	150	225
Air Compressor	Per hour	100	150
Air Condition Unit	Per hour	150	225

### Notes:

- GAES standard working hours of operation:
  - Sunday-Thursday: 08:00 – 18:00,
  - Friday: 08:00 – 12:00.

## COMPONENT SERVICES

### BRAKES SERVICES

NO	PART NUMBER	DESCRIPTION	AIRCRAFT TYPE	RATES (US Dollars)	
				OH	RP
1	C20225508 C20225509 C20225510	Brake Assy	A318, A319, A320	2,100	1,100
2	2-1474-5/-7	Brake Assy	B737	2,550	1,350
3	2-1515-1 2-1515-2 60B10062-11 60B10062-12	Carbon Brake Assy	B747-400	2,300	1,350
4	2-1740 2-1740-1	MLG Brake Assy	B737-NG	2,100	1,100
5	2606672-1 2606672-2 2606672-3 2606672-4	Main Brake Assembly	B737-CL	2,550	1,350
6	C20210500-1 C20210500-2 C20210500-3 C20210500-4 C20210500-5 C20210500-6 C20210500-7 C20210500-8 C20210500-9	Brake Carbon	A300, A310	2,300	1,350
7	2-1693-1 2-1693 S294W512-321 S294W512-320	Main Landing Gear Carbon Brake Assy	B777	2,300	1,350
8	2-1628 S168U200-310	MLG Brake Assy	B747-400	2,550	1,350
9	2605662-1 2605662-2 2605662-3 2605155-1 2605155-2 2605662-20	Main Brake Assembly	B747-200/300	2,30	1,350
10	2-1566	BRAKE ASSY, MLG	B777	2,550	1,350



## BATTERIES SERVICES

NO	PART NUMBER	DESCRIPTION	AIRCRAFT TYPE	OH	RATES (US Dollars)	
					PERIODIC CHECK	REGULAR CHECK
1	539CH-1 024147-000 BA35-01 S282T003-1 5319CH-1 025920-000 BA35-02 S282T003-4	AIRCRAFT BATTERY	B737-CL/NG, B747, B757, B767	950	400	650
2	539CH-2	AIRCRAFT BATTERY	B737-NG, B747-400, B767, B757-200/300	950	400	650
3	2520	AIRCRAFT BATTERY	A300F4-600R	950	400	650
4	2758	AIRCRAFT BATTERY	A319, A320, A321	950	400	650
5	2778-4	AIRCRAFT BATTERY	ATR42, ATR72	950	400	650
6	4078-2 / 40678-2	AIRCRAFT BATTERY	ATR42, ATR72	950	400	650
7	4078-8	AIRCRAFT BATTERY	Fokker F27Mk050	950	400	650
8	4579 BA06-01 S282T002-1 018550-000	AIRCRAFT BATTERY	B737, B747, B757, B767	950	400	650
9	40176-4 015920-000 016392-000 40176-7	AIRCRAFT BATTERY	B737, B747	950	400	650
10	1656-6	AIRCRAFT BATTERY	ATR42, ATR72	950	400	650
11	1658-6	AIRCRAFT BATTERY	ATR42, ATR72	950	400	650
12	4078-17	AIRCRAFT BATTERY	ATR42, ATR72	950	400	650
13	405CH	AIRCRAFT BATTERY	A330, A340	950	400	650

NO	PART NUMBER	DESCRIPTION	AIRCRAFT TYPE	OH	RATES (US Dollars)	
					PERIODIC CHECK	REGULAR CHECK
14	505CH	AIRCRAFT BATTERY	A340-500/600	950	400	650
	605 A		A300,			
15	605 B	AIRCRAFT BATTERY	A300-600, A310, B747-200/300	950	400	650
16	23180 23186	AIRCRAFT BATTERY	B727, B737	950	400	650
17	43B050LB01	AIRCRAFT BATTERY	DC-10, MD-11 (Boeing Douglas)	950	400	650
18	1756-1 1756-3	AIRCRAFT BATTERY	CL-600, CL-604	950	400	650
19	257CH-9 024054-000	AIRCRAFT BATTERY	Bombardier, Canadair	950	400	650
20	427CK-1 024055-000	AIRCRAFT BATTERY	Bombardier, Canadair	950	400	650
21	605C01 416541 S281W205-1	AIRCRAFT BATTERY	B777	950	400	650
22	442CH1	AIRCRAFT BATTERY	Embraer 135	950	400	650
23	4078-3 4078-24 40178-24 40178-26	AIRCRAFT BATTERY	B737, B747, B757, B767	950	400	650
24	2013-1 2013-1A	AIRCRAFT BATTERY	B737, B747, B757, B767	950	400	650

## WHEELS SERVICES

NO	PART NUMBER	DESCRIPTION	AIRCRAFT TYPE	OH	RATES (US Dollars)		
					RP	BUILD-UP	INSPECTION
1	3-1664	Main Wheel Assy	B747-8/8F	1,300	700	350	175
2	3-1558 10-62237-7	Main Wheel Assy	B737-NG	1,200	600	350	175
3	3-1563 3-1563-1	Main Wheel Assy	BD-700	1,200	600	350	175
4	3-1599	Main Wheel Assy	BD-700	1,200	600	350	175
5	S168U200-330 3-1597	Main Wheel Assy	B747-400	1,300	700	350	175
6	3-1692-1	Main Wheel Assy	A320 NEO	1,200	600	350	175
7	3-1484	MLG Wheel Assy	B737	1,200	600	350	175
8	3-1439-5 3-1439-6	MLG Wheel Assy	B737	1,200	600	350	175
9	3-1674	MLG Wheel Assy	B737-NG/MAX	1,200	600	350	175
10	3-1479-1 3-1479-2	MLG Wheel Assy	B747-400	1,250	700	350	175
11	3-1438 3-1438-1	NLG Wheel Assy	B737	1,150	500	350	175
12	3-1619 S294W522-360	NLG Wheel Assy	B777	1,250	600	350	175
13	3-1559	NLG Wheel Assy	B737-NG/MAX	1,150	500	350	175
14	3-1531 3-1531-1 3-1531-2 3-1531-3	NLG Wheel Assy	A318, A319, A320, A320 NEO, A321, A321 NEO	1,150	500	350	175
15	3-1670	Nose Wheel Assy	B747-8/8F	1,250	600	350	175
16	3-1560	Nose Wheel Assy	BD-700	1,150	500	350	175

NO	PART NUMBER	DESCRIPTION	AIRCRAFT TYPE	OH	RATES (US Dollars)		
					RP	BUILD-UP	INSPECTION
17	3-1666 S294W512- 381	Main Wheel Assy	B777	1,250	700	350	175
18	2607081-1 2607081-2 2607081-3	Main Wheel Assy	B747-200	1,250	700	350	175
19	2609801-1	Main Wheel Assy	B737-400	1,150	600	350	175
20	2603561-3; 2603561-4; 2603561-5; 2603561-7; 2603561-9; 2603561-10; 2603561-11; 2603561-12; 2603561-13; 2603561-15; 2603561-50 2603561-14 2603561-16 2603561-51 2603561-52	Main Wheel Assy	B747-200	1,250	700	350	175
21	2606671-1/- 2/-3	Main Wheel Assy	B737-CL	1,150	600	350	175
22	2607825 2607825-1 2607825-2	Nose Wheel Assy	B737- CL/NG	1,150	500	350	175
23	2612311-1	Main Wheel Assy	B737- NG/BBJ	1,150	600	350	175
24	C20211102-3	Main Wheel Assy	A300, A310	1,250	700	350	175
25	C20195162	Main Wheel Assy	A318, A319, A320	1,150	600	350	175

NO	PART NUMBER	DESCRIPTION	AIRCRAFT TYPE	OH	RATES (US Dollars)		
					RP	BUILD-UP	INSPECTION
26	C21928						
	C21928-1						
	286351						
	286351-1						
	286351001-1						
	286351001-2						
	286351003						
	286351003-1						
	286351003-2						
	286351003-3						
	286351003-100	Nose Wheel Assy	A300, A310	1,250	600	350	175
	286351003-101						
	286351003-102						
	286351003-103						
	286351-2						
	286351002-1						
	286351002-2						
27	286351007-1	Nose Wheel Assy	A300, A310	1,250	600	350	175
28	286351005	Nose Wheel Assy	A300, A310	1,250	600	350	175
	286351005-1						
29	3-1618	Main Wheel Assy					
	S294W512-380		B777	1,250	700	350	175
30	C20211150						
	C20211150-1						
	C20211150-2						
	C20211150-3						
	C20211151	Wheel Assy	A300, A310	1,250	700	350	175
	C20211151-1						
	C20211151-2						
	C20211151-3						
	C20211160						
	C20211161						

NO	PART NUMBER	DESCRIPTION	AIRCRAFT TYPE	OH	RATES (US Dollars)		
					RP	BUILD-UP	INSPECTION
31	C20195150	Wheel Assy	A300, A310, A318, A319, A320	1,150	600	350	175
	C20195150-1						
	C20195150-2						
	C20195150-3						
	C20195150-4						
	C20195150-5						
	C20195151						
	C20195151-1						
	C20195151-2						
	C20195151-3						
	C20195151-4						
	C20195151-5.						
32	3-1540	Main Wheel	B777	1,250	700	350	175
	294W5101-302						
33	3-1535	NLG Wheel	B777	1,250	600	350	175
	3-1535 OPT1 S294W522-320						
34	C20500100	Main Wheel Assembly	A320	1,150	600	350	175



## **GENERAL**

The prices contained in this list apply exclusively to non-contracted customers.

Customers operating under an existing General Terms of Agreement for Aircraft Maintenance shall be invoiced according to the specific rates stipulated in respective contract.

All listed prices are exclusive of applicable taxes (VAT), special handling.

GAES has the full rights to modify at any time this Price list without any prior notice.

Actual latest revision can be found on <https://gaes.ae>

## **CONTACTS**

### **Location**

Sharjah Airport International Free Zone  
P6-025, P.O. Box 513783  
Sharjah, United Arab Emirates

**Website:** <https://gaes.ae>

**E-mail:** commercial@gaes.ae