

Maintenance Quote

Quote demo-4e28559ea846 · Generated April 14, 2026 · Valid until May 14, 2026

Customer	Gulf Coast Helicopters
Aircraft	Bell 407
Tail Number	N407GC
Inspection	100-Hour Inspection

Task / Description	Hours	Parts	Total
Engine Controls	3.5	\$473.91	\$911.41
76-10-00-001 Perform engine control rigging check including FCU and governor adjustment	2.5	\$198.57	\$511.07
76-20-00-001 Inspect fuel control unit mounting, linkage, and fuel lines	1.0	\$275.34	\$400.34
Engine Oil System	2.0	\$404.75	\$654.75
79-10-00-001 Collect engine oil sample for spectrometric oil analysis	0.5	\$132.24	\$194.74
79-10-00-002 Remove, cut, and inspect engine oil filter for metallic contamination	1.0	\$134.24	\$259.24
79-20-00-001 Remove and inspect engine chip detector for metallic particles	0.5	\$138.27	\$200.77
Engine Turbine	3.5	\$342.24	\$779.74
72-10-00-001 Perform borescope inspection of gas generator and power turbine wheels	2.5	\$156.46	\$468.96
72-20-00-001 Inspect interstage seals and exhaust stack for cracks and leakage	1.0	\$185.78	\$310.78
General	16.0	\$948.45	\$2,948.45
53-10-00-001 Inspect cabin structure for cracks, corrosion, loose rivets, and deformation	1.5	\$99.93	\$287.43
56-10-00-001 Inspect all windows and windshield for crazing, delamination, and security	1.0	\$91.71	\$216.71
32-10-00-001 Inspect landing gear skid tubes, crosstubes, and saddles for damage and security	1.0	\$68.27	\$193.27
52-10-00-001 Inspect all doors and latches for proper operation and wear limits	0.5	\$99.64	\$162.14
53-20-00-001 Inspect tailboom attachment bolts and skins for cracks, dents, and corrosion	1.5	\$71.82	\$259.32
55-10-00-001 Inspect horizontal stabilizer for cracks, debonding, and mounting bolt security	1.0	\$50.74	\$175.74
67-10-00-001 Inspect swashplate assembly for wear, corrosion, and freedom of movement	1.5	\$85.10	\$272.60
29-10-00-001 Inspect hydraulic system for leaks, reservoir level, and filter condition	2.0	\$72.47	\$322.47

Task / Description	Hours	Parts	Total
24-10-00-001 Inspect electrical system including battery, generator, and circuit breakers	1.5	\$69.40	\$256.90
34-10-00-001 Inspect pitot-static system for blockage and perform altimeter correlation check	1.0	\$94.80	\$219.80
28-10-00-001 Inspect fuel system including cells, lines, valves, and filter service	1.5	\$76.37	\$263.87
27-10-00-001 Inspect flight controls for travel, rigging, and rod end bearing wear	2.0	\$68.20	\$318.20
Lubrication & Servicing	4.0	\$364.46	\$864.46
12-10-00-001 Service all lubrication points including spindles, pitch links, and bearings	2.5	\$180.03	\$492.53
12-20-00-001 Check and service hydraulic, transmission, and engine oil levels	1.5	\$184.43	\$371.93
Main Rotor Drive	5.0	\$543.97	\$1,168.97
63-10-00-001 Inspect main transmission oil level, chip detectors, and external condition	2.5	\$76.99	\$389.49
63-20-00-001 Inspect freewheeling unit operational check and engagement	1.0	\$366.03	\$491.03
63-10-00-002 Remove and cut transmission oil filter for metallic contamination inspection	1.5	\$100.95	\$288.45
Main Rotor System	8.5	\$774.24	\$1,836.74
62-10-00-001 Inspect main rotor blades for erosion, cracks, delamination, and impact damage	3.5	\$259.19	\$696.69
62-10-00-002 Inspect main rotor hub assembly and yoke for cracks using dye penetrant methods	2.5	\$238.73	\$551.23
62-20-00-001 Inspect pitch link assemblies and check rod end bearing play limits	1.5	\$128.26	\$315.76
62-30-00-001 Inspect lead-lag dampers for fluid leaks and proper charge pressure	1.0	\$148.06	\$273.06
Powerplant	7.0	\$1,225.80	\$2,100.80
71-10-00-001 Inspect engine installation, mounts, cowling, and external accessories	2.5	\$122.79	\$435.29
71-20-00-001 Perform compressor wash to restore performance and reduce operating temperatures	1.5	\$264.26	\$451.76
71-30-00-001 Remove, inspect, clean, and test fuel nozzle spray pattern	2.0	\$397.72	\$647.72
71-40-00-001 Remove and inspect igniter plugs for electrode erosion and carbon deposits	1.0	\$441.03	\$566.03
Scheduled Inspection	4.5	\$47.09	\$609.59
05-10-00-001 Complete 100-hour inspection card — all airframe and systems items per Section A through G	4.5	\$47.09	\$609.59
Standard Practices	4.0	\$140.94	\$640.94
20-00-00-001 Inspect safety wire installation and replace per standard practices	2.5	\$78.35	\$390.85
20-00-00-002 Verify critical fastener torque values and hardware specifications	1.5	\$62.59	\$250.09

Task / Description	Hours	Parts	Total
Tail Rotor Drive	3.5	\$460.89	\$898.39
65-20-00-001 Inspect tail rotor gearbox oil level and magnetic chip detector	1.5	\$88.24	\$275.74
65-10-00-001 Inspect tail rotor driveshaft and hanger bearings for wear and security	2.0	\$372.65	\$622.65
Tail Rotor System	3.0	\$569.28	\$944.28
64-10-00-001 Inspect tail rotor blades for erosion, delamination, and impact damage	2.0	\$284.19	\$534.19
64-10-00-002 Inspect tail rotor pitch change mechanism and bearings	1.0	\$285.09	\$410.09
Vibration Analysis	5.0	\$45.35	\$670.35
18-10-00-001 Perform main rotor vibration survey and track and balance procedure	3.5	\$13.18	\$450.68
18-10-00-002 Perform tail rotor vibration survey and record balance data	1.5	\$32.17	\$219.67
Subtotal (Labor + Parts)	69.5 hrs	\$6,341.37	\$15,028.87
Discrepancy Allowance (15%)			\$2,254.33
NOT-TO-EXCEED (NTE)			\$17,283.20

Parts estimates are preliminary and confirmed during inspection. NTE includes 15% discrepancy allowance for findings during teardown. Actual charges will not exceed NTE without customer approval. All maintenance, AD compliance, and airworthiness determinations are made by the operator's appropriately certified personnel.