

**HelicopterBuyer, Inc.**

**2002 A-109E Power  
S/N: 11159, R/N: I-POWE  
Maintenance Tracking Summary**

No	A-109E Power	Part Number	Type	Limit	T/R	% T/R
	<b>Airframe</b>					
1	50 Hours	Inspection	IN	50	23	46%
2	200 Hours	Inspection	IN	200	69	35%
3	400 Hours	Inspection	IN	400	269	67%
4	800 Hours	Inspection	IN	800	669	84%
5	3,200 Hours	Inspection	IN	3,200	1,105	35%
6	1 Year	Inspection	IN	12	5	42%
	<b>Life Limited Parts</b>		<b>Type</b>	<b>Limit</b>	<b>T/R</b>	<b>% T/R</b>
	<b>Main Rotor</b>					
7	M/R Blade	709-0103-01-109	RT	25,000	22,905	92%
8	M/R Blade	709-0103-01-109	RT	25,000	22,905	92%
9	M/R Blade	709-0103-01-109	RT	25,000	22,905	92%
10	M/R Blade	709-0103-01-109	RT	25,000	22,905	92%
11	Swashplate Support	109-0110-05-101	RT	34,000	31,905	94%
12	M/R Yoke - Hub	109-0110-03-113	RT	25,000	22,905	92%
13	Grip Assembly	109-0111-05-121	RT	10,000	7,905	79%
14	Grip Assembly	109-0111-05-121	RT	10,000	7,905	79%
15	Grip Assembly	109-0111-05-121	RT	10,000	7,905	79%
16	Grip Assembly	109-0111-05-121	RT	10,000	7,905	79%
17	Pitch Control Lever (Pitch Link)	109-111-08-105	RT	30,000	27,905	93%
18	Pitch Control Lever (Pitch Link)	109-111-08-105	RT	30,000	27,905	93%
19	Pitch Control Lever (Pitch Link)	109-111-08-105	RT	30,000	27,905	93%
20	Pitch Control Lever (Pitch Link)	109-111-08-105	RT	30,000	27,905	93%
21	Blade Pin (M/R Blade Bolt ) - 8 Each	109-8101-47-109	RT	30,000	27,905	93%
22	M/R Dampers	109-0111-06-103	RT	2,400	1,490	62%
23	M/R Dampers	109-0111-06-103	RT	2,400	1,490	62%
24	M/R Dampers	109-0111-06-103	RT	2,400	1,476	62%
25	M/R Dampers	109-0111-06-103	RT	2,400	1,490	62%
	<b>Main Rotor Drive</b>					
26	Rod Assembly - LH Aft	109-0325-03-113	RT	31,000	28,905	93%
27	Rod Assembly - RH Aft	109-0325-03-113	RT	31,000	28,905	93%
28	Pinion Gear - MGB	109-0403-05-111	RT	6,100	4,005	66%
29	Upper Case Assy - MGB	109-0402-24-9	RT	33,000	30,905	94%
30	M/R Shaft Assy - MGB	109-0405-76-107	RT	10,000	7,905	79%
31	Driver Gear - MGB	109-0403-04-3	RT	8,300	6,205	75%
	<b>Tail Rotor</b>					
32	Tail Rotor Blade	109-0160-48-101	RT	25,000	24,032	96%
33	Tail Rotor Blade	109-0160-48-101	RT	25,000	24,032	96%
34	Link Assy - T/R	109-0040-47-1	RT	20,000	17,905	90%
35	Link Assy - T/R	109-0040-47-1	RT	20,000	17,905	90%

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36	Bellcrank (T/R Control Lever)	109-0040-48-117	RT	20,000	17,905	90%
37	Support - T/R Control	109-0040-49-5	RT	20,000	17,905	90%
38	T/R Hub Assy	109-0131-06-101	RT	3,000	905	30%
39	T/R Strap Plug	109-8131-06-1	RT	5,000	2,905	58%
40	T/R Strap Plug	109-8131-06-1	RT	5,000	2,905	58%
41	Retention Strap Assy	109-8131-07-1	RT	1,800	1,028	57%
42	Retention Strap Assy	109-8131-07-1	RT	1,800	1,484	82%
43	Retention Strap Bolt	709-0160-47-101	RT	5,000	4,868	97%
44	Retention Strap Bolt	709-0160-47-101	RT	5,000	4,868	97%
45	Retention Strap Pin	109-8131-08-1	RT	5,000	2,905	58%
46	Retention Strap Pin	109-8131-08-1	RT	5,000	2,905	58%
	<b>Tail Rotor Drive</b>					
47	TGB Pinion Gear	109-0433-01-107	RT	5,600	3,505	63%
48	TGB Crown Gear	109-0443-01-103	RT	10,000	7,905	79%
49	TGB Sleeve	109-0435-31-1	RT	50,000	47,905	96%
	<b>Main &amp; Tail Rotor Controls</b>					
50	M/R Servo Actuator	109-0110-42-124	RT	20,000	19,295	96%
51	M/R Servo Actuator	109-0110-42-125	RT	20,000	17,800	89%
52	M/R Servo Actuator	109-0110-42-126	RT	20,000	19,684	98%
53	T/R Servo Actuator	109-0040-51-103	RT	20,000	18,253	91%
	<b>Transmission Oil Cooler Fan</b>					
54	Bell Toothed - LH	109-0455-09-103	RT	800	669	84%
55	Bell Toothed - RH	109-0455-09-103	RT	800	669	84%
	<b>Landing Gear</b>					
56	Shock Strut - MLG Assy - LH	109-0502-90-101	RT	10,000	7,905	79%
57	Shock Strut - MLG Assy - RH	109-0502-90-102	RT	10,000	7,905	79%
58	Actuator - LDG Gear - RH	109-0900-39-101	RT	10,000	8,140	81%
59	Actuator - LDG Gear - LH	109-0900-39-101	RT	10,000	8,227	82%
	<b>Fuselage</b>					
60	Elevator - LH	109-0200-02-301	RT	4,400	1,928	44%
61	Elevator - RH	109-0200-02-302	RT	49,000	46,905	96%
62	Fitting - LH - TQ Tube Clamp	109-0322-69-103	RT	5,000	4,032	81%
63	Fitting - RH - TQ Tube Clamp	109-0322-69-103	RT	5,000	2,905	58%
64	Pin - RH	109-0322-69-103	RT	3,000	905	30%
65	Pin - LH	109-0322-69-103	RT	3,000	905	30%
	<b>Component Overhaul</b>		<b>Type</b>	<b>Limit</b>	<b>T/R</b>	<b>% T/R</b>
66	Main Transmission Assy	109-0400-03-109	OH	4,800	2,705	56%
67	Main Rotor Damper	109-0111-06-103	OH	600	284	47%
68	Main Rotor Damper	109-0111-06-103	OH	600	284	47%
69	Main Rotor Damper	109-0111-06-103	OH	600	284	47%

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70	Main Rotor Damper	109-0111-06-103	OH	600	284	47%
71	Tail Rotor - 90 Deg - Gearbox Assy	109-0440-01-119	OH	3,000	905	30%
72	MR Servo Actuator Assembly - Red	109-0110-42-134	OH	1,800	1,095	61%
73	MR Servo Actuator Assembly - Yellow	109-0110-42-135	OH	1,800	1,289	72%
74	MR Servo Actuator Assembly - Blue	109-0110-42-136	OH	1,800	1,484	82%
75	Tail Rotor Servo Actuator	109-0040-51-103	CO	1,800	1,497	83%
76	Starter Generator	160SG139Q-2-1	CO	1,000	868	87%
77	Starter Generator	160SG139Q-2-1	CO	1,000	537	54%
	<b>Power Plant</b>					
	<b>Engine #1</b>	<b>PCE-BC0317</b>	<b>TT</b>	<b>2,409</b>		
			<b>Type</b>	<b>Limit</b>	<b>T/R</b>	<b>% T/R</b>
78	Turbomachinery Module #1	3054507-01	OH	3,500	1,405	40%
79	Reduction Gear Box Module #1	3116680-01	OH	3,500	1,405	40%
80	F.M.M #1	3045896-05	OH	4,000	1,905	48%
81	Impeller	3044095-01	CY	15,000	12,954	86%
82	Compressor Turbine Disk	3048999-1	CY	10,000	6,706	67%
83	Power Turbine Disk	3044188-01	CY	15,000	11,398	76%
	<b>Engine #2</b>	<b>PCE-BC0318</b>	<b>TT</b>	<b>2,409</b>		
			<b>Type</b>	<b>Limit</b>	<b>T/R</b>	<b>% T/R</b>
84	Turbomachinery Module #2	3054507-01	OH	3,500	1,405	40%
85	Reduction Gear Box Module #2	3116680-01	OH	4,000	1,405	35%
86	F.M.M #2	3045896-05	OH	4,000	1,905	48%
87	Impeller	3044095-01	CY	15,000	13,071	87%
88	Compressor Turbine Disk	3048999-1	CY	10,000	6,750	68%
89	Power Turbine Disk	3044188-01	CY	15,000	11,480	77%
	<b>Total Weighted Value Remaining</b>					<b>69%</b>