

HelicopterBuyer, Inc.

1981 Bell 412
S/N: 33036 R/N: N412BE

Maintenance Tracking Data Summary

1/27/2010

Airframe Items	Part Numbers		Life	T/R	% T/R
...M/R Blade - Inspection	412-015-300-104	Insp	2,500	2,358	94.32%
...M/R Blade - Inspection	412-015-300-109	Insp	2,500	2,358	94.32%
...M/R Blade - Inspection	412-015-300-104	Insp	2,500	2,358	94.32%
...M/R Blade - Inspection	412-015-300-109	Insp	2,500	2,358	94.32%
Main Rotor Hub					
...Yoke Assembly	412-010-101-129	LL	5,000	3,330	66.60%
...Yoke Assembly	412-010-101-129	LL	5,000	3,330	66.60%
...Spindle Damper Assembly	412-010-190-105	LL	10,000	3,982	39.82%
...Spindle Damper Assembly	412-010-190-105	LL	10,000	6,422	64.22%
...Spindle Damper Assembly	412-010-190-105	LL	10,000	3,982	39.82%
...Spindle Damper Assembly	412-010-190-105	LL	10,000	8,330	83.30%
...Pitch Horn	412-010-149-111	LL	10,000	3,452	34.52%
...Pitch Horn	412-010-149-111	LL	10,000	3,452	34.52%
...Pitch Horn	412-010-149-111	LL	10,000	3,452	34.52%
...Pitch Horn	412-010-149-111	LL	10,000	5,813	58.13%
...Damper Bridge - Upper	412-010-170-105	LL	10,000	9,858	98.58%
...Damper Bridge - Upper	calendar year	LL	15 years	2,024	
...Damper Bridge - Upper	412-010-170-105	LL	10,000	9,858	98.58%
...Damper Bridge - Upper	calendar year	LL	15 years	2,024	
...Damper Bridge - Upper	412-010-170-105	LL	10,000	9,858	98.58%
...Damper Bridge - Upper	calendar year	LL	15 years	2,024	
...Damper Bridge - Upper	412-010-170-105	LL	10,000	9,858	98.58%
...Damper Bridge - Upper	calendar year	LL	15 years	2,024	
...Damper Bridge - Lower	412-010-185-109	LL	15,000	4,863	32.42%
...Damper Bridge - Lower	412-010-185-101R	LL	15,000	1,600	10.67%
...Damper Bridge - Lower	412-010-185-109	LL	15,000	4,863	32.42%
...Damper Bridge - Lower	412-010-185-109	LL	15,000	4,863	32.42%
...Fitting - Blue	412-010-111-103	LL	5,000	2,438	48.76%
...Fitting - Green	412-010-111-103	LL	5,000	2,438	48.76%
...Fitting - Orange	412-010-111-103	LL	5,000	2,438	48.76%
...Fitting - Red	412-010-111-103	LL	5,000	2,438	48.76%
...M/R Retention Bolt - B.L	412-010-124-109	LL	5,000	3,984	79.68%
...M/R Retention Bolt - B.T	412-010-124-109	LL	5,000	3,984	79.68%
...M/R Retention Bolt - G.L	412-010-124-109	LL	5,000	3,984	79.68%
...M/R Retention Bolt - G.T	412-010-124-109	LL	5,000	3,984	79.68%
...M/R Retention Bolt - O.L	412-010-124-109	LL	5,000	3,984	79.68%
...M/R Retention Bolt - O.T	412-010-124-109	LL	5,000	3,984	79.68%
...M/R Retention Bolt - R.L	412-010-124-109	LL	5,000	3,984	79.68%
...M/R Retention Bolt - R.T	412-010-124-109	LL	5,000	3,984	79.68%
Simple Pendulum Absorbers					
...Bracket Assembly	412-010-264-105	LL	10,000	5,032	50.32%
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...Bracket Assembly	412-010-264-101	LL	10,000	5,032	50.32%
...Arm Assembly	412-010-263-101	LL	5,000	4,804	96.08%
...Arm Assembly	412-010-263-101	LL	5,000	4,804	96.08%
...Arm Assembly	412-010-263-101	LL	5,000	4,804	96.08%
...Arm Assembly	412-010-263-101	LL	5,000	4,804	96.08%
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...Arm Assembly	412-010-263-101	LL	5,000	4,804	96.08%
...Arm Assembly	412-010-263-101	LL	5,000	4,804	96.08%
Main Rotor Controls					
...Swashplate Pitch Link (Rod End) Bearing	412-310-400-101	LL	5,000	3,330	66.60%
...Swashplate Pitch Link (Rod End) Bearing	412-310-400-101	LL	5,000	3,330	66.60%
...Swashplate Pitch Link (Rod End) Bearing	412-310-400-101	LL	5,000	3,330	66.60%
...Swashplate Pitch Link (Rod End) Bearing	412-310-400-101	LL	5,000	3,330	66.60%
...Swashplate Pitch Link (Rod End) Bearing	412-010-182-101	LL	5,000	3,330	66.60%
...Swashplate Pitch Link (Rod End) Bearing	412-010-182-101	LL	5,000	3,330	66.60%
...Swashplate Pitch Link (Rod End) Bearing	412-010-182-101	LL	5,000	3,330	66.60%
...Swashplate Pitch Link (Rod End) Bearing	412-010-182-101	LL	5,000	3,330	66.60%
...Swashplate Link Assembly	412-010-406-115	LL	5,000	1,852	37.04%
...Swashplate Link Assembly	412-010-406-115	LL	5,000	1,852	37.04%
...Rephasing Lever Assembly	412-010-403-113	LL	5,000	32	0.64%
...Rephasing Lever Assembly	412-010-403-113	LL	5,000	32	0.64%
...Rephasing Lever Assembly	412-010-403-117	LL	5,000	32	0.64%
...Rephasing Lever Assembly	412-010-403-117	LL	5,000	32	0.64%
...Swashplate & Support Assembly	412-010-402-111	O/H	2,500	256	10.24%
...Swashplate Outer Ring	412-010-407-117	LL	10,000	5,746	57.46%
...Swashplate Support	412-010-453-105	LL	5,000	746	14.92%
...Gimbal Ring Assy	204-010-404-001	LL	9,000	4,746	52.73%
...Hub and Sleeve Assembly	412-010-401-107	O/H	2,500	144	5.76%
...Collective Lever Assembly	412-010-408-101	LL	10,000	8,396	83.96%
...Collective Sleeve	204-011-408-107	LL	9,000	3,498	38.87%
...Drive Link Assembly	412-010-405-111	LL	5,000	857	17.14%
...Drive Link Assembly	412-010-405-111	LL	5,000	3,459	69.18%
...Drive Hub Assembly	412-010-445-101	LL	10,000	5,032	50.32%
...Pitch Link Tube Assembly - Lower	412-010-425-113	LL	5,000	1,116	22.32%
...Pitch Link Tube Assembly - Lower	412-010-425-113	LL	5,000	1,116	22.32%
...Pitch Link Tube Assembly - Upper	412-010-425-129	LL	5,000	1,116	22.32%
...Pitch Link Tube Assembly - Upper	412-010-425-129	LL	5,000	1,116	22.32%
Propulsion and Drive System					
Combining Gear Output Section					
...Mast Assembly	412-040-366-105	O/H	5,000	3,863	77.26%
...Mast Assembly - Inspection	412-040-366-105	IN	3,000	1,863	62.10%
...Main Rotor Mast Pole Assembly	412-040-101-117	LL	10,000	3,780	37.80%
...Main Rotor Mast Assembly (RIN)	412-040-101-117	LL	80,000	58,559	73.20%
...Mast Cap Assy	412-010-171-101	LL	10,000	2,239	22.39%
...Drive Pin	412-010-166-101	LL	10,000	5,820	58.20%
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...Drive Pin	412-010-166-101	LL	10,000	5,820	58.20%
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...Drive Pin	412-010-166-101	LL	10,000	5,820	58.20%
...Upper Cone Seat	412-010-186-103	LL	10,000	8,330	83.30%
...Lower Cone Seat	412-018-056-105	LL	10,000	8,330	83.30%
...Cone, Lower	412-010-179-105	LL	10,000	8,330	83.30%
...Cone, Upper	412-010-165-101	LL	10,000	8,330	83.30%
...Splined Plate Assembly	412-010-177-105	LL	10,000	8,330	83.30%
...Splined Plate Assembly (RIN)	412-010-177-105	LL	80,000	76,350	95.44%
Tail Rotor Installation					
...Tail Rotor Hub Assembly	212-011-701-125	O/H	2,500	2,374	94.96%
...Tail Rotor Yoke	212-011-702-001	LL	5,000	4,875	97.50%
...Blade	212-010-750-113	LL	5,000	203	4.06%
...Blade	212-010-750-133	LL	5,000	4,468	89.36%
...T/R Drive Quill Assembly	212-040-365-025	OH	6,000	681	11.35%
...Hydraulic Drive Quill Assembly	204-040-379-003	OH	6,000	681	11.35%
Power Train - OH					
...Transmission	412-040-002-117F	O/H	6,000	681	11.35%
...Transmission - Inspection	412-040-002-117F	Insp	3,000	644	21.47%
...Main Input Quill	212-040-263-101	OH	6,000	681	11.35%
...Hydraulic Drive Quill Assembly	204-040-379-003	OH	6,000	681	11.35%
...Rotor Brake Quill	412-040-123-101	O/H	2,500	763	30.52%
...Intermediate (42 Degree) Gearbox Assembly	212-040-003-023A	O/H	5,000	2,644	52.88%
...Tail Rotor (90 Degree) Gearbox Assembly	212-040-004-009	O/H	5,000	738	14.76%
...Tail Rotor Drive Shaft Hanger Bearing Assembly	212-040-600-005	O/H	3,000	2,866	95.53%
...Tail Rotor Drive Shaft Hanger Bearing Assembly	212-040-600-005	O/H	3,000	2,866	95.53%
...Tail Rotor Drive Shaft Hanger Bearing Assembly	212-040-600-005	O/H	3,000	2,866	95.53%
...Tail Rotor Drive Shaft Hanger Bearing Assembly	212-040-600-005	O/H	3,000	2,866	95.53%
...Main (Input) Driveshaft	212-040-005-103	O/H	3,000	220	7.33%
Hydraulic - Overhaul					
...Flighth Control Hydraulic Cylinders (Cyclic) - LH	212-076-005-111	O/H	2,500	2,374	94.96%
...Flighth Control Hydraulic Cylinders (Cyclic) - RH	212-076-005-111	O/H	2,500	1,968	78.72%
...Flighth Control Hydraulic Cylinders (Collective)	212-076-005-111	O/H	2,500	1,864	74.56%
...Tail Rotor Servo	212-076-004-101	OH	5,000	3,330	66.60%
Airframe Total					
					47.30%
Combined Gear Box - Overhaul					
		S/N: 13072			
Combining Gear Box	3024780	O/H	4,000	3,016	75.40%
...Torque Control Unit (TCU)	3244706-6	O/H	4,500	3,516	78.13%

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Power Plant - OH					
...PT6T-3B (Overhaul) Power Section #1	CP-PS-63466	O/H	4,000	3,017	75.43%
...PT6T-3B Total Time: 4,428 hours					
...Compressor Rotor Hub - PS # 1	3018111	LL	15,000	10,571	70.47%
...Compressor Rotor Hub - CY - PS #1	3018111	LL	110,000	99,581	90.53%
...2nd Stage Compressor Disk - CY - PS #1	3018312	LL	22,500	12,081	53.69%
...3rd Stage Compressor Disk - CY - PS #1	3017713	LL	28,000	17,590	43.15%
...Centrifical Impeller - PS #1 - CY - PS #1	3027798	LL	29,000	18,590	60.66%
...Compressor Turbine Disk -1st T Disk - CY- PS #1	3024211	LL	10,000	8,048	185.90%
...Power Turbine Disk - 2nd T Disk - PS #1	3022312	LL	15,000	10,571	53.65%
...Power Turbine Disk - 2nd T Disk -CY - PS #1	3022312	LL	57,000	37,249	18.55%
...MFCU (Overhaul) - PS #1	3244736-8	O/H	4,500	3,517	78.16%
...AFCU (Overhaul) - PS #1	3244735-14	O/H	4,500	3,517	78.16%
...Governor, Free Turbine - PS #1	2524999-5	O/H	4,000	3,016	75.40%
...Fuel Pump - PS #1	025277-300-07	O/H	4,500	3,517	78.16%
...Flow Divider - PS #1	25536	O/H	4,500	3,517	78.16%
...Fuel Nozzles - PS #1	14	OH	1,200	217	18.08%
...Starter Generator (Overhaul) - PS #1	23046-020	O/H	1,000	738	73.80%
...Fuel-Oil Heater - PS #1	10544E	O/H	4,500	3,517	78.16%
...Bleed Valve	3049038-03	O/H	4,500	3,517	78.16%
...PT6T-3B (Overhaul) Power Section #2					
...PT6T-3B Total Time: 13,820 hours	CP-PS-62253	O/H	4,000	1,083	27.08%
...Compressor Rotor Hub - PS # 2	3018111	LL	15,000	1,179	7.86%
...Compressor Rotor Hub - CY - PS #2	3018111	LL	110,000	77,933	70.85%
...2nd Stage Compressor Disk - CY - PS #2	3018312	LL	22,500	10,153	45.12%
...3rd Stage Compressor Disk - CY - PS#2	3017713	LL	28,000	21,899	78.21%
...Centrifical Impeller - PS #1 - CY - PS #2	3027798	LL	29,000	1,189	4.10%
...Compressor Turbine Disk - 1st T Disk - CY - PS #2	3024211	LL	10,000	3,993	39.93%
...Power Turbine Disk - 2nd T Disk - PS #2	3022312	LL	15,000	1,179	7.86%
...Power Turbine Disk - 2nd T Disk -CY - PS #2	3022312	LL	57,000	57,000	100.00%
...MFCU (Overhaul) - PS #2	3244736-8	O/H	4,500	1,583	35.18%
...AFCU (Overhaul) - PS #2	3244735-14	O/H	4,500	1,583	35.18%
...Governor, Free Turbine - PS #2	2524999-5	O/H	4,000	3,016	75.40%
...Fuel Pump - PS #2	025277-300-07	O/H	4,500	1,583	35.18%
...Fuel Nozzles - PS #2	14	OH	1,200	654	54.50%
...Starter Generator (Overhaul) - PS #2	23046-020	O/H	1,000	895	89.50%
...Bleed Valve	540-1407-4	O/H	4,500	1,583	35.18%
Engines Total					62.00%
Airframe & Engine					54.00%
Major Airframe Inspection & Empty Weight					
3,000 Hour / 5-Year Inspection - March 2011		Insp	3,000	644	21.47%
Empty Weight : 8,396 lbs as of 6/27/08					