

HelicopterBuyer, Inc.

1981 Bell 412  
S/N: 33019, R/N: VH-XCF

18,844 Total Time / 122,015 Total Landings

Maintenance Tracking Summary

<b>Main Rotor Blades</b>	<b>Part Number</b>	<b>Type</b>	<b>Interval</b>	<b>T/R</b>	<b>% T/R</b>
...M/R Blade	412-015-300-109	IN	2,500	886	35%
...M/R Blade	412-015-300-109	IN	2,500	886	35%
...M/R Blade	412-015-300-109	IN	2,500	886	35%
...M/R Blade	412-015-300-109	IN	2,500	886	35%
<b>Main Rotor Hub</b>	<b>Part Number</b>	<b>Type</b>	<b>Interval</b>	<b>T/R</b>	<b>% T/R</b>
...M/R Hub Assembly	412-010-100-175	IN	2,500	374	15%
...Mast Cap Retention Assy	412-010-160-103	LL	10,000	8,348	83%
...Main Rotor Cone, Upper	412-010-165-101	LL	10,000	8,259	83%
...Main Rotor Cone, Lower	412-010-179-105	LL	10,000	TBD	TBD
...Upper Cone Seat	412-010-186-103	LL	10,000	3,618	36%
...Lower Cone Seat	412-018-056-105	LL	10,000	3,618	36%
...Main Rotor Hub Splined Plate Assembly	412-010-177-105	LL	10,000	3,553	36%
...Main Rotor Hub Splined Plate Assembly (RIN)	412-010-177-105	LL	60,000	32,140	54%
<b>Main Rotor Hub Assembly</b>	<b>Part Number</b>	<b>Type</b>	<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Main Rotor Hub Drive Pin	412-010-166-101	LL	10,000	7,874	79%
...Main Rotor Hub Drive Pin	412-010-166-101	LL	10,000	9,362	94%
...Main Rotor Hub Drive Pin	412-010-166-101	LL	10,000	7,874	79%
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...Main Rotor Hub Drive Pin	412-010-166-101	LL	10,000	7,874	79%
<b>Main Rotor Hub Assembly - Blade Bolts</b>	<b>Part Number</b>	<b>Type</b>	<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Main Rotor Blade Bolt - Upper	412-010-124-109	LL	5,000	2,874	57%
...Main Rotor Blade Bolt - Upper	412-010-124-109	LL	5,000	2,874	57%
	412-010-124-109	LL	5,000	2,874	57%
...Main Rotor Blade Bolt - Upper	412-010-124-109	LL	5,000	2,874	57%
...Main Rotor Blade Bolt - Lower	412-010-124-109	LL	5,000	2,874	57%
...Main Rotor Blade Bolt - Lower	412-010-124-109	LL	5,000	2,874	57%
...Main Rotor Blade Bolt - Lower	412-010-124-109	LL	5,000	2,874	57%
...Main Rotor Blade Bolt - Lower	412-010-124-109	LL	5,000	2,874	57%
<b>Main Rotor Hub Assembly - Yoke &amp; Spindle Assy (Upper)</b>	<b>Part Number</b>	<b>Type</b>	<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Yoke Assembly - Upper	412-010-101-129	LL	5,000	2,875	58%
...Fitting - Upper	412-010-111-103	LL	5,000	2,874	57%
...Fitting - Upper	412-010-111-103	LL	5,000	2,874	57%
...Pitch Horn - Upper	412-010-149-111	LL	15,000	4,618	31%
...Pitch Horn - Upper	412-010-149-111	LL	15,000	8,009	53%
...Damper Bridge - Upper	412-010-185-109	LL	15,000	10,823	72%
...Damper Bridge - Upper	412-010-185-109	LL	15,000	8,009	53%
...Damper Bridge - Upper	412-010-185-109	LL	15,000	8,009	53%
...Damper Bridge - Upper calendar		LL	15 years	TBD	TBD
...Damper Bridge - Upper	412-010-185-109	LL	15,000	8,009	53%
...Damper Bridge - Upper calendar		LL	15 years	TBD	TBD
...Spindle Assembly - Upper	412-010-190-103	LL	10,000	4,376	44%
...Spindle Assembly - Upper	412-010-190-103	LL	10,000	7,840	78%
<b>Main Rotor Hub Assembly - Yoke &amp; Spindle Assy (Lower)</b>	<b>Part Number</b>	<b>Type</b>	<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Yoke Assembly - Lower	412-010-101-129	LL	5,000	2,874	57%
...Fitting - Lower	412-010-111-103	LL	5,000	2,874	57%
...Fitting - Lower	412-010-111-103	LL	5,000	2,874	57%
...Pitch Horn - Lower	412-010-149-111	LL	15,000	8,009	53%
...Pitch Horn - Lower	412-010-149-111	LL	15,000	8,009	53%

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<b>Main Rotor Hub Assembly - Yoke &amp; Spindle Assy (Lower)</b>	<b>Part Number</b>	<b>Type</b>	<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Damper Bridge - Lower	412-010-170-105	LL	10,000	6,720	67%
...Damper Bridge - Lower	412-010-170-105	LL	10,000	6,720	67%
...Damper Bridge - Lower	412-010-170-105	LL	10,000	6,720	67%
...Damper Bridge - Lower calendar		LL	15 years	TBD	TBD
...Damper Bridge - Lower	412-010-170-105	LL	10,000	6,720	67%
...Damper Bridge - Lower calendar		LL	15 years	TBD	TBD
...Spindle Damper Assembly - Lower	412-010-190-105	LL	10,000	4,992	50%
...Spindle Damper Assembly - Lower	412-010-190-105	LL	10,000	4,376	44%
<b>Main Rotor Hub Assembly - Simple Pendulum Absorbers</b>	<b>Part Number</b>	<b>Type</b>	<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Bolt Bracket (16 each)	EWB0420D--7-36	LL	15,000	12,874	86%
<b>Main Rotor Pitch Link Assemblies</b>					
...Pitch Link Assembly - Green	412-010-425-133	OH	2,500	TBD	TBD
...Pitch Link Assembly - Red	412-010-425-133	OH	2,500	TBD	TBD
...Pitch Link Assembly - Orange	412-010-425-135	OH	2,500	TBD	TBD
...Pitch Link Assembly - Blue	412-010-425-135	OH	2,500	TBD	TBD
<b>Main Rotor Hub &amp; Sleeve Assembly</b>	<b>Part Number</b>		<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Hub and Sleeve Assembly	412-010-401-109	OH	2,500	2,174	87%
...Collective Sleeve	204-011-408-107	LL	9,000	8,673	96%
<b>Rephasing Lever Assemblies</b>	<b>Part Number</b>		<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Rephasing Lever Assembly	412-010-403-113	LL	5,000	567	11%
...Rephasing Lever Assembly	412-010-403-113	LL	5,000	408	8%
...Rephasing Lever Assembly	412-010-403-117	LL	5,000	408	8%
...Rephasing Lever Assembly	412-010-403-117	LL	5,000	567	11%
<b>Drive Link Assemblies</b>	<b>Part Number</b>		<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Drive Link Assembly	412-010-405-111	LL	5,000	TBD	TBD
...Drive Link Assembly	412-010-405-111	LL	5,000	TBD	TBD
<b>Swashplate &amp; Support Assembly</b>	<b>Part Number</b>		<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Swashplate & Support	412-010-402-111	OH	2,500	1,437	57%
...Swashplate Outer Ring	412-010-407-117	LL	10,000	7,225	72%
...Swashplate Support Assembly	412-010-453-105	LL	15,000	11,097	74%
...Gimbal Ring Assembly	204-010-404-003	LL	9,000	4,020	45%
<b>Collective Lever Assembly</b>	<b>Part Number</b>		<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Collective Lever Assembly	412-010-408-101	OH	2,500	1,878	75%
...Collective Lever Assembly	412-010-408-101	LL	10,000	2,349	23%
<b>Rotating Bolt Kit</b>	<b>Part Number</b>		<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
Rotating Bolt Kit	412-704-112-105	LL	2,500	861	34%
<b>Main Rotor Drive System</b>	<b>Part Number</b>		<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Mast Assembly - Inspection	412-040-366-111	Insp	2,500	TBD	TBD
...Mast Assembly	412-040-366-111	OH	5,000	TBD	TBD
...Main Rotor Mast Pole Assembly	412-040-101-125FM	LL	10,000	TBD	TBD
...Main Rotor Mast Assembly (RIN)	412-040-101-127	LL	60,000	TBD	TBD
<b>Main Rotor Transmission</b>	<b>Part Number</b>		<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Transmission - Inspection	412-040-002-103	IN	3,000	2,274	76%
...Transmission	412-040-002-103	OH	6,000	5,274	88%
...Rotor Brake Quill	412-040-123-101	OH	2,500	2,274	91%

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<b>Main Rotor Transmission</b>	<b>Part Number</b>		<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Quill Assembly Main Input	412-040-263-101	OH	5,000	TBD	TBD
...Quill Assembly Tail Rotor Drive	212-040-365-113	OH	5,000	TBD	TBD
...Quill Assembly - #1 Hydraulic Drive	212-040-365-103	OH	5,000	TBD	TBD
...Quill Assembly - #2 Hydraulic Drive	204-040-379-101	OH	5,000	TBD	TBD
<b>Main Driveshaft Assembly</b>	<b>Part Number</b>	<b>Type</b>	<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Main Driveshaft Assembly	412-040-005-103	OH	3,000	1,361	45%
<b>Tail Rotor</b>					
<b>Tail Rotor Hub Assembly</b>	<b>Part Number</b>	<b>Type</b>	<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Tail Rotor Hub Assembly	212-011-701-125FM	OH	2,500	181	7%
...Tail Rotor Trunnion	212-011-704-105	OH	2,500	TBD	TBD
...Tail Rotor Yoke	212-011-702-001	LL	5,000	TBD	TBD
<b>Tail Rotor Installation</b>	<b>Part Number</b>	<b>Type</b>	<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Tail Rotor Installation	212-011-700-001	LL	2500	TBD	TBD
...Tail Rotor Retaining Nut	212-010-706-001	LL	2,500	TBD	TBD
...Idler Assembly	209-011-711-001	LL	2,500	TBD	TBD
...Lever Assembly	209-011-712-101	LL	2,500	TBD	TBD
...Crosshead	212-010-775-001	LL	2,500	TBD	TBD
...Link Assembly	209-011-713-003	LL	2,500	TBD	TBD
<b>Tail Rotor Blades</b>	<b>Part Number</b>		<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Tail Rotor Blade	212-010-750-133	LL	5,000	TBD	TBD
...Tail Rotor Blade	212-010-750-133	LL	5,000	TBD	TBD
<b>Tail Rotor Drive System</b>		<b>Type</b>	<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
<b>Tail Rotor Drive System - Coupling Assembly</b>	<b>Part Number</b>				
...Tail Rotor Drive Coupling - #1	412-040-601-101	IN	2,500	TBD	TBD
...Tail Rotor Drive Coupling - #1	412-040-601-101	OH	5,000	TBD	TBD
...Tail Rotor Drive Coupling - #2	412-040-601-105	IN	2,500	TBD	TBD
...Tail Rotor Drive Coupling - #2	412-040-601-105	OH	5,000	TBD	TBD
<b>Tail Rotor Drive System - Hangar Assemblies</b>	<b>Part Number</b>	<b>Type</b>	<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Tail Rotor Drive Shaft Hanger - #1	212-040-600-005	IN	2,500	TBD	TBD
...Tail Rotor Drive Shaft Hanger - #1	212-040-600-005	OH	3,000	1,361	45%
...Tail Rotor Drive Shaft Hanger - #2	212-040-600-005	IN	2,500	TBD	TBD
...Tail Rotor Drive Shaft Hanger - #2	212-040-600-005	OH	3,000	1,108	37%
...Tail Rotor Drive Shaft Hanger - #3	212-040-600-005	IN	2,500	TBD	TBD
...Tail Rotor Drive Shaft Hanger - #3	212-040-600-005	OH	3,000	225	8%
...Tail Rotor Drive Shaft Hanger - #4	212-040-600-005	IN	2,500	TBD	TBD
...Tail Rotor Drive Shaft Hanger - #4	212-040-600-005	OH	3,000	1,362	45%
<b>Tail Rotor Drive - Intermediate 42 Deg Gearbox</b>	<b>Part Number</b>	<b>Type</b>	<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Intermediate (42 Degree) Gearbox Assembly	212-040-006-101	IN	2,500	TBD	TBD
...Intermediate (42 Degree) Gearbox Assembly	212-040-003-023	OH	5,000	263	5%
<b>Tail Rotor Drive - Intermediate 90 Deg Gearbox</b>	<b>Part Number</b>	<b>Type</b>	<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Tail Rotor (90 Degree) Gearbox Assembly	212-040-004-009	IN	2,500	608	24%
...Tail Rotor (90 Degree) Gearbox Assembly	212-040-004-009	OH	5,000	3,108	62%
<b>Flight Control System</b>					
<b>Flight Control System - Main Rotor - Hydraulic Servo Actuators</b>	<b>Part Number</b>	<b>Type</b>	<b>Life</b>	<b>T/R</b>	<b>% T/R</b>
...Flight Control Hydraulic Cylinders (LH Cyclic)	212-076-005-111	OH	2,500	317	13%
...Flight Control Hydraulic Cylinders (RH Cyclic)	212-076-005-111	OH	2,500	861	34%
...Flight Control Hydraulic Cylinders (Collective)	212-076-005-111	OH	2,500	861	34%

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Landing Gear	Part Number	Type	Life	T/R	% T/R
...Aft Crosstube, (20,000 landings)	412-321-104	LL	20,000	13,694	68%
<b>Combined Gear Box - Overhaul</b>					
Combining Gear Box	CP-GB-2604				
...Torque Control Unit (TCU)	3039080	OH	4,000	2,361	59%
	3244706-6	OH	4,500	2,863	64%
<b>Power Plant - OH</b>					
<b>...PT6T-3B (Overhaul) Power Section #1</b>	CP-PS-TB0006	OH	4,000	569	14%
<b>...PT6T-3BG Total Time: 9,715 hours</b>					
...Compressor Rotor Hub - PS # 1	3018111	LL	15,000	11,570	77%
...Compressor Rotor Hub - CY - PS #1	3018111	LL	110,000	10,371	9%
...2nd Stage Compressor Disk - CY - PS #1	3040312	LL	29,000	22,714	78%
...3rd Stage Compressor Disk - CY - PS #1	3040213	LL	29,000	23,124	80%
...Centrifugal Impeller - PS #1 - CY - PS #1	3027798	LL	29,000	23,124	80%
...Compressor Turbine Disk -1st T Disk - CY- PS #1	3024211	LL	10,000	4,328	43%
...Power Turbine Disk - 2nd T Disk - PS #1	3022312	LL	15,000	11,570	77%
...Power Turbine Disk - 2nd T Disk -CY - PS #1	3022312	LL	57,000	49,842	87%
...MFCU (Overhaul) - PS #1	3244736-8	OH	4,500	1,070	24%
...AFCU (Overhaul) - PS #1	3244735-16	OH	6,000	TBD	TBD
...Governor, Free Turbine - PS #1	2524999-5	OH	4,500	4,173	93%
...Fuel Pump - PS #1	025277-300-07	OH	4,500	1,070	24%
...Flow Divider - PS #1	25536-4	OH	4,500	1,070	24%
...Fuel Surge Dampener	3022660	OH	4,000	TBD	TBD
...T5 Temperature Compensator	3030083	OH	4,000	TBD	TBD
...T5 Harness	3120484	OH	4,000	TBD	TBD
...Py Accumlator	3029256	OH	4,000	TBD	TBD
...Fuel Pressure Regulator	3244708-8	OH	4,000	TBD	TBD
...Starter Generator (Overhaul) - PS #1	23046-020	OH	1,000	221	22%
...Fuel-Oil Heater - PS #1	10544G	OH	4,500	1,070	24%
<b>...PT6T-3B (Overhaul) Power Section #2</b>					
<b>...PT6T-3B Total Time: 10,289 hours</b>					
...Compressor Rotor Hub - PS # 2	3018111	LL	15,000	2,540	17%
...Compressor Rotor Hub - CY - PS #2	3018111	LL	110,000	84,851	77%
...2nd Stage Compressor Disk - CY - PS #2	3018312	LL	22,500	11,222	50%
...3rd Stage Compressor Disk - CY - PS#2	3017713	LL	28,000	9,359	33%
...Centrifugal Impeller - PS #2 - CY - PS #2	3027798	LL	29,000	789	3%
...Compressor Turbine Disk - 1st T Disk - CY - PS #2	3024211	LL	10,000	6,110	61%
...Power Turbine Disk - 2nd T Disk - PS #2	3022312	LL	15,000	7,315	49%
...Power Turbine Disk - 2nd T Disk -CY - PS #2	3022312	LL	57,000	44,242	78%
...MFCU (Overhaul) - PS #2	3244736-8	OH	4,500	4,096	91%
...AFCU (Overhaul) - PS #2	3244735-16	OH	6,000	TBD	TBD
...Governor, Free Turbine - PS #2	2524999-5	OH	4,500	2,732	61%
...Fuel Pump - PS #2	025277-300-08	OH	4,500	4,046	90%
...Flow Divider	25536-4	OH	4,500	2,348	52%
...Fuel Surge Dampener	3022660	OH	4,000	TBD	TBD
...T5 Temperature Compensator	3030083	OH	4,000	TBD	TBD
...T5 Harness	3120484	OH	4,000	TBD	TBD
...Py Accumlator	3029256	OH	4,000	TBD	TBD
...Fuel Pressure Regulator	3244708-8	OH	4,000	TBD	TBD
...Starter Generator (Overhaul) - PS #2	2005G119Q	OH	1,000	803	80%
...Fuel-Oil Heater - PS #2	10544G	OH	4,500	2,347	52%
<b>Major Airframe Inspections</b>					
5,000 Hour / 5-Year Inspection		IN	5,000	5,000	100%