

COMPONENT OVERHAUL SCHEDULE

5-60. COMPONENT OVERHAUL SCHEDULE

The Component Overhaul Schedule ([Table 5-4](#)) provides the time interval between overhaul for each applicable helicopter component.

WARNING

DO NOT APPLY TOLERANCES TO PARTS WITH A LIMITED AIRWORTHINESS LIFE ([CHAPTER 4](#)).

WARNING

DO NOT EXCEED RETIREMENT LIFE FOR CRITICAL COMPONENTS. REFER TO AIRWORTHINESS LIMITATIONS SCHEDULE ([CHAPTER 4](#)).

SOME PARTS INSTALLED AS ORIGINAL EQUIPMENT ON MILITARY HELICOPTERS MAY HAVE A LOWER AIRWORTHINESS LIFE AND/OR OVERHAUL SCHEDULE THAN WHEN USED ON A COMMERCIAL HELICOPTER. CONSEQUENTLY, PARTS THAT HAVE BEEN USED ON MILITARY HELICOPTERS SHOULD NOT BE USED ON COMMERCIAL HELICOPTERS.

CAUTION

OVERHAUL SCHEDULE FOR SOME KIT COMPONENTS AND/OR PARTS IS NOT COVERED IN THIS SCHEDULE. REFER TO APPLICABLE SERVICE INSTRUCTIONS FOR KIT COMPONENTS SCHEDULE.

NOTE

Refer to [paragraph 5-6](#) for information on inspection and overhaul tolerance.

NOTE

Neither assignment of a time period for overhaul of a component or failure to assign a time period for overhaul of a component constitutes a warranty of any kind. The only warranty applicable to helicopter and any component is that warranty included in the Purchase Agreement for the helicopter or component.

The overhaul interval specified for any given part number contained in this Component Overhaul Schedule applies to all successive dash numbers (or suffixes) for that item unless otherwise specified.

Table 5-4. Component Overhaul Schedule

NOMENCLATURE	PART NUMBER 	OVERHAUL INTERVAL (HOURS)
MAIN ROTOR CONTROLS		
Swashplate and Support Assembly	206-010-450-101	4800 hours
MAIN ROTOR HUB		
Main Rotor Hub Assembly	206-011-100-105	2400 hours

Table 5-4. Component Overhaul Schedule (Cont)

NOMENCLATURE	PART NUMBER 	OVERHAUL INTERVAL (HOURS)
POWER TRAIN		
Transmission Assembly	206-706-045-103/-107/-111	 3000 hours
Transmission Assembly	206-040-004-101	4500 hours
Main Rotor Mast Assembly	206-040-014-101	3000 hours
Freewheel Assembly	206-040-270-009	 2400 hours
Freewheel Assembly	206-040-270-009	 3000 hours
Input Driveshaft	206-340-300-101/-105	 2500 hours
Freewheel Assembly	406-040-500-113	 3000 hours
TAIL ROTOR SYSTEM		
Tail Rotor Hub Assembly	206-011-810-125	2500 hours
Tail Rotor Gearbox	206-040-402-003	6000 hours
HYDRAULIC SYSTEM		
Hydraulic Servo Actuators	206-076-062-001	1200 hours
Hydraulic Servo Actuators	206-076-062-003/-005/-101	3600 hours
POWER PLANT		
Turboshaft Engine	250-C30P	Refer to Rolls-Royce 250-C30 Series Operation and Maintenance Manual, 14W2
STARTER GENERATORS		
Starter Generator	ALL	1000 hours
NOTES:		
	The operating time specified for overhaul of any given part number contained in this component overhaul schedule applies to all successive dash numbers (or suffixes) for that item unless otherwise specified.	
	If increased power kit (BHT-206-SI-2039) is installed, overhaul interval is 3000 hours.	
	Freewheel assembly with clutch CL41742-1.	

Table 5-4. Component Overhaul Schedule

NOMENCLATURE	PART NUMBER ^{△1}	OVERHAUL INTERVAL (HOURS)
MAIN ROTOR CONTROLS		
Swashplate and Support	206-010-450-101	4800 hours
MAIN ROTOR HUB		
Hub Assembly	206-011-100-105	2400 hours
POWER TRAIN		
Transmission	206-040-004-115	4500 hours
Mast Assembly	206-040-014-107	3000 hours
Input Driveshaft	206-340-300-101/-105	^{△2} 2500 hours
Freewheel Unit	406-040-500-113	3000 hours
TAIL ROTOR SYSTEM		
Tail Rotor Hub Assembly	206-011-810-139	2500 hours
Tail Rotor Gearbox	206-040-402-101	6000 hours
HYDRAULIC SYSTEM		
Hydraulic Servo Actuators	206-076-062-101	3600 hours
POWER PLANT		
Turboshaft Engine	250-C30P	Refer to Rolls-Royce 250-C30 Series Operation and Maintenance Manual, 14W2
STARTER GENERATORS		
Starter Generator	ALL	1000 hours
NOTES:		
^{△1}	The operating time specified for overhaul of any given part number listed applies to all successive dash numbers (or suffixes) for that component, unless otherwise specified.	
^{△2}	Input driveshafts 206-340-300-101/-105 must be overhauled at 5000 hours of operation and every 2500 hours of operation thereafter. Overhaul is to be accomplished by Kamatics Corporation only. Return driveshaft to Bell Helicopter Textron (BHT) per Information Letter (IL) GEN-04-98 .	

Table 5-5. Component Overhaul Schedule

NOMENCLATURE	PART NUMBER 	OVERHAUL INTERVAL (HOURS)
MAIN ROTOR HUB		
Hub Assembly	407-010-100-103	2500 hours
MAIN ROTOR CONTROLS		
Swashplate and Support	406-010-401-115	2500 hours
DRIVE SYSTEM		
Input Driveshaft	206-340-300-107	 1250 hours
Rotor Brake Disc	206-340-301-101	 3000 hours
Rotor Brake Caliper	206-340-301-103	 1800 hours
Freewheel	406-040-500-123/-127/-131	2500 hours
Freewheel	406-040-500-143/-147	3000 hours
Transmission	407-040-006-103/-107	 2500 hours
Transmission	407-040-006-111	 4500 hours
Transmission	407-040-007-103	5000 hours
Mast Assembly	407-040-011-101	2500 hours
Rotor Brake Caliper	407-340-302-101	 1800 hours
Rotor Brake Caliper	407-340-302-101FM	 1800 hours
Rotor Brake Caliper	407-340-302-103	 3000 hours
Input Driveshaft	407-340-310-101	 2500 hours
Rotor Brake Disc	407-340-318-101	  3000 hours
Rotor Brake Caliper	407-540-304-101FM	 3000 hours
Rotor Brake Caliper	427-340-352-113	3000 hours
TAIL ROTOR SYSTEM		
Tail Rotor Gearbox	406-040-400-115/-117/-117FM	 2500 hours
Tail Rotor Gearbox	406-040-400-119	5000 hours

Table 5-5. Component Overhaul Schedule (Cont)

NOMENCLATURE	PART NUMBER [△] ₁	OVERHAUL INTERVAL (HOURS)
TAIL ROTOR SYSTEM (CONT)		
Tail Rotor Hub	407-012-101-107	2500 hours
POWER PLANT		
Engine	250-C47B	Refer to Rolls-Royce Operations and Maintenance Manual, Publication CSP21001
ELECTRICAL		
Starter-generator	206-062-200-113	1000 hours
NOTES:		
[△] ₁ The operating time specified for overhaul of any given part number listed applies to all successive dash numbers (or suffixes) for that component, unless otherwise specified.		
[△] ₂ As identified in TB 407-04-60 , a 4500-hour overhaul applies to transmission 407-040-006-107 if modified per TB 407-03-41 , and transmission 407-040-006-111 and subsequent.		
[△] ₃ Input driveshaft 206-340-300-107 must be overhauled every 1250 hours of operation. Overhaul is to be accomplished by Kamatics Corporation only. Return driveshaft to Bell Helicopter Textron (BHT) per Information Letter (IL) GEN-04-98 . Refer to Chapter 4 for retirement life.		
[△] ₄ Input driveshaft 407-340-310-101 must be overhauled every 2500 hours of operation. Overhaul is to be accomplished by Kamatics Corporation only. Return driveshaft to Bell Helicopter Textron (BHT) per Information Letter (IL) GEN-04-98 .		
[△] ₅ As used on S/N 53000 through 53442 Pre 407-II-30, refer to Northwest Dynamics Document No. B0223-OM for overhaul instructions (BHT-407-CR&O-V).		
[△] ₆ As used on S/N 53443 through 53631 Pre TB 407-05-67 , refer to Northwest Dynamics Document No. B0223-OM for overhaul instructions (BHT-407-CR&O-V).		
[△] ₇ As used on S/N 53000 through 53442 Post 407-II-30, refer to Northwest Dynamics Document No. B0223-OM for overhaul instructions (BHT-407-CR&O-V).		
[△] ₈ As used on S/N 53632 and subsequent, refer to Northwest Dynamics Document No. B0223-OM4 for overhaul instructions (BHT-407-CR&O-V).		
[△] ₉ As used on S/N 53000 through 53631 Post TB 407-05-63 and TB 407-05-67 , refer to Northwest Dynamics Document No. B0223-OM4 for overhaul instructions (BHT-407-CR&O-V).		
[△] ₁₀ As identified in TB 407-04-60 , a 5000-hour overhaul applies to tail rotor gearboxes 406-040-400-117/-117FM that have been modified per TB 407-00-21 and TB 407-01-31 , Part I or Part II, and gearboxes 406-040-400-119 and subsequent.		