

MODELS AFFECTED: 407

SUBJECT: **CHAPTER 4 — AIRWORTHINESS
LIMITATIONS SCHEDULE, CHANGES TO.**

HELICOPTERS AFFECTED: 407, Serial Numbers 53000 through 53326.

[Helicopters Serial Numbers 53327 and subsequent will have the intent of this bulletin completed before delivery.]

COMPLIANCE: Immediately when you get this bulletin.

DESCRIPTION:

The mandatory airworthiness limitations schedule shows the mandatory maximum life, in hours or by Retirement Index Numbers (RIN), of the components with a airworthiness life limit.

This bulletin has the new Chapter 4, Revision 9, which shows the changes to the Airworthiness Limitations Schedule, because some airworthiness lives are decreased. This bulletin is sent as a matter of record and will be superseded by subsequent changes to Chapter 4.

APPROVAL:

The engineering design aspects of this Service Bulletin are Transport Canada approved.

MANPOWER:

Not affected.

MATERIAL:

Required Material:

None required.

Consumable Material:

None required.

SPECIAL TOOLS:

None required.

WEIGHT AND BALANCE:

Not affected.

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

BHT-407-MM-1, rev.9- 30 November 1998:

Chapter 4, Airworthiness Limitations Schedule.

PUBLICATIONS AFFECTED:

BHT-407-MM-1, rev.9- 30 November 1998:

Chapter 4, Airworthiness Limitations Schedule.

ACCOMPLISHMENT INSTRUCTIONS:

1. Replace the Chapter 4 that is in your manual with the attached Chapter 4, Rev. 9.

2. Do the changes to the component historical cards as follows:

Table 4-1. Airworthiness limitations schedule

Component	Part number	Current retirement (hrs or RIN)	New retirement (hrs or RIN)
Yoke	407-010-101-101	2500 hrs	On-condition
Drive ring set	406-010-126-107	49,000 RIN	48,000 RIN
Main rotor grip	406-010-108-125	2500 hrs	5000 hrs
Corner mount	407-310-203-101	50,000 RIN	On-condition
Blade	406-016-100-119	2500 hrs	5000 hrs
Main rotor mast	407-040-038-101	5000 hrs or 25,000 RIN	5000 hrs or 18,000 RIN
L/H pylon side beam	407-010-201-101	1000 hrs	1000 hrs or 5500 RIN
R/H pylon side beam	407-010-203-101	1000 hrs	1000 hrs or 5500 RIN
Transmission top case	406-040-052-105/-109	50,000 RIN	On-condition

3. Do the calculations that follow for the pylon side beams and adjust the component records:

a. Calculate the Retirement Index Number (RIN) as given in note 2 of Table 4-1. Discard the pylon side beams that have a RIN of 5500 or more.

b. If applicable to your aircraft, make an adjustment for the pilot training operations as given in the revised note 3 of Table 4-1. You must make a record of 0.4 flight hours for each practice autorotation from the time that the beams were new. Discard the pylon side beams that have the equivalent of 1000 hours or more.

4. Make an entry of the serial number of each pylon restraint spring on the two new component historical cards and put them in the helicopter technical log book. Make sure that the component historical card shows the data that follows:

Table 4-1. Airworthiness limitations schedule

Component	Part number	Current retirement (hrs or RIN)	New retirement (hrs or RIN)
Pylon restraint spring	407-010-206-103	On-condition	5000 hrs

5. Make note of the changes to Table 4-2, Inspection Limitations. The new Thomas coupling disk, 407-340-340-101, and the yoke assembly, 407-010-101-101, has been added to Table 4-2.
6. Make an entry in the helicopter historical record to show that this Alert Service Bulletin is completed.
7. Make an entry in the Record of Alert Service Bulletins in the Maintenance Manual.