

Date 12/10/2022

ACTT / Date Due

Page# 379

Corrective Action / Signature / Certificate #

[illegible]

Use reverse side for additional discrepancies

[illegible]

ACFT TT 4997.9

Log Page # 408

N406TD S/N 53745 HFS WO# 23-1987M

Complied with BHT407-MM-1, Chapter 5 Para. 5-17, Periodic inspection Event # 6 with reference to Para. 5-17.

Complied with BHT407-MM-1, Para. 5-20 600 hour inspection with reference to Para. 5-20.

Complied with BHT407-MM-1, Chapter 5 Para. 5-22, 12 month inspection with reference to Para. 5-22.

Complied with BHT407-MM-1, Chapter 5 Para. 5-24A, 2500 hour inspection with reference to Para. 5-24A

Complied with BHT-407-MM Chapter 12, Table 12-2, Note 10, 150 hour lubrication of the T/R D/S splines with reference to Chapter 12.

Complied with BHT407-MM Chapter 12, Table 12-1, 300 hour Airframe Fuel Filter replacement with reference to Chapter 12.

Complied with the monthly inspection of the installed fire extinguisher with reference to the manufacturers inspection data posted on the extinguisher.

Complied with Dart/Apical Emergency Float kit ICA ICAPHI-2, Pre-Flt, Semi- annual, 18 month & 3 year inspection with reference to the ICA.

Complied with Dart/Apical Emergency Float kit ICA ICAPHI-2, 3 year retirement of the Actuator cable.

Complied with AAI Crosstube ICA AA-00061, 300 hours or 12 month inspection with reference to the ICA.

Complied with AAI Skid Tube ICA AA-01141 300 hour or 12 month inspection with reference to the ICA.

Complied with AAI Float Step ICA AA-01162, 300 hour or 12 month inspection with reference to the ICA.

Complied with FAA AD2012-18-09 300 hour torque check of the Tailboom attachment hardware with reference to the AD and BHT407-MM. Next due ACTT 5297.9

Complied with Air Comm Corp. SB 407-300-1, Inspection of the driveshaft mounted pulley and drive ring installation with reference to the SB.

Complied with FAA AD2015-05-04 Part (e)(1)(i), BHT ASB407-11-95 Part II. 50 hour inspection of the upper left Longerons P/N 206-031-314-037, -177 or -2198.

With reference to the AD and ASB. Next due ACTT 5147.9

Complied with BHT 407-MM-1, Chapter 4, Table 4-1 Airworthiness Limitation Schedule. Time retirement of the left and right side Pylon Beams by removing S/N's TI1333 & TI1314.

Complied with BHT-407-MM, Table 5-5, Component Overhaul Schedule, 2500 hour overhaul of the Swashplate and Support Assy.

Complied with BHT 407-MM-1, Chapter 4, Table 4-1 Airworthiness Limitation Schedule. Time retirement of the Cyclic Long. Bellcrank P/N 407-001-526-109 S/N TI 373.

Complied with BHT 407-MM-1, Chapter 4, Table 4-1 Airworthiness Limitation Schedule. Time retirement of the Collective Bellcrank P/N 407-001-524-109 S/N TI 894.

Complied with BHT 407-MM-1, Chapter 4, Table 4-1 Airworthiness Limitation Schedule. Time retirement of the Bellcrank Support P/N 407-001-511-101 S/N TI 235

Complied with BHT 407-MM-1, Chapter 4, Table 4-1 Airworthiness Limitation Schedule time retirement of the Restraint Spring by removing S/N BP 787

Complied with Main Rotor track and balance in accordance with the BHT407-MM, made adjustments as necessary to restore acceptable vibration levels.

Complied with BHT 407-MM Table 5-3 Special Inspection, after ground run, initial installation torque check of the Mast nut and lower cone set.

Complied with after event / maintenance ground run to 100% NR. Operation and leak checks were satisfactory.

Complied with FAA FAR Part 91.407 (b), after maintenance check flight for an operational check of the maintenance performed or alteration made.

The work identified above was performed and inspected with reference to current regulations of the Federal Aviation Administration and the aircraft

is approved for return to service. Pertinent details of the work performed can be found under Helicopter Flight Services, Inc. WO# 23-1987M

Aircraft TT 4997.9

Date 3/16/23

Landings 12045

Engine TT 3105.9

Cycles 2633

 **Helicopter Flight Services, Inc.**
Helicopter Flight Services, Inc.

For: Helicopter Flight Services, Inc.

CRS # H44R404H

Aircraft N# N406TD Aircraft S/N 53745 Aircraft TT 4997.9 Date 3-16-23

Airframe / Engine Inspections ACTT / Date Due AD's / S/B's ACTT / Date Due

Page# 408

Engine 150hr Inspection
Event # 6
ELT Battery Retire
Transponder 2 year
Cabin Fire Ext Insp
Life Vests

5098.7
5012.6
Apr-24
Jan-25
Feb-23
Aug-26

Discrepancy ACTT Date Corrective Action / Signature / Certificate #

Complied with Daily Checks as per BHT-407-FM-1 Section 2	4997.9	3-16-23	Preflight completed by: SM 3893107
Pilot certifies that he/she has complied with the above:			
N406TD S/N 53745 HFS WO# 23-1987M During inspection found forward R/H side corner mount S/N LK5493 damaged beyond limits. Removed and replaced with newly overhauled corner mount S/N LK12807. Lower M/R pitch link rod end bearing S/N NH13518 on green M/R pitch link is found worn, replaced with new S/N NH24614. Lower M/R pitch link rod end bearing S/N NH13672 on blue M/R pitch link is found worn, replaced with new S/N NH24607. 6 Rivets found smoking on R/H side of bulkhead fuselage station #142.715, replaced with approved oversized rivet P/N CR7651-06-04 with ref to BHT 407 SRM. 10 Rivets found smoking on R/H corner of bulkhead fuselage atation #146.19, replaced with approved oversized rivets P/N CR3353-5-4 with ref to BHT 407 SRM. Oil cooler fairing support found to be broken, removed and replaced oil cooler fairing support bracket P/N 407-030-740-127S. Complied with after inspection and/or maintenance final inspection! Inspected all area's of aircraft for FOD and accomplished personal and shop tool inventory. Complied with after event / maintenance ground run to 100% NR. Operation and leak checks were satisfactory. The work identified above was performed and inspected with reference to current regulations of the Federal Aviation Administration and the aircraft is approved for return to service. Pertinent details of the work performed can be found under Helicopter Flight Services, Inc. WO# 23-1987MM. Aircraft TT <u>4997.9</u> Date <u>3/16/23</u> Landings <u>12045</u> Engine TT <u>3105.9</u> Cycles <u>2633</u>  For: Helicopter Flight Services, Inc. CRS # H44R404H			

Use reverse side for additional discrepancies

ACFT TT 5213.9

Log Page # 458

N406TD S/N 53745 HFS WO# 23-1997M

Complied with BHT407-MM-1, Chapter 5 Para. 5-16, Periodic Inspection Event # 5 with reference to Para. 5-16.

Complied with BHT407-MM-1, Chapter 4, Main Rotor Yoke 100 hour inspection with reference to Chapter 4.

Complied with BHT407-MM Chapter 12, Table 12-2, 50 hour or 3 month lubrication of the Swashplate bearing and the M/R P/C link bearings.

Complied with Air Comm Air Conditioning STC, ICA 407EC-200M-2, 50/100 hour inspections with reference to the ICA.

Complied with BHT407-MM-1, Chapter 4, Fig 4-5 Tailboom 407-030-801-201/-203/-205-ALL 300 hour inspection.

Complied with BHT-407-MM Chapter 12, Table 12-2, Note 10, 150 hour lubrication of the T/R D/S splines.

Note: 4 each T/R driveshaft couplings will require a torque check in 10 to 25 hours, due ACTT 5223.9 to 5238.9

Complied with BHT407-MM Chapter 12, Table 12-3, 300 hour or 12 month Main Transmission oil and filter replacement. Serviced with Royco 555.

Complied with BHT407-MM Chapter 12, Table 12-3, 300 hour or 12 month Tail Rotor Gearbox oil replacement. Serviced with Royco 555.

Complied with Paravion Dzus fastened snow deflector ICA PR206/407SD-120M, 300 hour or 12 month inspection with reference to the ICA.

Complied with AAI Rubber mounted chin bubble window ICA AA-05051 300 hr or 12 month inspection with reference to the ICA.

Complied with Precise Flight Pulselite STC, ICA 000PMAN0002 Para. 2-8, 12 month inspection with reference to the ICA.

Complied with Garmin GDL 88 ICA 190-01310-01 12month inspection with reference to the ICA.

Complied with Garmin G500H STC 190-01150-21, Para 2.5 12month and 5year inspection with reference to the ICA.

Complied with FAA AD2012-18-09 300 hour torque check of the Tailboom attachment hardware with reference to the AD and BHT407-MM. Next due ACTT 5513.9

Complied with FAA AD2004-10-07 (BHT ASB407-04-63 Part IV) 300 Hour lubrication of the oil cooler blower bearings with reference to Part IV of the ASB.

Next due ACTT 5513.9

Complied with FAA AD2018-10-06 (BHT ASB407-16-113) 330 hour inspection of Tail Rotor Drive Shaft splined couplings. Accomplished with reference to paragraph (e)(1) of the AD.

Complied with BHT ASB407-21-122 Part 1 Main rotor pitch link tube assembly 406-010-413-119/-133/-139, inspection and application of torque seal lacquer, with reference to the ASB.

Complied with after inspection and/or maintenance final inspection. Inspected all area's of aircraft for FOD and accomplished personal and shop tool inventory.

Complied with after event, inspection and / or maintenance ground run to 100% NR. Operation and leak checks were satisfactory.

The work identified above was performed and inspected with reference to current regulations of the Federal Aviation Administration and the aircraft is approved for return to service. Pertinent details of the work performed can be found under Helicopter Flight Services, Inc. WO# 23-1997M

Aircraft TT 5213.9

Date 5/23/23

Landings 12940

Engine TT 3321.6

Cycles 2724

 **HelINy.com**
Helicopter Flight Services, Inc.

For: Helicopter Flight Services, Inc.

CRS # H44R404H

ACFT TT 5506.2

Log Page # 513

N406TD S/N 53745 HFS WO# 23-2007M

Complied with BHT407-MM-1, Chapter 5 Para. 5-17, Periodic inspection Event # 6 with reference to Para. 5-17.

Complied with BHT407-MM Chapter 12, Table 12-2, 50 hour or 3 month lubrication of the Swashplate bearing and the M/R P/C link bearings.

Complied with BHT407-MM-1, Chapter 4, Fig 4-5 Tailboom 407-030-801-201/-203/-205-ALL 300 hour inspection.

Complied with Air Comm Air Conditioning STC, ICA 407EC-200M-2, 50 Hour inspections with reference to the ICA.

Complied with BHT407-MM Chapter 12, Table 12-2, 300 hour T/R D/S hangar bearing lubrication.

Complied with AAI Radar Altimeter Mount kit ICA report No. AA-TBA-16-008. 100 hour inspection with reference to the ICA.

Complied with BHT ASB407-21-122 Part 1 Main rotor pitch link tube assembly 406-010-413-119/-133/-139, inspection and application of torque seal lacquer, with reference to the ASB.

Complied with FAA AD2012-18-09 300 hour torque check of the Tailboom attachment hardware with reference to the AD and BHT407-MM. Next due ACTT 5806.2

Complied with FAA AD2004-10-07 (BHT ASB407-04-63 Part IV) 300 Hour lubrication of the oil cooler blower bearings with reference to Part IV of the ASB.

Next due ACTT 5806.2

Complied with BHT ASB407-21-123 Part 2 every 300 hour Tailboom inspection, with ref to the ASB. Items inspected found to be airworthy.

Complied with after inspection and/or maintenance final inspection. Inspected all area's of aircraft for FOD and accomplished personal and shop tool inventory.

Complied with after event, inspection and / or maintenance ground run to 100% NR. Operation and leak checks were satisfactory.

The work identified above was performed and inspected with reference to current regulations of the Federal Aviation Administration and the aircraft is approved for return to service. Pertinent details of the work performed can be found under Helicopter Flight Services, Inc. WO# 23-2007M

Aircraft TT 5506.2

Date 7/27/23

Landings 14150

Engine TT 7613.9

Cycles 2842


Helicopter Flight Services, Inc.

For: Helicopter Flight Services, Inc.

CRS # H44R404H