

SERVICE RECORD

GEARBOX ASSEMBLY

Part I
Page No. 1

FORM 2782C-1 (F) (4-79)

Gearbox Serial Number CAG - 35803



Engine Model 250-C20B

| INSTALLED | | | | | REMOVED | | | |
|-----------|---------|-----------------|--------------|---------|----------|--------------|---------|-------------------------|
| Date | Owner | A/C or Eng. S/N | Gearbox Time | | Date | Gearbox Time | | Reason |
| | | | Since OH | Total | | Since OH | Total | |
| 11-21-79 | | 832663 | NEW | 0.0 | 10/80 | TSN | 462.1 | Repair |
| 10-27-80 | | 832663 | TSN | 462.1 | 9-83 | TSN | 2729.3 | METAL |
| 9-26-83 | DIGITAL | " | " | 2729.3 | 3/22/84 | TSN | 2993.1 | Repair |
| 4/6/84 | DIGITAL | 832663 | TSN | 2993.1 | 4/27/84 | TSN | 3119.0 | Repair |
| 9/11/84 | " | " | TSN | 3119.0 | 6/21/88 | TSN | 6662.7 | Repair |
| 8/24/88 | Digital | 832663 | TSN | 6662.7 | 5.13.00 | 11227.3 | TSN | STUD REPAIR |
| 5.18.00 | HHI | 834850 | 11227.3 | TSN | 11.3.01 | 12748.9 | 12748.9 | Leaking TO Plug |
| 8-18-03 | an log | 831662 | 12748.9 | 12748.9 | 3-29-05 | 13882.9 | 13882.9 | Comp. T/C |
| 5.5.05 | Air Log | 831559 | 13882.9 | 13882.9 | 10-9-05 | 14429.7 | 14429.7 | FOD + Over Torque |
| 12-26-05 | an log | 836154 | 14429.7 | 14429.7 | 11-16-06 | 15444.9 | 15444.9 | Comp. #2 wheel failure |
| 2-1-07 | Air Log | 800956BA | 15444.9 | 15444.9 | 3-7-07 | 15483.7 | 15483.7 | oil consumption |
| 3-9-07 | Air Log | 800956BA | 15483.7 | 15483.7 | 12-12-07 | 15849.0 | 15849.0 | oil Exceeded 1500C |
| 7-16-08 | " | 836154 | 15849.0 | 15849.0 | 4/1/10 | 3001.2 | 11740.7 | Time Cont. Rep. per. on |

TRANSFER RECORD

Gearbox Serial Number CAG - 35803Engine Model 250- C20B

| SHIPPED | | | RECEIVED | | | |
|----------|----------|---------|--------------|--------|----------|----------|
| Date | From | To | Gearbox Time | | Date | By |
| | | | Since OH | Total | | |
| 11-21-79 | DDA-GMC | BELL | NEW | 0.0 | | |
| | | | | | 10-8-80 | Airwork |
| 10-27-80 | Airwork | Dec | TSN | 462.1 | | |
| | | | | | 11-25-80 | Airwork |
| 1-2-81 | Airwork | Digital | TSN | 491.6 | | |
| | | | | | 9-83 | KEYSTONE |
| 9-26-83 | KEYSTONE | DIGITAL | TSN | 2729.3 | | |
| | | | | | 3/22/84 | Keystone |
| 4/6/84 | Keystone | Digital | TSN | 2993.1 | 8/23/84 | KEYSTONE |
| 9/11/84 | KEYSTONE | DIGITAL | TSN | 3119.0 | | |
| | | | | | 6/21/88 | Keystone |
| 8/24/88 | Keystone | Digital | TSN | 6662.7 | | |

| Title | Signature | Organization |
|---|---|-----------------------|
| Power-Accessory Cover Assembly |  | Airwork |
| <i>Pinion Bear Bearing Cage - Replace</i> | | " |
| ADD LOCKTITE TO OIL PUMP GEARSHAFTS |  | KEYSTONE |
| INSPECTION OF SECONDARY BEARINGS. | | HELICOPTER |
| | | CPS 1011 |

MODIFICATION RECORD

GEARBOX ASSEMBLY

FORM 2783C-1(4-79)

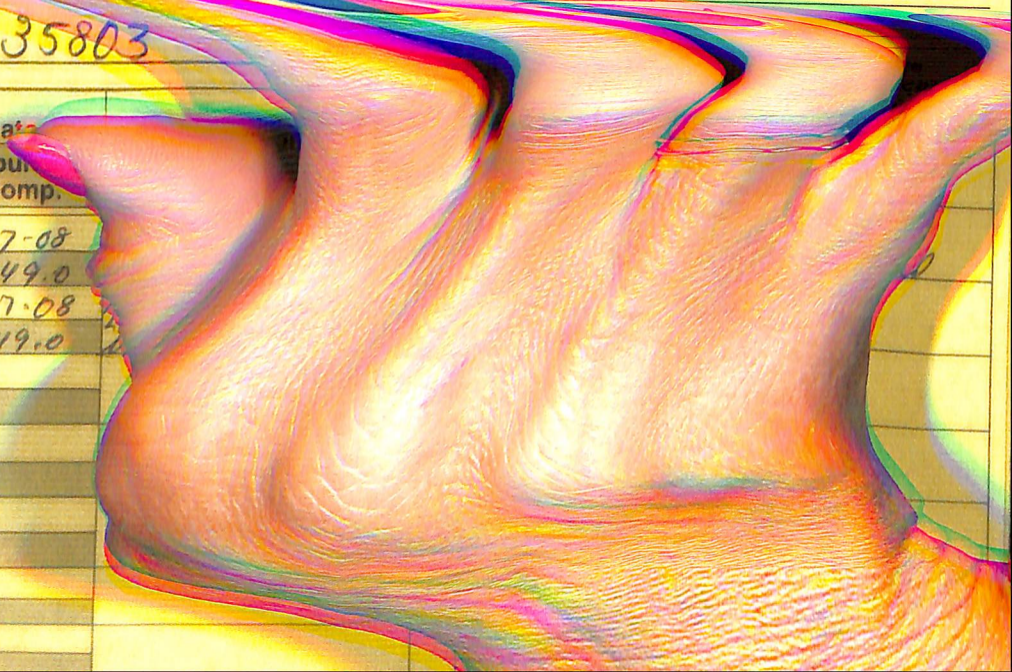
Gearbox Serial Number CAG - 35803

Engine Model 250- C20B

| Compliance Date | Bulletin or Directive No. | Title | Signature | Organization |
|-----------------|---------------------------|--------------------------------------|--------------------|--------------|
| 10-27-80 | CEB1133 | Power-Accessory Cover Assembly | <i>[Signature]</i> | Airwork |
| " | | Pinion Bear Bearing Cage - Replace | <i>[Signature]</i> | " |
| 9-26-83 | CEB 1218 | ADD LOCKTITE TO OIL PUMP GEARSHAFTS | <i>[Signature]</i> | KEYSTONE |
| " | CEB 1201 | INSPECTION OF SECONDARY BEARINGS. | <i>[Signature]</i> | HELICOPTER |
| " | CEB 1177 | INSPECT OIL DELIVERY TUBE. | <i>[Signature]</i> | CRS 1211 |
| 4/6/84 | CEB 1199 | Change oil pump attachment bolts | <i>T. Pluffer</i> | Keystone |
| 8/24/88 | CEB 1122R3 | Gearbox press. port helicoil inserts | | Keystone |
| 8/24/88 | CEB 1166 R2 | G/Box scavenge port helicoil inserts | | Engine |
| 8/24/88 | CEB 1168R2 | New 3 and 4 bearing cage | | Services |
| 8/24/88 | CEB-A-1226 R2 | Part I G/Box through bolt | | CRS 117-100 |
| " | " | attachment of idler gears | <i>Tam Rourke</i> | " |
| 8/24/88 | CEB 1228 | New style secondary bearing | | CRS 117-100 |

Component Serial Number CAG-35803

| AD # | Applicable CEB # | Date Hour & Comp. |
|------------|------------------|--------------------|
| 2001-20-51 | | 5-27-08 15849.0 |
| 2001-24-12 | CEB-A-1386 | 5-27-08 15849.0 |
| | | |
| | | |
| | | |
| | | |
| | | |



MODIFICATION RECORD

GEARBOX ASSEMBLY

Part III
Page No. _____

FORM 2783C-1(4-79)

Gearbox Serial Number CAG - 35803

Engine Model 250-C20B

| Compliance Date * | Bulletin or Directive No. | Title | Signature | Organization |
|-------------------|---------------------------|--|-----------------|--------------|
| 7-24-03 | CeB 1241 | ADD Bushings TO Filter HSG oil out Ports. | <i>M. Brown</i> | AL W/O #27 |
| 7-24-03 | CeB 1266 | Centrifugal Breather Gear, replace | <i>M. Brown</i> | AL W/O 27 |
| 7-24-03 | CeB 1274 | #3 + #4 Roller Bearings - INSTALL | <i>M. Brown</i> | AL W/O 27 |
| 7-24-03 | CeB 1307 | Inspection of oil Filter Tube for 6876925A for Proper Engagement | <i>M. Brown</i> | AL W/O 27 |
| 7-24-03 | CeB A-1351 | Gearbox-oil Delivery tube - replace | <i>M. Brown</i> | AL W/O 27 |
| 7-24-03 | FL-211 | Record Serialized Gears | <i>M. Brown</i> | AL W/O 27 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Gearbox Time | | Remarks | Signature | Organization |
|--------------|-------|---|----------------|--------------|
| Since OH | Total | | | |
| TSN | 462.1 | Inspected, repaired and tested per manufacturer's specifications. | <i>Rudolph</i> | Airwork |

This certifies that only the work requested by the customer and described on our work order listed below, was accomplished and inspected in accordance with manufacturer's specifications and with current Federal Aviation Administration regulations, and is approved for return to service. Pertinent details of this repair are on file at this agency under:

Job No. X-88076 Date Oct. 27, 1980

2098971

Time

Notes

INSPECTED

RED

Signature

Organization

[Handwritten Signature]

KEYSTONE

ifies that
work ord
nce with
Admini

requested by the customer and described
was accomplished and inspected in
specifications and with current Federal
ons, and is approved for return to service.
are on file at this agency under:

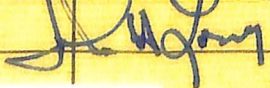
Date 9-26-83

[Handwritten Signature]

for

2729.3 TSN 2729.3

INSPECTED AND REPAIRED



KEYSTONE

This certifies that only the work requested by the customer and described on our work order listed below, was accomplished and inspected in accordance with manufacturer's specifications and with current Federal Aviation Administration regulations, and is approved for return to service. Pertinent details of this repair are on file at this agency under:

W.O. No. 11420 Date 9-26-83

Signed JOHN H. LONEY

INSPECTION — MAINTENANCE OVERHAUL RECORD GEARBOX ASSEMBLY

Part IV
Page No. 7

STONE HELICOPTER SERVICES
HOENIXVILLE PIKE • WEST CHESTER, PA 19380

Serial Number CAG-25803

Engine Model 250 C-20B

| Gearbox Time | | Remarks | Signature | Organization |
|--------------|----------|---|--------------------|------------------|
| Since OH | Total | | | |
| 11227.3 | 11227.3 | REPLACED MISSING TURBINE MOUNT STUD & #1 ENG. OIL PRESSURE LINE HELICOIL | <i>[Signature]</i> | ETI w/10 0016 |
| 12748.9 | 12748.9 | Repaired TAW mt oil manuals & C/w 3500 HR inspection. | <i>[Signature]</i> | AL w/10 22 |
| | | FINAL INSPECTION COMPLETE. APPROVED FOR RETURN TO SERVICE STATION #0151C. INSPECTOR <i>[Signature]</i> | | |
| 13,882.9 | 13,882.9 | Repaired TAW, Roll-Royce M&O manuals. | <i>[Signature]</i> | AL w/10 # 31529 |
| | | FINAL INSPECTION COMPLETE. APPROVED FOR RETURN TO SERVICE | | |

Remarks

Signature

MISSISSIPPI ENGINE

STUDY ENG. OIL

LIQUID

TAW removals &

action.
ED FOR RETURN TO SERVICE

Signature

Signature

Signature

| Remarks | Signature | Organization |
|--|--------------------|-----------------------------|
| REPLACED MISSING TURBINE | | |
| MOUNT STUD & #1 ENG. OIL | | |
| PRESSURE LINE HELICOIL | Edan | ETI W/O 0016 |
| REPAIRED IAW MTOILH PANELS & | | |
| C/W 3500 HR INSPECTION. | McBride | AL W/O 27 |
| FINAL INSPECTION COMPLETE. APPROVED FOR RETURN TO SERVICE STATION ALONGSIC INSPECTOR W. Miller | | |
| REMOVED IAW ROLL RACE M&O MANUALS | Tanner | AL W/O # 30529 |

| Remarks | Signature | Organization |
|---|------------------|-----------------------------|
| REPLACED MISSING TURBINE | | |
| MOUNT STUD & #1 ENG. OIL | | |
| PRESSURE LINE HELICOIL | Edson | ETI W/O 0016 |
| REPAIRED IAW MTOH PANELS & | Edson | AL W/O 27 |
| S/W 3500 HR INSPECTION. | Edson | AL W/O 27 |
| INSPECTION COMPLETE. APPROVED FOR RETURN TO SERVICE STATION # 051236. INSPECTOR Edson | Edson | AL W/O 27 |
| I/AW, Rolls Royce M&O manuals. | Tommy L. Lundy | AL W/O # 30529 |



KEYSTONE HELICOPTER SERVICES
1420 PHOENIXVILLE PIKE • WEST CHESTER, PA 19380

INSPECTION — MAINTENANCE OVERHAUL RECORD GEARBOX ASSEMBLY

Part IV
Page No. 7

Gearbox Serial Number CAG-25802

Engine Model 250 C-20B

| Date | Gearbox Time | | Remarks | Signature | Organization |
|---------------------|---------------------|---------------------|---|-------------------------------|---------------------------|
| | Since OH | Total | | | |
| 5-16-00 | 11227.3 | 11227.3 | REPLACED MISSING TURBINE MOUNT STUD & #1 ENG. OIL PRESSURE LINE HELICOIL | <i>[Signature]</i> | ETI w/o 0016 |
| 7-24-03 | 12748.9 | 12748.9 | Repaired TAW mtd oil manuals & C/W 3500 HR inspection. | <i>[Signature]</i> | AL w/o 27 |
| 4-18-05 | 13,882.9 | 13,882.9 | Repaired TAW, Roll-Royce M&O manuals. | <i>[Signature]</i> | AL w/o # 30529 |
| 12-14-05 | 14,429.7 | 14,429.7 | Repaired & C/W 3,500 hr. inspections, TAW, Roll-Royce M&O manuals. | <i>[Signature]</i> | AL w/o # 35781 |
| 11-28-06 | 15444.9 | 15444.9 | Repaired TAW, Roll-Royce M&O manuals. | <i>[Signature]</i> | AL w/o 49808 |



KEYSTONE HELICOPTER SERVICES
1420 PHOENIXVILLE PIKE • WEST CHESTER, PA 19380

INSPECTION — MAINTENANCE OVERHAUL RECORD GEARBOX ASSEMBLY

Part IV **8**
Page No. **8**

Gearbox Serial Number CAG.35803 Engine Model 250C-20-B

| Date | Gearbox Time | | Remarks | Signature | Organization |
|---------|--------------|---------|--|--------------------|--------------|
| | Since OH | Total | | | |
| 3-8-07 | 15483.7 | 15483.7 | Oil & visual inspection + found serviceable | <i>[Signature]</i> | ACW/o 54581 |
| | | | FINAL INSPECTION COMPLETE. APPROVED FOR RETURN TO SERVICE. REPAIR STATION AGRISIC INSPECTOR <i>[Signature]</i> | | |
| 5-26-08 | 15849.0 | 15849.0 | Repaired G/B 1AW Rolly Royce M:O Manuals | <i>[Signature]</i> | ACW/o 66633 |
| | | | FINAL INSPECTION COMPLETE. APPROVED FOR RETURN TO SERVICE. REPAIR STATION AGRISIC INSPECTOR <i>[Signature]</i> | | |
| 6-16-08 | 15849.0 | 15849.0 | REPAIRED TURBINE MOUNT STUD. 1.00 INSPECTION. | <i>[Signature]</i> | ACW/o 74266 |
| | | | REPAIRED ROLLY ROYCE M:O MANUALS. FINAL INSPECTION COMPLETE. APPROVED FOR RETURN TO SERVICE. REPAIR STATION AGRISIC INSPECTOR <i>[Signature]</i> | | |
| 6/28/10 | 3001.2 | 17480.7 | Referenced time cont. Insp. JA. 1003 | <i>[Signature]</i> | AC 22228 |

Rotocraft Leasing Co LLC DATE: 6/28/10
Maintenance Release WO#: P22228
This airframe, component, aircraft engine, rotor or appliance identified above was repaired and inspected in accordance with FAA current regulations of the FAA and is approved for return to service. Pertinent details of this repair are on file at this Repair Station under above work order.
Authorized Signature: *[Signature]* CRS YTRR264L