



Ambri 04.11.2011

Robinson R22 Beta 2 Year 2007



Note: all details are subject to verification and are not intended as a definitive representation!

TOP Helicopters

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| | |
|---------------------------------------|--|
| In a nutshell: | |
| Aircraft Type | <i>R 22 Beta 2</i> |
| Year of construction | <i>2007</i> |
| Total time (airframe - engine) | <i>1475 hours</i> |
| Colour | <i>Blue metallic with gold stripes</i> |

| Chs | Probs | Inspection | Unterlagen | Interval | | | |
|------------|-------|--|------------|---------------------------|---|------------|-----|
| | | aktueller Stundenstand | | | 1475 | | |
| X | | Airworthiness review (i.a.w. EC No 2042/2003 M.A.710) performed | | 1 Years (-90 Tage) | 03.01.2012 | | |
| | | Note | N/A | N/A | (OH 2013) | | |
| | | Rev. Manuals | N/A | N/A | MM Rev. JAN 2011 / OM 60297-12-5 Rev. December 2009 | | |
| | | AMP | N/A | N/A | AMP HB-ZIK Issue 1 / Rev. 2 | | |
| | | 25 hrs. inspection Engine / Lycoming MSB 480E performed. (Oil and Filter Change and Screen Cleaning) | | 25 hrs. / 4 Months | N/A by Type | | |
| X | | 50 hrs. inspection engine performed | Kontrollb | 50 hrs. / 4 Months | 1517 | 11.12.2011 | N/A |
| X | | Lycoming MSB 480E performed (Oil and Filter Change and Screen Cleaning) | | | | | |
| X | | Lycoming SI 1080C performed (Maintenance Items for Special Attention) | | | | | |
| | | After work's ground run completed | | | | | |
| X | | 100 hrs. inspection airframe performed | Kontrollb | 100 hrs. | 1517 | N/A | N/A |
| X | | 100 hrs. inspection engine performed | Kontrollb | | | | |
| X | | TMC SB 643B performed (MAINTENANCE INTERVALS FOR ALL TCM AND BENDIX AIRCRAFT) | | | | | |
| X | | Lycoming SI 1129B performed (Methods of Checking DC Alternator and Generator Belt Tension) | | | | | |
| X | | Lycoming MSB 366B performed (Carburator Throttle Body Screw insp.) | | | | | |
| X | | RHC SB-103 (FAA AMOC for AD 2011-12-10) performed | | | | | |
| X | | MGB & TGB mag. Plug insp. (annual) performed | | 100 hrs. / 1 Year | N/A | 05.11.2011 | N/A |
| | | Jährlicher Mindestunterhalt gem. TM 02.020-10 | | 1 Year | N/A | 05.11.2011 | N/A |
| | | Fire extinguisher insp. (i.a.w. H3R SM) | TM-M 50 | 1 Year | N/A | 13.01.2012 | N/A |
| | | First Aid Kit insp. performed (i.a.w. TM-W 50.060-90 ??????? TM ev. Nicht mehr gültig) | TM-W 50 | 1 Year | N/A | 25.02.2012 | N/A |
| | | AMP überprüfen (fakultativ) | | 1 Year | N/A | 24.05.2012 | N/A |
| X | | LTA HB 2005-378 (FAA AD 2005-16-05) performed (Tech Tool Door assy insp.) | | 100 hrs. | N/A | N/A | N/A |
| X | | RHC SB-90A (LTA HB 2003-144) performed (T/R Swash Plate insp. Rev. J or prior) | | 300 hrs. / 1 Year | N/A by Rev. L | | |
| | | Upper clutch Bearing lubrication performed | | 300 hrs. / 1 Year | 1517 | 03.11.2011 | N/A |
| | | Lower Actuator Bearing A181-4 lubrication performed (Rev. K, L, M) | | 300 hrs. / 1 Year | N/A by Rev. N | | |
| X | | Lycoming MSB 301B / MSB 388C (LTA HB 2006-330, EASA AD 2005-0023R3) performed (Exhaust) | | 300 hrs. | 1696 | N/A | N/A |
| | | Dart Bearpaw 300 hrs. insp. performed (i.a.w. ICA-D022-661 Rev. 0) | STC/Bear | 300 hrs. | N/A | N/A | N/A |
| X | | Magneto changed (i.a.w. Lycoming SB 576, TMC SB663A and Lycoming O/H Manual 60294-1) | | 500 hrs. / 4 Years | 1830 / 1517 | 14.05.2014 | N/A |
| | | MGB & TGB Oil change and Mag. Plug insp. performed | | 500 hrs. | 1785 | N/A | N/A |
| X | | LTA HB 90-329A (FAA AD 88-26-01R3, LTA D-88-282/3) performed (M/R Blade insp.) | | 500 hrs. | 1785 | N/A | N/A |
| | | Lower Actuator Bearing A181-4 lubrication performed (Rev. N) | | 600 hrs. / 4 Years | 1562 | 01.04.2014 | N/A |
| | | ELT Self Test performed (i.a.w. KANNAD OM) | | 1 Year | N/A | 13.01.2012 | N/A |
| | | Compass compensation (i.a.w. TM-W 20.040.00) performed (CH) | | 2 Years | N/A | 09.03.2013 | N/A |
| | | Compass compensation performed (D) | | 1 Year | N/A | N/A | N/A |
| | | Avionic insp. performed | | 1 Year | N/A | N/A | N/A |
| X | | LTA HB 2006-500R1 (EASA AD 2006-0263, TM-W 20.020-20 and 20.100-20) by Avionitec AG | | 2 Years (-90 Tage) | N/A | 26.08.2012 | N/A |
| | | ELT Kannad 406 AF / AF-H insp. performed (i.a.w. Kannad OM) | | 2 Years | N/A | 26.08.2012 | N/A |
| | | A/F Battery changed (i.a.w. ICA Rev. J; Date February 20, 2007) | | 3 Years | N/A | 25.02.2013 | N/A |
| | | Weight and Balance performed (i.a.w TM-M 73.920-12, CAME 1.12) (Kommerziell) | Wägungs | 2200 hrs. / 4 Years | N/A by AMP | | |
| | | Weight and Balance performed (i.a.w TM-M 73.920-12, CAME 1.12) (Private Schw) | Wägungs | 2200 hrs. / max. 10 Years | 2200 | 13.02.2017 | N/A |
| X | | O/H | | 2200 hrs. / 12 Years | 2200 | 13.02.2019 | N/A |
| | | ELT Batterie changed | | | N/A | 31.06.2012 | N/A |
| | | ELT Typ / ELT Code | | | Kannad | | |
| END | | | | | | | |

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| Overhaul Component Running Hours | | | | | |
|----------------------------------|--|-------------------|------|-------------------|--------------------------|
| | Main Rotor Hub (A154-1) | 2200 | 4400 | N/A | (S/N 5888) |
| | Main Rotor Swashplate (A017-2) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 4980) |
| | Main Rotor Gearbox (A006-1)(A006-6) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 4540) |
| | Main Rotor Drive Yoke Assy (A907-4) | 2200 / 12 Years | 2200 | 13.02.2019 | N/A |
| | Main Rotor Drive Shaft (A251-1) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 6122) |
| | Shaft Clutch (A166-1) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 7701) |
| | Bearing assy (A181-4) | 2200 | 2200 | N/A | (S/N 5994) |
| | Sprag Clutch (A188-2) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 7816) |
| | V-Belt (A190-2) | (2200 / 12 Years) | 2200 | 13.02.2019 | N/A |
| | Actuator Assy (A051-1) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 5343A0) |
| | Fanshaft and Bearing assy (A007-5) | 2200 / 12 Years | 2200 | 13.02.2019 | N/A |
| | Fanwheel Assy (B174-1) | 2200 / 12 Years | 2200 | 13.02.2019 | N/A |
| | Engine (O-320-B2C / O-360-J2A) | 2200 | 2200 | 13.02.2019 | (S/N L-40404-35A) |
| | Right Magneto (10-600644-201) | 500 / 4 Years | 1830 | 14.04.2015 | N/A |
| | Left Magneto (10-600614-1) | 500 / 4 Years | 1517 | 14.05.2014 | N/A |
| | Alternator (ALY 8420)(ALY-8520LS) | 2200 | 2200 | 13.02.2019 | (S/N F063657) |
| | Starter (BC-315-100-2) | 2200 | 2200 | 13.02.2019 | (S/N H2M-370610) |
| | Carburator (MA-4SPA)(Facet 10-5217)(LW-15986) | 2200 | 2200 | 13.02.2019 | (S/N 75877722) |
| | Oil Cooler (20008A)(10614T) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 2085) |
| | Tail Rotor Drive Shaft Yoke (B223-1) | 2200 / 12 Years | 2200 | 13.02.2019 | N/A |
| | Tail Rotor Drive Shaft Yoke (B223-6) | 2200 / 12 Years | | | |
| | Tail Rotor Drive Shaft Assy (B224-1) | 2200 / 12 Years | | N/A by P/N B224-3 | |
| | Tail Rotor Drive Shaft Assy (B224-3) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 5812) |
| | Tail Rotor Yoke Assy (A195-1) | 2200 / 12 Years | 2200 | 13.02.2019 | N/A |
| | Tail Rotor Gearbox (A021-1, B021-1) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 1283) |
| | Tail Rotor Pitch Control (A031-1) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 6314) |
| | Tail Rotor Bellcrank (A120-1) | 2200 / 12 Years | 2200 | 13.02.2019 | N/A |
| | Lower R.H. Frame Assy (A046-2) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 4823M) |
| | Lower L.H. Frame Assy (A046-1) | 2200 / 12 Years | 2200 | 13.02.2019 | N/A |
| | Upper Frame Assy (A020-2) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 5648) |
| | Tail Cone Assy (A023-) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 5026) |
| | Horizontal Stabilizer (A044-1) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 5966) |
| | Governor (B286-2) | 2200 / 12 Years | 2200 | 13.02.2019 | N/A |
| Life Limited Parts | | | | | |
| | Main Rotor Blade (A016-2) | 2200 / 10 years | | | |
| | Main Rotor Blade (A016-4) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 5602D, 5808D) |
| | Main Rotor Blade (A016-6) | 2200 / 12 Years | | | |
| | Upper Frame Assy (A020-2) Rev. R and Prior | 4200 | | | N/A by P/N A020-2 Rev A1 |
| | Upper Frame Assy (A020-2) Rev. S and Subsequent | 4400 | 4400 | N/A | (S/N 5648A1) |
| | Lower R.H. Frame Assy (A020-84) | 5110 | | | N/A by P/N A046-2 |
| | Tail Cone Assy (A023-1,-20,-22, and -23) | 4400 | 4400 | N/A | (S/N 5026) |
| | Tail Rotor Blade (A029-1) | 5525 | | | N/A by P/N A029-2 |
| | Tail Rotor Blade (A029-2) | 2200 / 12 Years | 2200 | 13.02.2019 | (S/N 1411, 1414) |
| | Tail Rotor Hub Assy (A030-1) | 6260 | | | N/A by P/N A062-2 |
| | Lower R.H. Frame (A046-2) | 5110 | 5110 | N/A | (S/N 4823M) |
| | Upper Frame Assy (A047-1) | 4400 | | | N/A by P/N A020-2 Rev A1 |
| | Tail Rotor Hub Assy (A062-2) | 6000 | 2200 | N/A | (S/N 3433) |
| | Pinion, Main Rotor Gearbox (A146-1) (O-360 Engine) | 2200 | 2200 | N/A | (S/N 9461) |
| | Main Rotor Hub (A154-1) | 4400 | 4400 | N/A | (S/N 5888) |
| | Main Rotor Spindle (A158-1) | 2415 | 2415 | N/A | (S/N 18541, 18537) |
| | Gear Set, Tail Rotor Gearbox (B545-1) | 2200 | 2200 | N/A | (S/N 1257) |
| | Tail Rotor Blade Attach Bolt (NAS 1304-24 or NAS6604-24) | 4430 | 4430 | N/A | N/A |
| | Coning Hinge Bolt (NAS630-80 or MS21250-10080) | 2200 | 2200 | N/A | N/A |
| | Main Rotor Pitch Horn Screw (NAS1351-4-20 or A722-1 or -2, qty 24) | 2200 | 2200 | N/A | N/A |
| | First Aid Kit | div. | N/A | 04.2014 | N/A |
| | Fire extinguisher (i.a.w. H3R SM) | 12 Years | N/A | 2017 | N/A |

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