

Robinson R22-series helicopters (TCDS H10WE):

- [2024-20-03](#) Remove D270-1 Rev A thru E governor controller from service and install D270-1 Rev F or later approved revision ([SB-121](#))
- [2024-04-02](#) Before the first flight of the day, check each A029-2 REV A thru U TRB tip cap area ([SL-93A](#), [SB-120C](#), [AMOC to AD 2024-04-02](#))
- [2023-11-07](#) Restrictions on operations requiring radar altimeters ([Statement to accompany AD 2023-11-07](#), supersedes AD 2021-23-13)
- [2022-12-08](#) Inspect & modify C143-1 engine-RPM sensor wiring ([SB-119](#); [AMOC to AD 2022-12-08 dated 2025.06.23](#), [AMOC to AD 2022-12-08 dated 2024.06.13](#), [AMOC to AD 2022-12-08 dated 2022.08.05](#))
- [2014-23-16](#) Inspect A016-4 MRBs, retire by JAN 2020, ([SB-103A](#), [SB-96](#), [SL-56B](#), supersedes 2011-12-10)
- [2013-19-06](#) R22 s/n 0002-4271 w/ A670-1 Rev A-H lever-handle fuel shut-off valve ([SB-105](#))
- [2010-24-03](#) R22 s/n 0002-3325 w/ >2200h TTIS, tail rotor pedal bearing block supports ([SB-97](#))
- [2005-16-05](#) R22's modified by Tech Tool Plastics' door STC SR09189RC
- [2004-19-09](#) A016-2 MRB 10-yr life, retires A016-1, supersedes 2004-06-52, moots 94-15-08 & 80-11-07
- [2003-04-04](#) A031-1 Rev J or prior TR pitch control ([SB-90A](#))
- [2000-20-51](#) A203-5 yoke half assy Lots 24 thru 43, or letter-coded ([SB-88A](#))
- [2000-08-09](#) A188-2 s/n 3708-3757, 3808-3893, & 3908-4207 ([SB-85](#))
- [99-07-17](#) A188-2 s/n 3708-3757, 3808-3893, & 3908-4207 ([SB-85](#))
- [99-02-02](#) A947-1 Rev A-D, A193-1 flexplate ([SB-73](#) & [SB-75](#); supersedes 98-14-08, 95-06-07, 94-11-01)
- [98-21-09](#) Fuel tank vent modifications ([SB-83](#) & [SB-84](#))
- [97-25-05](#) R22 s/n 2571-2664 carburetor & CAT gage change ([SB-82](#))
- [97-02-14](#) Chg Nr warning, install gov'r, POH rev ([SB-80A](#); supersedes 96-11-08 & 82-23-51, SB25)
- [96-09-29](#) A170-1 Rev I & J & A170-2 Rev J upper sheaves ([SB-77](#))
- [95-26-04](#) POH change (supersedes 95-04-14 & 95-02-03)
- [95-23-05](#) A021-1 TRGB mfg'd or OH'd prior to 8 June 92 ([SB-74](#), [SL-45](#); supersedes 94-17-07)
- [95-11-09](#) POH change & install placard prohibiting Low-G pushovers ([SB-79](#))
- [95-06-03](#) A006-1 Rev A thru Z MRGB, manufactured or overhauled prior to 15 June 92 ([SB-76](#))
- [92-06-17](#) NAS1304-16 bolts marked "AF" ([SB-69](#))
- [90-17-01](#) Carburetor airbox latches ([SB-61](#))
- [88-26-01 R2](#) A158-1 MR Spindles ([SB-60A](#); supersedes 88-24-03)
- [87-18-03](#) A258 pitch links ([SB-57](#))
- [84-18-04](#) A006-1 MRGB Rev A thru V ([SB-43](#))
- [83-15-07 R1](#) A016-1 Rev W MR blades ([SB-33](#))
- [82-15-07](#) Tail rotor drive R22 s/n 0002 thru 0282 ([SB-20](#), [SL-14](#))
- [82-11-01](#) A020-2 frame s/n 0002 thru 0287 ([SB-47](#), [SB-23](#), [SB-18](#), [SB-3](#))

Robinson R22-series helicopters (TCDS H10WE):

[82-03-07](#) A016-1 Rev A-V MR blades ([SB-13](#); supersedes 81-24-10 & 81-19-03)

[81-05-52 R1](#) A194 yoke R22 s/n 0002 thru 0095 as specified ([SB-11](#), [SB-9](#), [SB-6](#))

[80-26-06](#) Tail rotor drive R22 s/n 0002 thru 0058 ([SL-6](#))

[80-24-01](#) A020-2 frame s/n 0002 thru 0082

[80-21-53](#) MRGB gears s/n 39 thru 210

Robinson R44-series helicopters (TCDS H11NM):

- [2024-23-01](#) Requires inspection of each A185 [riveted] bracket and depending on the results, accomplishing additional inspections or taking any necessary corrective actions ([SB-113](#), [SL-61B](#))
- [2024-20-03](#) Remove D270-1 Rev A thru E governor controller from service and install D270-1 Rev F or later approved revision ([SB-114](#))
- [2024-19-11](#) Engine/Transmission coupling - clutch shaft forward yoke pn C907-1 & -2 ([SL-91](#), [AMOC to FAA AD 2024-19-11 Ref. 775-24-00418](#), [AMOC to FAA AD 2024-19-11 Ref. 775-24-00419](#), [AMOC to FAA AD 2024-19-11 Ref. 775-25-00002](#))
- [2024-04-02](#) Before the first flight of the day, check each C029-3 REV A thru Q TRB tip cap area ([SL-82A](#), [SB-112C](#), [AMOC to AD 2024-04-02 dated 2025.01.23](#))
- [2023-11-07](#) Restrictions on operations requiring radar altimeters, ([SB-117](#), [Statement to accompany AD 2023-11-07](#); supersedes AD 2021-23-13)
- [2022-19-12](#) Inspect C029-3 TR blades (S/Ns 9410-10659) for cracks prior to each flight ([SB-108](#), [SB-110](#), supersedes 2021-19-08)
- [2022-12-08](#) Inspect & modify engine RPM sensor wiring ([SB-111](#); [AMOC to AD 2022-12-08 dated 2025.06.23](#), [AMOC to AD 2022-12-08 dated 2024.06.13](#), [AMOC to AD 2022-12-08 dated 2022.08.05](#))
- [2020-18-08](#) R44 II engine air induction hose pn A785-31, inspect ([SB-97](#), supersedes 2019-12-18)
- [2020-08-10](#) Inspect C029-2 TR blades (last delivered DEC 2011) for cracks prior to each flight
- [2016-26-04](#) Alter C016-7 Rev AA-AE MRBs ([SB-89](#))
- [2014-23-16](#) Inspect C016-2,-5 MRBs, retire by JAN 2020 ([SB-72A](#), [SB-61](#), [SL-32B](#), supersedes 2011-12-10)
- [2013-05-15](#) R44 & R44 II w/emergency floats D757-1 inflation valve w/ D758-1 C or prior housing ([SB-80](#))
- [2010-24-03](#) R44 s/n 0001-1200 w/ >2200h TTIS, tail rotor pedal bearing block supports ([SB-63](#))
- [2007-11-01](#) C628-4 seat belt buckle assy Rev M or prior
- [2003-24-51](#) NAS6605-31 bolts marked "01DO" ([SB-51](#))
- [2003-04-05](#) C031-1 Rev G & prior pitch control ([SB-43A](#))
- [2001-20-18](#) C044-1 horizontal stabilizers S/Ns 0009-0224 ([SB-39](#))
- [2000-08-04](#) C188-3 sprag clutch S/Ns 0003-0505 ([SB-32](#) & [SB-36](#))
- [2000-07-03](#) Wire harness contacting A762-2 fuel line assy ([SB-68](#))
- [99-23-01](#) A756-6 Rev N/prior grip ([SB-17](#); supersedes 98-21-36)
- [99-17-17](#) C908-1C yokes Lots 36B, 37, & 38 ([SB-35](#))
- [99-13-11](#) Aux fuel tank drain tube shutoff clamp & placard ([SB-30](#))
- [99-07-18](#) C188-3 sprag clutches S/Ns 0003-0452 ([SB-32](#))
- [98-22-16](#) Install C016-2 MR blades ([SB-28A](#); supersedes 98-12-19)
- [98-05-10](#) Replace oil cooler line engine-mounted aluminum elbows with steel elbows ([SB-25](#))
- [98-04-12](#) Lateral trim spring shaft inspection ([SB-26](#))

Robinson R44-series helicopters (TCDS H11NM):

- [97-16-02](#) Actuator switch inspection, replace clutch assy ([SB-21](#) & [SB-23](#))
- [97-02-15](#) Rotor RPM warning change, POH revision (supersedes 96-11-09)
- [96-18-22](#) C006-1 Rev A thru P main rotor gearboxes ([SB-15](#))
- [95-26-05 R1](#) Rescinds 95-26-05 (supersedes 95-04-13 & 95-02-04)
- [95-11-10](#) POH change & Low-G placard installation ([SB-6](#))
- [95-09-07](#) Push-pull tube roller guide installation ([SB-4](#))
- [94-26-10](#) Cyclic control parts (supersedes 94-17-18)

Robinson R66 helicopters (TCDS R00015LA):

[2024-04-02](#) Before the first flight of the day, check each F029-1 REV A thru F TRB tip cap area ([SL-40A](#), [SB-41C](#), [AMOC to AD 2024-04-02 Ref. 772-25-00024](#))

[2023-11-07](#) Restrictions on operations requiring radar altimeters, ([SB-43](#), [Statement to accompany AD 2023-11-07](#), supersedes AD 2021-23-13)

[2022-19-12](#) Inspect F029-1 TR blades (S/Ns 2410-2589) for cracks prior to each flight ([SB-40](#))

[2021-04-12](#) Replace hanger bearing on D224-3 TR drive shaft ([SB-20B](#))

[2019-07-02](#) Remove oil tank, or modify tank outlet, as specified ([SB-21A](#))

[2016-26-04](#) Alter F016-2 Rev A-E MR blades ([SB-13](#))

Engines:

**Lycoming O-320-B2C (TCDS E-274), O-360-J2A (TCDS E-286), O-540-F1B5 (TCDS E-295),
IO-540-AE1A5 (TCDS 1E4)**

- [2024-21-02](#) Connecting rod bushing inspections ([SB-480F](#), [SB-630B](#))
- [2017-16-11](#) Connecting rod non-conforming small end bushings ([SB-632B](#))
- [2015-19-07](#) Externally mounted fuel injection lines ([SB-342G](#); ss 2011-26-04, ex-2008-14-07)
- [2012-19-01](#) Crankshafts in specified s/n O-540 & IO-540 engines ([SB-569A](#), [SB-569A-S1](#), ex-2006-20-09)
- [2012-03-06](#) Fuel injection servo with PMA'd AFS fuel servo diaphragm ([AFS-SB6](#); ex-2011-15-10)
- [2006-12-07](#) Non-Lycoming ECI "Classic cast" cylinder assemblies O-320/-360/-540-series only
- [2006-10-21](#) Non-Lycoming 360-/540-series ECI connecting rods P/N AEL11750
- [2005-19-11](#) 360-/540-series crankshafts installed after March 1, 1999 ([SB-566](#), [SB-566-S1](#))
- [2004-10-14](#) Crankshaft gear ([SB-475C](#), [SB475C-S1](#); supersedes AD 91-14-22)
- [2004-05-24](#) 540-series crankshaft gear retaining bolt ([SB-554](#), [SB-554-S5](#); supersedes 2002-23-06)
- [99-03-05](#) Crankshaft gear retaining bolt on O-540-F1B5 ([R44 SB-29](#))
- [98-17-11](#) Crankshafts repaired by Nelson Balancing Service
- [98-02-08](#) Crankshaft corrosion ([SB-505B](#); ref only- does not apply to helicopter installations)
- [97-15-11](#) Piston pins (SB-527C; supersedes 97-01-03)
- [96-23-03](#) Specified flange number high-pressure fuel pumps (SB-525A)
- [96-09-10](#) Iron/aluminum oil pump impellers ([SB-524](#), [SB-524-S1](#); supersedes 81-18-04 R2)
- [95-26-02](#) Fuel contamination (supersedes 94-14-13)
- [95-07-01](#) Non-Lycoming connecting rod bolts (O-360 & larger engines only)
- [92-12-05](#) Piston pins (SB-501B)
- [87-10-06 R1](#) Rocker arms (SB-477A)
- [75-08-09](#) Oil pump drive shaft and impeller ([SB-524](#))
- [73-23-01](#) P/N 69650 piston pin failures (SB-367F)

Rolls-Royce 250-C300/A1 (TCDS E4CE)

- [2022-10-06](#) Replace P/N RR30000240 4th-stage wheel as specified (supersedes 2017-18-14)

Appliances:

ACS Products Company and Gerdes Products Company:

[93-05-06](#) Ignition switch wear, corrosion, & lubrication check (RHC once used Gerdes p/n A510-2)

AlliedSignal Inc:

[98-14-03](#) King KT 76A p/n 066-1062-00/10/02 s/n 93,000-109,999

Am-Safe, Inc:

[87-17-06](#) Seat belt/harness restraint connector (RHC SB 55; RHC has used p/n 501907-401 and -405)

EON Corporation:

[87-04-19](#) E6000 buckle assemblies, seat belt

[80-05-04](#) E2900 & E8000 seat belts & harnesses

Garmin International:

[2005-01-19](#) GTX 330 Transponder software upgrade (supersedes 2004-10-15)

[2001-23-17](#) GNS 430, specific s/n require circuitry change (SB 9905)

Mechanical Products, Inc:

[87-06-09](#) Circuit breakers, series 4001, 4200, 4310, & 8500

Precision Airmotive LLC (formerly FACET AEROSPACE, MARVEL-SCHEBLER, & BENDIX):

[2009-02-03](#) RSA-10 fuel inj. servo's 365533 gasket ([MSB PRS-107](#), supersedes 2008-08-14, 2008-06-51)

[98-01-06](#) Venturi replacement (supersedes 93-18-03)

[93-19-04](#) Aftermarket CFS floats marked "10-91" (supersedes 92-15-16)

[89-04-02](#) Replace 62-226 air metering stop pin

[72-06-05 R2](#) Throttle arm inspection

Continental Motors (formerly TCM, formerly BENDIX):

[94-06-09](#) Capacitor p/n 10-349276 Lots 93-40 & 93-42 (TCM CSB 641)

[94-01-03 R2](#) Replace coil, magnet (TCM MSB644; supersedes 73-07-04)

[82-20-01](#) Impulse couplings with <300 operating hours (Bendix SB 623)

[81-17-01](#) 5-contact bushing starter vibrators (Bendix SB 614)

[76-07-12](#) Ignition switches without 4-digit date codes (Bendix SB 583)

[74-26-09](#) Magneto solid steel drive bushing (Bendix SB 556)

United Instruments, Inc:

[2017-04-06](#) Altimeter erroneous indication due to diaphragm leak

[86-05-02](#) Altimeter non-synchronization

[74-24-13](#) P/N 5932() & 5934(), specified s/n altimeters