

HARTZELL PROPELLER INC.
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1	obsolete	Prevention of hub failures. All HC-42XF-2 propellers installed on Luscombe Model 11A aircraft having undampened engines for specified serial numbers. Compliance date of December 15, 1949.
2	obsolete	Safety of guide pins in propeller hydraulic cylinder, Model HC-12X20-1 mounted on Continental engine. Replaced by Bulletin 34.
2	obsolete	Prevention of hub failures. All HC-42XF-2/8428-2 and HC-42XF-2/8433-2 propellers installed on Luscombe Model 11A aircraft. Compliance date of December 1, 1950.
3	obsolete	Oil and grease leaks on Hartzell propeller for Navion aircraft.
3	obsolete	Waterproof greases recommended for Model HC-12X20 propellers.
3	obsolete	Various Counterweight Configurations for the HC-12X20-3 Propeller, Mounted on the Republic RC-3 (Seabee) aircraft. Compliance date of January 1, 1948.
4	obsolete	Propeller modernization program for the HC-12X20-1 propeller installed on Navion aircraft.
4	obsolete	Strengthened guide pins in hydraulic cylinder C-77 of propeller model HC-12X20-3 installed on RC-3 aircraft. Replaced by Bulletin 34.
5	obsolete	Greasing of thrust bearing of Model HC-12X20-2 and -3 propellers mounted on the RC-3 aircraft.
6	obsolete	Greasing of propeller thrust bearing on model HC-12X20-1.
6	obsolete	Availability of improved servo valves for Hartzell reversible propeller. Replaced by Bulletin 40.
7	obsolete	Inspection of propeller thrust bearing for propeller model HC-12X20-1 on Navion aircraft.
7	obsolete	Use of HC-12X20-3 propellers to replace HC-12X20-2 propellers on Seabee aircraft.
8	obsolete	Announcement of propeller model HC-12X20-7 for Navion aircraft.
8	obsolete	Service life and periodic inspection of propeller hub spider for models HC-12X20-2, -3 on Seabee and Widgeon aircraft. Replaced by Bulletin 19.
9	obsolete	Longitudinal cracks developing in the blade shanks for propeller model HC-12X20-2, -3/8427 (plastic blades) on the Seabee aircraft.
10	obsolete	Periodic inspections for the HC-12X20 HydroSelective Propeller. Replaced by Bulletin 19.
10	obsolete	Inspection and servicing the HC-12X20-2, -3/8427 propellers on Seabee aircraft. Replaced by Bulletin 19.
11	not issued	
12	obsolete	Distinguishing features of the various HC-12X20-7 propellers (diaphragm type).
13	obsolete	Installation of metal blades, design 8433 in the HC-12X20 hub for the Navion installation.
14	obsolete	Revision of parts list for the HC-12X20-1 propeller.
15	obsolete	Prevention of propeller diaphragm rupture for HC-12X20-7 propellers on Navion aircraft.

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16		obsolete	Prevention of hub failures for HC-12X-20-7 propellers on early North American aircraft having undampened engines. Compliance date of December 15, 1949. Replaced by Bulletin 19.
17		obsolete	Care of stone bruises and nicks in aluminum alloy blades. Replaced by Bulletin 31.
18		obsolete	Corrosion and cracking of the screws that secure the blade counterweight to the clamp for all HC-12X20 series propellers.
19		obsolete	Prevention of hub failures in propeller models HC-12X20-1 through -7 for specified serial numbers. Compliance date of June 7, 1952. Replaces Bulletin 8 dated May 28, 1949, Bulletin 10 dated October 26, 1948, Bulletin 10 dated August 22, 1950 and Bulletin 16.
19		obsolete	Clarification of Bulletin 19 as regards the change in model designations.
20		obsolete	Prevention of failure of A-98 push rod screw for propeller model HC-12X20-8C/8433-6 installed on the Lycoming O-435 engines (Bellanca).
21		obsolete	Cracks in plastic blades, design 8428, for propeller models HC-12X20-1, -5, -7/8428.
22		obsolete	Bulletin not effective after March 1953. Possible faulty heat treatment in a few blade clamps that might result in cracking.
23		obsolete	Propeller surging problems in HC-82X series constant speed propeller models.
24	rev. 1	5/21/03	Replacement of Linkscrew A-98. (Ref. AD 53-15-03)
25		obsolete	Spinner reinforcement to prevent cracking of spinner for propeller model HC-12X20-9.
26		obsolete	Inspection of propeller mounting on Lycoming O-290 and O-320 engines for all twin Navions built to date with model HC-82XG-2 propellers. Replaced by Bulletin 68.
27		obsolete	Proper safety of A-7 link screw for propeller model HC-82X20-2.
28		obsolete	Modification program for propeller model HC-82XF-1/8833 installed on Cessna Model 180. Compliance date of July 1, 1954.
29		obsolete	Modification of propeller model HC-12X20-8C on Lycoming O-435 engines. Compliance date of February 1, 1956.
30		not issued	
31		obsolete	Avoidance of propeller tip failures - general maintenance procedures for all metal propellers. Replaces Bulletin 17.
32	rev. 1	5/21/03	Replacement of C-49-2B and C-49-2C Hubs. (Ref. AD 64-28-01)
33		obsolete	72 inch diameter for Piper Apache aircraft for all Apaches having 76 inch diameter propellers.
34		obsolete	Redesign of A-11A guide pin installation on Seabee propeller model HC-12X20-3. Supersedes Bulletin 2 dated April 23, 1947 and Bulletin 4 dated January 14, 1948.
35		obsolete	Inspection for cracks in welds that attach the push rod lugs to hub spider on propeller models HC-12X20 and HC-82XF-1.
36		obsolete	80 inch diameter propeller for propeller model HC-82XF-2 on Cessna Model 310 aircraft. Compliance date of April 15, 1956.
37		obsolete	Modification of spinner bulkhead for propeller model HC-83XF-2 used on Continental O-470-B engine.

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38		06/26/56	Inspection of Propeller Control Valve for Cracked Spindle for propeller model HC-12X20-3 on Republic RC-3 (Seabee). Replaced by Bulletin 40. (Ref. AD 56-17-03)
39	rev. 1	5/21/03	Piston Jack Assembly Replacement. (Ref. AD 58-09-02)
40		obsolete	Replacement of part number A-303, in servo valve assembly having replacement B-299 valve assembly for propeller model HC-12X20 for Republic RC-3 aircraft. Replaces Bulletin 6 dated January 20, 1948 and Bulletin 38.
41		obsolete	100 hour inspection of propeller mounting bolts for all HC-82XG propellers installed on Lycoming O-290, O-320, and O-340 engines. (Ref. AD 59-09-03)
42		not issued	
43		obsolete	Reinforcing spinner dome, part number D-1409 for propeller model HC-83XF-2/9333C-3 installed on Beech Model D-50.
44		obsolete	Safety part B-942 clamp to prevent turning on hub for propeller models specified. Replaced by Bulletin 62.
45		obsolete	Propeller feathering during cold weather for propeller model, HC-93Z20-2C/10151-8 installed on Beech Model E-50 for specified serial numbers.
46		05/23/57	Modification of safetizing provisions for A-872 Pin in propeller models HC-83X20, HC-83XF installed on Aero-Commander and Beech Models D-50 and E-50 Aircraft and Trecker Royal Gull. (Ref. AD 57-08-04)
47	rev. 2	05/21/03	Inspection of A-821-1 fork for position and tightness For propeller models HC-82XF-1B, -1C, -1D, -6; HC-82XG-1B, -1D, -6, -6D; HC-82X20-1B. (Ref. AD 58-09-02)
48		obsolete	Replacement of A-1307 split ring by A-1331 ring on propeller model HC-92ZF-1B/8847 used on Fletcher Agricultural aircraft. Replaced by Bulletin 58.
49		obsolete	Replacement of hub mounting screws and A-898 washers for propeller model HC-82XG-2B/7636D-4 for specified serial numbers installed on Piper PA-23 Apache aircraft. Replaced by Bulletin 68.
50		obsolete	Exception to effectivity of Bulletin 46 for propeller model HC-83X20-2A installed on Aero Design 520 aircraft.
51		obsolete	Replacement of B-824 guide rod clamp on propeller model HC-82X20-1B installed on Helio Courier and Percival Agricultural for specified serial numbers. Compliance date of March 1958.
52		obsolete	Modification of A-159 and A-1307 split rings for all HC-8()X and HC-9()Z propeller models. Replaced by Bulletins 55, 57, and 58.
53		obsolete	Reduction of friction between the blade and hub spider pilot tube on early propeller model HC-92ZK for specified serial numbers.
54		obsolete	Rework of aluminum blade shank on propeller model HC-12X20 for specified serial numbers, installed on Lycoming O-435 engines.
55		02/11/58	Replacement of A-1307 split rings in propeller models HC-93Z20-2C installed on Beech Models E-50 and F-50, and HC-93Z20 propellers installed on the R-680 Engine Powered Wigeon and Cessna UC-78. Replaces Bulletin 58. (Ref. AD 58-04-02)
56		obsolete	Checking the propeller flange mounting bolts for propeller model HC-82XL installed on Lycoming O-340 powered Doyn conversion.

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HC-SB-61-057	rev. 3	09/27/01	Replacement of the A-159 split ring for HC-82XF-()/8833 propellers with serial numbers ranging from T-913 through T-2891. (Ref. AD 58-06-02)
HC-SB-61-058	rev. 1	09/27/01	Replacement of the split ring for all HC-(1,8)(2,3)(X,V)()-() series propellers with A-159 split rings and all HC-9(2,3)()-() series propellers with A-1331 split rings. (Ref. AD 58-07-01)
59		obsolete	Replacement for the A-1331 split rings in HC-93Z30-2 propeller models for specified serial numbers. Obsoleted by Bulletin 58.
60		obsolete	Clearance between bolt and spinner bulkhead for propeller models HC-93Z20-2C and HC-83XF-2A installed on Beech Twin Bonanza aircraft.
61		obsolete	Replacement of unfeathering valve used on certain Beech Model 18 aircraft. Replaced by Bulletin 77. (Ref. AD 2002-09-08)
62		obsolete	Prevention of part number B-942 clamp from turning on the hub for certain propeller models.
63		obsolete	Interference between counterweight and spinner dome for propeller model HC-82X20-1B for specified serial numbers.
HC-SB-61-064	rev. 1	11/09/01	Compliance schedule for replacement of A-159 split ring for propeller models HC-8()X()-() () (), HC-12X20-() (), and HC-13X20-6L. (Ref. AD 59-01-03)
65		obsolete	General precautionary note regarding inspection for cracks and nicks in propeller blades and hubs for all propellers.
66		obsolete	Changes and improvements in the HC-93Z30-2/10152-5½ propeller model installed on Beech 18S, Lockheed 12A and Grumman G-21A.
67		obsolete	Adjustment of travel of B-299 servo valve for HC-12X20-3E and HC-13X20-5L or -6L propeller models installed on RC-2 Seabee aircraft.
HC-SB-61-068	rev. 1	08/23/01	Procedures for changing the present 3/8 diameter bolts to 7/16 inch bolts on HC-82XG series propellers installed on O-320 and early O-340 engines. (Ref. AD 59-09-03)
HC-SB-61-069	rev. 1	03/25/02	Blades slipping in blade clamps for propeller models HC-93Z30-2()/10152-5.5, HC-B3Z30-2()/10152-5.5, and HC-B3Z30-2()/10160-6 installed on Pratt and Whitney R-985 engines. (Ref. AD 63-13-03)
70		obsolete	Installation problems of propeller model HC-B3Z30-2D and spinner on the Pratt and Whitney R-985 engine.
71		12/28/59	Replacement of Guide Collars with New Forged Collars on Certain Non-feathering Flange Mounted Propellers. (Ref. AD 60-16-04)
72		obsolete	Spinner attachments used on propeller model BHC-92ZF-1D1/8447 installed on Beechcraft Model 33, for specified serial numbers.
73		09/08/60	Replacement of the B-1803 Cylinder on HC-93Z30-2D and HC-B3Z30-2D Propellers. (Ref. AD 61-03-03)
74		obsolete	Torque value for A-880-1 and -2 nut. Replace Service Letter 9.
75		obsolete	Incorporated in Manual 130B. Inspection of Hartzell governor for presence of vent hole.
76		obsolete	Cracking of spinner bulkhead on propellers installed on Pratt & Whitney R-985 engines.
77		obsolete	Availability of replacement valves used on propeller unfeathering kit number D-2130 installed on certain Beech 18 and Grumman G-21A aircraft.

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78		obsolete	Inspection of blade roots for propeller HC-92ZF-1D1/8847 used on agricultural aircraft.
79		obsolete	Replacement of A-213 coupling in C-2052 governor T-drive assembly for specified serial numbers.
80		obsolete	Spinner cracking on the Mooney Mark 21 for specified serial numbers for dome part number C-2465.
81		obsolete	Cracking of spinner adapter, part number C-2512 for specified serial numbers.
82		06/02/65	Failures in A-38 Ball Bearing, HC-12X20-7, -8. (Ref. AD 65-21-04)
HC-SB-61-083	rev. 1	03/25/02	Cold rolling blade for propeller models HC-93Z30-2()/10152-5.5, HC-B3Z30-2()/10152-5.5, and HC-B3Z30-2()/10160-6 installed on Pratt and Whitney R-985 engines. (Ref. AD 63-13-03, AD 64-20-01)
84		obsolete	Cracking of spinner domes D-1367-2P, D-1367-3P, and D-1367-2A.
85		obsolete	Cracking of C-1886 slinger ring for all 836-31 spinners used on Beechcraft Model 65-80.
86		06/17/64	Failure of A-2217 Pitch change block, HC-C2YK-1/7666-2 installed on Mooney and HC-E2YL-2B/7663-4 installed on Piper PA-30. (Ref. AD 64-20-01)
87		obsolete	Modification of the high pitch stop unit used in the HC-C2YK-2RA/7666-2 and HC-E2YL-2A/7663-4 feathering propellers.
HC-SB-61-88A	rev. 1	02/20/08	Replacement of relief valve springs in certain governors for specified serial numbers. (Ref. AD 64-21-05)
89		obsolete	Operating restriction involving the HC-C2YK/7666-2 and CHC-C2YK/7666-2 propellers installed on the Lycoming IO-360 model engine, rated at 200 H.P. at 2700 RPM.
90		obsolete	Modification of spinner bulkhead for propeller model HC-B3TN-5 used on Mooney MU-2 aircraft for specified serial numbers.
91		obsolete	Replacement of A-821-1 fork with heavier A-921-1 fork.
92		obsolete	Incorporated into Manual 133C - Strengthened blades to replace the 10152-5½, W10152-5½, 10160-6, and W10160-6 blades used on P and W engine.
93		obsolete	Inspection of blade shanks of the basic 8433 design and instructions for shot peening. (Ref. AD 68-19-04, AD 68-13-02) Replaced by HC-SB-61-217 (Ref. AD 97-18-02) .
94A		obsolete	Inspection of Propeller Blade Shank.
95		01/07/70	Inspection of T10176 propeller blade shanks. (Ref. AD 70-05-06)
HC-SB-61-96A		obsolete	Incorporated in Manual 133C Rev. 18. Retirement of old 7663-4 blades with S/N < B35571.
HC-SB-61-97A	rev. 1	4/16/07	Additional Overhaul Procedure for Certain Blade Designs. (Ref. AD 72-08-04)
98		obsolete	Shot peening of the B-2457 pitch change forks used on two-blade HC-()2Y()-().
99		obsolete	Inspection of certain blades for internal tool marks.
100		obsolete	Overhaul procedures for blades.
HC-SB-61-101D	rev. 2	02/20/08	Failure of pitch change knobs on butt end of "Y" shank propeller blade models 8475() and 8477(). (Ref. AD 2007-26-09)

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102	obsolete		Modification of the lubrication system and additional overhaul and installation procedures for the A-224, -() oil transfer unit application.
103	obsolete		Replacement of eight A-2038-6 screws with eight A-1578 screws on damper assembly C-1576 installed on the Piper PA-34, propeller models HC-C2YK-2CG(F)/(F)C7666A and HC-C2YK-2CLF(F)/(F)JC7666A.
104	obsolete		Possible failure of pitch change knob on all "Y" shank propeller blades without the letter "F" prefix in the blade design number.
105A		06/07/74	Inspection for surface cracks in hard alloy blades. (Ref. AD 74-14-01)
106	obsolete		Separation of certain B-868()-() and B-3018()-() pilot tubes.
107A		01/27/75	Restrictions for propeller operation for reduced blade vibratory stresses for all models HC-92ZK and HC92WK series propellers with 8447()-12A or -12R, W8447()-12A or -12R, and LW8447()-12A or -12R type blades used on the Lycoming undamped O-360 and IO-360 series engines installed on, but not limited to, the Beech 95.
108	obsolete		Replacement of () ()7666()-() "Y" shank blade.
109	obsolete		Inspection and care of propeller blades to prevent delamination due to intergranular corrosion.
110C	obsolete		Per HC-SL-61-61. Overhaul and exchange program for C-1576 Damper Assembly on HC-C2YK-2C()G on PA-34-200.
111D	obsolete		Information is contained in Service Instruction 102J. Availability of a Feather Assist Spring Kit, A-1588, HC-C3YN-() on PA31P.
112	obsolete		Incorporated in Hartzell Service Letter HC-SL-61-197. Reduction of propeller air charge pressure.
113	obsolete		Inspection and replacement of ()7636 blades and the inspection of the blade clamp assembly.
114D	obsolete		Information is contained in Service Instruction 102J. Availability of a Feather Assist Spring Kit, A-1588 on HC-()Y()-().
115F	obsolete		Information is contained in Service Instruction 102J. Change in decal installation for compliance w/Bulletin 114 on PA34-200T.
116F	obsolete		Information is contained in Service Instruction 102J. Change in decal installation for compliance w/Bulletin 114 on Beech 58P.
117	obsolete		Mandatory overhaul, inspection, and shot peening procedures for Hartzell blades in certain propellers.
HC-SB-61-118F	rev. 1	02/20/08	Mandatory blade rolling and inspection for all single shoulder blades. (Ref. AD 2007-26-09)
118Ds1B	obsolete		Incorporated in Manual 202A - Approved Facilities (Rev. 7). Supplement No. 1 - List of Approved Shops.
119	obsolete		Incorporated in Manual 127, rev. 1 (Feb/03) Removal of ridge on inside of spinner domes 836-57() on 690 Rockwell Commander.
120	obsolete		Additional overhaul and maintenance procedures for all Hartzell propellers produced with "hard" alloy blades installed on turbine aircraft, i.e., T10282H.
121	obsolete		Blade angle inspection.
122	obsolete		Incorporated in Manual 202A (Rev. 2) Steel Hub Overhaul chapter and Manual 133C. Removal, inspection and replacement of hub pilot tubes at overhaul of certain Hartzell steel hub propellers.

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123		obsolete	Checking torque on certain Hartzell propeller attaching bolts, part number A-2047, and part number A-2048-2 washers used primarily in attachments of propellers to turbine engine aircraft.
124		obsolete	Testing of automatic high pitch stop.
125		obsolete	Incorporated in Manual 133C. Restriction of propeller operation for reduced blade vibratory stresses for propeller model HC-B3TN-5()L/LT10282()+4 installed on the Rockwell 690() aircraft.
126B		obsolete	Information is contained in Service Instruction 159 and incorporated in Manual 202A. Retirement of certain C-3-() Clamp Assemblies.
127B		obsolete	Information is contained in Service Instruction 159 and incorporated in Manual 202A. Retirement of certain C-3-5A Clamp Assemblies on DH-114 Heron.
128A		obsolete	Incorporated in Manual 118F, Rev. 14 Apr/03 - Changes in B-830-35 start lock assembly, HC-B3TN-5.
129		not issued	
130		obsolete	Per SB 137A. Replacement of A282 inner clamp bolt on certain propeller applications.
131D		obsolete	Incorporated in Manual 133C. Replace LT10282()+4 Blades with LT10673 on Rockwell 690 A/C.
132		obsolete	Incorporated in Manual 202A. Exchange replacement of "non-shot peened" B-838-97L Clamps, HC-B4MN-5()L/LM10585B+4 on CASA 212-200.
133		obsolete	Incorporated in Manual 135F. Rework of blade retention radius of applications. LM10585B+4 Blade on HC-B4MN-5()L on CASA 212-200.
134		obsolete	Replacement of Certain B-830-34(L) Start Lock Assemblies.
135		obsolete	Incorporated in Manual 135F. Rework of LM10585B+4() Blade cuff for installation of improved deice boot.
HC-SB-61-136	rev. I	04/25/03	Additional blade overhaul and inspection procedures for single- and double-shoulder blade bores. (Ref. AD 86-05-12, AD 87-05-01, AD 87-16-02, AD 96-18-14, AD 2005-04-08)
136-1		obsolete	Per SB136F. Additional overhaul and inspection procedures for single and double shoulder blade pilot tube bores.
137A		03/31/95	Replacement for the A-282 Inner Clamp Bolt (Reference SB 130).
138		obsolete	Incorporated in Manual 133C. Additional Requirements for Hard Alloy Blades on Turbine Aircraft.
139		obsolete	Per SB A203A. Mounting flange pitting on HC-B5MP-3() propellers, LD-4005-() hubs used on certain planes.
140F	rev. 1	06/26/08	Blade tip stalling, LT10574A(S) on Do 228 A/C. (Ref. AD 87-15-05R1)
141		obsolete	Incorporated in Manual 118F. Replacement of certain B-3493 start lock housings, HC-B4()-5L.
142B		obsolete	Information has become outdated. Oil leakage and pitch control difficulty, ()HC-()Y-().
143B		obsolete	Incorporated in Manual 118F and 139. Guide Collar (B-834-20 and B-834-22) Inspection, HC-B3TN-5M, N,P.
144		not issued	
145A		obsolete	Per SI 144G. Internal shot peening and retirement requirements of the aluminum hub as used on all ()HC-() () Y ()- () () propeller assembly.

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146B		obsolete	Incorporated in Manual 133C, Rev. 1 (Feb/97). Blade tip stalling T10282 blade on Fairchild A/C.
147		obsolete	Incorporated in Manual 132A. Inspection requirements for the C-4019-1 Low Stop Collar.
148		obsolete	Incorporated in Manual 130B. Inspection of B-4183-2 Flyweight Assembly.
149B		obsolete	Incorporated in Manual 132A. A-1373 Flexlock Nut.
150		obsolete	Incorporated in Manual 133C. Blade Bore Surface Treatment.
151A		obsolete	Incorporated in Manual 133C. Use of Optical Comparators for Blade Shank Inspection.
152E		obsolete	Incorporated into Manual 154 Rev. 4 and HC-SL-61-61Y Rev. 4. Overhaul and service life requirements for HC-A6A-3(). Obsolete 12/17/13.
153	rev. 2	01/22/16	Replacement of B-3018(S,T)-2 pitch change rods, HC-B4(T,M)N-5()(). (Ref. AD 87-15-04)
153-1		obsolete	Incorporated into SB 153 Rev. 1 08/17/11 - Supplement no. 1 - B-3018(S,T)-2 Pitch Change Rods.
154A		12/31/87	Blade replacement HC-B5MP-3()/M10876K on Shorts SD3-360. (Ref. AD 87-16-02)
155		obsolete	Incorporated in Manual 133C. Inspection Criteria for Blade Shank Rework.
156		obsolete	Incorporated in Manual 118F. C830-() Start Lock Units.
157		obsolete	Incorporated in Manual 127, rev. 1 (Feb/03) Inspection of the C-3532-17P Spinner Dome.
158B		obsolete	Incorporated in Manuals 141, 142, and 143A. Oil leaks in HC-D4()-2, -3, -5 series propellers.
159A		obsolete	Incorporated in Manual 202A and HC-SL-61-184. Grease hardening caused by low ambient temperatures.
160		08/05/88	D-5311 Spinner Assembly.
HC-SB-61-161C	rev. 1	04/06/04	Inspection requirement for blade pilot tube bores, T10282. (Ref. AD 2005-04-08)
162		obsolete	Per SB 166. Reverse stop modification.
163		04/06/89	Inspection/replacement of B-474 Piston Nut, HC-A6A-3.
164C		obsolete	2 Blade compact hub inspection. Superseded by HC-SB-61-227.
HC-SB-61-165E	rev. 2	12/22/15	3 Blade compact hub inspection (grease fitting area). (Ref. AD 94-17-13)
166A		06/08/90	Removal of reverse stop kit, HC-A6A-3.
167B		obsolete	Replaced by SB 171. Propeller start lock housing inspection.
168		03/25/91	Installation of internal reverse stop kit, HC-A6A-3A.
169A		11/15/91	Inspection for cracks in Cessna Caravan blades HC-B3MN-3/M10083.
170B		09/18/92	Inspection of LT10282-5.3 blades on MU-2B aircraft. (Ref. AD 95-01-02)
171A		obsolete	Incorporated in Manual 141, Rev. 4 Jul/02 - Replacement of start lock housing on HC-D4N-5, -(D,E)4P-5.
172A		obsolete	Incorporated in Manual 135F. Composite blade internal grease leakage, balance tube seal.

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173		obsolete	Incorporated in Manual 118F. New spring retainer cups (for 4 blade, steel hub props).
174		obsolete	Information is out of date. Inspection of A2429-4 mounting studs.
175		obsolete	Incorporated in Manual 118F, Rev. 4 (Oct/97). Replacement of pitch change rods on HC-B4(T,M)(N,P)-3.
176		obsolete	Incorporated in manual 130B. Usage of Later Design Governor Pressure Relief Valve, A-3173. (AD 83-06-10)
177		obsolete	Incorporated in Manual 118F, Rev. 4 (Oct/97). Pitch change rod replacement for HC-B3TN-5 at O/H.
178		02/28/92	Inspection of M10282+6 blades on modified Nord 262 aircraft.
179		not issued	
A180		obsolete	Incorporated in Manuals 127, 143A, and 202A. Beech 1900D propeller P-static problems.
HC-SB-61-181A	rev. 6	04/01/14	Piaggio P-180, P-166, Jetcruzer blade corrosion inspection/repair.
HC-ASB-61-A182B	rev. 1	03/19/07	Mitsubishi MU-2B-60/HC-B4TN-5 hub inspection. (Ref. AD 95-01-02)
HC-ASB-61-A183B	rev. 1	03/19/07	Mitsubishi MU-2B-26A,-36A,-40/HC-B4TN-5 hub inspection. (Ref. AD 95-01-02)
A184A		obsolete	Superseded by SB A190. Blade pitch change knob screw failures.
185		obsolete	HC-E4(A,N,P)-() replacement of blade preload plates.
A186		01/25/94	HC-B4(T,M)N-() hub inspection for certain S/N on non-MU-2 aircraft. (Ref. AD 94-03-11)
187A		relocated	Refer to Manual 166 (61-00-66) - Set of service documents for HD series propeller and systems.
HC-ASB-61-A188	rev. 2	08/17/11	Mitsubishi HC-B4TN-5 blade thickness inspection, shot peening, life limit. (Ref. AD 95-01-02)
189		relocated	Refer to Manual 166 (61-00-66) - Set of service documents for HD series propeller and systems.
A190		01/12/94	Beech 1900D pitch change knob and preload plate replacement. (Ref. AD 94-10-01)
191A		relocated	Refer to Manual 166 (61-00-66) - Set of service documents for HD series propeller and systems.
192		relocated	Refer to Manual 166 (61-00-66) - Set of service documents for HD series propeller and systems.
A193A		relocated	Refer to Manual 166 (61-00-66) - Set of service documents for HD series propeller and systems.
A194A		relocated	Refer to Manual 166 (61-00-66) - Set of service documents for HD series propeller and systems.
A195		relocated	Refer to Manual 166 (61-00-66) - Set of service documents for HD series propeller and systems.
HC-ASB-61-A196B	rev. 1	03/19/07	B,J Beech A100/HC-B4TN-3 blade and hub inspection. (Ref. AD 95-03-03)
197		not issued	
198		obsolete	Incorporated in Manual 135F. Inspection of blades modified per SB A190.
HC-SB-61-199B	rev. 1	obsolete	HC-(E,D)4()-() Delrin bushings for hub/pitch change rod. Obsolete 07/01/15 incorporated into Manual 202A Revision 5.

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200		relocated	Refer to Manual 166 (61-00-66) - Set of service documents for HD series propeller and systems.
201		relocated	Refer to Manual 166 (61-00-66) - Set of service documents for HD series propeller and systems.
202		01/05/95	HC-92(Z,W)K-2 blade inspection & clamp screw replacement. (Ref. AD 95-11-08)
A203A		obsolete	Incorporated into HC-SB-61-275 - HC-B5MP-() mounting bolt torque check. (Ref. AD 2004-21-01)
A204A		relocated	Refer to Manual 166 (61-00-66) - Set of service documents for HD series propeller and systems.
205		not issued	
206		obsolete	Incorporated into Manual 135F. Beech 1900D, HC-E4A-3I, prop improvements, delete bonding strap, etc.
207		relocated	Refer to Manual 166 (61-00-66) - Set of service documents for HD series propeller and systems.
208A		relocated	Refer to Manual 166 (61-00-66) - Set of service documents for HD series propeller and systems.
A209		relocated	Refer to Manual 166 (61-00-66) - Set of service documents for HD series propeller and systems.
210		relocated	Refer to Manual 166 (61-00-66) - Set of service documents for HD series propeller and systems.
211		obsolete	Incorporated in Manual 158A. Piaggio P180, HC-E5N-3(), beta spring replacement.
212A		obsolete	Incorporated in Manual 133C. Pitch Change Knob Inspection Requirements HC-()()Y()-().
HC-SB-61-213		obsolete	Incorporated in Manual 202A, Rev. 12 (Nov/00). Chamfering of grease fitting holes in all old style compact hubs.
214		obsolete	Information is contained in Service Bulletin HC-SB-61-215, Rev. 4. Beech 1900D, HC-E4A-3() daily inspection for oil leak.
HC-SB-61-215	rev. 4	obsolete	Pitch change rod replacement for 3 & 4 blade lightweight propellers. Incorporated into Manuals 141, 142, and 143A. Obsolete 04/04/11.
HC-SB-61-216		10/05/95	Grob, HC-E4P-5, pitch change knob replacement.
HC-SB-61-217	rev. 4	11/01/19	X and V shank propellers, eddy current inspection. (Ref. AD 97-18-02)
HC-SB-61-218		02/19/96	Recall certain Q-tip blades.
HC-ASB-61-219	rev. 1	07/02/96	Superseded by HC-ASB-61-237. Propeller counterweight inspection. (Ref. AD 98-02-07)
HC-ASB-61-220		07/08/96	Penetrant inspection of a group (certain S/Ns) of turbine blades. (Ref. AD 96-15-04)
HC-SB-61-221		obsolete	Incorporated in Manual 143A. Beech 1900D, HC-E4A-3(), installation of cylinder clamp.
HC-SB-61-222		obsolete	All affected propellers have complied. Shorts SD360-300, one-time coin tap inspection of A10460 blades.
HC-SB-61-223		obsolete	Incorporated into Manual 141. Shorts Tucano, HC-D4N-5C, installation of cylinder clamp. Obsolete Feb 15/12.
HC-SB-61-224	rev. 2	obsolete	All inventories should be in compliance. Preload plate set screw, stock inspection.

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HC-SB-61-225	rev. 3	obsolete	Incorporated in HC-SB-61-309. Preload plate set screw, "lightweight" turbine prop inspection. Obsolete Nov 13/09.
HC-SB-61-226	rev. 1	obsolete	Incorporated into Manual 117D. Preload plate set screw, "Y" shank -2 prop inspection. Obsolete Feb 15/12.
HC-SB-61-227	rev. 6	08/27/12	Eddy current inspection of 2 blade compact hubs ()HC-()2Y()-() series propellers. Replaces Service Bulletin 164C. (Ref. AD 2001-23-08).
HC-SB-61-228		obsolete	All affected propellers have complied. Piaggio 180, HC-E5N-3, inspection of reverse stop safety screws.
HC-SB-61-229		obsolete	Incorporated in Manuals 143A, Rev. 7 (Oct/98) and 159 (Original). Beech 1900D, HC-E4A-3, counterweight configuration change.
HC-SB-61-230		obsolete	Incorporated in Manual 127, rev. 1 (Feb/03) SOCATA TBM 700, optional addition of spinner drain holes.
HC-SB-61-231	rev. 1	obsolete	Incorporated into Manual 141, Manual 142, Manual 143A, and Manual 202A. Beech 1900D, HC-E4A-3, propeller hub/cylinder thread inspection. Obsolete 10/01/15.
HC-SB-61-232		03/20/98	Introduction of MV shank propellers.
HC-SB-61-233		04/17/98	Conversion of V shank propellers to MV shank.
HC-SB-61-234	rev. 1	09/10/09	Life limit for propeller hubs and blades on Aviat Pitts S-2S and S-2B aircraft.
HC-SB-61-235	rev. 1	obsolete	Incorporated in Manuals 141, 142, and 143A. Beech 1900D, HC-E4A-3, reverse adjust sleeve parts kit. Obsolete Mar 17/15.
HC-SB-61-236		05/12/98	Blade angle adjustment for propeller HC-C3YR-1RF/F7590 installed on Piper PA24-260 Commanche 260, under STC #SA288CH.
HC-ASB-61-237		07/17/98	Beech 1900D, HC-E4A-3(A,I,J) counterweight inspection. (Ref. AD 98-17-04)
HC-SB-61-238	rev. 1	11/13/09	Three bladed, aluminum hub, "compact" series hub replacement.
HC-SB-61-239	rev. 1	obsolete	Incorporated into Manuals 149 and 135F. Beech 1900D, HC-E4A-3(A,I,J), erosion shield inspection.
HC-SB-61-240	rev. 2	12/22/15	Conversion of Aerobatic HC-()(2,3)YR-1() Propellers.
HC-SB-61-241		12/21/99	Assembly and installation of HC-D2MV20-3.
HC-SB-61-242		obsolete	Incorporated into Manual 159. All propellers are in compliance. Counterweight Configuration Change.
HC-SB-61-243	rev. 1	obsolete	Incorporated in HC-SB-61-309. HC-E4A-3D propellers installed on Pilatus PC-12, preload plate movement preventing full feather position. Obsolete Nov 13/09.
HC-SB-61-244		obsolete	S.N.A. Inc, "Seawind", HC-E3YR-1RF, bulkhead inspection of D-4841 spinner assembly. Obsolete 08/27/12 incorporated in Manual 115N.
HC-SB-61-245		obsolete	Incorporated in Manual 114C TR-005 March 2003 - Leakage of oil transfer units installed on Continental E-185-() and E-225-() engines.
HC-SB-61-246	rev. 1	obsolete	Incorporated into Manual 145, Rev. 10. Recurring 50 hour inspection of ()7690(), ()7890(), ()7421(), and ()7466() composite blades installed on an undampened or modified Lycoming (AE)IO-360 engine. Obsolete Feb 15/12.
HC-SB-61-247		05/15/00	HC-C(2,3)YR-1/7690() propeller, inspection of governor accumulator.

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HC-SB-61-248		obsolete	Pitch change fork replacement for HC-E5()-(3,5)() propellers installed on Piaggio P-180 and Grumman S2() aircraft. Obsolete 08/01/12 incorporated in Manual 158A Revision 8.
HC-SB-61-249		obsolete	Incorporated in HC-SB-61-309. HC-D4N-5(C,E) propellers installed on Short Brothers Tucano S312, preload plate movement preventing full feather position. Obsolete Nov 13/09.
HC-SB-61-250	rev. 1	04/08/02	Blade replacement of T10178H(S)(B)-11(R) or T10176H(S)(B,K)-5 installed on Mitsubishi MU-2 aircraft. (Ref. AD 2003-04-23)
HC-ASB-61-251		04/10/01	Inspection of Two-Bladed Propeller With Anti-ice System Installed on Socata TB-20, TB-21 Aircraft. (Ref. AD 2003-06-02)
HC-SB-61-252	rev. 2	obsolete	Incorporated into Manual 158A Rev. 8 and Manual 133C Rev. 24 Nov/08. Pitch Change Knob Bracket Hole Repair for aluminum blade models (H,L)E8218 on HC-E5N-3() propellers installed on Piaggio Avanti P-180 aircraft.
HC-ASB-61-255		obsolete	Replaced by HC-ASB-61-292 - Propellers that have D-6831-() single shoulder blade clamps installed.
HC-SB-61-256		obsolete	All propellers in compliance. Inspection of propeller mounting bolt P/N B-3339. Obsolete Feb 15/12.
HC-SB-61-257		07/15/02	Governor - "T"-Drive Bearing Inspection.
HC-SB-61-258	rev. 1	obsolete	Replaced by HC-SB-61-287. Bearing (D-7745) inspection and replacement for HC-E4A-3(A,I,J)/E10950(P)(C)(B,K) propellers installed on Beech 1900D aircraft.
HC-ASB-61-259	rev. 1	11/13/09	Hub Replacement - Aluminum hub part numbers D-6522-1, D-6522-2, D-6529-1, D-6552-2, and D-6559-3 with certain serial numbers. (Ref. AD 2003-01-03)
HC-SB-61-260		obsolete	Incorporated in Manual 202A - Eddy Current Inspect of HC-(D,E,)5()-() Without an "E" Suffix after Hub Serial Number.
HC-SB-61-261	rev. 1	05/21/03	Hub replacement, blade and blade clamp inspection. (Ref. AD 96-18-14)
HC-SB-61-262		04/25/03	Inspection of Hartzite blades.
HC-ASB-61-263	rev. 2	09/25/03	Shot peen Y shank pitch change knob on Fletcher FU-24, TB-30 Epsilon, and Hindustan HPT-32.
HC-SB-61-264		obsolete	Overhaul manuals Illustrated Parts Lists are accurate. Inspection of HC-C2Y(K,R)-4() propellers for plastic shim installed in retention bearings. Obsolete Feb 15/12
HC-ASB-61-265		09/10/03	Inspection for cracks of A10460()() blades installed on HC-A6A-3() propellers that are installed on Short Brothers Ltd. SD3-60-300. (Ref. AD 2003-22-05)
HC-SB-61-266	rev. 2	05/20/13	Life limits for HC-I3YR-1() propellers installed on the SMA SR305 engine.
HC-SB-61-267		obsolete	Incorporated into Manual 127, Rev. 3 (May/10). New low pitch stop hardware for Ram PHC-C3YF-2UF/FC7693DFB installations. (Obsolete 11/01/18)
HC-SB-61-268		obsolete	Inspection of propellers with TKS anti-ice systems installed by Flight Ice, Inc. supplemental type certificates. (Obsolete 3/14/12)
HC-SB-61-269	rev. 6	08/27/12	Eddy current inspection of two blade compact hubs ()HC-()2Y()-() series propellers manufactured before December 1991 that do not have an "A" or "B" suffix serial number and are installed on Lycoming ()-360 series engines. (Ref. AD 2009-22-03)

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HC-SB-61-270		obsolete	Incorporated in HC-SB-61-309. New oversize preload plate assembly for HC-E4A-2 propellers installed on Raytheon Model 3000, T-6A Texan II aircraft. Obsolete Nov 13/09.
HC-ASB-61-271		09/15/04	A-3254 mounting stud replacement.
HC-SB-61-272	rev. 1	03/16/06	Torque inspection of the mounting hardware on PHC-J3YF-2 installed on Raytheon 58 Barons equipped with propeller de-ice with aircraft serial number TH1889 through TH2093.
HC-SB-61-273		obsolete	Incorporated in HC-SB-61-309. New oversize preload plate assembly for HC-E4N-2 propellers installed on Korean Aerospace KT-1 and KO-1 aircraft. Obsolete Nov 13/09.
HC-SB-61-274		02/02/05	Pitch change knob bolt torque inspection for HC-E5B-5 propellers installed on Grumman S-2() Tracker and overhauled between April 2003 and January 2005.
HC-SB-61-275	rev. 2	08/07/07	HC-B5MP-() mounting bolt torque check and flange inspection. (Ref. AD 2006-22-12)
HC-SB-61-276	rev. 6	04/01/14	Pitch change knob bracket swaging for HC-E4P-5 propellers.
HC-SB-61-277	rev. 1	obsolete	Inspection and reporting for pitch change mechanism for HC-E4A-4() propellers installed on Raytheon 1900D aircraft. Report period has expired. Obsolete 06/05/09
HC-SB-61-278		obsolete	Incorporated in HC-SB-61-309. New oversize preload plate assembly for HC-E4A-3(A,D,I,J) propellers installed on Beech 1900D or Pilatus PC-12 aircraft. Obsolete Nov 13/09.
HC-ASB-61-279	rev. 4	10/04/05	Initial and repetitive torque inspection, replacement, and recall of B-3339 mounting bolt. (Ref. AD 2005-14-12)
HC-SB-61-280		10/04/05	Alternate configurations for link pin assembly A-1464. (Ref. AD 57-08-04).
HC-SB-61-281		09/15/05	Inspection for complete anodize coverage in the hub extended bore of ()HC-(E,F,G,H,I,J,L,M)2,3)Y-() compact hub assemblies or hub units manufactured before August 1, 2005 by Hartzell or overhauled by the Hartzell Service Center before August 1, 2005.
HC-SB-30-282	rev. 1	obsolete	Inspection of Goodrich 4E3051-10 de-ice boots installed on Pilatus PC-12 for frayed lead wire. Obsolete 08/27/12 incorporated in Manual 182.
HC-SB-61-283		obsolete	Blade end play inspection on HC-E4A-3()/E10950() propellers installed on Raytheon Beechcraft 1900D. Obsolete 06/20/12 inspection replaced by HC-SB-61-287.
HC-SB-61-284	rev. 3	04/01/15	Replacement of B-6509-() compression spring on ()HC-(G,I,J)Y(F,R)-1() propellers.
HC-SB-61-285	rev. 1	obsolete	Removal of the dowel pin between the counterweight/clamp. Obsolete 10/15/14 incorporated in Manual 202A, Volume 5, Rev. 28.
HC-SB-61-286		obsolete	Torque inspection of the mounting hardware on PHC-(C,G,H,J)3YF-2 installed with Goodrich slip ring split mounting plates 4E1881 or 4E2058. Obsolete 08/01/12 incorporated into Manuals 115N and 145.
HC-SB-61-287	rev. 4	06/05/09	E10950 blade retention radius inspection, rework, and thrust bearing replacement. (Ref. AD 2007-08-02)
HC-SB-61-288		07/17/06	Pitch change knob inspection on BHC-L2YF-4(B)(F)/(F)C8468AR propellers installed on Beech A45, T-34A, and B45 aircraft.

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HC-SB-61-289	rev. 1	obsolete	Incorporated in HC-SB-61-309. Introduces a new larger diameter preload plate for lightweight turbine propellers. Obsolete Nov 13/09.
HC-SB-61-290		obsolete	Rework of the fork plate on HC-E5N-3() propellers installed on Piaggio P-180. Obsolete 08/01/12 incorporated in Manual 158A Revision 8.
HC-SB-61-291	rev. 3	obsolete	Pitch change knob bracket replacement on HC-(D,E)4(A,N)-3 serial number specific. Obsolete 01/05/23
HC-ASB-61-292		04/05/07	Visual inspection of the blade clamp when installed on HC-A2MV(K,R)-2 or HC-A3MV(K,R)-2(A,B) propellers installed on Aero Commander 500 aircraft.
HC-SB-61-293	rev. 1	obsolete	Life limits for C-1169-1 and C-1169-2 pitch change rods. Obsolete 06/20/12 incorporated into manual 132A.
HC-SB-61-294	rev. 1	08/07/07	Inspection of link arms B-4016(L) and B-1901(L).
HC-SB-61-295	rev. 3	06/26/08	Eddy current inspection of HC-E5N-3() (L) and HC-E5B-5() propeller hubs. (Ref. AD 2007-24-14)
HC-SB-61-296	rev. 1	06/26/08	Inspection of internal surfaces for 3 bladed hubs.
HC-ASB-61-297	rev. 4	02/12/16	Eddy current hub inspection of the lubrication hole on two and three bladed propellers. (Ref. AD 2008-13-28)
HC-SB-61-298	rev. 1	obsolete	Incorporated into Manual 135F Revision 16. Inspection of A-4554(-1) balance tubes. Obsolete Nov 11/15
HC-SB-61-299		09/17/07	Inspection for set screws.
HC-SB-61-300		03/10/08	New cylinder and anti-rotation stop plate for HC-E5B-5() propeller installed on Grumman S-2E Tracker.
HC-SB-61-301		11/14/07	Inspection of blade shank for the correct shot peening location.
HC-SB-61-302		11/14/07	De-ice boot inspection because of overheating.
HC-ASB-61-303	rev. 1	06/26/08	Replacement of F7691 blades in PHC-(C,G)3YF-1RF with F8468A-6R blades when installed on Cessna 180 (A-H,J,K) aircraft.
HC-SB-61-304	rev. 1	08/01/12	Introduction of improved blade T10173A(N)(B,K) on King Air B100, requires replacement of T10173F(N)(B,K) blades.
HC-SB-61-305		06/26/08	Propeller mounting bolt replacement and torque inspection for propellers installed at Hawker Beechcraft from 2007 to 2008. Propellers installed on King Air C90GT, B200(CT), or 300.
HC-ASB-61-306	rev. 4	10/27/14	Introduction of ultrasonic inspection as terminating action for visual inspection of N7605() composite blades installed on Cirrus SR22.
HC-ASB-61-307		not issued	
HC-SB-61-308	rev. 1	09/10/08	Replacement of A-6939 pilot spool on specific V-11-1 governors.
HC-SB-61-309	rev. 2	obsolete	Incorporated in Manual 202A Vol. 3, Rev. 35 (Jul/15) and Manual 141, Rev. 8 (Aug/15). Incorporates various Service Bulletins relating to lightweight turbine propeller hub modification, preload set screw, and larger diameter preload plates. Obsolete 02/01/16.
HC-SB-61-310		11/05/08	Introduction of new cylinder and cylinder life limits for HC-C(2,3)YR-4(B,C)F/FC8477-4R installed on Hindustan HPT-32 aircraft.
HC-SB-61-311	rev. 5	12/13/11	Requires removal of the 835-54(P) spinner assembly and introduces approved options for replacement. Excludes the Mooney M20() applications.
HC-SB-61-312	rev. 1	10/31/13	Hub and blade service life limits for Piaggio P-180 aircraft.

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HC-ASB-61-313	rev. 3	07/15/09	Inspection for and replacement of all B-3386-14H bolts from LFC lot 224 when used to attach the counterweight slug to counterweight. (Ref. AD 2009-10-14).
HC-SB-61-314	rev. 1	obsolete	Incorporated in Manual 142, Rev. 13 (Oct/13). Replacement of C-792-() bearings with D-7745 at overhaul or disassembly for Raytheon 3000 Texan II aircraft. Obsolete 02/01/16.
HC-SB-61-315	rev. 2	07/01/15	Introduction of requirement for installation of engine-side hub bore bushing in Hawker Beechcraft Bonanza and Debonair applications.
HC-ASB-61-316	rev. 1	06/26/09	Introduction of visual and eddy current inspection of the propeller hub for Hawker Beechcraft 1900D aircraft.
HC-SB-61-317		06/15/10	Hub clamping bolt torque inspection and hub rework for the HC-E5A-2() propeller installed on Pilatus PC-21 aircraft.
HC-SB-61-318	rev. 1	06/15/10	Inspection for and rework of undesirable rolled condition on M, P, and R shank blades.
HC-SB-61-319		11/10/11	Modification of N7605(B,K)() composite blades or N()7893()
HC-SB-61-320	rev. 3	obsolete	Incorporated into Manual 157, Rev. 3 (Aug/17) and Manual 158A, Rev. 15 (Dec/16). Pitch change knob bracket unit rework or replacement for the HC-(D,E)5()-() propellers. Obsolete 02/01/21.
HC-SB-61-321		obsolete	Introduction of the C-3317-341-8 O-ring for the HC-E5A-2() propeller installed on Pilatus PC-21 aircraft. - 12/18/12 replaced by HC-SB-61-339
HC-ASB-61-322	rev. 1	08/27/12	Requires replacement of affected Y shank blades by serial number.
HC-SB-61-323		01/14/11	Eddy current inspection of two blade compact hubs ()HC-()2Y()-() series propellers that do not have a "B" suffix serial number and are installed on Lycoming ()-360 series engines in Socata TB-10 and TB-200 applications. (Ref. AD 2009-22-03)
HC-SB-61-324		obsolete	Incorporated into 132A TR-016 (Dec/15), 132A Rev. 17 (Dec/12) and 118F Rev. 23 (Jan/14) - - Replacement of the A-3496 feathering compression spring on HC-B(4,5)(M,T)(A,N,P)-(2,3,5) propellers with the 102877 spring. Obsolete 12/22/15.
HC-SB-61-325		obsolete	OMA SUD Skycar blade corrosion inspection/repair. Obsolete 08/27/12 incorporated in Manual 115N
HC-SB-61-326		obsolete	Not released to the field. Inspection of E9612() blades. All blades inspected. Obsolete 06/10/14
HC-SB-61-327		01/14/11	Introduces the 104018 washer for installation in the D-4511-(L)(P) spinner assembly on ()HC-()4Y()-() propellers.
HC-ASB-61-328	rev. 3	03/06/13	Operation of HC-B4TN-5QL with LT10890N(K) blades that are installed on Cessna 208B Super Van 900, under Supervan Systems Ltd. (Texas Turbines) STC SA10841SC. Revised to require replacement of the LT10890N(K) blades.
HC-SB-61-329		05/16/11	Modification of 7690C blades to 7690E. Replaces HC-SL-61-193
HC-ASB-61-330	rev. 1	10/11/11	Mitsubishi HC-B4TN-5/LT10282(N)(S)(B,K)-5.3R blade inspection, and shot peening. (Ref. AD 95-01-02)
HC-SB-61-331	rev. 1	04/01/12	Requires upgrade of 1, 8 Style Hubs to D, A Style Hubs
HC-ASB-61-332	rev. 1	12/13/11	Requires removal of the 835-54(P) and/or 835-58(P) spinner assembly when installed on Mooney M20() aircraft and introduces approved options for installation. Excludes Mooney M20J applications.

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HC-ASB-61-333	rev. 2	03/06/13	Operation of HC-B4TN-5QL with LT10890N(K) blades that are installed on Cessna 208(A), under Aero Twin STC SA02291AK. Revised to require replacement of the LT10890N(K) blades.
HC-SB-61-334		not issued	
HC-SB-61-335		12/13/11	Requires change of the speeder spring in S-1-47 governors.
HC-SB-30-336		08/27/12	Inspection and replacement of the 4H2271-12 de-ice boots installed on the King Air B200(C)(G)(T).
HC-ASB-61-337	rev. 1	08/27/12	Requires inspection of the A-880-1 piston nut on steel hub propellers.
HC-ASB-61-338	rev. 4	10/27/14	Replacement of B-119-2 diaphragms. (Ref. AD 2013-15-04)
HC-SB-61-339	rev. 3	03/17/15	Introduction of the 105030 wear strip for the HC-E5A-2() propeller installed on Pilatus PC-21 aircraft.
HC-SB-61-340		02/19/13	New 831-192 feathering spring assembly for HC-B5MA-2 propellers.
HC-ASB-61-341	rev. 2	04/15/15	Hub replacement for HC-(C,E,I)(2,3)YR-(1,2) propellers installed on SMA engines.
HC-SB-30-342		03/06/13	Inspection of de-ice installation on HC-E4N-5(A,B)/E8501K propeller installed on Cessna 441 with 4H2271-12 de-ice boots installed and boot replacement with 102643
HC-SB-61-343		02/19/13	New mounting flange torque for propellers installed on Lycoming IO-720 engines
HC-ASB-61-344		03/18/13	New governor drive gear for certain diesel engine applications
HC-SB-61-345	rev. 1	obsolete	Incorporated into HC-SB-61-392, Rev. 1. Installation of new pitch change rod hub bushing and fork bumper on affected PC-21. Obsolete 07/07/21.
HC-SB-61-346	rev. 3	01/05/23	Pitch change knob bracket unit rework or replacement for the HC-(D,E)4()-() propellers. This is an alternate configuration.
HC-SB-61-347		not issued	
HC-ASB-61-348		08/23/13	Not released to the field. Requires adjustment of the feather angle of lightweight turbine propeller models HC-D4N-3A with D9515K blades; installed on Beechcraft King Air B200(GT), under Raisbeck STC SA2698NM-S with affected serial numbers
HC-ASB-61-349		obsolete	Not released to the field. Initial and recurring visual inspection of serial number specific N7605(B) blades. Terminating action is return of the affected serial number blades to Hartzell Propeller Inc. for inspection. Obsolete Apr 01/14.
HC-SB-61-350		obsolete	Incorporated into Manual 157, Rev. 3 (Aug/17). Introduction of 105403 relief valve bolt unit to replace 101029 special cylinder bolt used on HC-E5A-2. This SB includes inspection criteria for 105403 relief valve bolt unit. Obsolete 02/01/21.
HC-ASB-61-351	rev. 1	03/07/14	Requires the replacement and retirement of piston units on steel hub turbine propeller models HC-B3()N-5()() and HC-B4()N-5()() with affected serial numbers, as well as piston units with affected serial numbers in inventory/stock.
HC-SB-30-352	rev. 1	12/18/14	Replacement of slinger ring assembly on Quest Kodiak
HC-SB-61-353		obsolete	Incorporated into Manual 115N, Rev. 21 (Mar/15) and Manual 127, Rev. 7 (Jul/15). Introduction of redesigned C-3567-(4, 8)(P) spinner assemblies with plastic forward support components. Includes inspection criteria for the plastic forward support components. Obsolete 10/01/15.

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HC-SB-61-354	rev. 1	obsolete	Incorporated into Manual 144, Rev. 4 (Jun/22). Hub/rod bushing modification procedures for HC-A6A-3 propellers. Obsolete 06/30/22.
HC-SB-61-355	rev. 2	02/13/15	Introduction of Daher-Socata Strake for TBM700
HC-SB-61-356	rev. 2	10/02/17	Requires inspection of the secondary windings on all Hartzell Propeller Inc. ()7690 and ()7890 composite propeller blades.
HC-ASB-61-357		06/01/15	Mounting bolt torque and spacer inspection for HC-B4TW-3/T10182N installed on Thrush aircraft.
HC-ASB-30-358	rev. 2	02/01/16	Replacement of the anti-ice brackets on steel hub propeller model HC-B3TN-3AF with affected serial numbers.
HC-SB-61-359		not issued	
HC-SB-61-360		07/16/14	New preload set screw and preload plate modification procedure for ()HC-()2Y(F,R)-(1,4)N propellers with N7605() blades.
HC-SB-61-361		09/03/14	Not released to the field. Oil level inspection.
HC-SB-30-362		03/17/15	Introduction of 106129 de-ice wire harness to replace the 4H2369-5 harness used on HC-E4N-2(B,C,D) with E9512(C,D,G)B-1() blades installed on Korean Aerospace KT-1 aircraft.
HC-SB-61-363	rev. 1	07/01/15	Introduction of A-2051-1 bolt with three-direction safety wire holes.
HC-SB-61-364		03/17/15	Introduction of the 105030 blade shank wear strip as a supersedure for the 105030-1 wear strip used on affected blade models.
HC-SB-61-365		05/01/15	Introduction of C-3317-112-10 control shaft O-ring for S-1-() and S-4-() governors.
HC-SB-30-366	rev. 3	02/01/17	Introduction of 106278 de-ice harness
HC-SB-61-367	rev. 1	12/01/16	NC8834K composite blade replacement program for propellers/blades with affected serial numbers.
HC-SB-61-368		02/18/16	Requires one-time shot peening of the balance hole on serial number specific M9128NSK blades installed on HC-B5MA-2 propellers. The affected blades may have had molten lead poured into the balance hole.
HC-SB-61-369		10/01/15	Requires inspection of 103433 hub bushings installed on affected aluminum hub compact propellers/hub units, and affected bushings in inventory/stock.
HC-SB-61-370		06/20/16	Introduction of the 106412 spring retainer cup and 106411 split keeper.
HC-SB-30-371		08/31/16	Introduction of the 106575 de-ice wire harness.
HC-SB-61-372	rev. 1	12/01/16	Introduction of the 102616 speeder compression spring and 102368 control lever as replacement components for affected S-1-20 governors.
HC-SB-61-373		02/01/17	Propeller mounting nut torque inspection and replacement for PHC-C3YF-1RF propellers installed by Textron Aviation on Beechcraft G36 (Bonanza) aircraft.
HC-SB-61-374	rev. 1	08/01/17	Blade bearing race inspection criteria for aluminum hub and steel hub propellers.
HC-SB-30-375	rev. 1	04/27/17	Introduces the 105555 de-ice wire harness as a replacement for the 105066 de-ice wire harness on affected 5D3-N338()/78D01B() propellers. Requires replacement of the de-ice wire harnesses on affected propellers.
HC-ASB-61-376	rev. 2	09/05/18	Requires repetitive inspections and overhaul of the blade counterweights on HC-E4A-2()/E9612() propellers installed on Beech T6A Texan II aircraft.
HC-SB-61-377	rev. 1	01/08/19	Requires replacement of the blade seals on 3C1-()()/76C03() Raptor-series propellers.

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HC-ASB-61-378	rev. 2	02/09/18	Requires repetitive eddy current inspections and replacement of counterweight clamps on affected HC-E5A-2()/E9193() propellers.
HC-SB-61-379	rev. 1	11/28/17	Requires repetitive visual inspections and replacement of counterweight clamps on affected HC-E5A-2()/E9193() propellers.
HC-SB-61-380		obsolete	Incorporated into Manual 496, Rev. 2 (May/19). Introduces the 107223 blade seal as a supersedure for the 106117 blade seal used on 5D3-N338()/78D01() Raptor-series propellers.
HC-ASB-61-381	rev. 1	08/16/18	Requires inspection and replacement of the A-1851-() blade retention bearings and B-6144-2 bearing balls on HC-B3TN-3D(Y)/T10282N(B) propellers installed on affected DeHavilland, Twin Otter DHC-6() aircraft.
HC-SB-61-382	rev. 1	11/01/18	Introduces the 107150 counterweight clamp as a supersedure for the E-7486 counterweight clamps used on Pilatus PC-21 aircraft.
HC-SB-61-383		07/12/18	Provides instructions for masking and shot peening the 103559 hub units used on affected HC-E4P-3K/E10479(S)K propellers.
HC-ASB-61-384		02/26/19	Requires overhaul and compression rolling of blade shanks on affected propellers that were overhauled by Avialsa T-35 S.L.
HC-SB-61-385		02/26/19	Requires replacement of D-5117-1 counterweight clamps with E-7016 counterweight clamps on Beech 1900D Airliner aircraft.
HC-ASB-61-386		02/26/19	Requires overhaul and shot peening of the blades on affected propellers that were overhauled by Shenyang Avias.
HC-SB-30-387		10/16/19	Introduces the 107383 de-ice boot as a replacement for the 105622 de-ice boot used on affected HC-E5A-3()/NC10245B() propellers.
HC-SB-61-388		08/03/20	Requires inspection of 835-39() spinner assemblies used on steel hub turbine propeller model HC-B3TF-7A
HC-SB-61-389	rev. 1	02/08/23	Requires replacement of the pitch change knob brackets on affected propellers.
HC-SB-30-390		06/02/21	Requires a spinner dome/travel tube inspection, and replacement of the 107637 travel tubes with 108445 travel tubes on affected 4C1-F650A1 propellers.
HC-SB-30-391		obsolete	Incorporated into Manual 135F, Rev. 39 (Mar/21) and Manual 180, Rev. 35 (Feb/21). Introduced the revised de-ice kit p/n 103769 and redesigned 107150 counterweight clamp (w/o spring pin hole) for Pilatus PC-21. Obsolete 03/04/21.
HC-SB-61-392	rev. 2	02/23/22	Introduces 108298 cylinder bushing and 108346 hub bushing as replacement bushings for use on affected five-blade lightweight turbine propellers.
HC-SB-61-393	rev. 1	04/05/21	Revises the mounting nut part number/torque specification that was published in Manual 486, Rev. 2 for the affected propellers. Requires a mounting nut torque inspection.
HC-SB-61-394		04/05/21	Inspection and modification of A-3067() and A-1983 guide lugs
HC-ASB-61-395		10/06/21	Requires replacement of the pitch change rod on affected propellers. (A-2418-15 pitch change rod replaces the A-2418-2 pitch change rod.)
HC-ASB-61-396	rev. 1	03/09/22	Requires re-shot peening of the bearing race seating area on affected Raptor hub units.
HC-SB-61-397		09/01/22	Requires recurring coin-tap inspection of the erosion shield on affected blades.
HC-ASB-61-399	rev. 1	10/05/22	Propellers overhauled by China Flying Dragon General Aviation

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HC-ASB-61-400	rev. 1	obsolete	This ASB was replaced by HC-SB-61-401. Requires re-orientation of the beta rod spring guide on affected 5D31-NK366B1() Raptor turbine propellers. Obsolete 12/07/22
HC-SB-61-401		12/07/22	Introduces the 107373-2 spring guide as a replacement for the 107373 spring guide on 5D31-NK366B1() propellers.
HC-ASB-61-402		03/08/23	Requires overhaul of propellers that were serviced by Trinity Specialized Services/Mid America Propeller/Specialized Propeller Services, LLC during the affected time period.
HC-SB-61-403		04/05/23	Requires replacement of affected FC7063Q blades that were manufactured with incorrect pitch change knob angle
HC-ASB-61-404	rev. 2	* 10/13/23	Requires inspection/replacement of affected A-321 blade clamp screws used in the affected propellers.
HC-ASB-61-405		* 10/13/23	Requires installation of the 109438 beta rod support ring to reduce friction in the beta system on affected 5D31-NK366B1() propellers.

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