

BOOK No 2



**SANTA MONICA
PROPELLER**

Propeller Logbook

3135 DONALD DOUGLAS LOOP S, SANTA MONICA, CALIF. 90405-6186
PHONE 1-800-421-9995
FAA CRS ZY2R362L

1. Approving National Aviation Authority/Country: **FAA/UNITED STATES**
 2. **AUTHORIZED RELEASE CERTIFICATE**
 FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: **K22544**
 4. Organization Name and Address:
SANTA MONICA PROPELLER, INC.
3135 DONALD DOUGLAS LOOP SOUTH
SANTA MONICA, CA 90405
 5. Work Order, Contract, or Invoice Number: **73712**

6. Item:	7. Description:	8. Part Number:	9. Eligibility*:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	MCCAULEY PROPELLER	B2D34C207A/78TCA-1.5	VARIOUS	1	HUB S/N: 765394 BLADES: K60419, K60420	OVERHAULED

13. REMARKS
 IN REFERENCE WITH FAA AD 2003-13-17, PROPELLER ASSEMBLY WAS COMPLETELY OVERHAULED, ASSEMBLED, RELUBRICATED, SET BLADE ANGLES, AIR PRESSURE LEAK CHECKED, FUNCTIONALLY TESTED, STATICALLY BALANCED AND SAFTED I/A/W MCCAULEY PROPELLER SERVICE MANUAL # 780630REV. 6, BOM100-1 REV.1, SPM100-1 REV.1, MPC-5 REV.7, AD2003-13-17, AD 2003-12-05 AND ALL APPLICABLE SB'S, SL'S, COMPLIED WITH TO DATE. NEXT ACTION DUE AT 2000 FLIGHT HOURS OF OPERATION OR 72 CALENDAR MONTHS, WHICHEVER OCCURS FIRST.
 -----END-----

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13
 Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 13

20. Authorized Signature: *[Signature]*
 21. Approval/Certificate No: **ZY2R362L**
 22. Name (Typed or Printed): **PEDRO PAREDES**
 23. Date (m/d/y): **07/17/03**

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.

Santa Monica Propeller Service, Inc.

3135 Donald Douglas Loop South Santa Monica, CA 90405
Certificated Repair Station No. ZY2R362L

Service Literature Check List

Printed 14 Documents Of 29 Applicable To This Model Propeller On 7/9/03
Program Last Updated 07/02/03

Propeller Model C207

Serial No. 765394

W.O. No. K22544

<u>Reference</u>	<u>Summary of Issues</u>	<u>Method of Compliance</u>	<u>Mech</u>
	*** Airworthiness Directive ***		
	*** Service Bulletin ***		
MC-SB- 106 Dated 03/20/75	Addition Of A-1664-11 Sealant At Low Pitch Stop Shims And At Spirol Pin In The Hub	Apply ADDITIONAL Sealant AT LOW PITCH STOP SHIMS & AT SPIROL PIN IN THE HUB.	MA Kyh
MC-SB- 119A Dated 03/01/99	Proper Usage Of Split Retainers	INSTALLATION Split Retainers WITH MATCHING SERIAL NUMBERS.	JA
MC-SB- 137W Dated 05/15/02	Time Between Overhaul Specifications	Propeller was completely overhauled, next action due AT 2000 FLIGHT HOURS or 72 CALENDAR MONTHS WHICHEVER OCCURS FIRST.	Q
MC-SB- 227B Dated 08/28/01	Propeller Installation Mounting Torque	INSTALLED Propeller INSTALLATION MOUNTING TORQUE CORRECT.	JA
	*** Service Letter ***		
MC-SL-1974-3 Dated 03/29/74	Recommended Cleaning And Inspection Procedures For Hubs And Blade Shanks	Cleaning & inspection procedures completed I/A/W SL-1974-3	ll
MC-SL-1979- 5 Dated 07/25/79	New Studs For Lycoming Hubs P/N B-5077	INSTALLED NEW STUDS P/N B5077 ON ASSEMBLY.	JA
MC-SL-1979- 7 Dated 09/18/79	Change Of Assembly Torque On Actuating Pin Screw P/N A-1635-113 Should Read 180 To 160 Lb.-In.	TORQUED ACTUATING PIN SCREWS P/N A-1635-113 TO 180 IN. LBS.	JA

er Model C207

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*** Service Letter ***

<u>Reference</u>	<u>Summary of Issues</u>	<u>Method of Compliance</u>	<u>Mech</u>
MC-SL-1987- 3 Dated 04/17/87	Reduction In Amount Of Grease Applied To Blade Bearings For All Grease Lubricated Controllable Pitch Propeller Models	Reduced THE AMOUNT OF GREASE APPLIED TO BLADE BEARINGS. USED AeroShell Grease #15.	JA
MC-SL-1995- 6 Dated 04/25/95	Definition Of "Major Disassembly"	Propellor WAS completely Disassembled. JA 110	JA
MC-SL-1998- 5 Dated 01/23/98	New Cylinder P/N C-5262, C-5263, C-5264 And New Support Spacer P/N C-6911 Will Replace All Previous Models.	Installation Now cylinder P/N C5262 @ new support spacer P/N C6911.	JA
MC-SL-2001- 1F Dated 12/15/02	Manual Revision	Manual Revision incorporated on Assembly.	Q
MC-SL-2001-11 Dated 11/01/01	Updated Parts Lists	Manual Revision incorporated on Assembly.	Q
MC-SL-2002- 3 Dated 02/15/02	Manual Revision	Manual Revision incorporated on Assembly.	Q
MC-SL-2002-14 Dated 05/15/02	Manual Revision	Manual Revision incorporated on Assembly.	Q

PROPELLER MAINTENANCE RECORD

LEFT ENGINE

Hub Model _____

Blade Design _____

Diameter _____

Hub Ser. No. _____

Blade Ser. Nos. _____

No. 1 _____

No. 2 _____

No. 3 _____

No. 4 _____

No. 5 _____

PITCH RANGE

High _____ Low _____

Feather _____ Reverse _____

Governor Model _____

RIGHT ENGINE

Hub Model B2D34 C207

Blade Design 78TCA-0

Diameter 76.5

Hub Ser. No. 765394

Blade Ser. Nos. _____

No. 1 K60419

No. 2 K60420

No. 3 /

No. 4 /

No. 5 /

PITCH RANGE

High 27.5 Low 12.9

Feather — Reverse —

Governor Model VARIOUS

DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS
& MINOR ADJUSTMENTS

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
7/17/2003		PROPELLER COMPLETELY OVERHAULED. I.A.W. McCAULEY SERVICE MANUAL # 780690 , BOM 100-1, SPMU-1 ALL McCAULEY S.B.'s AND S.L.'s COMPLIED WITH TO DATE. AD's DUB and clw	
T.S.O. 00.00		PROPELLER 2003-13-17, 2003-12-05	
W/O 73712		THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER THIS INVOICE NUMBER AND DATE.	
		SIGNED: <u>[Signature]</u> AUTHORIZED SIGNATURE F.A.A. A.R.S. NO. ZY2R362L	

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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
7-18-03		TIT 2455 TIT 2455 Prop Inspected After O/H. TORQUED + SAFETY	
		FOOTHILL AIRCRAFT SALES & SERVICE, INC. CABLE AIRPORT — UPLAND, CALIF. 91786 FAA APPROVED REPAIR STATION AJ4R052M WO# 7026 DATE 7-18-03 TAC 2455 NAME: <u>[Signature]</u>	

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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
11/04/03	2488	Annual Inspection 12-07-04 TACH. 2510 TO 2510 Prop. Overhaul + Painted	
		FOOTHILL AIRCRAFT SALES & SERVICE, INC. CABLE AIRPORT, UPLAND, CALIFORNIA 91786 FAA APPROVED REPAIR STATION AJ4R052M I CERTIFY THAT THIS Propeller HAS BEEN INSPECTED IN ACCORDANCE WITH Annual INSP. AND APPROVED FOR RETURN TO SERVICE. OTHER DETAILS OF THIS INSPECTION ARE ON FILE AT THIS FACILITY. W.O. NO. 7277 DATE 11/04/03 TAC 2488 T.I. A/C 2488 ENG. 103 NAME <i>[Signature]</i>	FOOTHILL AIRCRAFT SALES & SERVICE, INC. CABLE AIRPORT, UPLAND, CALIFORNIA 91786 FAA APPROVED REPAIR STATION AJ4R052M I CERTIFY THAT THIS Propeller HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSP. AND APPROVED FOR RETURN TO SERVICE. OTHER DETAILS OF THIS INSPECTION ARE ON FILE AT THIS FACILITY. W.O. NO. 7907 DATE 12-07-04 TAC 2510 T.I. A/C 2510 ENG. 125 NAME <i>[Signature]</i> P. 56 H. H.

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
		FOOTHILL AIRCRAFT SALES & SERVICE, INC. CABLE AIRPORT, UPLAND, CALIFORNIA 91786 FAA APPROVED REPAIR STATION AJ4R052M I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSP. AND APPROVED FOR RETURN TO SERVICE. OTHER DETAILS OF THIS INSPECTION ARE ON FILE AT THIS FACILITY. W.O. NO. 8603 DATE 3-20-06 TAC 2526.1 T.I. A/C 2526.1 ENG. 140.1 NAME <i>[Signature]</i>	INSTALLED NEW PROPELLER SPINNER.