

Left

Propeller Logbook

Hartzell ☒
McCauley ☐
Dowty ☐
Sensenich ☐
Hamilton Standard ☐
_____ ☐



AIRCRAFT PROPELLER SERVICE, INC.

INSTALLING AGENCY PLEASE NOTE:
Recording of Propeller Total Time Since New (TTSN)
Is Required Per F.A.R. 91.417

N8375Y LEFT PROP LOGBOOK #1

The manufacturers FAA approved overhaul period for this propeller is 72 ~~yrs.~~/mos. or 2000 hours, whichever occurs first.

Limiting factors affecting time between overhaul (TBO)

Corrosion, internal

- Directly proportional to calendar time
- Unseen and potentially catastrophic

Corrosion-erosion, external

- Calendar time and operating environment
- Visible and easily corrected

Wear, Internal/External

- Function of hours in operation and types of flying, i.e., aerobatic much higher wear rates than pleasure.

Seal Life

- Deterioration and loss of resiliency affecting sealing property is proportionate to calendar time in service.
- Wear rates are commensurate to hours flown.

IT IS STRONGLY RECOMMENDED ALL PROPELLERS MINIMUMLY RECEIVE AN INTERNAL CORROSION INSPECTION AND NEW SEALS AT INTERVALS NOT TO EXCEED FIVE YEARS.

Propeller Model HC-E2YL-2BS

Blade Model 7663-4

Hub Serial No. BG3157

Blade Serial No. 1 C1270

2 C1134

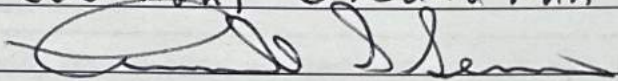
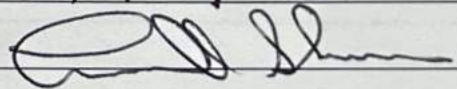
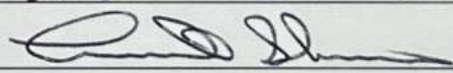
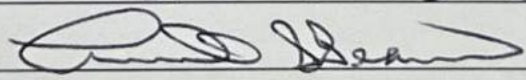
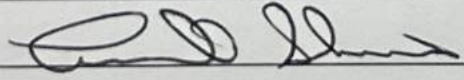
3 _____

4 _____

5 _____

6 _____

INSTALLATION HISTORY

Date	Aircraft Model & Registration No.	Engine Serial Number & Position
3-19-99	Reinstalled This prop on left side of Aircraft N83754	
Tach 3384.6	after overhaul Ground run leak ops check good	
Smoh 0.0	 AP 389829198	
T.I. 3384.6		
3-24-00	Tach 3475.5 smoh 90.9 C/w 100 hour inspection	
	 AP 389829198	
3-16-01	Tach 3573.5 smoh 188.9 C/w 100 hour inspection	
	 AP 389829198	
4-4-02	Tach 3731.9 smoh 347.3 C/w 100 hour inspection	
	 AP 389829198	
5-1-03	Tach 3882.9 smoh 498.3 C/w annual inspection	
	 AP 389829198IA	

1. UNITED STATES

FAA FORM 8130-3

AIRWORTHINESS APPROVAL TAG
U.S. Department of Transportation Federal Aviation Administration

3. System Tracking Ref. No.
52572

5. Work Order, Contract, or Invoice Number:
52572 W/ATTACHED PAGE(S)
1 THRU 2 DATED 03/03/99

4. Organization - **AIRCRAFT PROPELLER SERVICE INC.**
290 LARKIN DR. • WHEELING, IL 60090-6456 • 800-323-4130

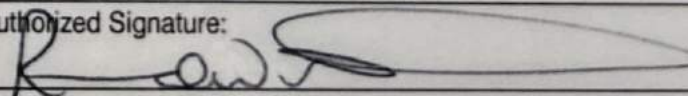
6. Item	7. Description	8. Part Number	9. Eligibility	10. Qty	11. Serial/Batch Number	12. Status/Work
1	HARTZELL PROPELLER	HC-E2YL-2BS 7663-4	TBV by Installer	1	BG3157	NEWLY OVERHAULED

13. Remarks OVERHAULED PER MANUAL 117D, 133C, 202A.

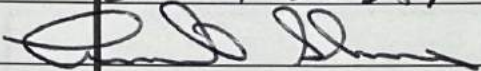
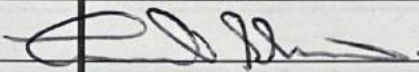
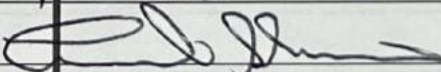
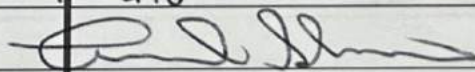
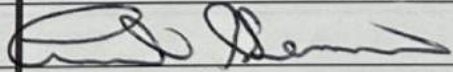
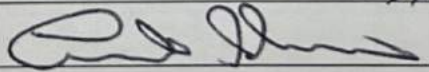
	Serial #	TSN	TSO/TSMI
COMPLIED WITH:	ASSY BG3157	UNK	0.0
A.D 77-12-06	Hub BG3157	UNK	0.0
S/I/R 89, 116, 122A, 144G, 170, 171B, 185	Bld1 C1270	UNK	0.0
S/B 97A, 118D, 136H, 155, 159A, 212, 213, 226	Bld2 C1134	UNK	0.0
S/L 77, 113, 125A, 143A, 148A			

The Next Action Required on this Component is within 2000 HOURS OR 72 MONTHS PER S/L 61U.






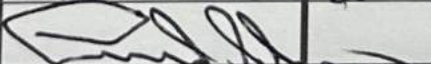
Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.

14. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA-approved design and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.		19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the parts is (are) approved for return to service.	
15. Signature	16. FAA Authorization No:	20. Authorized Signature: 	21. Certificate No. EY2R811K
17. Name (Typed or Printed):	18. Date:	22. Name (Typed or Printed) RICHARD WITSCHHEY, INSPECTOR	23. Date 03/03/99

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
4-15-04	Tach 4026.5	smoh 635.9	C/w 100 hour inspection	 AP 389829198
5-14-05	Tach 4133.3	smoh 748.7	C/w 100 hour inspection	 AP 3798291 AP 2836083
4-21-06	Tach 4211.1	smoh 826.5	C/w 100 hour inspection	 AP 2836083
5-4-07	Tach 4287.2	smoh 902.6	C/w 100 hour inspection	 AP 2836083
6-1-08	Tach 4317.3	smoh 932.7	C/w 100 hour inspection	 AP 2836083
6-25-10	Tach 4341.2	smoh 956.6	C/w 100 hour inspection	 AP 2836083

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
4-1-2011	Tach 4387.6	smch 1203.0	C/w 100 hour inspection	 AP2836083
9-1-2012	Tach 4388.0	smch 1203.4	C/w 100 hour inspection	 AP2836083
5-22-14	Tach 4395.2	smch 1010.6	C/w 100 hour inspection	 AP2836083
7-1-15	Tach 4402.7	smch 1018.1	C/w 100 hour inspection	 AP2836083
4-6-18	Tach 4403.4	smch 1018.8	C/w 100 hour inspection	 AP2836083 RS
12-12-18	Tach 4404.8	smch 1018.8 1021.6	Remove & This prop for overhaul	 AP2836083

SERVICE HISTORY

[illegible]

SERVICE HISTORY


Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
<div> <div>1. Approving Civil Aviation Authority/Country: FAA/United States</div> <div>2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</div> <div>3. Form Tracking Number: 123467</div> </div>				
<div> <div>4. Organization Name and Address: MAXWELL AIRCRAFT SERVICE, INC. 5800 CRYSTAL AIRPORT ROAD MINNEAPOLIS, MN 55429</div> <div>5. Work Order/Contract/Invoice Number: 123467</div> </div>				
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:
1	HARTZELL PROPELLER	HC-E2YL-2BS/7663-4	1	BG3157
11. Status/Work: OVERHAULED				
12. Remarks: BLADE SERIAL NUMBERS: C1134, C1270. OVERHAULED PROPELLER IN ACCORDANCE WITH HARTZELL PROPELLER MANUALS: 117D REVISION 16, 133C REVISION 35, 159 REVISION 64, 202A REVISION 56. COMPLIED WITH HARTZELL SERVICE BULLETINS: 118F REVISION 1, 136I, 374 REVISION 1. COMPLIED WITH HARTZELL SERVICE LETTERS: 61Y REVISION 12, 62A REVISION 1, 176, 217, 267, 293 REVISION 1, 348, 354.				
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:		13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
			<i>Conrad E. Maxwell</i>	UF2R211L
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):
			CONRAD E. MAXWELL 2386511	FEBRUARY 1, 2019
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. 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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.				
FAA Form 8130-3 (02-14)			NSN: 0052-00-012-9005	



Rhineland Flying Service
3400 Airport Road P.O. Box 501
Rhineland, Wi. 54501 715-365-3456

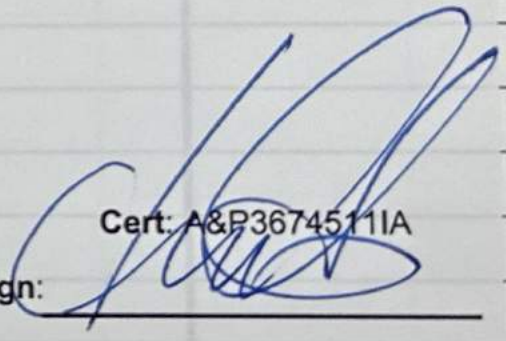
N8375Y Date:3/6/19 Tack: 4404.8 Total Time: ----- SMOH: 0.0

Installed this prop on left side of aircraft N8375Y after overhaul by Maxwell Aircraft Services.
Ground run leak and ops check good.


Russell S. Seamans AP 2836083

es

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
			<p>Date: 05/26/2021 Hours: 4515.84</p> <p>Tail#: N8375Y</p> <p>Make: Hartzell Model: HC-E2YL-2BS S/N: BG3157</p> <p>Performed an Annual/100 Hour Inspection In accordance with 14 CFR 43 Appendix D using Piper Twin Comanche Service Manuals as a guide</p> <p>I certify that this Propeller has been inspected In accordance with Annual inspection and was determined to be in an airworthy condition.</p>	
			<p>Name: Troy Creeks</p> <p>Co: Carson Aviation Services</p>	<p>Cert: A&P3674511IA</p> <p>Sign: </p>

SERVICE HISTORY

[illegible]



**AIRCRAFT
PROPELLER
SERVICE, INC.**

290 LARKIN DRIVE • WHEELING, IL 60090 • CRS EY2R811K
(800) 323-4130 • (847) 541-1133 • FAX: (847) 541-0176

RIGHT
**Propeller
Logbook**

Hartzell ☒
McCauley ☐
Dowty ☐
Sensenich ☐
Hamilton Standard ☐
_____ ☐



**AIRCRAFT
PROPELLER
SERVICE, INC.**

INSTALLING AGENCY PLEASE NOTE:
Recording of Propeller Total Time Since New (TTSN)
Is Required Per F.A.R. 91.417

N8375Y RIGHT PROP LOGBOOK #1

The manufacturers FAA approved overhaul period for this propeller is 72 ~~yrs.~~/mos. or 2000 hours, whichever occurs first.

Limiting factors affecting time between overhaul (TBO)

Corrosion, internal

- Directly proportional to calendar time
- Unseen and potentially catastrophic

Corrosion-erosion, external

- Calendar time and operating environment
- Visible and easily corrected

Wear, Internal/External

- Function of hours in operation and types of flying, i.e., aerobatic much higher wear rates than pleasure.

Seal Life

- Deterioration and loss of resiliency affecting sealing property is proportionate to calendar time in service.
- Wear rates are commensurate to hours flown.

IT IS STRONGLY RECOMMENDED ALL PROPELLERS MINIMUMLY RECEIVE AN INTERNAL CORROSION INSPECTION AND NEW SEALS AT INTERVALS NOT TO EXCEED FIVE YEARS.

Propeller Model HC-E242-238

Blade Model 7663-4

Hub Serial No. BQ3158

Blade Serial No. 1 B98031

2 C180


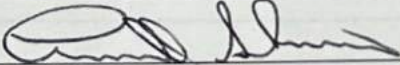
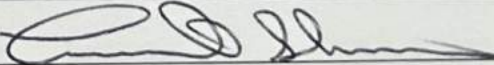
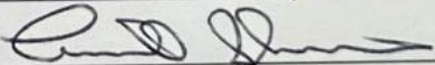
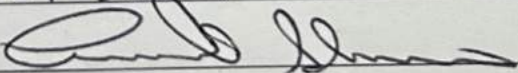
3 _____

4 _____

5 _____

6 _____

INSTALLATION HISTORY

Date	Aircraft Model & Registration No.	Engine Serial Number & Position
3-19-99	Tach 3384.6 smoh D.O. T.T. 3384.6	
	Reinstalled this prop on right side of Aircraft N83754 after overhaul. Ground run leak top check good  AP 389829198	
3-24-00	Tach 3475.5 smoh 90.9 C/w 100 hour inspection	
	 AP 389829198	
3-16-01	Tach 3573.5 smoh 188.9 C/w 100 hour inspection	
	 AP 389829198	
4-4-02	Tach 3731.9 smoh 347.3 C/w 100 hour inspection	
	 AP 389829198	
5-1-03	Tach 3882.9 smoh 498.3 C/w annual inspection	
	 AP 389829198IA	

1. UNITED STATES

FAA FORM 8130-3

AIRWORTHINESS APPROVAL TAG

U.S. Department of Transportation Federal Aviation Administration

3. System Tracking Ref. No.

52573

4. Organization - **AIRCRAFT PROPELLER SERVICE INC.**

290 LARKIN DR. • WHEELING, IL 60090-6456 • 800-323-4130

5. Work Order, Contract, or Invoice Number
52573 W/ATTACHED PAGE(S)

1 THRU 1 DATED 03/03/99

6. Item	7. Description	8. Part Number	9. Eligibility	10. Qty	11. Serial/Batch Number	12. Status/Work
1	HARTZELL PROPELLER	HC-E2YL-2BS 7663-4	TBV by Installer	1	BG3158	NEWLY OVERHAULED

13. Remarks OVERHAULED PER MANUAL 117D, 202A, 133C.

COMPLIED WITH:

A/D 77-12-06

S/I/R 89, 116, 122A, 144G, 170, 171B, 185

S/B 97A, 118D, 136H, 155, 159A, 213, 212, 226

S/L 77, 113, 125A, 143A, 148A

Serial #

ASSY BG3158

Hub BG3158

Bld1 B98031

Bld2 C180

TSN TSO/TSNI

UNK 0.0

UNK 0.0

UNK 0.0

UNK 0.0

The Next Action Required on this Component is within 2000 HOURS OR 72 MONTHS PER S/L 61U.

Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.

14. New ☐

Newly Overhauled ☐

Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA-approved design and airworthiness.

NOTE: In case of parts to be exported, the special requirements of the importing country have been met.

19. Return to Service in Accordance with FAR 43.9

Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the parts is (are) approved for return to service.

15. Signature

16. FAA Authorization No:

20. Authorized Signature:

21. Certificate No.

EY2R811K

17. Name (Typed or Printed):

18. Date:

22. Name (Typed or Printed)

RICHARD WITSCHY, INSPECTOR

23. Date

03/03/99

BOLT
B6526-7
WASHER
A2404-1
LOW STOP

DAMAGED


DAMAGED

SL213-2B

SUBLET, HUB REWORK PER S/B 61-213

3/W BG3158

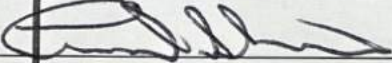



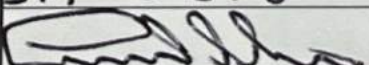

	TSN	TSO
Prop	UNK	0.0
BLADE	UNK	0.0

THIS PROPELLER/~~GOVERNOR~~ HAS
BEEN OVERHAULED/~~SERVICED~~ AS
PER MAINTENANCE RELEASE TAG
DATED 03/03/99 AND
UNDER WORK ORDER # 52573
FOR
AIRCRAFT PROPELLER SERVICE
INC. WHEELING, ILLINOIS
CRS# EY2R811K
BY: 

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
4-15-04	Tach	4020.5 smoh	635.9 C/w 100 hour inspection	AP 389829198
5-14-05	Tach	4133.3 smoh	748.7 C/w 100 hour inspection	AP 2836083
4-21-06	Tach	4211.1 smoh	826.5 C/w 100 hour inspection	AP 2836083
5-4-07	Tach	4277.2 smoh	902.6 C/w 100 hour inspection	AP 2836083
5-1-08	Tach	4317.3 smoh	932.7 C/w 100 hour inspection	AP 2836083
6-25-10	Tach	4341.2 smoh	956.6 C/w 100 hour inspection	AP 2836083

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
4-1-2011	Tach 4382.6	smch 1003.0	C/w 100 hour inspection	 AP2836083
9-1-2012	Tach 4378.0	smch 1003.4	C/w 100 hour inspection	 AP2836083
5-22-14	Tach 4395.2	smch 1010.6	C/w 100 hour inspection	 AP2836083
7-1-15	Tach 4402.7	smch 1018.1	C/w 100 hour inspection	 AP2836083
4-6-18	Tach 4403.4	smch 1018.8	C/w 100 hour inspection	 AP2836083
12-19-18	Tach 4404.8	smch 1021.6	Removed This prop for overhaul	 AP2836083

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
<div> <div> 1. Approving Civil Aviation Authority/Country: FAA/United States </div> <div> 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG </div> <div> 3. Form Tracking Number: 123468 </div> </div>				
<div> <div> 4. Organization Name and Address: MAXWELL AIRCRAFT SERVICE, INC. 5800 CRYSTAL AIRPORT ROAD MINNEAPOLIS, MN 55429 </div> <div> 5. Work Order/Contract/Invoice Number: 123468 </div> </div>				
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:
1	HARTZELL PROPELLER	HC-E2YL-2BS/7663-4	1	BG3158
11. Status/Work: OVERHAULED				
12. Remarks: BLADE SERIAL NUMBERS: B98031, C180. OVERHAULED PROPELLER IN ACCORDANCE WITH HARTZELL PROPELLER MANUALS: 117D REVISION 16, 133C REVISION 35, 159 REVISION 64, 202A REVISION 56. COMPLIED WITH HARTZELL SERVICE BULLETINS: 118F REVISION 1, 136I, 374 REVISION 1. COMPLIED WITH HARTZELL SERVICE LETTERS: 61Y REVISION 12, 62A REVISION 1, 176, 217, 267, 293 REVISION 1, 348, 354.				
<div> <div> 13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12. </div> <div> 14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. </div> </div>				
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:
				<i>Conrad E. Maxwell</i>
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No.:
				UF2R211L
14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):		
CONRAD E. MAXWELL 2386511		FEBRUARY 1, 2019		
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. 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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.				
FAA Form 8130-3 (02-14) NSN: 0052-00-012-9005				

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
February 1, 2019	TACH: 4404.8	TSO: 0	Overhauled Propeller Serial No. BG3458 in accordance with Hartzell Propeller Manuals: 117D Rev.16, 133C Rev. 35, 159 Rev.64, 202A Rev.56. Complied with hartzell Service Bulletins: 118F Rev.1, 136I, 374 Rev.1. Complied with Hartzell Service Letters: 61Y Rev. 12, 62A Rev.1, 176, 217, 267, 293 Rev.1, 348, 354. Maxwell Aircraft Service Minneapolis Mn. 55429 CRS# UF2R211L Repair Order No. 123468	

Carol E. Munn
2386511




Rhineland Flying Service
3400 Airport Road P.O. Box 501
Rhineland, Wi. 54501 715-365-3456

ures

N8375Y Date:3/6/19 Tack: 4404.8 Total Time: ----- SMOH: 0.0

Installed this prop on right side of aircraft N8375Y after overhaul by Maxwell Aircraft Services.
Ground run leak and ops check good.


Russell S. Seamans AP 2836083

SERVICE HISTORY

[illegible]

SERVICE HISTORY

[illegible]



**AIRCRAFT
PROPELLER
SERVICE, INC.**

290 LARKIN DRIVE • WHEELING, IL 60090 • CRS EY2R811K
(800) 323-4130 • (847) 541-1133 • FAX: (847) 541-0176