

N 13108

Cessna[®]



ENGINE
AND PROPELLER LOG

N 13108 SERIAL NO. L-20947-204

ENGINE DESCRIPTION

Mfgr. <i>Lycorning</i>	Place	Date
Type <i>A- opposed</i>	Model <i>O-360-A1F6D</i>	Serial No. <i>L-20948-36A</i>
Rated H. P. <i>180</i>	Maximum H. P. <i>180</i>	Weight (Dry)
Rated R. P. M. <i>2700</i>	Maximum R. P. M. <i>2700</i>	Oil Pressure
Bore	Stroke	Displacement
		Cu. In.
Compression Ratio	Supercharger Ratio	Gear Ratio
Propeller <i>McCaulley</i>	Hub Design <i>B2D 34C211</i>	Hub Serial No. <i>757491</i>
Blade Design <i>82PCA-6</i>	Blade Serial	Blade Serial
Maximum Hub H. P.	Maximum Blade H. P.	
Pitch <i>1/12.1°</i>	Diameter <i>76"</i>	Length
Owner's Name		
Address	City	State

DATE

19 *76*

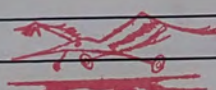
109

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 76 1/09	2.5	2.5			<i>[Signature]</i>	
<p>ENGLE FLYING SERVICE</p> <p>Date <u>2/16/76</u> Tach. Reading <u>33.0</u></p> <p>I certify that this <u>ENGINE</u> has been serviced and inspected in accordance with a <u>25 HOUR</u> inspection and was determined to be in airworthy condition.</p> <p><u><i>[Signature]</i></u> <u>FAIR OAKS, CALIF. 94749</u></p> <p style="text-align: right;"><i>[Logo]</i> ENGLE FLYING SERVICE 4000 uncombed PHOENIX FIELD FAIR OAKS, CALIF. 94749 967-7761</p>						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
				ENGLE FLYING SERVICE		
				ENGLE FLYING SERVICE	ENGLE FLYING SERVICE	
				Date <u>3/30/76</u> Tach. Reading <u>100.9</u>	Date <u>10MAY</u> Tach. Reading <u>1533</u>	
				I certify that this <u>Cessna</u> has been serviced and inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition	I certify that this <u>ENGINE</u> has been serviced and inspected in accordance with a <u>50HR</u> inspection and was determined to be in airworthy condition	
						
				<u>89TS 50W</u> <u>Avioshell</u> PHOENIX FIELD FAIR OAKS, CALIF. 94628 867-7761	<u>William M. Smith</u> <u>A+P1709118</u> PHOENIX FIELD FAIR OAKS, CALIF. 94628 867-7761	
				<u>ANNIE D. HILL</u> <u>AAP 1889149 AI</u>	<u>89TS Avioshell 50WT</u> <u>REPAIRED CRACK IN MUFFLER</u>	
				— END —		


CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
ENGINE FLYING SERVICE						
Date <u>July</u>		Tach. Reading <u>217.0</u>				
<p style="color: red; font-size: 0.8em;">I certify that this <u>ENGINE</u> has been serviced and inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in <u>airworthy</u> condition.</p>						
<p style="color: red; font-size: 0.8em;">PHOENIX FIELD FAIR OAKS, CALIF. 95628 9674761</p>						
<p style="font-size: 1.2em; font-family: cursive;">80% Aero shell 50WT & Filter change Removal & Repl Alternator</p>						

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
				<p>ENGLE FLYING SERVICE</p> <p>Date <u>8/6/76</u> Tach. Reading <u>2540</u></p> <p>I certify that this <u>ENG</u> has been serviced and inspected in accordance with a <u>50 HR</u> inspection and was determined to be in airworthy condition</p> <p><u><i>Debra Ragle</i></u> AIP <u>2217557</u></p> <p style="text-align: right;">  PHOENIX FIELD FAIR OAKS, CALIF. 95628 967-7761 </p> <p style="text-align: right;"> <u>8 QTS RPM 50 WT.</u> <u>REPLACED OIL FILTER</u> </p>		

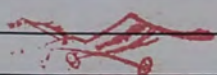

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
8/14/76				Tach 257.4 Removed and installed New fuel pump. SEE CARD.	William K. Smith	A-P 1709118
9/18/76				I CERTIFY THIS AIRCRAFT ENITRE HAS BEEN SERVICED AND INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINES TO BE AIRWORTHY.	Alvin J. Hahn	A-P 1889148

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
ENGLE FLYING SERVICE						
Date <u>OCT. 15, 1976</u>		Tach. Reading <u>353.5</u>				
I certify that this <u>ENGINE</u> has been serviced and inspected in accordance with a <u>50 HRC</u> inspection and was determined to be in airworthy condition						
<u>Ralph H. Balam</u> APP 2217557				8 QTS R4M 100 482 FILTER ELEMENT. PHOENIX FIELD FAIR OAKS, CALIF. 95628 967-7781		
ENGLE FLYING SERVICE						
Date <u>NOV 12, 1976</u>		Tach. Reading <u>389.5 HRS.</u>				
I certify that this <u>ENGINE</u> has been serviced and inspected in accordance with a <u>100 HRC</u> inspection and was determined to be in airworthy condition						
<u>Ralph H. Balam</u> APP 2217557				PHOENIX FIELD FAIR OAKS, CALIF. 95628 967-7781		
<p><u>OCT. 20, 1976 TACH. 353.5</u> <u>INSTALLED OIL PRESSURE GAUGE CESSNA</u> <u>PART NO. 10-31-002-AEC TO MANUFACTURERS</u> <u>SPECIFICATIONS, INSTALLED NEW RHM 38E</u> <u>PLUGS IN L# 4 & L# 1 CYLINDERS, OK FOR RETURN</u> <u>TO SERVICE.</u> <u>Ralph H. Balam</u> APP 2217557</p>						
<p><u>REPLACED SIX (6) SPARK PLUGS CLEAN</u> <u>GRADED & TESTED REMAINING TWO (2)</u> <u>OIL OIL CHANGED & QTS R4M 100 ADDED.</u> <u>FILTER CHANGED, ELECT OIL, -BND-</u></p>						

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
16 March 1977				Changed oil and filter this date tach 449.0 Ralph C. Lewis IA 1537715		
28 June 1977				Changed oil this date tach 508.0 R Lewis IA 1537715		
14 July	C/W			AD NOTE 77-12-8 Ralph C. Lewis IA 1537715		
I certify this <u>Engine</u> has been inspected				Replaced Rivets carb-heat box Welded crack in carb-heat box pickup cleaned plugs checked mag's Compression Check #1-8% #2-5% #3-10% #4-4%		
in accordance with <u>Annual</u> inspection and						
was determined to be in airworthy condition						
Tach <u>526.2</u>	TT <u>526.2</u>	Date <u>14 July 77</u>		Ralph C. Lewis IA 1537715		
I certify this <u>Engine</u> has been inspected				change oil cleaned plugs checked timing run compression check		
in accordance with <u>Annual</u> inspection and						
was determined to be in airworthy condition						
Tach <u>610.0</u>	TT <u>610.0</u>	Date <u>13 July 77</u>		Ralph C. Lewis IA 1537715		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
5/10 1980				FAULT SEALS 500.9 hrs. T.T. #1 7/30 #2 7/30 #3 7/30 #4 7/30 Change oil and oil filter. Service and rotate wash plugs. Air filter replaced. Clean air filter. Certify that this engine has been inspected in accordance with a 100hr. inspection and was found to be in airworthy condition. Paul J. Aceme AFA 514488002		
				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.		
				Larry L. Erickson		1A564608459

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
				JUNE 10, 1982 TACH READING 869.0 CHANGED OIL, 8 QTS. AEROSHELL W, GRADE 100 CHANGED OIL FILTER, AC OF 11A, SPRAYED DOWN ENGINE COMPARTMENT WITH CLEANING SOLVENT. <i>Paul E Cannon</i> A+P 1074468		
1/17/83				TACH. 898.4 Completed an Annual inspection i/A/w an approved inspection guide.		
				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION TACH. 898.4 DATE 1/17/83 BY <i>S. Brooks</i> CERT. NO. 1584623, A APPLICABLE A.D. NOTES IN REAR PAGES		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				MARCH 24, 1985 TOTAL TIME + TACH READING 1025.3 CHANGED OIL, 7 QTS AEROSHELL W, GRADE 100. INSTALLED NEW OF-11A OIL FILTER ELEMENT, DIFFERENTIAL CYLINDER COM- PRESSION CHECK ① 78/80, ② 76/80, ③ 76/80, ④ 77/80. CHECKED MAG TO ENGINE TIMING, INSPECTED EXHAUST STACKS + MUFFLER FOR CRACKS, INSTALLED NEW P/N C 294510-0601 CARBURETOR AIR FILTER (AD 84-26-02), DRAINED CARB BOWL + CHECKED FUEL INLET SCREEN, CHECKED FUEL FLOW THRU CARB FROM EACH TANK, REMOVED PROP- ELLER TO INSTALL NEW P/N 76026 ALTERNATOR DRIVE BELT, CLEANED SLUDGE FROM CRANK SHAFT + PROP HUB, REINSTALLED PROPELLER WITH NEW OIL SEAL, RADIOSED OUT ROCK NICKS IN PROP BLADES + SANDED + PAINTED BLADES, AD COMPLIANCE RECORD IS IN BACK OF AIRCRAFT LOG BOOK, I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN CONDITION FOR SAFE OPERATION, Paul E Canon CLEANED + REGAPPED SPARK PLUGS, JA #1074468		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
APRIL 11, 1986				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION TOTAL TIME 1049.1	DON DENCH Don Dench A+P #1121568	
APRIL 11, 1986				TOTAL TIME & TACH READING 1049.1	I CERTIFY	
				THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSP, AND WAS DETERMINED TO BE IN CONDITION FOR SAFE OPERATION.		
				DIFFERENTIAL CYLINDER COMPRESSION CHECK: ① 78/80, ② 75/80, ③ 75/80		
				④ 75/80, CHECKED EXHAUST STACKS & MUFFLER FOR CRACKS.		
				Paul E Cannon IA #1074468		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE
19

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
				5-4-87 TOTAL TIME 1078.0 TACH TIME 1078.0, PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX D, AND STANDARD CHECK LIST. COMPLIED WITH AD 86-24-07 TO PREVENT LOSS OF POWER INSTALLED DRILLED BOLTS, CAS- TLE NUT & LOCKER PINS IN THROTTLE AND PROP CONTROLL. INSTALLED NEW OIL FILTER ELEMENT PART NUMBER CFO-1000 AND PUT IN 7QT. OF AREO SHELL 50 ^{W-100} SAE 50 OIL. CLEANED PLUGS AND BLEW OUT INTAKE AIR FILTER. COMPRESSION CHECK RESULTS NUMBER 1- ⁷⁵ 80 , 2- ⁷⁸ 80 , 3- ⁷⁵ 80 , 4- ⁷⁴ 80 . I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION ^{CONDITION} . <i>Wilton S. Hudgins</i> A3P 227821411		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
				MAY 4, 1987 TOTAL TIME & TACH READING 1078.0 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN CONDITION FOR SAFE OPERATION. Paul E Carson IA # 1074468		
04-04-88				TACH TIME 1101.2 HRS. REMOVED STARTER, REPLACED BRUSHES, BEARINGS, AFT BEARING RETAINER PLATE; CLEANED, INSPECTED, LUBED AND RE-INSTALLED ON ENGINE. PART NUMBERS REPLACED, 19-175, 24-65, 24-60, 24-82. (ALL PRESTOLITE P/N'S) OPERATIONAL CHECKS O.K. ADJUSTED ALTERNATOR BELT TENSION. <i>Paul E Carson</i> A#P388548922IA.		
06-01-88				TOTAL AIRCRAFT AND ENGINE TIME 1112.3 HRS. DRAINED ENGINE OIL, REMOVED OIL- FILTER, INSTALLED CHAMPION CFO-100 FILTER ELEMENT, SERVICED WITH 9 QTS AEROSHELL 100/50 WT OIL. COMPRESSION TEST: #1-75/80, #2-74/80, #3-73/80, #4-75/80. AD'S CHECKED THROUGH 88-09-MAY. I CERTIFY THAT I HAVE INSPECTED THIS ENGINE AND PROPELLER IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAVE FOUND THEM TO BE IN AIRWORTHY CONDITION. <i>Paul E Carson</i> A#P388548922IA.		
07-15-88				TACH TIME 1124.3 HRS. REMOVED DRY AIR PUMP AIRBORNE P/N 211 CC AND INSTALLED NEW PUMP, S/N O4AD002298. OPS. CHECKED OK. <i>Paul E Carson</i> A#P388548922.		
CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE						

DATE DURATION

19

ENGINE LOG

DATE 19 90	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
7-9-90	—	1238.	2	TACH TIME 1238.2 PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX D. USED STANDARD CHECKLIST AND CESSNA SERVICE MANUAL. AD COMPLIANCE MAYBE FOUND IN AIRCRAFT RECORDS. COMPRESSION CHECK RESULTS 1-74/80, 2-76/80, 3-72/80, 4-74/80. CHANGED OIL AND FILTER, USED 8QTS. OF AEROSHELL W/100 SQUAT. AND OIL FILTER ELEMENT CHAMPION P/N - CFD-100. REBATED BELT BOX COVER GASKET ON NUMBER 1 AND 3 CYLS. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	Wilton Hodgins	PJP 277821411

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE 19	DURATION
7/13/90	—
10/6/90	—

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
7/13/90		AIRCRAFT TOTAL TIME 1238.2				
		TSMO 1238.2				
I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. <u>Alan Brooks</u> AP 1584623 IA						
10/6/90		1265.9		Tach Time 1265.9 Complied with AD 90-04-06 AT THIS TIME AND DATE, INSPECTED PROP GOVERNOR OIL LINE AND MOUNTING IN ACCORDANCE WITH AD INSTRUCTIONS AND SERVICE BULLETIN SEB90-2. <u>Wilton Hodgins</u> AP 227821411		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE

DURA

ENGINE, MAKE Lycoming

AIRCRAFT, N 13108

MODEL 0-360-A1E S/N L-20948-36A



MAKE Cessna MODEL 177B

GENERAL AVIATION CORPORATION

JANESVILLE 608/756/1234

ROCK COUNTY AIRPORT • JANESVILLE, WI 53546

BELOIT 608/365-9703

DATE 3-4-94 TACH./HR/ METER 1551.4 TOTAL TIME 1551.4 TIME SMOH _____

Changed Oil and Cleaned Screen Replaced filter Added 8 Qts. of Aeroshell 15w-50 Oil.
Cleaned, Gapped & Checked Spark Plugs, Checked Magneto Timing, Compression

#1 78 /80 #2 72 /80 #3 76 /80 #4 77 /80 #5 _____ /80 #6 _____ /80

Installed repaired muffler see yellow tag wo #36158 Dawley Aviation
Cleaned primer needles replaced mag gasket + all exh gaskets.

I Certify that this engine has been inspected in accordance with Annual Inspection and found to be in an airworthy condition.

Name Michael D. Cole

Mechanic# AI 396764670

EL4-02-89

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DATE

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5-6-94

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Name Taris A

S/N 22

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ENGINE LOG

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Lumanair Inc.

Aurora Muni. Airport

Sugar Grove, Il.

1-70/80 2-74/80 3-70/80 4-73/80

CHANGED OIL AND FILTER, INSPECTED FILTER, SERVICED OIL WITH
AEROSHELL 15W50.

INSTALLED NEW ROCKER COVER GASKETS ON #2 & #4 CYLINDERS.
TIGHTENED ALTERNATOR BELT. INSTALLED NEW AIR FILTER.
INSTALLED NEW PUSHROD TUBE HOUSING ON #2 CYLINDER.
REINSTALLED PROPELLER.

Lumanair Inc. Certified Repair Station #CGFR811C

I certify this engine has been inspected in accordance with an annual inspection and is
approved for return to service.

David M. Hoagland

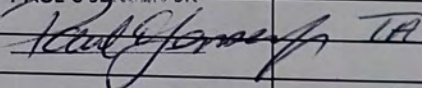
Work Order # 14611Hobbs/Tach 1611Date 4/13/95Total Time 1611LICENSE
NUMBER

DATE

DURATION

19

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
4/13/96				TACH READS 1657.1 FT CHANGED OIL & FILTER USING 9QTS 15W50 SHELL OIL. COMPRESSION OK (OVER 80#) #1-71 #2-72 #3-69 #4-73. CLEANED & GAPPED ALL SPARK PLUGS C/W SB 519A CHECKED THERMOSTATIC VALVE, INSPECTED OIL, FUEL, INTAKE & EXHAUST SYSTEMS. AD 78-09-07 R3 MAG DUE BY 1706.5 TACH. WASHED & RAN ENGINE.		
					DATE 4/13/96 TOTAL ENG. TIME 1657.1 I CERTIFY THIS ENG. HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. AT THIS TIME & DATE. PAUL C JENSEN JR.  TA A&P # 32636284	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE	DURATION
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19

5-14-97





"LOOK FOR THE RED AND BLUE
CESSNA PENNANTS FOR THAT
EXTRA SERVICE WHERE IT COUNTS
WHEN YOU NEED IT."

CESSNA AIRCRAFT COMPANY WICHITA, KANSAS