

NATIONAL AIRCRAFT APPRAISERS ASSOCIATION
AIRCRAFT APPRAISAL REPORT

Name: Mr. Kevin Larken

Attention: Mr. Kevin Larken

Phone: (716) 722-4558

Address: 30 Light Feather Drive
Rochester , NY 14453

Aircraft Identification

Make: LAKE AIRCRAFT INC.

Model: LA-4-250 - Renegade

Serial No. 119

Reg. No. N46D

Yr. Mfg. 1991

Type of Aircraft: Single Engine Piston

Airframe Total Time: 1325 Hrs. **No. Landings:** N/A **Cycles:** N/A

Airframe Condition: Very Good

Log Books in Aircraft Appear: Original.

Comments: All log books (Airframe, Engine and Propeller) were reviewed and appear to be original. All maintenance items are logged in a neat and orderly manner. The Certificate was issued on September 17, 1990. Although this aircraft was manufactured in 1990 its valued for the model year of 1991, when the aircraft was entered into service. The log book is properly documented as to this fact and is in accordance with Federal Regulations. The Pilots Operating Handbook was also reviewed along with the aircraft weight and Balance Record and was found to be complete. The aircraft equipment list does need updating to reflect the current avionic equipment installed. Visual inspection of the aircraft revealed evidence of hangar rash to the rudder trim linkage fairing which was found to be cracked. This does not affect the aircraft in any negative way as far as safety and airworthiness.

Maintenance Status

Maintenance Annual Date: 9/7/2000

On Progressive Inspection: No.

Comments: The last annual inspection was completed and properly signed off as per FAR Regulations. The next annual inspection will be due September 30, 2001. The status of Airworthiness Directive (AD's) show evidence of compliance via log book

documentation as of last annual inspection. FAA form 337, record of Major Repair and Alteration was also found to be kept neat and in order. This aircraft's wings have been reinforced by JCM Aero Design Limited, Peterborough, Ontario Canada. This work is documented and approved by STC #SA01269NY.

Time Life Limited Systems: No.

Cycle Life Limited Systems: No.

Comments: Time Life Limited Systems and Cycle Life Systems do not apply to this aircraft.

Service Bulletin Status: Record of Service Bulletin compliance listed in log books.

AD's Complied With: Yes.

Estimated Cost for AD's Compliance: N/A

Tires Condition: Good

Type Brakes: Disc;

Anti-Skid: No

Exterior Paint Condition: Good

Repaint Date: N/A

Repainted By: N/A

Comments: The aircraft is still protected by the original paint. There appears to be very good coverage with a good shine as evident to the care of waxing the aircraft regularly. However, there were areas of paint touch up and orange peel and chips on the aircraft. The underside of the aircraft also had evidence of paint peel most likely due to water landings. There were other areas where the paint is starting to crack due to stress of aerodynamic forces while in flight. Nevertheless the painted surfaces are well protected and no visible signs of surface corrosion and the aircraft has good eye appeal.

Interior Condition: Very Good

Cabin Configuration: Passenger

Cockpit Condition: Very Good

Panel Layout: Good

Pressurized Cabin: No.

Window Condition: Good

Comments: The interior is very clean with no tears, loose stitching, stains, fading or excessive wear on any of the fabric, carpets or headliner. The cabin is configured as a six seater but is more likely used as a for seat configuration. The instrument panel layout is such that all instruments can clearly be seen. All windows were found to be in excellent condition with no cracks or scratches.

Airframe Modifications

None known or reported.

Damage History

Current Damage: None Listed.

Historical Damage: None Listed.

Engines & Props

Engine Manufacturer: Lycoming

Model: IO-540-C4B5

Engine Type: Piston

Engine Fire Detection: No.

Engine Fire Bottles: No.

Prop Reversers: No.

Prop Type: Constant Speed.

Propeller TBO: 2000

Engine #1 Serial No: L-245329-48B

Time Since New: 1325 Hrs.

Engine Overhauled By: N/A

Recommended TBO: 2000

Comments: There were no signs of any leakage coming from the engine or engine cowl area.

Propeller Make: Hartzell
Blades: 3

Model: HC-E3YR-1RLF/FL/FL7663D-2Q **Number of**

TSO/NEW: 1325

Date O/H: 12/1/91

Serial Number: FM438

Engine Modifications

None known or reported.

Known Maintenance Problems with Engine(s): None reported

Estimated Cost to Repair: \$0

General Engine Comments: The engine log book was examined and all maintenance items including Airworthiness Directives, and Service Bulletins were found to be properly documented.

Instrumentation

Full Panel: Yes.

Dual Panel: Yes.

Panel Configurations: Good.

Panel Condition: Good.

IFR Equipped: Yes.

Comments: This aircraft is equipped with an Emergency Locator Beacon (ELT) with a battery due date of May 2003. There is also fire protection provided by a single mounted Halon 1211 Fire Extinguisher. Internal communication with passengers is provided by a four place intercom system.

Avionics

Type of Avionic: ADF

Mfg: BENDIX

Model: KR 87

Type of Avionic: ALTIMETERS, ENCODING

Mfg: BENDIX

Model: KEA 129

Type of Avionic: AUDIO PANEL

Mfg: GARMIN

Model: GMA 340

Type of Avionic: GPS COMM

Mfg: GARMIN

Model: GNS 530

Type of Avionic: NAV-COMM

Mfg: BENDIX

Model: KX 150 B

Type of Avionic: STRIKEFINDER

Mfg: INSIGHT

Model: STRIKEFINDER

Type of Avionic: TRANSPONDERS

Mfg: BENDIX

Model: KT 76A

The Avionics On This Aircraft Are Considered To Be: Above Average.

Additional Equipment

Dual Controls: Yes.

Type: Yoke.

Stall Warning System: Yes.

Stick Shaker: No.

Rotating Beacon: No.

Strobe Light: Yes.

Taxi Lights: Yes.

Navigation Lights: Yes.

Long Range Fuel: Yes.

Aux Fuel Qty: 14

Single Point Refuel: No.

Toilet: No.

Lavatory: No.

Galley: No.

Cabinetry: No.

Other Equipment: This aircraft is equipped with an Emergency Locator Beacon (ELT) with a battery due date of May 2003. There is also fire protection provided by a single mounted Halon 1211 Fire Extinguisher. Internal communication with passengers is provided by a four place intercom system.

Comments: This aircraft has a fuel capacity of 90 gallons of which 88 gallons are useable. The fuel is divided among 5 tanks. Two main wing tanks (L/R wing) have a capacity of 18 gallons each. There is a center tank with a capacity of 40 gallons and two underwing auxiliary tanks (L/R wing) with a capacity of 7 gallons each. The dual control system provides complete control of aircraft from both front seats with dual yoke and rudder control and central located flap and engine controls.

De-Icing Systems

Known Ice System: No.

Ice Lights: No.

Prop De-Ice: No.

De-Ice Type: None.

Wing Tail Boots: No.

Boots Condition: N/A

Windshield De-Ice: No.

Windshield Wipers: None.

Jet Intake De-Ice: No.

Pitot Heat: Yes.

Comments: Aircraft is prohibited for flight into known icing conditions.

Aircraft Appraisers Comments

This aircraft and all records were examined and appeared to be original and complete. The aircraft Registration and Airworthiness Certificates are maintained in the aircraft and in plain view. This aircraft showed very well and appears to be maintained very high standards. The aircraft is kept in a hangar when not in use and appears to be operated with regularity for recreation.

This aircraft, N46D, was personally inspected on: July 6 2001 by: Stanley Krawczyk, member of the National Aircraft Appraisers Association at: Private Field Airport, located at Rochester, Genessee County, New York.

Appraisal Computation

Average Green Aircraft Value	\$189,150
Add for Airframe Condition	\$23,830
Add for Airframe Low Total Time	\$0
Add for Annual and Mandatory Inspection	\$0
Add for Exterior Paint Value	\$3,150
Add for Interior Value	\$4,330
Add for Airframe & Engine Modifications	\$0
Add for Engine(s) Residual Value	\$9,620
Add for Propeller(s) Residual Value	\$1,010
Add for Avionics Value	\$20,350
Add for De-Ice Systems Value	\$0
Add for Additional Equipment	\$0
	=====
Total Additions	\$62,290
Deduct for Airframe Condition	\$0
Deduct for Airframe High Total Time	\$0
Deduct for Damage History	\$0
Deduct for Airframe/Engine Maintenance Items	\$0
Deduct for Exterior Paint Value	\$0
Deduct for Interior Value	\$0
Deduct for AD's Estimated Cost for AD Compliance	\$0
Deduct for Estimated Cost to Repair Avionics	\$0
	=====
Total Deductions	\$0
Based on the above, the computed retail value of N46D is	\$251,440

NATIONAL AIRCRAFT APPRAISERS ASSOCIATION
12620 Lamplighter Square
St. Louis Missouri 63128

The information herein has been prepared from many sources and is believed to be correct. The National Aircraft Appraisers Association does not warrant the accuracy of the source material.

A physical inspection and inventory was conducted by a physical examination of the external surfaces of the aircraft, the cockpit and the passenger cabin: along with an inventory and assessment of the condition of avionics, instrumentation and aircraft systems. No inspection plates were removed for internal inspection. Further, the log books and other aircraft records were carefully examined for compliance with FAA regulation relating to Airworthiness Directives, damage and maintenance history, along with other required inspections and signatures. All aircraft records were presumed to be authentic, unaltered, and signatures and inspections therein by persons designated and appropriately licensed. AD compliance was attested to by referencing the date of last Annual Inspection or other appropriate Inspection.

In the event of error or omission, the liability of the Association, or Association Members, if any, is limited and may not, in any event, exceed the amount paid for the appraisal. Further, the National Aircraft Appraisers Association accepts no responsibility for usage of this form unless signed by an officer or current Member of the Association.

Stanley Krawczyk
Certified Aircraft Appraiser

***National Aircraft
Appraisers Association
Certificate of Appraisal***

A visual inspection and log book analysis was performed July 6 2001 on the aircraft N46D at: Private Field Airport, located at: Rochester, New York. It is the opinion of this appraiser that the fair market value of the above aircraft is:

\$251,440

This appraisal is valid when accompanied by appraisal work sheet number #20010706N46D and signed by an Aircraft Appraiser Certified by the National Aircraft Appraisers Association.

SIGNED _____

**Stanley Krawczyk
CERTIFIED AIRCRAFT APPRAISER**