The Standard

AIRCRAFT LOG

ASA-SA-1

OTAL TIME IN SERVICE	C			
	E			

AVIATION CLASSICS Ltd

FAA CRS NA3R703L
Reno-Stead Airport
4825 Texas Avenue
Reno NV 89506

PH: (775) 972-5540

Date: 6/26/2009; Aircraft: N3TS; Type: LANCAIR IVP; S/N: LIV-343
Installed new connector on transponder. Transponder Operational checked normal. Static system tested to 25,000 ft. in accordance with Appendix E of Part 43, as required by FAR 91.411. Transponder failed initial test. Transponder has been tested to comply with Appendix F of Part 43, FAR 91.413. Pertinent details of work accomplished on file at this Agency.

Signed: _____ Inspector

Date:6/26/2009 Work Order #15773

for AVIATION CLASSICS Ltd. FAA CRS: NA3R703L

ACL 8 INSP RS.8

YEAR: ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations

June 27, 2009

Aircraft Total Time: 0.0 Hrs.

I certify that this Aircraft has been inspected on 6/27/09 in accordance with the scope and detail of appendix D to part 43 and was found to be in a condition for safe operation.

YEAR: ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair

Date: June 27, 2009

I FIND THAT THIS AIRCRAFT MEETS THE REQUIREMENTS FOR THE CERTIFICATE REQUESTED AND HAVE ISSUED A SPECIAL AIRWORTHINESS CERTIFICATE DATED June 27, 2009

THE NEXT CONDITIONAL INSPECTION IS DUE ON June 2010.

Adam Valdez
Designated Airworthiness Representative
Number: DART100276WP

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entr Fac air

Date:

Hobbs:

Aircraft Total Time:

I certify that the prescribed flight test hours have been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous operating characteristics or design features, and is safe for operation. The following aircraft operating data has been demonstrated during the flight testing:
speeds Vso 68 Kts **, Vx** 125 Kts **, and Vy** 145 Kts
and the weight 2298 **and CG location** _____
at which they were obtained.

Signature: _____

Certificate Type: _____

Certificate Number: 550442253

YEAR:	RECORDING TACH TI	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations and Certificate Number of Technician or Repair ies.)
DATE				

Date:

Hobbs:

Aircraft Total Time:

I certify that the following aerobatic maneuvers have been test flown and that the aircraft is controllable throughout the maneuvers' normal range of speeds, and is safe for operation. The flight-tested aerobatic maneuvers are:

1. Roll	6.
2. Wing Over	7.
3.	8.
4.	9.
5.	10.

Signature:

Certificate Type:

Certificate Number: 530442253

YEAR: 2010 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/2/10				Installed upholstery, painted
				& re-weighed aircraft.
				Empty weight 2378 lbs.
				Empty CG-
				CG- Range

YEAR: / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 11/3/2010 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF PART 43 AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION

Thomas L Zedaker
2235822 IA

'EAR: / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 12/3/2011 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF PART 43 AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION

Thomas L Zedaker 2235822 IA

YEAR: ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 01/26/2013 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF PART 43 AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION

Thomas L Zedaker IA 2235822

YEAR: ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 9/12/2014 **IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF** PART 43 AND FOUND TO BE IN A CONDITION FOR **SAFE OPERATION**

Thomas L Zedalw 2235822 1A

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

AVIATION CLASSICS Ltd

FAA CRS NA3R703L
Reno-Stead Airport
4825 Texas Avenue
Reno NV 89506

PH: (775) 972-5540

Date: 9/25/2014; Aircraft: N3TS
Removed existing hydraulic system accumulator and installed a new hydraulic accumulator p/n:ACC-30, s/n:1050596. Serviced accumulator with nitrogen to 600 psi. Pertinent details of work accomplished on file at this Agency.

Signed: _____ Inspector: _____

A&P 9 INSP

Work Order #18900
for AVIATION CLASSICS Ltd. FAA CRS: NA3R703L DD/9

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 9/16/15 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF PART 43 AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION Thomas L Zedaker 2235822 1A

Notes

AVIATION CLASSICS Ltd

FAA CRS NA3R703L
Reno-Stead Airport
4825 Texas Avenue
Reno NV 89506

PH: (775) 972-5540

Date: 7/09/2015; Aircraft: N3TS; Type: LANCAIR IVP; S/N: LIV-343
Removed and reinstalled Advanced Flight Systems EFIS system after softwar updated to Vx.12.02.02 in accordance with Advanced Flight Systems AF-5000 Series Version 12 Software instructions. Pertinent details of work accomplished on file at Aviation Classics Ltd on Shop Order #19349.

Signed: _____ A&P No.3663557

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Station. (See last page for other specific entries.)
DATE				

AVIATION CLASSICS Ltd

FAA CRS NA3R703L
Reno-Stead Airport
4825 Texas Avenue
Reno NV 89506

PH: (775) 972-5540

Date: 11/25/2015; Aircraft: N3TS; Type: LANCAIR IVP; S/N: LIV-343
Removed Advanced PFD screen from pilot side, updated software to most current version and reinstalled. Removed existing dimmer control and interfaced wiring to new dimmer unit p/n:11-02047. Installed LED flex lighting p/n:11-08409 under glare shield. Pertinent details of work accomplished on file at Aviation Classics Ltd on Shop Order #19507
Signed: A&P 3663557

AVIATION CLASSICS Ltd

FAA CRS NA3R703L
Reno-Stead Airport
4825 Texas Avenue
Reno NV 89506

PH: (775) 972-5540

Date: 3/23/2016; Aircraft: N3TS; Type: LANCAIR IVP; S/N: LIV-343
Removed and replaced aircraft backup battery p/n:SS-WAK12-8F. Pertinent details of work accomplished on file at Aviation Classics Ltd on Shop Order #19769.

Signed:
A & P No. 3663557

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 9/30/2016 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF PART 43 AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION
				Thomas L Zedaker 2235822 IA

YEAR: / DATE	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange Item Manufacturer's Name Model Serial Number	
		AVIATION CLASSICS Ltd FAA CRS NA3R703L Reno-Stead Airport 4825 Texas Avenue Reno NV 89506 PH: (775) 972-5540	☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
		Date: 8/02/2016; Aircraft: N3458Y; Type: CESSNA; S/N: 18051958 Removed Garmin GTX 330 p/n:011-00455-00, s/n:84143772. Reinstalled upgraded Garmin GTX 330 p/n:010-00230-62, s/n:84143772. Transponder has been tested to comply with paragraph C, Appendix E of Part 43, I/A/W FAR 91.413. Pertinent details of work accomplished on file at this Agency. Signed: _____ Inspector: _____ Work Order #19997 for AVIATION CLASSICS Ltd. FAA CRS: NA3R703L DD/9 AUG 9 INSP	☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN
				INSPECTED ON 10/1/2017 IN ACCORDANCE
				WITH THE SCOPE AND DETAIL OF APPENDIX D OF
				PART 43 AND FOUND TO BE IN A CONDITION FOR
				SAFE OPERATION
				Thomas L Zedalis 2235822 IA

YEAR:

DATE

TOTAL TIME ...

Equipment Addition, Removal or Exchange

AVIATION CLASSICS Ltd

FAA CRS NA3R703L
Reno-Stead Airport
4825 Texas Avenue
Reno NV 89506

PH: (775) 972-5540

Date: 1/30/2018; Aircraft: N3TS; Type: LANCAIR IVP; S/N: LIV-343
Removed top cowl. Removed existing Concorde RG24-15 battery and installed new Concorde RG24-15 battery, s/n:40915693. Reinstalled top cowl. Pertinent details of work accomplished on file at Aviation Classics Ltd on Shop Order #20880.

Signed: A&P 3663557

Addition of Optional Equipment
Removal of Optional Equipment
Addition of Required–Exchanged for Optional
Removal of Required–Exchanged for Optional

Addition of Optional Equipment
Removal of Optional Equipment
Addition of Required–Exchanged for Optional
Removal of Required–Exchanged for Optional

Addition of Optional Equipment
☐ Removal of Optional Equipment
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RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 10/6/2018 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF PART 43 AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION
			Thomas L Zeller 2235822 IA

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN
				INSPECTED ON 10/2/19 IN ACCORDANCE
				WITH THE SCOPE AND DETAIL OF APPENDIX D OF
				PART 43 AND FOUND TO BE IN A CONDITION FOR
				SAFE OPERATION
				Thomas L Zedeker IA 2235822

YEAR:

DATE

N700TD 191.2

; and Alterations

ertificate Number of Technician or Repair

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 5-3-2021 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF PART 43 AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION

Thomas L Zedaker

2235822 IA

Diemech Turbines, Inc.

Engine Log

Diemech Turbine Serial Number: 882031	Date of Manufacture: 1988 Date of 1st Rebuild 2/15/05 Date of 2nd Rebuild..... Date of 3rd Rebuild .....

Engine Accessories Serial Numbers:

Name	Part Number	Serial Number
Propeller Tach Gen Np/N2	LUN 1333.12-8	8711236
Compressor Tach Gen Ng/N1	LUN 1333.12-8	8212527
Propeller Governor	LUN 7815.02-8	882007
Fuel Control Unit	LUN 6590-03-8	882004
Fuel Pump	LUN 6290.03-8	881019
starter generator	LUN 2132.02-8	5385480

Engine Times Summary:

Name	Time Since New	Life Limit	Remaining
Engine Assembly	1496.7	6000	4503.3
Fuel Pump	1496.7	6000	4503.3
Fuel Control Unit	1496.7	4500	3003.3
Propeller Governor	1496.7	4500	3003.3
Starter Generator	1496.7	6000	4503.3

DIEMECH EXPERIMENTAL TURBINES

Maintenance Program:

This engine is maintained in accordance with the Diemech Turbines, Inc. 300 hour maintenance program. **No substitutions are allowed unless they are approved by the appropriate aviation authority and Diemech Turbines, Inc.** Copies of the Diemech Turbines 300 hour maintenance program can be obtained from Diemech Turbines, Inc.

Notes

These are the recommended turbine oils that can be used:

1. AeroShell Turbine Oil 500
2. AeroShell Turbine Oil 555
3. AeroShell Turbine Oil 560
4. Mobil Jet Oil 11
5. BP Turbo Oil 2380
6. Castrol 599

The most common oil found at FBO's is the BP Turbo Oil 2380.
No mixing of oil is permitted.

FCU to be serviced every 6 months.

YEAR / DATE	TACH TIME	CYCLES	TT SINCE NEW	TT SINCE REBUILD	Description of Inspections, Tests, Repairs and Alterations. Entries must be endorsed with Name of Technician or Repair Facility.

IRAN on Diemech M601D Turbine serial #: 882031.

Dismantle, inspect and clean. Replace 1 blade on 1st stage shaft compressor. Repair 12 blades on 1st stage shaft compressor. Repair 3 blades on 2nd stage shaft compressor. Repair 2 blades on power turbine wheel. Repair 4 blades on 1st stage stator compressor. Nickel and ceramic coat inner combustion chamber. Repair outer combustion chamber stator and manifold locks. Repair fuel manifold and machine. Check rivets on outer combustion chamber. Nickel and ceramic coat stator. Repair vanes on vane diffuser assembly. Repair 2 diffuser blades. Replace compressor turbine bearings. Replace compressor thrust bearing. Replace 2nd stage lock ring. Replace 8 bolts on power turbine wheel. Replace 1 bolt on compressor turbine wheel. Assemble turbine shaft complete and balance. Compressor side 0.54 brought to 0.07 grams. Turbine side brought from 0.66 to 0.06 grams. Inspect power turbine and found satisfactory. Replace deflector plate. Replace one thermocouple. Remove and sonic clean all screen filters. Replace oil filter. Dismantle, clean, inspect pressure and bypass valve. Assemble turbine complete. Dismantle, clean, inspect and fit blow off valve. Inspect starter generator and replace brushes. Test run 02-15-2005 on test stand for 2.1 hours.

128 PSI = 100% Torque

DIEMECH EXPERIMENTAL MOTORES

YEAR 2005 DATE	TACH TIME	CYCLES	TT SINCE NEW	TT SINCE REBUILD	Description of Inspections, Tests, Repairs and Alterations. Entries must be endorsed with Name of Technician or Repair Facility.
02/15		1176	1496-7		Totals from old logbook
		1179	1498.8	2.1	Run on Test Stand

Turbine serial #: 882031 Hours 167.8 09-25-2015

Preform 300 hour condition inspection. Remove front gearbox. Adjust power turbine nozzle. Replace one power turbine nut and washer. Balance and reinstall front gearbox. Replace 4 starter generator brushes. Replace starter generator seal. Replace propeller governor SN# 15G569C. Replace oil filter. Supply 13 quarts of BP2350 turbine oil. Replace fuel filter. Bleed FCU. Preform spectrum analysis. I certify that this turbine is in good condition for normal operation.

Q. Cokinogenis A&P #: 2682754 .....