The Standard

AIRCRAFT LOG

ASA-SA-2

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)
7/17/04				I FIND THAT THIS AIRCRAFT
				MEETS THE REQUIREMENTS
				FOR THE CERTIFICATE REQUESTED
				AND HAVE ISSUED A
				SPECIAL AIRWORTHINESS CERTIFICATE
				FOR THE PURPOSE OF
				AMATEUR BUILT
				JOHN L FLICK
				DAR F60147ONM

YEAR: 2004 DATE	RECORDING TACH TIME	TODAYS 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.)
7/24	0	.1	.1	Initial flt w/ Don Doetz - fuel leak
7/25	.1	.3	.4	Don Doetz w/ heat concerns
7/25	.4	.3	.7	Don Doetz chking progress on overheat
7/31	.7	.7	1.4	Don K + Don Doetz - familiarization
7/31	1.4	1.0	2.4	Don K + Don Doetz "
8/8	2.4	.6	3.0	Joe R. and D.K. trouble shooting
8/15	3.0	1.25	4.25	Joe R + DK chking oil temps
8/22	4.25	.8	5.0	Slow flight - stalls checking systems
8/31	5.0	.72	5.72	DON's 1st Solo
9/4		1.		(4 Joe)
9/5		1.75		Climb to 17,500 - take measurements incrementally (Joe)
9/11	.	.5	8.9	
9/13	.	0.8	9.8	Don + Frank - v'ing temp and mixture - oil better
9/15	10.3	.5	10.3	Temp measurement - invs. diff flap setting
9/18		1.3	11.6	Temp monitor, eng monitor, leaning, AP adjust D+J
9/20		1.3	12.9	Procedures, Temps, and mixture regulation D+F

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)
9/25		1.0	12.5	7500 - Power settings & Avionics
9/26		1.2	13.7	Joe+Don Borrego Sp. - Ocotillo 9500 - 224°
12/24/4		4.0	40.1	all testing is complete and Phase I ends.

Advantage Avionics 7000 Merrill Ave. Box 20 Hangar A-490 Chino, CA 91710 VZKR081Y
LOG ID# 209 22-November-2004 WO# 30
N42DK S/N L2K-188 LANCAIR Legacy

Pg 1 / 1

I CERTIFY THAT ENCODER, ALTIMETER, AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO MEET THE STANDARDS OF FAR PART 43 APPENDIX E. THE ALTIMETER HAS BEEN TESTED TO 20,000 FEET.
PERFORMED ATC TRANSPONDER TEST AND INSPECTION. UNIT FOUND TO COMPLY WITH FAR 91.413 AND APPENDIX F OF FAR 43.

Performed on Model: SL 70R Serial#: 6069451 .

Mark Krueger 11-22-04
Date

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)
12/24/4	40.1			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 found safe for operation. The following aircraft operating data has been demonstrated during the flight testing: speeds V_{SO} = 62 K, V_X 85, V_Y 135 and the weight 1645 and the CG location 13% mac at which they were obtained.
				Donald Karich, Builder

rations
ber of
entries.)

YEAR: 2007 DATE	RECORDING TACH TIME	TODAYS 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.)
7/20/7	163.–		163 –	I certify that this a/c has been inspected within the scope & detail of FAR 43 Appd "D" and found to be in airworthy condition. Donald Kurah – ~~[illegible]~~ repairman cert # 3061196
6/13/9				I certify that this a/c has been inspected w/in the scope & detail of FAR 43 append "D" & found to be in airworthy condition Repairman cert # 3061190
	T			
7/1/10				I certify that this a/c has been inspected w/in scope of Far 43 apend D & found to be in airworthy condition

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)

Advantage Avionics 7000 Merrill Ave. Box 20 Hangar A-240 Chino, CA 91710 VZKR081Y
LOG ID# 1144 04-February-2009 WO# 3888 AC TT 233.6
N42DK S/N L2K-188 LANCAIR Legacy TACH 233.6 **Pg 1 / 1**

Complied with Garmin Service Bulletin #0850 Rev A. Updated unit software, replaced antenna, and replaced AFMS.

The Aircraft or component, identified above was repaired/replaced and inspected in accordance with current Federal Aviation Agency Regulations and was found airworthy for return to service.

Mark Krueger

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)
8/1/2011				I certify that this aircraft has
				been inspected w/in the scope
				of FAR 43 Appendix 'D' and
				found to be in airworthy cond.
				replaced left tire and inspected
			440.6	brakes, cleaned plugs and injectors

Advantage Avionics 7000 Merrill Ave. Box 20 Hangar A-240 Chino, CA 91710 VZKR081Y
LOG ID# 1546 02-September-2011 WO# 5291
N42DK S/N L2K-188 LANCAIR Legacy
Pg 1 / 1

Removed DFC250 A/P and installed new Sorcerer.

Mark Krueger

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)
				Inland Valley Aviation, Inc 7000 Merrill Ave, Chino, CA 91710 06/06/2012 Hobbs 470.25 Tach 340.59 N42DK C/W SB074-0111 Over Center Link replacement. Installed 1 ea. 4720-1010 RH link, 4718-1010 LH link, 4719-1010 nose link, 800-0046 end assy, 800-0047 end assy, 3 ea HC-11 seal kit. Resealed all 3 actuators, completed gear swing, serviced power pack. Ops test ok. Dennis Trevino AP545270779

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)
7/22/12			476.70	I certify that this aircraft has been inspected w/in the scope of FAR43 Appendix "D" and found it to be in a condition for safe operation. Donald Karich #3061190 7/25/5
12/1/2013			536.96	I certify that this aircraft has been inspected w/in the scope of FAR43 appendix D and found to be in a condition for safe operation Donald Karich 3061190 7/25/5
				lubed prop and airframe, retimed mags, cleaned plugs and inspect

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)
				11-19-13 TACH 3875
				SERVICED OIL 10 qts A/S 100 w plus
				CH48108-1 Filter. LEAK CHECK OK.
				COLO
				#1 72/8 #2 72/80 #3 78/80 #4 72/80 #5 76/80
				#6 74/80

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)
				Advantage Avionics 7000 Merrill Ave. Box 20 Hangar A-240 Chino, CA 91710 VZKR081Y LOG ID# 2014 04-August-2014 WO# 6619 N42DK S/N L2K-188 LANCAIR Legacy Pg 1 / 1
				PERFORMED ATC TRANSPONDER TEST AND INSPECTION. UNIT FOUND TO COMPLY WITH FAR 91.413 AND APPENDIX F OF FAR 43. Performed on Model: SL 70R Serial#: 6069451 . Stephen Flores Stephen Flores
3/1/15				I certify that this aircraft has been inspected within the scope of FAR 43 Appendix D and found to be in a condition for safe operation Donald Kapich
3/6/15				Changed of oil & filter TT. 408 HT replaced right tire, removed plugs lubed.

YEAR: DATE	RECORDING TACH TIME	TODAYS 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.)
				Inland Valley Aviation 7000 Merrill Ave. Chino, CA. 91710 04/23/2015 Tach Bled LH brake. Dennis F. Trevino Dennis Trevino IA3645752

YEAR: DATE	RECORDING TACH TIME	TODAYS 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.)
4/1/16				I certify that this aircraft has been inspected within the scope of FAR 43 Appendix D and found to be in a condition for safe operation Donald Kasek
12-8-2016	449.0			Reseated both LH & RH Pilots side Brake Master Cyl. Replaced both Upper & Lower Brake Hose on LH gear leg and Lower on RH gear leg. Bled System. Ops check. Nilok. Master Cyl Kit ~~number~~ number 199-156. BC A&P 2698224
7/15/2017	462.26			I certify that this aircraft has been inspected within the scope of FAR 43 Appendix D and found to be in a condition for safe flight Donald Kasek

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)

Advantage Avionics 7000 Merrill Ave. Box 20 Hangar A-240 Chino, CA 91710 VZKR081Y
LOG ID# 2500 17-January-2017 WO# 7687 AC TT 643.4 HOBBS 643.4
N42DK S/N L2K-188 LANCAIR Legacy **Pg 1 / 1**

Replaced Com Antenna.
I CERTIFY THAT ENCODER, ALTIMETER, AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO MEET THE STANDARDS OF FAR PART 43 APPENDIX E. THE ALTIMETER HAS BEEN TESTED TO 20,000 FEET.

PERFORMED ATC TRANSPONDER TEST AND INSPECTION. UNIT FOUND TO COMPLY WITH FAR 91.413 AND APPENDIX F OF FAR 43.

Performed on Model: SL 70R Serial#: 6069451.

VZKR081Y Mark Krueger

DATE 3/21/2017 N# N42DK Tach 455.32
MODEL Lance Air Legacy A/C S/N L2K-188
DESCRIPTION OF WORK
Replaced the seals in both LH and RH brake caliper. Replace the brake pads Both sides.
Bleed and flush the brake system. Test brakes. All OK
SIGNED Benjamin M Kellogg CERT # AP IA 2698724

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)
2/3/2018	479.11	6	688.87	Changed nose wheel tire and packed bearings. Replaced Nose gear auspa hi-pressure strut
4/19/18	481.65			Replaced right main tire
6/15/2018	485.6		695.36	Performed inspection in accordance with FAR 43 Sect D and found to be in condition for safe operation Donald Karich, Repairman

Date 8/03/2019 #N42DK Tach 511.11 TT 742.44
Model Lancair Legacy
Performed inspection in accordance with FAR 43 Section D and found to be in condition for safe operation.
Repairman Certificate #3081190 Donald Karich, Repairman

YEAR: DATE	RECORDING TACH TIME	TODAYS 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.)
10/10/2019	512.6			Replaced left main tire greased wheel barings
2/22/2020	750.5		573.5	Replaced R+L main tires New tube ~~and~~ on right main New Rotor on left main

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)

Log Book Entry

LEADING EDGE AVIONICS

CRS# 137R236D
19300 IKE JONES RD.
SANTA ANA, California 92707
United States

Telephone: 714-955-6151 Fax:

Registration #: N42DK
Total AC Time: 754.9
Manufacturer: Lancair
Part/Model number: LEGACY
Aircraft Serial Number: L2K188
Work Order No: 4500

Squawk

2.1 REPLACED BROKEN SPEED BRAKE SWITCH WITH NEW C&K SWITCH P/N: T101MHZQE. OP CHECKED ALL YOKE SWITCHES AFTER REASSEMBLY NFF.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number 4500.

All work was performed in accordance with manufacturer's specifications and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed: RON FREEMAN

Date: 3/23/2020

Ben's Motorworks

4119 W. Commonwealth Ave Hanger D28 Fullerton Ca 92833 714-396-6090

DATE 8/21/2020 N# N420K Hobbs 763.34

MODEL Lanceair Legacy A/C S/N L2K-188 TACH 521.7

ANNUAL DUE Aug-21

I certify that this Airframe has been inspected in accordance with a ANNUAL inspection as per Title 14 C.F.R PART 43 APPENDIX (D) in scope and detail and has been found to be in airworthy condition at this time for return to service

DESCRIPTION OF WORK

Removed all inspection panels, Seats and interior. Inspected and lubricated the aircraft IAW the maintenance manual. Repacked the wheel bearings. Replaced all the landing gear hydraulic lines with new. Resealed all 3 gear actuators both main gear door actuators. Replaced both axle spacers and the LH axle. Checked the alignment against the factory specs. The aircraft is within specs. Replaced rh aft nav bulb and gasket. Replaced the oil line under the engine and installed a T in it for an oil drain. Resealed the RH brake caliper. Jacked the aircraft and swung the gear several times. No faults observed at that time. CW AD 2017-16-01 IAW PAR (g) no defects found at this time. Due again in 100hrs or 12 months

Inspected ELT IAW FAR 91.207D Par a,b,c,d ops check OK. Installed new batteries. New due date is March 2028

SIGNED Benjamin M Kellogg CERT # AP IA 2698724

Ben's Motorworks

4119 W. Commonwealth Ave Hanger D28 Fullerton Ca 92833 714-396-6090

DATE 8/21/2020 N# N420K Prop SMOH

MODEL Aero Composite Prop S/N A42577 TACH 521.7

ANNUAL DUE Aug-21

I certify that this Propeller has been inspected in accordance with a ANNUAL inspection as per Title 14 C.F.R PART 43 APPENDIX (D) in scope and detail and has been found to be in airworthy condition at this time for return to service

DESCRIPTION OF WORK

Inspected propeller. Installed a new spacer inside of the spinner.

SIGNED Benjamin M Kellogg CERT # AP, IA 2698724

Bert's Motorworks

[illegible] Commonwealth Ave Hanger D28 Fullerton Ca 92833 714-396-6090

DATE 12/8/2021 N# N420K

MODEL Lanceair Legacy A/C S/N L2K-188 TACH 536

DESCRIPTION OF WORK

Aligned the wheels with toe and camber shims. Replaced the both rotors with RA164-08500 and pads RA66-105

Lubricated the aircraft. Swung the gear and checked for obstructions. Removed the LH LH brake master cylinder and re sealed.

Bled and flushed the brakes. Charged the batteries.

SIGNED Benjamin M Kellogg CERT # AP IA 2698724

Date 9/10/21 N# N42DK Tach 535.7

Model Lancair Legacy

Performed Inspection in accordance with FAR 43

Section D and found to be in condition for safe operation.

Repairman Certificate #3081190

Donald Karch

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)
5/5/2023	550		550	Date 5-5-2023 N42DK 550
	Hobbs = 807			Model Lancair Legacy
				Performed Inspection in accordance
				with FAR 43 Section D and found
				to be in condition for safe operation
				Repairman certificate #308 1190
				Donald Cosset

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)

LEADING EDGE AVIONICS

19300 IKE JONES RD.
SANTA ANA, California 92707
United States
Telephone: 714-955-6151

Log Book Entry

Work Order No: 7700

September 06, 2023

Registration #: N42DK **Manufacturer:** Lancair **Model:** LEGACY **Serial Number:** L2K188 **AcftTime:** 809.2 **Cycles:** N/A

2.1 REMOVED SL-30 VHF NAV/COMM P/N: 430-6040-303 S/N: 6058110 AND INSTALLED P/N: 430-6040-303 S/N: 25904483 AND PERFORMED OPS CHECK IAW MODEL SL30 NAV/COMM INSTALLATION MANUAL 560-0404-03D JULY 2012.

The items identified above were installed, repaired and/or inspected in accordance with current Federal Aviation Regulations, manufacturer's specifications and approved for return to service with respect to the work performed. Pertinent details are on file at the repair station under Work Order Number 7700.

9-6-2023

Signed: TIM JONES
CRS# 137R236D

Date: 9/6/2023

10/11/2023			Replaced #1 right & #2 left battery Odyssey ODS-AGM 16I (PC680)

YEAR: 2024 DATE	RECORDING TACH TIME	TODAYS 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.)
12/22/23				Ben's Motorworks 4119 W. Commonwealth Ave Hanger D28 Fullerton Ca 92833 714-396-6090 DATE 12/22/2023 N# N420K MODEL Lanceair Legacy A/C S/N L2K-188 TACH 553.79 DESCRIPTION OF WORK Reseal the nose gear with Kit from Lancair PN GM14-SK. Serviced with 5606 and set hight to 4 inches per the owners request SIGNED Benjamin M Kellogg CERT # AP IA 2698724