

~ VARIEZE N80681 ~

this is 3rd Pilot/Aircraft Log book.

Start "0" engine time w/ NEW
ENGINE, based on Cont. 0-200
assembled by Klaus Savier, USHT
SPEED ENGINEERING, Santa Paula
Airport, CA. This engine was
built under my FAA REPAIRMAN
BUILDER UC. No. [REDACTED] ALL NEW
PARTS, CASE/CRAWL CERTIFIED.

11.2.72

03/18/03

FIRST N80681 FLIGHT 03/20/80
1980 - 2003 Total Time = 2251.7 hrs.
(CERTIFIED)

Builder: Joe Moore [REDACTED]

Grass Valley CA 95945

2251.7 TT N 80681 (ser. 1424)

Sept. 2002: N80681 GROUNDED...
old engine removed (crack-case)
and scrapped. TT 2251.7 hrs.

New Engine from LSE was
received in March 2003.

From: Oct. 2002 to Feb. 2003 the
Airframe was disassembled... wings
OFF (wing fittings inspected) CANARD
OFF (attach points inspected) The
main/nose landing gear attach points
& mounts, bearings, etc inspected.
All flight controls, canopy, cables, etc
inspected. Found NO corrosion.
NO repairs required. Airworthy.
Reassembled.

Feb 2003: New tires/brakes...
Main Gear toe-in adjusted

May 2003: NEW ENG. installed.
 ALL NEW BAFFLING/NEW B&C
 ALTERNATOR/ NEW ELECTRONIC IGN.
 HARNESS (incl. G.P. WIRES & 4 NEW COILS)
 COMPUTERS BENCH-CHECKED @ LSE/
 INSTALLED NEW COCKPIT TIMING METER/
 NEW AIR FILTER/NEW OIL & OIL FILTER/
 AIRWORTHY, READY TO GROUND RUN...
 NEW CARBURATOR (STOCK 0-200 JET)

MAY 13, 2003: ENG. GROUND RUNS
 CYL BREAK-IN/PET-KLEUS INSTRUCTIONS.
 MAY 14: KLEUS FLEW UP TO G.V.
 2nd set eng-timing (moved 4th 2)
 AIRWORTHY for 1st FLIGHT.

May 31: NORCAL Mode-C check VFR
 (Good to IFR! ☺)

MAY '03 begin TT = 2251.7 hrs.

DAY	X-COUNTRY (REMARKS)	LAND	Pilot A/c hrs.
14	1 st test hop (Klaus)	1	1.1
17	2 nd test hop	2	1.2
18	3 rd Columbia (sid)	3	1.4
21	local } speed	1	0.6
22	local } check etc.	1	0.8
NOTE Engine runs perfect... ...Are no ISSUES ☺			
25	3 rd WLW (sid) and AbnT22	2	1.2
31	Lincoln/Aub/ Lincoln talked to NORCAL... got a good Mode-C check. - 25 ft encoder with re-certified A/C.	2	1.2

Page	12	7.5
Brought Fwd.	0	0
Total	12	7.5

3/23/2003

3381

Joseph Moore

Grass Valley, CA 95945

Joseph Moore

Grass Valley, CA 95945

Verbal	Due	KS	3/23/2003	Other
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5.1			Forged Pistons w/ Pins & Rings	
LABOR			Hone 4 cylinders to +.010"	
LABOR			Crankshaft balance with gear and extension	
S/P			Insured Shipping Charges for above	
S/P			Crankcase to Continental Insured Shipping & crating charges core return.	
S/P			Insured Shipping Charges: Pistons to Grass Valley	
M/P- Sales			Gasket set	
M/P- Sales			Crankshaft seal	
M/P- Sales			Bearing	
2 M/P- Sales			Thru Bolts	
LABOR			Thru bolt modification	
1 M/P- Sales			Push rod (+ .030")	
2 M/P- Sales			Connecting rod bushings	
LABOR			Crankcase modification for ignition sensors.	
4 LABOR			Crankcase modification: oil system	
48 LABOR			Complete engine disassembly: cleaning, inspection, and re-assembly. Valve & seat grinding 3 angle cut. Piston ring fit. Thru bolt modification in the crankcase.	
2 LABOR			Ignition system repair	

3/23/2003

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Verbal

Due

KS

3/23/2003

Other

CA Sales Tax 7.25%

PAID IN FULL



Field Reps

Engine Condition Report

Type of Call:
Telephone

All recommended adjustments are subject to TCM final approval after review of TCM analytical inspection finding.

Part Number:	649413	Description:	Crankcase
Date:	08/27/2002	Serial Number:	unknown
Date of Occurrence (mm/dd/yyyy):	08/01/2002	Model Number:	0-200
Claim Number:	NULL	Actual Total Hours:	91
Aircraft Make/Model:	Vari	Reg:	N S/N: unknown
Engine In-Service Date (mm/dd/yyyy):	07/12/2002	New:	N Rebuilt:
Component In-Service Date (mm/dd/yyyy):	07/12/2002		
Dealer or FBO:	Light Speed Engineering	Phone:	
Address:		Fax:	
Owners Name:	Joseph Moore	Phone:	
Address:			Grass Valley, CA 95945
Distributor:	Aero		
Engine Component:	CRANKCASE		
Engine Component 2:	CASTING		
Engine Component 3:	CRACKED ,		

Description of Engine Condition:

Joe Moore purchased new crankcase from Aero Aviation for his experimental Vari Ez and has been troubleshooting an oil leak since engine went into service. Engine was assembled by Light Speed Engineering.

Recommended Adjustment:

Supply with new crankcase. Parts only no labor and no freight. Return cracked crankcase to TCM for analytical inspection. Warranty is subject to outcome of analytical inspection.

LOG BOOK MUST ACCOMPANY RETURNED ENGINE!

By:

NULL Verify
Bill Ross

Attach File/Image:

Type of Adjustment:

Service Spare

Print AV-18

Back To AV18 Form

8/27/02

A.E.R.O. Inc.

GRANITE CITY, IL 62040

INVOICE

INVOICE#: G17752

Date: 12/06/02

#Items: 1

Page: 1

ORIGINAL

SOLD TO:

MOORE JOSEPH

GRASS VALLEY, CA 95945
USA
JOE

SHIP TO:

MOORE JOSEPH
LIGHT SPEED ENG

SANTA PAULA, CA 93061
USA

Phone:

Fax:

ORDER DATE: 11/08/02
SHIP DATE: 12/06/02
SALES ORD: G16347
CUSTOMER#: M8
SHIP VIA: UPS GROUND

TERMS: CREDIT CARD
CUST PO#: VBL
AWB:
FOB:
BUYER: JOSEPH MOORE

WEIGHT:
#BOXES:
SHIPMENT: 2
SOLD BY:

Item	Part Number/Desc	Shipped	Back Ord	CD	Unit Price	Total Amt
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1	653012 CRANKSHAFT (THIS ITEM IS A CREDIT)	1	0	NE		
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Note: PRO RATED WARRANTY CREDIT FROM TELEDYNE

* * * ORDER COMPLETE * * *

ITEM TOTAL

TAX TOTAL

Sub TOTAL

MISC

FREIGHT

TOTAL DUE

A.E.R.O. Inc.

GRANITE CITY, IL 62040

INVOICE

INVOICE#: G17137

Date: 11/08/02

#Items: 1

Page: 1

ORIGINAL

SOLD TO:

MOORE JOSEPH

GRASS VALLEY, CA 95945
USA
JOE

SHIP TO:

MOORE JOSEPH
LIGHT SPEED ENG

SANTA PAULA, CA 93061
USA

Phone:

Fax:

ORDER DATE: 11/08/02

SHIP DATE: 11/08/02

SALES ORD: G16347

CUSTOMER#: M8

SHIP VIA: UPS GROUND

TERMS: WARRANTY

CUST PO#: VBL

AWB:

FOB:

BUYER: JOSEPH MOORE

WEIGHT:

#BOXES: 1

SHIPMENT: 1

SOLD BY: JIM

Item	Part Number/Desc	Shipped	Back Ord	CD	Unit Price	Total Amt
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1	653012 CRANKSHAFT	1	0	NE		
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* * * ORDER COMPLETE * * *

SPECIAL INSTRUCTIONS:

A.E.R.O. Inc. hereby certifies that the conformity to approved design or airworthiness data, as provided by A.E.R.O. Inc's supplier for the articles on file at A.E.R.O. Inc. and will be made available on request. to the manufacture and approval of the articles PMA, ISO, etc) is on file and

ITEM TOTAL

TAX TOTAL

Sub TOTAL

MISC

FREIGHT

TOTAL DUE

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*** Cores Inc
core credit.

0. Inc.

YEAR: 108	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.)
DATE				
9/21/08			173.1 TSMOH	I CERTIFY TIMES BROUGHT FWD FROM ORIGINAL LOG BOOK #3 OF JDR MOORE ORIGINAL BUILDER TO BE 173.1 ON NEW ZERO TIMED ENGINE. [REDACTED] 9/21/08 SINCE MASTER OVERTHROW I.A. [REDACTED]
9/21/08			196.5 TSMOH	23.4 HAS SINCE LAST CONDITION INSPECTION OF 12 MAY '05 [REDACTED] I.A. [REDACTED] 9/21/08
9/21/08			196.5 TSMOH	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH SCOPE & DETAIL OF APPENDIX D OF FAR PART 43, CONDITION INSPECTION COMPLETED, ENGINE FOUND TO BE IN AN AIRWORTHY CONDITION FOR FLIGHT. F. FUGOGLIUS [REDACTED] 9/21/08 I.A. [REDACTED]

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 Facility. (See back pages for other specific entries.)
9/30/15			324.3	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE & DETAIL OF APPENDIX D PART 13 FAR CONDITION INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION. E. F. CULDERICH [REDACTED] 9/30/15
9/30/15			324.3	INSTALLED (1) SCME FIGHTER AIR-OIL SEPARATOR PER INSTRUCTION INSTRUCTIONS E. F. CULDERICH [REDACTED] A&P 9/30/15

[illegible]