

The subject aircraft was involved in an incident /
accident on 5/21/2026 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 8180390237US.

Signed: *Underwriters Salvage Company*

Date: 6/29/2026

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100



**AMATEUR-BUILT
AIRCRAFT LOG BOOK**

Total Time 1167.0 = Hobbs Time 150.4

Date	From	To	Hours	Min.	Pilot
5-17-25	INSTALLED LYCOMING IO-360-A1D S/N L-22660-51A ON NS12. REQUESTED FAA TEST AREA FOR FLIGHT OPERATIONS. RAN Eng up & FOUND NO LEAKS. AIP 2649804				
5/17/25	INSTALLED AVIONICS				
T.T. 150.40	GS S/N 450069734 / Top GS S/N 450076579 Tail Beacon X S/N UAV-1003647-002 AV30E P/N UAV-100-4335-002 S/N UAV-3102177 GAMA 245 Audio PANNEL, GAMA 175 GPS, GFC 507 AIP GAD 13, GAD 29C, GMU11, UAVIONICS MAG, FAST STACK PRO Itab & wiring, TERRA Tri-NAV, TERRA 60 COM, TERRA NAV, GSA 28 SERVO MOD 01 weight BALANCE & weighed whole A/C. Larry Birdwell AIP 2649804				
T.T. 150.4					
5-29-25	INSTALLED RSA-SADI AFTER overhaul. Larry D. Birdwell AIP 2649804				
	Total Forward				
	Total to Date				

REMARKS

[Handwritten initials]

PDG Services, 670 Ferris Rd. Ste. 104. Lancaster, TX, 75146

ACFT REG: NS12 LOGAS TIME: 150.4

The transponder system has been tested and found to comply with the requirements of FAR 91.413. Pertinent details of the certification are on file at this repair station under the work order # 25-0624, dated 6-20-25.

Transponder: 1003647-002 S/N: _____

[Handwritten Signature]

Paul Gardner
CRS G49R038Y

(Authorized Signature)
214-886-5894

6-20-25
(Date)

T.T. 150.4

I CERTIFY that this A/C HAS BEEN INSPECTED ON 06-23-2025 WITH AN CONDITIONAL INSPECTION & FOUND TO BE IN CONDITION OF SAFE OPERATION. IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF PART 43, Larry Birdwell
AIP 2649804

LANDINGS

REMARKS

Date	From	To	Hours	Mnt.	Pilot
11-23-06	REPLACED BATTERY WITH TWO PC-625 ODYSSEY BATTERIES, PURCHASED 10-12-06, INSTALLED ASSOCIATED WIRING AND SWITCHES TO ISOLATE AUX. BATTERY TO #2 IGNITION. GROUND ANTS AS EXPECTED, AIRCRAFT SAFE FOR FLIGHT. AIRCRAFT EMPTY WEIGHT 1225, TOTAL MOMENT 77052.5, C.G. 62.9 T.T. 107				
***	Raymond Dorf				
MAR/APR-2007	DISASSEMBLED REDRIVE, CLEANED, INSPECTED, REPACKED ALL BEARINGS. REPLACED REDRIVE BELT WITH CONTINENTAL BELT, PART # 2DF-C1-8HTD-960-12, HTD SUPREME 960MM-8MM-120MM.				
	CHANGED ENGINE OIL + FILTER, CLEAN AIR FILTER, FUEL + VAC FILTER				
5-12-2007	ASSIST LOU W/ANNUAL INSP. T.T. 108.7				
	Total Forward		98.7	151	
	Total to Date		108.7	175	

FLIGHT TESTING DETERMINED ELECTRICAL SYSTEM WORKING
 WEIGHT AND BALANCE CHANGED AS FOLLOWS
 UPDATED WT. & BAL. SHEET INCLUDED W/ AIRCRAFT FLIGHT DOCUMENTS.

CHANGE ENGINE OIL AND FILTER, 4 1/2 QTS OF VALVOLINE SYNPOWER 20W50.
 CLEAN AND INSPECT K&N AIR FILTER, FUEL FILTER, AND VACUUM PUMP FILTER.
 CLEAN, INSPECT, AND REPACK WHEEL BEARINGS.
 INSPECT BRAKES AND TIRES. CHECK AND CORRECT BRAKE FLUID LEVEL.
 INSPECT AND LUBE ALL CONTROL SYSTEM HINGES, PIVOT POINTS, BEARINGS, CABLES, AND PULLEYS.
 INSPECT ELT IN ACCORDANCE WITH FAR 91.20(D). REPLACE BATTERIES DATED 03/2014.
 PERFORM COMPRESSION TEST. 1-80/78, 2-80/78, 3-80/79, 4-80/79, 5-80/79, 6-80/79

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 5-12-2007 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF PART 43 AND FOUND IT TO BE IN A CONDITION OF SAFE OPERATION.

INSPECTION PERFORMED BY: RAY DORF - OWNER
 LOUIS KERHLIKAR - BUILDER

REPAIRMAN EXPERIMENTAL AIRCRAFT BUILDER CERTIFICATE # 2668301
 TOTAL TIME 108.7
 NUMBER OF LANDINGS 175 05/12/2007
 LOUIS KERHLIKAR

LANDINGS					Pilot	REMARKS
Date	From	To	Hours	Min.		
1-8-06	ASSIST	LOW WITH ANNUAL	INSP.		Raymond E Dorf	
Total Forward			78.3	107		
Total to Date			98.7	151		

CHANGE ENGINE OIL AND FILTER, 4 1/2 QTS OF VALVOLINE SYNPOWER 20W50. INSTALL NEW K&N AIR FILTER, NEW FUEL FILTER, CLEAN AND INSPECT VACUUM PUMP FILTER. CLEAN, INSPECT, AND REPACK WHEEL BEARINGS. INSPECT BRAKES AND TIRES. CHECK AND CORRECT BRAKE FLUID LEVEL. INSPECT AND LUBE ALL CONTROL SYSTEM HINGES, PIVOT POINTS, BEARINGS, CABLES, AND PULLEYS. INSPECT ELT IN ACCORDANCE WITH FAR 91.20(D). BATTERIES DATED 03/2007. PERFORM COMPRESSION TEST. 1-80/78, 2-80/78, 3-80/79, 4-80/79, 5-80/79, 6-80/79. INSTALL AIR CONTROL VALVE FOR CABIN HEAT.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 01/08/06 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF PART 43 AND FOUND IT TO BE IN A CONDITION OF SAFE OPERATION.

INSPECTION PERFORMED BY: RAY DORF - OWNER
LOUIS KERHLIKAR - BUILDER

REPAIRMAN EXPERIMENTAL AIRCRAFT BUILDER CERTIFICATE # 2668301
TOTAL TIME 98.7
NUMBER OF LANDINGS 151 01/08/06

LOUIS KERHLIKAR
Jouis Kerhlikar

2003

LANDINGS

REMARKS

Date	From	To	Hours	Min.	Pilot	REMARKS
8-16	3K4	LCL	74.9	2	PHIL SISSON	TEST FLIGHT. COOLING SLIGHTLY IMPROVED. CHECK ALL FITTINGS, HOSES, BOLTS.
8-23	3K4	LCL	76.5	2	PHIL SISSON	TEST FLIGHT NEW WHEEL PANTS & LEG FAIRINGS. NO ADVERSE FLT. CHARACTERISTICS. PWR OFF STALL DOWN TO 63-64 MPH INDICATOR.
→	INSTALL 2-BLADE WOOD PROP W > 100 HRS, NEW BOLTS & NUTS, Aymar-Demuth MOD. 3600, SER.# 92368, 68 X 77, TORQUE TO 320-340 IN-LBS.					
					Raymond C. Duff	
11-2	3K4	LCL	77.8	1	PHIL SISSON	TEST FLIGHT. CLIMB PERF. GOOD, TOP SPEED 180+ GPH @ 4050 RPM @ 7500'
	WEIGHT AND BALANCE RECALCULATED W/ WHEEL PANTS AND PROP CHANGE AS FOLLOWS:					
***	(EMPTY WT. 1222, C.G. 62.8, MOMENT 76741.6) WT. AND BALANCE SHEET INCLUDED W/ AIRCRAFT FLIGHT DOCUMENTS					
2004	CHANGE OIL & FILTER, 4 1/2 QTS. VALVOLINE					Raymond C. Duff
8-2004	SYNPOWER (SYNTH.) 20W-50, INSPECT & SERVICE AIR, FUEL, & VAC. FILTERS; INSPECT WHEEL BEARINGS, BRAKES, AND TIRES; INSPECT AND LUBE ALL CONTROL SYSTEM HINGES, PIVOT POINTS, BEARINGS, CABLES, & PULLEYS; INSPECT ELT & BATTERIES (DATED MAR. 2007); TEST ELT.					
			74.3			
	Total Forward		73.3	102		
	Total to Date		78.3	107		

2003

LANDINGS

Date	From	To	Hours	Min.	Pilot	REMARKS
	FABRICATED MOUNTS & INSTALLED OIL COOLER AND					AUX. WATER COOLER & ASSOCIATED PLUMBING & DUCTS
	REPLACED TAILWHEEL SPRING TO CORRECT TAILWHEEL ALIGNMENT					
	WEIGHED AIRCRAFT AND RECALCULATED WEIGHT AND BALANCE AS FOLLOWS					
	WT.	ARM	MOMENT			WEIGHT & BALANCE SHEET INCLUDED W/AIRCRAFT & FLIGHT DOCUMENTS
	MAINS 1180	59	69620			
	TAIL 28	230.25	6447			
	EMPTY WT. 1208	GG 63.0	76067			
			8.1 TOTAL			
	Total Forward	65.2	102			
	Total to Date	73.3	102			

EXTENSIVE GROUND TAXI TESTING FROM TAILWHEEL SPRING

Raymond E. Day

RUNNING TO CHECK FOR LEAKS IN COOLING SYSTEMS. LOW TO HIGH SPEED, TAIL DOWN AND TAIL UP, TO CHECK NEW AND GROUND HANDLING. HANDLING CONSIDERABLY IMPROVED

2002

Date	From	To	Hours	Min. LANDINGS	Pilot
5-25 THRU 6-9	3K4	LCL	6.1	17	Ray Dorf
6-10	-	-	-	-	-
11-20	-	-	-	-	-
INSPECT & SERVICE AIR & FUEL FILTERS; CLEAN, INSPECT AND REPACK WHEEL BEARINGS; INSPECT BRAKES & TIRES; LUBE ALL CONTROL SYSTEM HINGES, PIVOT POINTS, BEARINGS, CABLES, PULLEYS, REPLACE F.L.T. BATTERIES (EXPIRE MAR 2007)					
12-7	ASSIST LOU W/ANNUAL INSP.				
Total Forward			58.0	85	
Total to Date			64.1	102	

REMARKS

PRACTICE, STALLS, T.O. & LANDINGS, FLIGHT TESTING
 GROUNDED TO REPLACE CRACKED SPINNER & BULKHEADS
 SPINNER FINISHED, CHANGED OIL & FILTER (20W50 CASTROL SYNTEC)

CLEAN, INSPECT, AND PACK WHEEL BEARINGS.
 REPLACE ELT BATTERIES.
 COMPRESSION TEST RESULTS AS FOLLOWS:
 1-80/80 2-80/78 3-80/80 4-80/80

"I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 11/02/02 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF PART 43 AND FOUND IT TO BE IN A CONDITION FOR SAFE OPERATION.

INSPECTION PERFORMED: BY RAY DORF - OWNER
 LOUIS KERHLIKAR - BUILDER

REPAIRMAN EXPERIMENTAL AIRCRAFT BUILDER
 CERTIFICATE # 2668301 LOUIS KERHLIKAR

Louis Kerhlikar

TOTAL TIME 65.2

DATE 12/07/02

2002

2001

Date	From	To	Hours	Min. <small>Cont.</small>	Pilot
6-23	SK1	LCL	0.3	1	Jan Kallh
6-25	SK1	3K4	0.5	1	Jan Kallh
6-23	↓ HOBBS 42.5 ON DELIVERY TO HILLSBORO 6-25-01 Ray Duff				
7-1	<hr/>				
THRU	<hr/>				
8-1	<hr/>				
8-2 THRU 8-10	SK1 3K4		3.1		Ray Duff
8-13	3K4 XT - LCL		1.1	3	PHIL SISSON
8-25	3K4 - 3LF - 3K4		.8	2	Ray Duff DUAL
9-1 THRU 11-4	3K4		10.5	28	Ray Duff DUAL
Total Forward			41.7	50	
Total to Date			58.0	85	

2001

REMARKS

check after condition inspection
 deliver to Hillsboro pending sale
~~REV~~
 I certify that N512 has been ~~checked~~ checked in accordance to builder and FAA check list for condition inspection and is safe to operate as described in operating limitations. Jan Kallh 327445533
 (ADJUSTED MAIN GEAR WHEEL ALIGNMENT TO 3/16" TOE IN (LIGHT), 0" TOE IN (HEAVY), MEASURED AT CENTER OF TIRE TREAD IN 3-PT. ATTITUDE)
 (MODIFIED FLAP HANDLE AND RATCHET ASSY. AS PER PLAN ALTERNATE Raymond C. Duff)
 TAXI PRACTICE (LOW, MED, HIGH SPEED) TAIL DOWN AND TAIL UP
 LOCAL FLYING & FAMILIARIZATION
 T.O. & LND. PRACTICE, FAMILIARIZATION, DUAL w/PHIL SISSON
 PRACTICE, FAMILIARIZATION, FLIGHT TESTING,
 T.O. & LANDINGS, DUAL w/PHIL SISSON

Date 2001	From	To	Hours	Mins. :00	Pilot
5-6-01	SK1 - TAZ	SK1	1.6	2	Low Kerhiteu
5-13-01	SK1-LCC		.8	1	"
5-13-01	"		1.0	1	"
5-13-01	SK1-LCC		.6	1	"
5-14-01	"		.6	1	"
5-18-01	"		.7	1	"
5-19-01	"		1.4	1	"
5-20-01	"		1.1	1	"
5-20-01	"		1.2	1	"
5-27-01	SK1 - LTD	SK1	1.1	1	"
Time for condition inspection. Must get Reprimum Cert. first					
Total Forward			31.6	39	
Total to Date			41.7	50	

REMARKS

150th pass seat - full fuel, slow flight, turns, stalls. Taylorville

200th " " 15 gal. fuel " " "

" " full fuel " " "

225th " approx 16.5 gal " " "

" " full fuel " " "

" " " " " "

Pilot only, climb to 8000', 10,000', 11,000' - not out of power yet

Just putting on hours.

" Busted 40!!!

"

Litchfield

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 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 V50 65, Vx 90, and Vy 105, and the weight of 1475^{lbs} and CG location of 166028 at which they were obtained. *James Hall* 327945533

Date 2000	From	To	Hours	Min. LDC	Pilot
11-4-00	SK1 - LCL		.6	1	Lou Kerhliou
11-4-00	"		1.1	1	"
11-12-00	⊙ "		1.5	1	"
11-23-00	"		.8	1	"
11-24-00	"		.5	1	"
11-26-00	"		1.2	20.5 1	"
3-18-01	"		.6	1	"
3-25-01	"		1.4	1	"
4-7-01	SK1 -	TAZ - SK1	1.6	2	"
4-15-01	SK1 -	TAZ - SK1	1.1	2	"
4-28-01	SK1 - LCL		1.1	1	"
4-29-01	SK1 - TAZ - LTD	SK1	1.8	3	"
4-30-01	SK1 - ISX -	SK1	2.0	2	"
5-5-01	SK1 - LCL		1.7	1	"
Total Forward			14.6	20	
Total to Date			31.6	39	

REMARKS

- slow flight w/wo flaps, stall w/wo flaps.
- " " climb rate check from 2000/KSI indicated 1100(?)
- rate of climb test - indicates, 105, best angle 90
- check climb to 5000' from T.O., slow flight.
- short flight, best weather, 370.8 C.
- expand flight area, Auburn, Gardenville, Zdenov
- initial after insp. and repair, all seems fine
- check longitudinal stability - static shows positive stability, dynamic shows somewhat Neutral
- Recheck " " - same fixings, finally fly somewhere! Taylorville
- str. + level, just a cruise Taylorville
- lateral stability check - very good control Taylorville, Litchfield
- climb to 6000', power off descent to TAZ, slow flight, stall Power On. ↓
- relax and check inputs, and engine operations. No problems - seems great Bakerville
- add 100 lbs in pass. seat, slow flight, stalls shallower? steep turns, 15 gal fuel

Date 2000	From	To	Hours	LOG		Pilot
				Min.		
6-4-00	SKI - LCL		1.5	1		Jain Kahlh
6-10-00	SKI - LCL		.8	2		Low Kerhlikan
6-11-00	"		.5	1		Jain Kahlh
10-7-00	SKI - LCL		1.2	3		Low Kerhlikan
10-6-00	"		1.1	2		Low Kerhlikan
10-7-00	"		.7	1		Low Kerhlikan
10-8-00	"		1.4	2		Low Kerhlikan
10-9-00	"		.9	1		"
10-14-00	"		1.0	1		"
10-15-00	"		1.4	1		"
10-22-00	"		1.5	2	10.5	"
10-28-00	"		.6	1		"
10-29-00	"		1.3	1		"
10-30-00	"		.7	1		"
Total Forward						
Total to Date			14.6	20		

REMARKS

First flight - slow flight, 10 & 20° banks, 360°, 10-20° nose up and down, stall @ 5 MPH - no flaps

2nd flight. - slow flight, 10 & 30° bank, departure stall, 5 approaches, 2 landings

check over complete - Nav radio on, 1st notch flap stall @ MPH, 3 approaches, 1 landing

slow flight, stalls - 65 clean, shallow turns, T.O. (3) check fuel lean, sustained level flight, eng. gear OK

slow flight, stall - 62 / 1st notch, climb to 5000', descent, 5 RPM, T.O. (2)

slow flight, 30° bank in, / stable - very little stick pressure

slow flight, banks, climb, str. level, determine RPM for 200 RPM descent (2500)

str. level, banks, min. controllable air - very good

check prop change / battery good, no tie problems, slow flight, str. level

Boring flight, rack up time, check stall speeds, str. level, banks

Same as above, v - valve were gaskets - OK

Stalls, slow flight, climb to 6000', descent speed,

Same as above

close in pattern, 5 approaches

CONSTRUCTION MATERIALS

WINGS: Spars Aluminum Ribs Aluminum Cover Aluminum
 FUSELAGE: Longerons Aluminum Formers Aluminum
 Firewall Stainless Steel Stringers Aluminum Cover Aluminum
 TAIL: Spars Aluminum Ribs Aluminum Cover Aluminum
 LANDING GEAR: Legs Steel Axles " Wheels Aluminum
 EXTERNAL BRACING: STRUTS None WIRES None

FINISHES

Finish Dope or Paint _____ Metal Finish (Skin) Jet-Glo Urethane

SERVICING INFORMATION

Fuel Grade 100LL Gallons 25 U.S. Gal Type & Grade Engine Oil 50wt. Valvoline Racing Oil
 Brake Fluid MIL-H-5606 Oleo Fluid None Tire Pressure _____

FAA APPROVAL

APPROVED FOR FLIGHT

Date	Inspector
05-15-00	L. Wayne Dunham DART400139GL

PERMANENT AIRWORTHINESS CERTIFICATE ISSUED

Date	Builder Sign Phase I Completed

91.319 Endorsement _____

I FIND THAT THE AIRCRAFT (N512) MEETS THE REQUIREMENTS FOR THE CERTIFICATION REQUESTED AND HAVE ISSUED A (SPECIAL) AIRWORTHINESS CERTIFICATE DATED 05-15-00 NEXT INSPECTION DUE 05-15-01
 SIGNATURE L. Wayne Dunham
 L. WAYNE DUNHAM DART400139GL

AMATEUR-BUILT AIRPLANE

MAKE & MODEL Kerhlikar Mustang M-II

Serial No. M-II-1388 Registration No. N 512

DESCRIPTION _____

Wing Span _____ Wing Area _____ Length _____

Empty Weight _____ Gross Weight _____ Limiting Speed (Vne) 230

Built By: Louis Kerhlikar

Date _____

Original Design By: Robert Bushby Built From Plans By: Louis Kerhlikar