

VENOM N747J

ENGINE LOG  
EF5-1

Boat J-1747 Venom

ENGINE DESCRIPTION

BRAND Rolls Royce MODEL Ghost 48 MKI

SERIAL NUMBER 2317 DATE OF MANUFACTURE 1958

RPM \_\_\_\_\_ MANIFOLD PRESSURE \_\_\_\_\_

RECORDING DEVICE PERFORMANCE

REGISTERED OWNER David Van Buren

STREET NAME \_\_\_\_\_

CITY, STATE, ZIP Huntington Ind. 46750

REGISTERED OWNER \_\_\_\_\_

STREET NAME \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_



# AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
	186.8					
	I certify that this engine has been inspected on June 4, 1987 and was found to be in condition for safe flight operation.					
						H&P
			189.18 SMOH			
			904.18 TTE			
			1587.85 TTA			

A.D./BULL. NUMBER

T  
900

RD

# AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

7

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
908.48	TTE	July 3, 1988	193485 MOH			A&P [Redacted]

July 3, 1988

I certify that this engine, was been inspected on July 3, 1988 and was found to be in condition for safe flight operation.

[Redacted Signature]

[Redacted Certificate No.]

# AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
		Dec. 4, 1958				
		910.08 TTE				
		195.05 SMOA				
		I Certify that this Engine has been Inspected in Accordance with a 100 Hr. Inspection and was determined to be in Airworthy Condition.				
	Replaced Igniters,	Cleaned				
	High Pressure Fuel Screen,	Replaced				A&P. [Redacted]
	Low Pressure Fuel Filter,	Cleaned				
	Checked Generator Brushes for	Wear O.K.				
		Oil Filter Checked O.K.				
						[Redacted] H&P [Redacted]

RECORD

AIRWORTHINESS DIRECTIVE//FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
11-19-91	TOTAL TIME 195.					
<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A CONDITION INSPECTION AND WAS DETERMINED TO BE IN CONDITION FOR SAFE FLIGHT</p> <p style="text-align: center;">[REDACTED] AS [REDACTED] IA</p>						
<p>Preflighted, Stouts, Bottles, Tires, Tank Ck.            BA Hery, Ports, Rev Ck.            TAXI, High Speed Ck            Rops, Static, Transponder            [REDACTED] [REDACTED]</p>						
<p style="text-align: right;">[REDACTED] Nov 91</p>						
Y 3-13-93	TOTAL TIME 204.0					
<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A CONDITION INSPECTION AND WAS DETERMINED TO BE IN CONDITION FOR SAFE FLIGHT.</p> <p style="text-align: center;">[REDACTED] [REDACTED]</p>						

28973

O.K.





CORD

### INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3-18-94	206:20	<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A CONDITION INSPECTION AND WAS DETERMINED TO BE IN CONDITION FOR SAFE FLIGHT.</p> <p style="text-align: right;">IA [REDACTED] A/C TOTAL TIME 1604:20</p>
8/1/94		<p>Low pressure and high pressure fuel filters checked, New low pressure filter installed. High pressure filter cleaned and checked and re-installed. Engine gone over and leak checked - no drips of any major concern.</p> <p style="text-align: right;">ATP [REDACTED]</p>
9-26-94		<p>REINSPECTED work performed on 8-1-94 and found to be in a condition safe for flight.</p>
2/11/95		<p>All burner drain lines removed and replaced with new ones.</p> <p>Engine cleaned, and some portions painted - Rust removed from bolt heads/nuts.</p> <p style="text-align: right;">ATP [REDACTED]</p>

## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5/01/95	224:15	I Certify that this engine has been inspected IIAW A CONDITION INSPECTION AND WAS DETERMINED TO BE IN CONDITION FOR SAFE FLIGHT.
8/13/95	—	Both MAIN TIRES Replaced. [REDACTED] ATP [REDACTED]
8/30/95	—	#3 FUEL TANK Bladder - Left Wing, Removed, Repaired Reinstalled. [REDACTED] ATP [REDACTED]
7/1/95	—	STARTER CHANGE-OVER BLACK BOX Replaced Part # N118397
9-24-97		REINSPECTED work performed on 7-1-95, and found to be IN A condition safe for flight [REDACTED] ATP [REDACTED]
9/05/95	239:50	TOTAL ENGINE TIME THIS DATE

## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5/15/96		- Turbo-STARTER AND Electrical AND Fuel connections REINSTALLED in conjunction with Fuel Fuselage tank <sup>INSTALL</sup> Removal. - STARTER REPAINTED. [REDACTED] ATP [REDACTED]
9-24-97		REINSPECTED work performed on 5-15-96 AND found to be in A condition safe for slight damage [REDACTED] ATP [REDACTED] - ENGINE INSPECTED FOR Leaks AND SECURITY. [REDACTED] ATP [REDACTED]
		- Left + RT. - Igniters Replaced with New Components. [REDACTED] ATP [REDACTED]
		- STARBOARD IGNITER cable Replaced. [REDACTED] ATP [REDACTED]
		- New Tech Generation installed. [REDACTED] ATP [REDACTED]
5/21/96		- New Fuel metering Control installed [REDACTED] ATP [REDACTED]

## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5/22/96	234:30	I Certify That This Engine has been Inspected I.A.W a Condition Insp. and was determined to be in Condition for SAFE Flight [REDACTED] CRS-Num. [REDACTED] Manassas Va
6/8/96		Fuel Metering Control replaced with Reconditioned Control. [REDACTED] [REDACTED] A&P [REDACTED] NAACOM NUMB-2296
6/18/96		Low pressure Fuel Filter cleaned & replaced. [REDACTED]
6/18/96		Oil wire screen inspected - found clean. [REDACTED] Replaced & Sealed. New gasket installed [REDACTED]
6/18/96		Oil Felt screen, inspected, cleaned and replaced. [REDACTED]
6/11/96		9 qts of fresh oil, Mil 1010 replaced into system [REDACTED] Reinspected work per form on 6-8 To 6-11-96 and found to be in a condition safe for flight. James [REDACTED] [REDACTED]
6/11/96	234:30	Oil Sample test sent out for EVAL/STANDARD. [REDACTED]

DATE
7/11/96
8/19/96
2/1/97
8-21-97
10-11-97
6/20/98

## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/11/96	236:55	TOTAL ENGINE TIME
8/19/96	240:35	TOTAL ENGINE TIME
2/1/97	241:05	TOTAL ENGINE TIME
8-21-97	241:20	I certify that this engine has been inspected 1/4 hrs a condition Insp and was found to be safe for flight. [REDACTED]
10-11-97	241:50	REMOVED AND REPLACED ENGINE DRIVEN GENERATOR AND REPAIRS SEVERAL WIRING INSPECTED AND OPS CHECK SYSTEM AND FOUND TO BE IN A CONDITION SAFE FOR FLIGHT. [REDACTED]
P.E. 6/20/98	247:35	XFLUONICS Repair. (Ric)
P.E.		

## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9-18-98	253:15	Removed + Replaced Turbo STARTER IAW ADP. MANUALS ops ckd good [REDACTED]
9-30-98	256:45	DRAINED oil - oil sample taken. REPLACED ALL fuel AND oil filters - inspected oil screen - inspected Inlet and Exhaust - inspected BURNER CAN SEALS inspected fuel AND oil HOSES, RESERVOIR ENGINE with oil I certify that this engine has been inspected I/AFW A conclusion inspection and has been found in a safe condition for flight. [REDACTED]
6-4-99	256:45	Installed TARD selection switch in Turbo STARTER system ops check aircraft found to be safe for flight [REDACTED]

DATE

5-16-00

5-2-01

3-21-02

7-11-02

## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-16-00		I certify that this engine has been inspected 1/11/00 a conductal inspection and was found safe for flight. [REDACTED]
5-2-01	T.T. 308	installed 4 new burner cans fuel drains and fittings - oil sample TAKE-work perform by owner - I certify that this engine has been inspected 1/11/01 a conductal inspection and was found safe for flight. [REDACTED]
3-21-02	T.T. 314:45	-
7-11-02	T.T. 318:35	TOTAL ENGINE TIME THIS DATE. This engine has been inspected 1/11/02 a conduction inspection and was found to be in a safe conduction for flight. [REDACTED]

## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	DATE
7-19-02	318.45	REMOVED Tail pipe Assy AND installed	10-01-200
		SERVICEABLE Tail pipe Assy 3/12/122.	
		ENGINE TEST RAN AND LEAK CHECKED	
		[REDACTED]	
8-03-05	323:35	I Certify This Aircraft HAS BEEN Inspected	7-1-2005
		AND FOUND SAFE FOR Ferry Flight. KPHO → Brittiss ARK	
		[REDACTED]	
08/05/05	325:35	I Certify This Engine Inspected IAW A	Aug 2, 2005
		CONDITION Inspection and determined to be in	
		Condition for Safe Flight. Included IHA Test FLT	TESTING
		Signed [REDACTED]	
		08/05/2005	



## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-01-2006	330.8	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. A CONDITION INSPECTION AND HAS BEEN FOUND TO BE IN A CONDITION FOR SAFE FLIGHT.  [REDACTED]
7-1-2009	330.9	INSPECTED ENGINE PER FAR 43"D". Run up SATISFACTORY. "I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED PER FAR 43"D" AND A (CONDITION) INSPECTION AND WAS FOUND TO BE IN A (CONDITION) FOR SAFE FLIGHT."  [REDACTED]
AUG 9, 2015 TEST RUN	330.9 331.2	INSPECTED ENGINE PER FAR 43"D" AND THE DEHAUILLAND PH/112 MAINT. MANUAL. CLEANED FILTERS, SERVICED OIL QUANTITY. TEST RUN SATISFACTORY. THIS ENGINE HAS BEEN INSPECTED PER A CONDITION INSPECTION PER FAR 43"D" AND WAS FOUND TO BE IN A (CONDITION) FOR SAFE FLIGHT. [REDACTED] GEORGE A. DENYS FAR: ROCK ROYAL ENT LLC. WINDHOLLA NY.

## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

Make: <del>Goblin</del> <i>Ghost</i> JH Model: <del>TKR 35B</del> <i>48 MKI</i> JH Ser #: <del>9404</del> <i>2317</i> JH Reg #: <del>N115DH</del> <i>N747J</i> JH	<b>Ultimate Aviation LLC</b> Brigham City, Utah, KBMC 801-675-0103	Tach Time: <del>N/A</del> <del>SMOH: 175.0</del> <i>233.5</i> JH TSN: <del>1048.5</del> <i>0.0</i> JH WO# 1828
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- Performed Condition Inspection:
1. Rerouted some hard lines to prevent chafing
  2. Cleaned fuel filter
  3. Cleaned oil filter
  4. Replenished engine oil with new ~~1040~~ *Aero Shell 450*
  5. Cleaned breach
  6. Replaced BFCU rubber hose interconnect with new hose
  7. Repaired engine 2x fairing brackets
  8. Repaired metal flex drain tube aft engine section
  9. Test run - performance within specifications

I certify that this Engine has been inspected on 15 June 2018 IAW the scope and detail of FAR 43 Appendix D and was determined to be in a condition for safe operation.

Signature & Certificate # <span style="background-color: black; color: black;">[REDACTED]</span>	A&P <span style="background-color: black; color: black;">[REDACTED]</span> IA	Date	15 June 2018
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## INSPECTION & MAINTENANCE RECORD

DATE

Make: Ghost  
Model: 48 Mk1  
Ser # 2317  
Reg # N747J

**Ultimate Aviation LLC**  
Brigham City, Utah, KBMC  
801-675-0103

Tach Time: N/A  
SMOH: 335.5  
TSN: 1050.5  
WO# 1831

Performed the following maintenance actions:

1. Four flight operations, multiple ground runs and taxi tests performed to find the following;
2. Noticed 1 ignitor not popping during start sequence - Removed ignitors, one fouled, cleaned ignitors, installed, ops check good.
3. Test run - performance within specifications

I certify that the work performed was done IAW the Venom / Ghost MM and current FAR's, this ENGINE is determined to be in a condition for safe operation.

Signature & Certificate #

A&P #

Date

18 July 2018



The Standard



# AIRCRAFT LOG


ASA-S1-2

LOG #2

VENOM  
N 747J

DATE 18 2008	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
4-6-08			1734.5	<p>INSPECTED AIRCRAFT PER A CONDITION INSPECTION I.A.W FAR 43 APPX "D"</p> <p>SERVICED AIRCRAFT SERVICED BATTERIES</p> <p>PERFORMED JACK &amp; RETRACT INSPECTION</p> <p>SERVICED START RUNUP SATISFACTORY</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED I.A.W.</p> <p>A CONDITION INSPECTION AND HAS BEEN FOUND TO BE IN A CONDITION FOR SAFE FLIGHT</p> <p>[Redacted Signature]</p> <p>RP</p>

DATE 18 2008	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-6-08	A.C.	T.T.	1734.5	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. A CONDITION INSPECTION AND HAS BEEN FOUND TO BE IN A CONDITION FOR SAFE FLIGHT 
	Engine S. NEW	S. NEW	331.8	
7-1-2009	A/C T.T.	T.T.	1734.5	INSPECTED AIRCRAFT PER FAR 43 "D" SERVICED AIRCRAFT, CLEANED FILTERS, JACKED A/C, PERFORMED RETRACTION TESTS. SERVICED BATTERIES. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED PER A CONDITION INSPECTION AND WAS FOUND TO BE IN A CONDITION FOR SAFE FLIGHT.  A&P.
	Engine S. NEW	S. NEW	331.8	

DATE 18 2015	RECORDING TACH TIME T.T.	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
AUG 2, 15	1734.5	Ø	1734.5	<p>INSPECTED AIRCRAFT PER FAA 43 "APPROX D"</p> <p>SERVICED AIRCRAFT PER THE PUBLICATION V.M.R.</p> <p>T-112 A.1.2. JAWED AIRCRAFT. SERVICED ALIGHTING GEAR.</p> <p>SERVICED STRUTS, TIRES. SERVICED PNEUMATIC SYSTEM. SERVICED HYD SYSTEM. CLEANED AIRCRAFT.</p> <p>GREASED SERVICE POINTS. TEST RUN &amp; TAXI.</p> <p>RE-SERVICED BRAKES. EJECTION SEAT PINNED.</p> <p>THIS AIRCRAFT HAS BEEN INSPECTED PER A (CONDITION INSPECTION) AND WAS FOUND TO BE IN A CONDITION FOR SAFE FLIGHT.</p> <p style="text-align: right;">  A&amp;P.            GEORGE A. DENNIS FOR:            ROCK ROYAL ENT L.L.C.            LENHADILLA NY 13849-         </p>





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

Make: DeHavilland  
 Model: DH-112  
 Ser # J-1747  
 Reg # N747J

**Ultimate Aviation LLC**  
 Brigham City, Utah, KBMC

Tach Time: N/A  
 Hobbs Time: N/A  
 Total Time: 1737.5  
 WO# 1828

Performed the following:

1. Condition Inspection
2. Brakes calipers rebuilt and adjusted to supply even pressure
3. ELT tested IAW FAR 91.207(d), Batt next due March 2019
4. IFR cert / transponder cert performed by Top Flight Avionics - details see log entry
5. Oxygen bottles hydrostatic test performed, Next due June 2023
6. Fuel transfer hoses through wings replaced with new hose
7. Cleaned battery boxes, painted, installed new cable and batteries 2x PC950
8. Installed new o-rings on all fuel caps
9. Replaced RH INOP Nav light with NOS
10. Serviced nose strut
11. Replaced LH/RH MLG tires with NOS
12. Replaced LH/RH MLG wheel bearings and races with new parts
13. Cleaned and sealed wing tip and drop tank seals and plugs
14. Treated flight control cables with LPS 3
15. Changed british grease fittings to US type
16. Re-Rigged elevator stops to correct specs for travel
17. Replaced missing labels on various items throughout cockpit
18. Verified Ejection seat is cold - No Cartridges installed

I certify that this Aircraft has been inspected on 15 June 2018 IAW the scope and detail of FAR 43 Appendix D and was determined to be in a condition for safe operation.

Signature & Certificate #

A&P

A

Date

15 June 2018

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

Make: DeHavilland	<b>Ultimate Aviation LLC</b> Brigham City, Utah, KBMC [REDACTED]	Tach Time: N/A
Model: DH-112		Hobbs Time: N/A
Ser # J-1747		Total Time: 1741.5
Reg # N747J		WO# 1831

Performed the following maintenance actions:

1. Four flight operations, multiple ground runs and taxi tests performed to find the following;
2. Located and repaired hydraulic leak on brake valve banjo fitting
3. Replaced defective generator flag motor indicator with NOS
4. Replaced defective fuel transfer flag motor indicator with NOS
5. Bleed brakes and charged system with nitrogen
6. Serviced hydraulic reservoir
7. Replaced LH main tire with NOS
8. Calibrate fuel quantity indicator
9. Test fuel quantity probes
10. Cleaned fuel quantity rectifier and connections
11. Calibrated fuel quantity rectifier / indicator / fuel contents

I certify that the work performed was done IAW the Venom MM and current FAR's, this AIRCRAFT is determined to be in a condition for safe operation.

Signature & Certificate # [REDACTED]	A&P [REDACTED] IA	Date	18 July 2018
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