

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

Port
**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N50693

Engine Manufacturer Lycoming

Model I0-540-K1B5

Serial No. L-28298-48A

Date installed on aircraft 5/7/02

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☐ Right ☒ Left
☐ Front ☐ Rear



AEROTECH PUBLICATIONS INC.

www.adlog.com
PO BOX 1359 / SOUTHOLD, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by **TEXTRON LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Administration Directives and Textron Lycoming Service Bulletins have been complied with at time of Manufacture.

SERIAL NO. L-28298-48A

DATE 9-27-01

NO.
Campbell
 (AUTHORIZED REPRESENTATIVE)

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.

FORM NO. 777-B (Rev. 3/94)

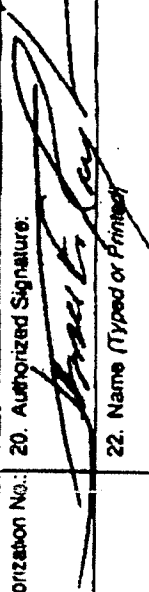
Installed engine on L.H. side of Britten-Norman Islander (BN-2A-21) 1.A.W. applicable engine and Airframe manufacturers' instructions. New hoses installed (Avia All Hose Shop). Operational check performed.

Joseph A. Quatt Jr
ATP 2148753

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
5/28/02	3		698.4	Checked strainer - O.K. Joseph A. Reed ATP 2148753
6/5/02	6.9		702.3	Changed oil (straight mineral) Joseph A. Reed ATP 2148753
8/17/02	32		727.4	Changed oil (straight mineral), checked strainer, Adjusted idle & idle mixture controls. Adjusted alternator belt. Joseph A. Reed ATP 2148753
10/23/02	50.8		746.2	Changed oil (Aero Shell W, Ashless dispersant) checked strainer. ^{OK} Replaced exhaust pipe w/ N NB-53-ND-267 with new unit. Replaced pipe Assy. center stack w/ N NB-53-ND-285 with O.H unit NB-53-ND-285, s/n 54138E. See Aircraft Exhaust Systems. Adjusted idle and idle mixture controls Joseph A. Reed ATP 2148753
3/19/03	54.6		750.0	Changed oil (Aero Shell W, Ashless dispersant). Joseph A. Reed ATP 2148753
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

UNITED STATES		FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration				3. System Tracking Ref. No. 156585	
4. Organization AIRCRAFT EXHAUST SYSTEMS INC BROOMSTRAW RIDGE RD JUMPING BRANCH WV 25969		5. Work Order, Contract or Invoice No. 54138A-J					
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work	
	CENTER RISER	NB53-ND-285	BRITTEN NORMAN ISLANDER	10	NA	NEWLY OVERHAUL	
13. Remarks WORK ORDER # 54138A-J PRESCRIBING THE ACTUAL WORK PERFORMED IS ATTACHED. THE PRESCRIBED WORK WAS PERFORMED IN ACCORDANCE WITH FAA APPROVED DATA.							
PACE ENTERPRISES 0258							
14. Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.							
☐ New ☒ Newly Overhauled		16. FAA Authorization No.: 			19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.		
15. Signature NOTE: In case of parts to be exported, the special requirements of the importing country have been met.		20. Authorized Signature: 			21. Certificate Number XHYR068L		
17. Name (Typed or Printed):		18. Date:			22. Name (Typed or Printed): JAMES J. YABURN 23. Date: 3/29/01		

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
7/15/04	102.1		797.5	Changed Oil (Aero Shell W). Oil sample taken <i>Jarvis A. Reed Jr.</i> ATP 2148753
4/1/05	120.2		815.6	Performed 100 hr. inspection i.a.w. Pilot's Written NORMAN maintenance check list form PMC 1 (BNA 123) issue 15. Differential Compression Check (1.) 78/80 (4.) 76/80 (2.) 78/80 (5.) 74/80 (3.) 75/80 (6.) 80/80 Changed oil checked and cleaned strainers, cleaned & checked spark plugs. Replaced # 4 cyl. (lower) plug with new plug. See A.D. log + guide for compliance. <i>Jarvis A. Reed Jr.</i> ATP 2148753
4/1/05	120.2		815.6	Checked torque on engine mount bolts <i>Jarvis A. Reed Jr.</i> ATP 2148753
8/2/05	156.3		28.1	Changed Oil (Aero Shell W) checked and cleaned strainers. Oil sample taken <i>Jarvis A. Reed Jr.</i> ATP 2148753
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
5/9/06	169.1		46.9	Per Scheduled 100 hr insp. i.a.w. Status Ritten Norman check 1st term PMC 1, etc (BWA 128) issue 15. Johntermin / Compression Check (1) 75/80... (4) 74/80 (2) 72/80 (5) 70/80 (3) 70/80 (6) 72/80 changed oil, installed new spark plugs See ASD log + guide for compliance Joseph A. Routh, Jr. AIP 2148753
7/27/06	193.5		66.3	Changed oil (Aero Shell W) checked and cleaned strainers. Joseph A. Routh, Jr. AIP 2148753
9/1/06	211.8.		84.6	Changed Oil (Aero Shell W)... checked and cleaned strainers. Joseph A. Routh, Jr. AIP 2148753
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

Manufacturer	LYCOMING ENGINES
Part Name	AIRCRAFT ENGINE
Model No.	IO-540-K1B5
Serial No.	L-- 28298-48A
Remarks	

The aircraft engine or accessory identified above was:
Repaired

LEFT ENG

1. Removed this eng repair.

FINAL INS

and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the work performed are on file at
Lycoming Engines under order no: D7X28298

Date 02.16.07

Signed

Signature of Authorized Person

FOR: *LYCOMING*
A Textron Company
652 Oliver Street
Williamsport, PA 17701 USA
Repair Station #EJ1R115K

Form 302A (3/04-LM)

2/8/07 Engine s/n L-28298-48A was ~~disassembled~~ ^{overhauled} for compliance with Service Bulletin 566 (AD 2005-19-11). Engine was disassembled, cleaned, and inspected. Cylinders were honed. Engine was reassembled replacing the crankshaft with s/n AV537944406. Also replaced were all: bearings, rings, hardware necessary for the repair, piston pin plugs, and all perishable items. Engine was tested in accordance with Lycoming Specifications and is determined to be in an airworthy and safe operating condition. Additional service bulletins and instructions complied with 342E (2002-26-01), 475C, (2004-10-14), 555A, 558, 566 (AD 2005-19-11) SI 1267C, 1424, 1487. All pertinent data relating to this work is on file at Lycoming under work order D7X28298.

J. Schans Repairman Cert. #3145792
Repair Station EJ1R115K

END



Paul Fournet Air Service
Lafayette, LA.
337-237-0520

N	50693	HOBBS	98.3	LNDGS	N/A	DATE	3-18-2007
---	-------	-------	------	-------	-----	------	-----------

~~LEFT ENGINE IO-540-K1B5 S/N L-28298-48A T.S.O. 225.5~~

1. Re-installed this engine on the L/H side of Britten Norman Islander S/N 828 after repair by Lycoming under W.O. D7X28298. Engine installed with new engine mounts P/N J3804-28. Engine serviced with Aeroshell 100 Mineral oil. Ground run, adjusted as required, leak check and function check satisfactory at this time.

FINAL INSPECTION WORK ORDER 2194 DATE 3-18-07

AUTHORIZED INSPECTOR
PAUL FOUR NET AIR SERVICE
MUNICIPAL AIRPORT, LAFAYETTE, LA.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
7/9/07	233.5		105.3	Performed 100W. WSP. i.A.W. Pilatus Britten Norman checklist, form BMC \1 (BNA 123) issue 15. Differential Compression Check (1.) 72/80 (4.) 72/80 (2.) 72/80 (5.) 72/80 (3.) 74/80 (6.) 72/80 Changed oil (Aeroshell 100 mineral) checked strainers. See A.D. 105 + guide for compliance. Joseph A. Reed, Jr. ATP 2148753
10/15/07	249.7		121.5	Removed L.H. magneto m/n 6351, s/n 01071534 for inspection Joseph A. Reed, Jr. ATP 2148753
11/5/07	249.7		121.5	Installed L.H. magneto m/n 6351, s/n 01071534 after inspection by Quality Aircraft Accessories 43880 w/o 58903 to comply with AD 99-04-04. Joseph A. Reed, Jr. ATP 2148753
11/5/07	249.7		121.5	Changed oil (Aeroshell 100 mineral) Joseph A. Reed, Jr. ATP 2148753
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
4/14/08	251.1		122.9	Changed oil (Aero Shell 100 mineral) Joseph A. Reed, Jr. ATP 2148753
6/16/08	251.1		122.9	Performed 100 hr. insp. I.A.W. Pilatus Britten Norman checklist, Form PMCL1, (BNA 123), issue 15. Differential Compression check. (1.) 76/80 (4.) 74/80 (2.) 78/80 (5.) 73/80 (3.) 72/80 (6.) 76/80 Installed new Hot Air Supply Hose P/N T44-69MM-724 MMCC. See A.D. 105 + guide for compliance. Joseph A. Reed, Jr. ATP 2148753
9/30/09	256.2		128.0	Replaced air filters P/N 638873 bead blasted cover + hardware corrosion proofed. Performed 100 hr inspection Per B-AI Service Instruction. Due To New Engine oil was not changed + screen was carefully inspected & cleaned. B. A. Reed ATP 54370235
9/30/09	256.2		128.0	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN AN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION. SUB-TOTALS this page Robert News TOTALS—Carry forward to next page ATP 43521239 IA

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
6/3/10	265.4		137.2	Removed oil Screen Housing - Replaced with 1/2 oil filter Adapter Installed CH48110 oil filter Drained oil Replaced w/11 qts Aero Shell 100 40W Brg H. Smith ATP 1368462
1-10-11	267.5		139.3	Performed 100 hr Inspection I.N.W. Britten Norman checklist Form Pmc BIA-12.3 Brg H. Smith ATP 1368462
1-10-11	267.5		139.3	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION. Robert J. Jones ATP 435212739 IA

31 March 2012 154 Hobbs, 282.2 Total Time.

Periodic Inspection and servicing using Britten-Norman PMC/1 Checklist as a guide. Cylinder compressions all greater than 68/80. Cleaned, gapped, reinstalled Spark plugs. Removed fuel servo inlet screen, cleaned and reinstalled with new seals. Checked ignition timing. Changed oil and filter, reserviced with Aeroshell 100W+ And CH48110-1 filter. Removed and reinstalled exhaust system overhauled by Aerospace Welding Inc, CRS #UWDR792L. Replaced dry air pump with Aero Accessories overhauled part number AA3216CW, serial number 1683509. Run up and leak check acceptable. Airworthiness Directive compliance recorded on attached spreadsheet (ATP).

Edward W. Foster ATP2776779.

20 May 2013, 200.7 Hobbs Time, 328.9 Total Time. Periodic inspection and servicing using BN PMC/1 checklist as a guide. All cyl compressions greater than 75/80. Cleaned, gapped and reinstalled spark plugs. Changed oil and filter, reserviced with with Phillips XC20W-50 and Champion CH48110-1 filter. Replaced 638873 engine inlet air filter. Airworthiness Directive compliance documented on attached spreadsheet (Tdata). Edward W. Foster Edward W. Foster ATP2776779

SUB-TOTALS this page

TOTALS—Carry forward to next page