

Engine Serial : **36404**

TIGER-JOHN-STEVE .

JONES FLYING SERVICE

PO BOX 497,216 W HAMILTON RD

BIGGS ,CA

United States-95917

S.O.A.P.
SPECTROMETRIC OIL ANALYSIS PROGRAM

For Honeywell

REPORT DATE : 02/17/2025

CONTACT PHONE : 530-868-5798

CONTACT EMAIL : jonesflyingervice@gmail.com

FAX NUMBER : 530-868-1428

Jet-Care International

3 Saddle Road,

Cedar Knolls,NJ

United States-07927



ENGINE MODEL: TPE331-10-511M

AIRCRAFT TYPE: THRUSH

AIRCRAFT SERIAL: 2354

OIL TYPE: BPTO 2380

SERVICE CONTRACT#:

LAB DATE: 02/17/2025
SAMPLE DATE: 02/13/2025
RESP EMP: Mike Yazar

TSN: 0

TSO: 0

CYCLES: 0.0

OIL HOURS: 149.0

FILTER HOURS: 149.0

FILTER WEIGHT: 16 MGS

RECOMMEND: Normal

MAINT PERFORMED:

LAB COMMENTS: HONEYWELL SOAP LABS ALL CONFORM TO TEST TO THE STANDARD REQUIRED TO CERTIFY ACCOMPLISHMENT OF AD2018-13-05 PARAGRAPH (g) (2).

CURRENT NORMAL SAMPLE. CONTINUE SENDING SAMPLES AT THE RECOMMENDED INTERVAL.

FILTER RESULTS					ANALYSIS PER WORK INSTRUCTION MLTC WI 1440									
	ST	ST	CB	ST	AL	ST	M50	Cu	Ag	Mg	Al	C/GRI	MISC	MISC-2
AMT	TR		TR		TR			TR	TR		TR	MA	TR	
TYPE	PH												SG	
FORM	FN				FN								FN	

LAB: Q - Jet-Care International

SAMPLE NUMBER: 59628

CONTACT CODE: JFMD

Reviewed by: Perry Rexroad, Honeywell Engr

OIL RESULTS			ANALYSIS PER WORK INSTRUCTION MLTC WI 1437									
Fe	Cu	Ni	Cr	Ag	Mg	Al	Pb	Be				
0.2	0.2	<1	<1	<1	0.1	<1	<1	<0.02				
TAN			WATER		VISCOSITY		RULER	FLASH POINT				

OIL AND FILTER ANALYSIS FINDINGS

ENGINEERING COMMENTS:

LAB DATE: 06/25/2024
SAMPLE DATE: 06/24/2024
RESP EMP: Elizabeth Friga

TSN: 8857.0

TSO: 0

CYCLES: 5509.0

OIL HOURS: 0.0

FILTER HOURS: 2.0

FILTER WEIGHT: 22 MGS

RECOMMEND: Normal

MAINT PERFORMED: G/B REPAIR

LAB COMMENTS: HONEYWELL SOAP LABS ALL CONFORM TO TEST TO THE STANDARD REQUIRED TO CERTIFY ACCOMPLISHMENT OF AD2018-13-05 PARAGRAPH (g) (2).

PREVIOUS NORMAL SAMPLE. CONTINUE SENDING SAMPLES AT THE RECOMMENDED INTERVAL.

FILTER RESULTS						ANALYSIS PER WORK INSTRUCTION MLTC WI 1440								
	ST	ST	CB	ST	AL	ST	M50	Cu	Ag	Mg	Al	C/GRI	MISC	MISC-2
AMT				TR					TR		TR	MA	MI	
TYPE													SG	
FORM														

LAB: Q - Jet-Care International

SAMPLE NUMBER: 52836

CONTACT CODE: TBRG

Reviewed by: Sharad Moodi Kubsad, Honeywell

OIL RESULTS			ANALYSIS PER WORK INSTRUCTION MLTC WI 1437									
Fe	Cu	Ni	Cr	Ag	Mg	Al	Pb	Be				
2.8	0.7	<1	<1	<1	0.6	<1	1	<0.02				
TAN			WATER		VISCOSITY		RULER	FLASH POINT				

OIL AND FILTER ANALYSIS FINDINGS

ENGINEERING COMMENTS: RETURN TO NORMAL SAMPLE INTERVAL AS PER MM.

LAB DATE: 04/23/2024
SAMPLE DATE: 04/18/2024
RESP EMP: Ken Kusama

TSN: 0

TSO: 0

CYCLES: 0.0

OIL HOURS: 26.0

FILTER HOURS: 26.0

FILTER WEIGHT: 6 MGS

RECOMMEND: Normal

MAINT PERFORMED:

LAB COMMENTS: HONEYWELL SOAP LABS ALL CONFORM TO TEST TO THE STANDARD REQUIRED TO CERTIFY ACCOMPLISHMENT OF AD2018-13-05 PARAGRAPH (g) (2).

PREVIOUS NORMAL SAMPLE. CONTINUE SENDING SAMPLES AT THE RECOMMENDED INTERVAL.

FILTER RESULTS						ANALYSIS PER WORK INSTRUCTION MLTC WI 1440								
	ST	ST	CB	ST	AL	ST	M50	Cu	Ag	Mg	Al	C/GRI	MISC	MISC-2
AMT				TR					TR		TR	MA		
TYPE														
FORM														

LAB: Q - Jet-Care International

SAMPLE NUMBER: 51010

CONTACT CODE: JFMD

Reviewed by: Perry Rexroad, Honeywell Engr

OIL RESULTS			ANALYSIS PER WORK INSTRUCTION MLTC WI 1437									
Fe	Cu	Ni	Cr	Ag	Mg	Al	Pb	Be				
0.1	0.1	<1	<1	<1	0.1	<1	3	<0.02				
TAN			WATER		VISCOSITY		RULER	FLASH POINT				

OIL AND FILTER ANALYSIS FINDINGS

ENGINEERING COMMENTS:

Final Report

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Honeywell SOAP

ENGINE ☒
MODULE ☐
SERIAL NUMBER

P-36404

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE	HOURS THIS FLIGHT	CYCLES THIS FLIGHT	ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED
			HOURS		CYCLES		
			SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H	
2015							TOTALS BROUGHT FORWARD
8/3	Hours	6144	6261	983	10633	5900	Replaced All Fuel Filters. Clean Fuel Screens. Clean Chip Plug. Test Chip Light. Replaced Oil Filter. Service engine with 1 qt BP 2380 Turbine Oil. Take Soap Sample and send to Lab. Clean and Test Ignitors. Scrapers. Removed Starter/Generator for inspection cleaning and servicing. Replaced Brush with new Lube Drive Splines. Clean and inspect compressor/impeller section and Rear turbine wheel/Blade Assy. Check engine control rigging and lube as needed. Wash engine with Solus. And Test Run performed. Ok this date.
			ENGINE CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN AIRCRAFT INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION DATE 8/3/15 TOTAL TIME 6261 AIP/A 886335235				
TOTAL 6176 SMOH 983							
Removed Spinner, Lube Hub Assy. Dress Blades. Repaint Blades As Needed							
PROP			CERTIFY THAT THIS PROP HAS BEEN INSPECTED IN ACCORDANCE WITH AN AIRCRAFT INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION DATE 8/3/15 TOTAL TIME 6176 AIP/A 886335235				
			TOTALS TO DATE				

P36404C

P36404C

1564 LH



Garrett Engine Log

N 5 PC

SN 1564 SA



GARRETT TURBINE ENGINE COMPANY

A DIVISION OF THE GARRETT CORPORATION
PHOENIX, ARIZONA

The subject aircraft was involved in an incident /
accident on _ rendering it a Constructive Total Loss as
not repairable within its insured value. For further
details refer to insurance claim: 2886591711US.

Signed: *Underwriters Salvage Company*

Date: 11/4/2025

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100

ENGINE LOG

YEAR 99		RECORDING TACH READING		TIME THIS FLIGHT		TIME SINCE MAJOR OVERHAUL		TOTAL TIME SINCE NEW		LOCATION
MO.	DAY	HOURS	MINS.	HOURS	MINS.	HOURS	MINS.	HOURS	MINS.	
1	APR	CNGT 1831.2		Cycles 1734.						
		Clut ter Removed this engine from MJB-60 to 156 48A								
		AD 463806895								
		David Zuley								
This hood closed 7 MAY 99										

ENGINE LOG

[illegible]

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS Mechanic must endorse all inspections and repairs with name, rating and certificate number.
MO.	DAY	
07	23	This engine has been full performance tested and found within all test requirements. Engine released without lockwiring, will be performed by customer PO: 642-00344 PO: 16310   Engine installed on LH side of A/C N95MJ, MU-2B-60, SN 1564 at 1755:36 TAH   FAA approved Repair Station BX5Y760M

[illegible]

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS Mechanic must endorse all inspections and repairs with name, rating and certificate number.
MO.	DAY	
07	20	Disassembled engine and performed hot section inspection in accordance with current, applicable Allied Signal maint. manual report no. 72-00-27 rev. 9. Replaced 1st. stg. T-wheel on 3108164-1 SN 0-03501-10097, TSN 1726, 2 CSN 1702; 2nd stg. T-wheel 3102006-1, SN 1-01345-10605; 3rd. stg. T-wheel 3102655-1 SN 0-01345-19565; Torque Sensors on 3101726-3 Series 2 SN 7-7264C TSO 818; Aft curvic coupling on 3103906-1 SN 88-03501-01114 TSN 818; turbine bearing on 3101092-2 SN 881991419393 TSN 818. Reassembled engine acc. Maint. manual and send for full performance test to HSA Rannheim.
		Nayak Aircraft Service GmbH, Flughafen, Hangar 6, D-51147 Köln FAA Certification BX5Y763 M
		The Engine/Module Accessory or Component Identified above was Overhauled/Repaired or Inspected in accordance with the current Federal Aviation Regulations and is approved for return to service. Full details of the work performed are on file at this repair station and can be referenced to the details entered above.
		Approved Signatory For and behalf of Nayak Aircraft Service GmbH Date: 07-20-1998

[illegible]

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS Mechanic must endorse all inspections and repairs with name, rating and certificate number.
MO.	DAY	
97		
Jul	15	Date: 15.07.97.. Total time: 15.85..... Aircraft registration no. N95MJS..... Performed a visual ^{basic} inspection in accordance with the aircraft manufacturers maintenance manual and found the aircraft to be in an airworthy condition. For information concerning this inspection see file no. <i>NW 3785 Billy K. John ATP/IA 557844107</i>
YERR	98	
05	06	Removed engine from no I position of MU 23-60 SN 1564 reg. no. N95MJ at 1726.2 TC hours, 1702 cycles for hot section inspection <i>S. J. [Signature]</i> HAYAK Aircraft Service GmbH FAA BX5Y769M

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS Mechanic must endorse all inspections and repairs with name, rating and certificate number.
MO.	DAY	
3-28-96		TSN 1457.0 Skywatch oil sample taken and submitted, Fuel Nozzles removed and sent to Tennessee Aircraft for ovhl. Reinstalled and leak checked. Changed oil and drained gearbox and cooler. Serviced with Exxon 7380. Replaced 204 CH31547C Ignitors. Removed starter/generators and replaced brushes P/N 30300-1286 and bearings P/N 03-6010-18BA. Ran in brushes on bench. Removed + Replaced propeller head P/N 4E1889-4. Ran and ops checked engine. No leaks-ops ok. I certify this ENGINE has been inspected J/A/W/A 100 hr Inspection as required by FAR 91.409 F3 and is approved for return to service. By: <u>Ken Sullivan</u> A&P/A 159993D

ENGINE LOG

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
Mechanic must endorse all inspections and repairs with name, rating and certificate number.

YEAR 94

MO.

DAY

08 20

Hobbs 1341.1

Complied with AD 9411-4 Prop Hub Arm Failure. Engine
Run and ops checked. Michael A. Merrill A2P452194157

[illegible]

YEAR	MODEL	MU-2B-60	CORPORATE FLIGHT MANAGEMENT, INC. SMYRNA AIRPORT, HANGAR 625, SMYRNA, TN 37167 (615) 459-8883	DATE	5-19-94
MO.	S/N	L/H Eng. P36404C		WO. #	2210
	REG. NO.	N5PC		HOBBS	1333.8
				Engine TOTAL Time	1329.8

Took Skywatch oil sample. Found AD 93-15-11 Prop Pitch Control Gasket to not apply. Removed Fuel nozzles for clean & flow check see Tennessee Aircraft Company Accessory Maintenance Release tag for details. Reinstalled Fuel nozzles. Replaced 1 ea. Igniter plug. Ran Engine & operational checked good.

I certify this Engine has been Inspected in accordance with a 100 hour Inspection as required by FAR 91.409F3 and is Approved for return to service.

CORPORATE FLIGHT MANAGEMENT INC.
HANGAR 625, SMYRNA, TN 37167

By: Michael A. Nablin

A&P/I.A. 2268659

ENGINE LOG

YEAR		RECORDING TACH READING		TIME THIS FLIGHT		TIME SINCE MAJOR OVERHAUL		TOTAL TIME SINCE NEW		LOCATION
MO.	DAY	HOURS	MINS.	HOURS	MINS.	HOURS	MINS.	HOURS	MINS.	
I certify that this <u>ENGINE</u> has been inspected in accordance with an approved inspection procedure required by FAR 91.409 (f) (3) and approved for return to service. Details pertinent to this inspection are on file under W.O. # <u>52000-1886</u> Hobbs Time <u>1276.2</u> Total Time <u>1276.2</u> Total Time Since Last Inspection <u>86.1</u> Date <u>Nov. 4, 1992</u> Signed <u>[Signature]</u> For <u>Signature</u> FAA Repair Station XXP059L P.O. Box 17276 Int. Airport Nashville, Tennessee 37217 CHECKED AND LUBED STARTER/GEN. SPLINE CHECKED IGNITORS-CLEANED FUEL SCREENS REPLACED OIL FILTER <u>TOOK SKYWATCH SOAP sample. cleaned & tested plenum dur. vs. Complied with AD 92-02-19 (fuel manifold insp.) dur. has Recognized SB A73-0203 Rev. 1 (Rolling diaphragm insp.) found not applicable by FCD SN# 1495893. O/H'd prep device brush block assy. W/ SB 72-0534 (torsion shaft insp.) SB 72-0797 (scav pump insp.) & 72-0533 (oil pump & exhaust insp.) Replaced drive shaft on start/gen (friction ring) SN# 12270.</u> <u>Total Cycles: 1019.</u>										

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS Mechanic must endorse all inspections and repairs with name, rating and certificate number.
MO.	DAY	
		Supplemental log entry for <u>left engine</u> SN# <u>P-36404C</u> on Acft N5PC. Supplements 100 hr. inspection dated 11/5/92 @ TT 1276.2 hrs. Nov. 11, 1992 Complied with Garrett SB's 72-0797 (scav pump body inspection), SB 72-0534 on inspection of torsion shaft/rear scav drive to be 1.545". Due ea access to scav pump. Note: SB 72-0533 has been PCW by the inst. of a -11 scav pump, however the measurement of shaft was c/w also at this time. (3.879") This <u>comp</u> component was repaired & inspected IAW current FAR's & was found ok for return to service with respect only to the work performed. Details on file W.O. # <u>52000-1886</u> Date <u>Nov. 11, 1992</u> Signed <u>[Signature]</u> <u>Signature</u> FLIGHT SUPPORT FAA Repair Station XXP059L P.O. Box 17276 Int. Airport Nashville, Tennessee 37217

YEAR 1990		RECORDING TACH READING		TIME THIS FLIGHT		TIME SINCE MAJOR OVERHAUL		TOTAL TIME SINCE NEW		LOCATION
MO.	DAY	HOURS	MINS.	HOURS	MINS.	HOURS	MINS.	HOURS	MINS.	
OCT	19	TSN: 1192.7, HOBBS: 192.7 - LEBOW CARRIED OUT PER 72-00-27 TO VERIFY TORQUE SYSTEM CALIBRATION. NEW TORQUE DATA ENTERED AND AIRFRAME TORQUE TRANSDUCER ADJUSTED PER NEW DATA. ALL WORK DONE ON FILE D5CR311D.								
"MAINTENANCE RELEASE" The aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of the repair/inspection are on file at this Repair Station under WD # <u>27694</u> Date <u>10-19-90</u> Signed <u>J. J. H. H. H.</u> For National Flight Services, Inc. Toledo Express Airport 10471 E. Airport Service Rd. Swanton, OH 43558 D5CR311D										

[illegible]

ENGINE LOG

YEAR 89		RECORDING TACH READING		TIME THIS FLIGHT		TIME SINCE MAJOR OVERHAUL		TOTAL TIME SINCE NEW		LOCATION
MO.	DAY	HOURS	MIN.	HOURS	MIN.	HOURS	MIN.	HOURS	MIN.	
20	DEC	1091.3	Eng.	1091.3	Cycles: 871					
		C/W 100 HR INSPECTION AND AIR 0178-1								
		Took 1/2 day sample & changed oil filter.								
		Checked plenum drains								
		Date 20 DEC 89								
		I certify that this engine was inspected I/A/W								
		MTR 100 HR inspection program approved under FAR 91.169 (4) and is								
		approved for return to service. Details of repairs are on file under W. O. 1518								
		Total Time 1091.3								
		Signed Mark R. Mayers for								
		INTERCONTINENTAL JET, INC.								
		FAA Repair Station #20758 E22R016								
		Hangar #30								
		Tulsa, Oklahoma								

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS	
MO.	DAY	Mechanic must endorse all inspections and repairs with name, rating and certificate number.	
		I certify that this ENGINE has been inspected in accordance with an approved	
		Manufacturer's 100 HR. inspection procedure required by FAR 91.169 (4) and is	
		approved for return to service. Details pertinent to this inspection are on file under W. O. 14947	
		Hobbs Time 1190.1 Total Time 1190.1	
		Total Time Since Last Inspection 98.8	
		Date 01.9.1990	
		Signed Dan Pope For	
		Van Dusen Airport Services, Ltd.	
		FAA Repair Station RC4R487M	
		P. O. Box 17276 Int. Airport	
		Nashville, Tennessee 37217	
		Cycles total: 938	
		of torsion shaft / rear screw drive to be 1.545". C/W SB A72-0685 by X-Ray	
		insp. of prop gov. SW# 1806520 A. Cleaned & flow tested duplex fuel	
		ND2265. Lubed & inspected TACH/Gen. splines. (ex. screws) Redial Inbd. Evg line	
		Mount	

CHECKED AND LUBED STARTER/GEN. SPLINE
CHECKED IGNITORS-CLEANED FUEL SCREENS
REPLACED OIL FILTER.

Took SKwatch (OSI) SOAP sample. Cleaned
& tested plenum drains. Replaced brushes, bearings
& fan on starter/gen. SW# 11736. C/W AD 89-07-07R1
by replacement of rear screw pump Pin# 865046-3
with modified pump Pin# 865046-11 SW# P-136882
per SB A72-0533. C/W SB 72-0534 by measurement
of torsion shaft / rear screw drive to be 1.545". C/W SB A72-0685 by X-Ray
insp. of prop gov. SW# 1806520 A. Cleaned & flow tested duplex fuel
ND2265. Lubed & inspected TACH/Gen. splines. (ex. screws) Redial Inbd. Evg line
Mount

ENGINE LOG

YEAR		RECORDING TACH READING		TIME THIS FLIGHT		TIME SINCE MAJOR OVERHAUL		TOTAL TIME SINCE NEW		LOCATION	
MO.	DAY	HOURS	MINS.	HOURS	MINS.	HOURS	MINS.	HOURS	MINS.		
MAR	04	1988		- Completed inspection per Garrett TPE331-10-511M Maintenance Manual: all 100 Hour Items.							
		AVIATION GROUP, INC. 7310 HIGHLAND ROAD PONTIAC, MICHIGAN 48054 REPAIR STATION NO. C20-23		- oil Sampled and oil filter removed for S.O.A.P. (Aviation Laboratories, New Orleans, LA).							
DATE	MAR	04	1988	ENGINE	907.5	T.T. OR H.M.	907.5				
PROP T.T.		907.5	AD'S RESEARCHED THROUGH		88-03						
I CERTIFY THAT THIS		ENGINE		HAS BEEN INSPECTED IN							
ACCORDANCE WITH		100 HOUR PERIODIC		INSPECTION AND WAS							
DETERMINED TO BE IN AIRWORTHY CONDITION.		PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION									
UNDER WORK ORDER NO.		13284									
AUTHORIZED SIGNATURE		Eldon C. Barclay III		END							

ENGINE LOG

YEAR		MO.		DAY		DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS	
						Mechanic must endorse all inspections and repairs with name, rating and certificate number.	
						CYCLES SINCE NEW: 799	
						AVIATION GROUP, INC. 7310 HIGHLAND ROAD PONTIAC, MICHIGAN 48054 REPAIR STATION NO. C20-23	
						1. S.O.A.P. SAMPLE TAKEN &	
						INSTALLED NEW OIL FILTER.	
						2. ALL FUEL NOZZLES REPLACED	
						WITH SERVICEABLE UNITS.	
						3. AD 88-10-10 2ND. STAGE TURBINE	
						ROTOR. COMPLIANCE DUE AT 4800	
						CYCLES AT WHICH TIME 2ND. STAGE TURBINE Rotor MUST BE REMOVED	
						FROM SERVICE. — END —	

ENGINE LOG

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
Mechanic must endorse all inspections and repairs with name, rating and certificate number.

YEAR

MO.

DAY

I certify that this ENGINE
has been inspected in accordance with an approved
procedure required by FAR 91.169 (4) and is
approved for return to service. Details pertinent to
this inspection are on file under W.O. 8753

Hobbs Time 804.7 Total Time 804.7
Total Time Since Last Inspection 70.1
Date 9/29/87

Signed Alan Low For
Tennessee Jet Corp
FAA Repair Station 762-10
P. O. Box 17010 Metro Airport
Nashville, Tennessee 37217
Total Cycles: 651

CHECKED AND LUBED STARTER/GEN. SPLINE
CHECKED IGNITORS-CLEANED FUEL SCREENS
REPLACED OIL FILTER.

TOOK Aviation Labs SOAP sample. Replaced
brushes & bearings on STARTER/Gen. SW# 12270.
Cleaned & tested planar drums. Cleaned & flow
tested duplex fuel nozzles. C/w 400hr. Track
Gen-spline lub & insp.

ENGINE LOG

YEAR

MO.

DAY

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
Mechanic must endorse all inspections and repairs with name, rating and certificate number.

I certify that this ENGINE
has been inspected in accordance with an approved
Manual 100A inspection
procedure required by FAR 91.169f(4) and is
approved for return to service. Details pertinent to
this inspection are on file under W.O. 7893
Hobbs Time 714.6 Total Time 714.6
Total Time Since Last Inspection 106.6
Date MAR. 12, 1987

CHECKED AND LUBED STARTER/GEN. SPLINE
CHECKED IGNITORS-CLEANED FUEL SCREENS
REPLACED OIL FILTER.

Took OSI SOAP sample. Cleaned & tested
drain valves. Changed engine oil. (EXXON 2380.)
Dressed prop & painted tips.

Signed R. Pool For
Tennessee Jet Corp
FAA Repair Station 762-10
P. O. Box 17010 Metro Airport
Nashville, Tennessee 37217

Total Cycles: 571

ENGINE LOG

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

Mechanic must endorse all inspections and repairs with name, rating and certificate number.

YEAR

MO.

DAY

I certify that this engine
has been inspected in accordance with an approved
Manufacturer's 100F 200 Hour inspection
procedure required by FAR 91. 169f (4) and is
approved to return to service. Details pertinent to
to this inspection are on file under W.O. 7K37

Hobbs Time 608.0 Total Time 608.0

Total Time Since Last Inspection 104.7

Date 24 October 1986

Signed Phillip E. Daulton For

Tennessee Jet Corp.
FAA Repair Station 762-10

P. O. Box 17010 Metro Airport
Nashville, Tennessee 37217

Cycles: 501

CHECKED AND LUBED STARTER/GEN. SPLINE
CHECKED IGNITORS CLEANED FUEL SCREENS
REPLACED OIL FILTER.

OSI oil sample taken. No action due on AD 86-12-02
Lil hot section access. Cleaned and tested plenum drain
valves. Cleaned and flow tested all (10) duplex fuel
nozzles. Retorqued gear seal pump nuts. Ran
and leak checked engine.

— end —

ENGINE LOG

YEAR

MO.

DAY

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

Mechanic must endorse all inspections and repairs with name, rating and certificate number.

I certify that this ENGINE
has been inspected in accordance with an approved
Manual 100 & 500 hr. inspection
procedure required by FAR 91.169(f) and is
approved for return to service. Details pertinent to
this inspection are on file under W.O. 7006
Hobbs Time 503.3 Total Time 503.3
Total Time Since Last Inspection 100.6
Date 5/16/86

CHECKED AND LUBED STARTER/GEN. SPLINE
CHECKED IGNITORS-CLEANED FUEL SCREENS
REPLACED OIL FILTER.

TOOK OST SOAP sample. Cleaned & tested
plenum drains. Cleaned & flow tested duplex
fuel nozzles. Replaced red pins on XMAS
tree to PPC & FCC. Replaced loose ignition
lead. Replaced fuel filter cap.

Signed [Signature] For
Tennessee Jet Corp.
FAA Repair Station 762-10
P. O. Box 17010 Metro Airport
Nashville, Tennessee 37217

Cycles: 408

6-
6-21-86

Hour meter 510.9 Cycles 422 Performed oil sample as per

A.D. 86-12-02, Removed Prop M/N HC-84TN-50L/LT102822-5.3R S/N CD1450
Installed Prop s/N CD1345 From R/H Eng.
Performed Prop Balance Initial .15 lbs. Final .05 lbs.

Charles W. [Signature] for
Garrett General Aviation Services Co.
Repair Station 3760 Springfield, IL

ENGINE LOG

YEAR

MO.

DAY

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
Mechanic must endorse all inspections and repairs with name, rating and certificate number.

I certify that this Engine
has been inspected in accordance with an approved
Manufacturer's 100,200 & 400 HR inspection
procedure required by FAA 31.159 (4) and is
approved for return to service. Details pertinent to
this inspection are on file under W.O. 6654
Hobbs Time 402.7 Total Time 402.7
Total Time Since Last Inspection 98.3
Date 12/28/85

CHECKED AND OIL SAMPLED
CHECKED IGNITORS & FUEL SYSTEMS
REPLACED OIL FILTER

Took OSI oil samples. Cleaned and flow tested all (10)
duplex fuel nozzles. Cleaned and tested plenum drain
valves. Inspected & lubricated tach generator spline. Replaced
brushes, bearings and end support on starter generator, sn
12270. Adjusted torque indication.

Signed Phillip E. Saulston For
Tennessee Jet Corp.
FAA Repair Station 762-10
P. O. Box 17010 Metro Airport
Nashville, Tennessee 37217

Cycles to date: 343

YEAR		RECORDING TACH READING	TIME THIS FLIGHT	TIME SINCE MAJOR OVERHAUL	TOTAL TIME SINCE NEW	LOCATION
MO.	DAY	RETURN TO SERVICE	MAKE <u>Mitsubishi</u> N# <u>496MA</u>	#1ENG.T.T. _____	CYS. _____	
		LOGBOOK ENTRY	MODEL <u>MU-2-60</u> T.T. _____	#2ENG.T.T. _____	CYS. _____	
			LDS. _____ H.M. <u>377.3</u>			
		AIRFRAME				
		1. Checked governor pitch control and associated systems. Disassembled gear box to gain access to balance of system, no leaks noted. Replaced check valve part number 771-590-9001 under governor. Reset NTS trip torque to 35 inch lbs. Reassembled gear box. Functional check ok. Requires S.O.A.P. next 10 hours.				
		2. Removed engine serial number P36404 from left side of 496MA for repairs. Reinstalled after repairs, leak checked and NTS start ok.				
		3. Accomplished Lebow run on P36404 and adjust torque transducer as required in Garrett Turbine Engine Company Service Data, new low pressure 250 ft. lb., 21.5 PSI, 2360 ft. lb. =45.5 PSI.				
		N.T.S. FLIGHT CHECK REQUIRED BEFORE RETURN TO SERVICE.				
		WORK ORDER # <u>80911</u> DATE <u>10-15-83</u> SIGNED <u>Robert A. Hestel</u> FOR CRS# 3240 KAL-AERO, INC., KALAMAZOO COUNTY AIRPORT, KALAMAZOO, MICHIGAN 49002				

[illegible]

ENGINE LOG

YEAR 85		RECORDING TACH READING		TIME THIS FLIGHT		TIME SINCE MAJOR OVERHAUL		TOTAL TIME SINCE NEW		LOCATION
MO.	DAY	HOURS	MINS.	HOURS	MINS.	HOURS	MINS.	HOURS	MINS.	
4	8	RE-INSTALLED & OPERATIONALLY CHECKED								
		I certify that this ^{ENGINE} aircraft has been inspected in accordance with the instructions and procedures for an inspection program required by FAR 91.169 (f) (B-4) and was determined to be in airworthy condition.								
		Inspection No. (100HR, 300HR ^{START}) completed.								
		^{ENGINE} Aircraft time in service 304.1								
		JET EAST INC.								
		7363 CEDAR SPRINGS								
		DALLAS, TEXAS								
		FAA certified repair station # 202-102 Dallas, Texas								
		By <u>Matthew Kennedy</u> Date <u>4-8-85</u>								
6-28-85	TT	304.4								
		OIL SAMPLE TAKEN. FILTER CHANGED								
		STARTER GENERATOR SPLINES LUBRICATED								
		ONE QUART OF 2380 ADDED. ENGINE								

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS Mechanic must endorse all inspections and repairs with name, rating and certificate number.
MO.	DAY	
		RUN & LEAK CK SATISFACTORY ^{POWERPLANT} I certify that this aircraft has been inspected in accordance with the instructions and procedures for an inspection program required by FAR 91.169 (f) (B-4) and was determined to be in airworthy condition.
		Inspection No. (100HR) completed.
		Aircraft time in service 304.4
		JET EAST INC.
		7363 CEDAR SPRINGS
		DALLAS, TEXAS
		FAA certified repair station # 202-102 Dallas, Texas
		By <u>Matthew Kennedy</u> Date <u>6-28-85</u>

ENGINE LOG

YEAR 84

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
Mechanic must endorse all inspections and repairs with name, rating and certificate number.

MO. DAY

10 24

Complied with AD 84-10-06 and 39-4867 para.(a) by
checking fuel pump running torque. Running torque
checked less than 18 in lbs. no further action required.
Fuel pump reinstalled on engine.

T.T. 122.3

MITSUBISHI AIRCRAFT INTERNATIONAL

Houston, Texas

Frank A. Baker CRS 205-68

4 885 T.T. 204.1

OIL SAMPLE TAKEN, FILTER CHANGED &
STARTER GENERATOR SPLINES LUBRICATED
FUEL NOZZLE ASSEMBLIES REMOVED
SENT TO AIR RESEARCH HOUSTON FOR
SERVICEABILITY CHECKS RETURNED (CONT →

ENGINE LOG

YEAR <u>84</u>		RECORDING TACH READING		TIME THIS FLIGHT		TIME SINCE MAJOR OVERHAUL		TOTAL TIME SINCE NEW		LOCATION
MO.	DAY	HOURS	MINS.	HOURS	MINS.	HOURS	MINS.	HOURS	MINS.	
<u>10</u>	<u>24</u>	<u>Pulled soap sample, changed oil filter.</u> <u>Lubricated starter generator splines and</u> <u>inspected brushes.</u> I certify this <u>engine</u> has been inspected in accordance with a <u>100</u> <u>hour</u> inspection under FAR 91.169 and approved for return to service. Details on file under W/O <u>1564-787</u> Hour Meter <u>122.3</u> T.T. <u>122.3</u>. Signed <u>Frank A. Baker</u> For, MITSUBISHI AIRCRAFT INTERNATIONAL Houston, Texas FAA APPROVED REPAIR STATION 205-68								

ENGINE LOG

YEAR
MO. DAY

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
Mechanic must endorse all inspections and repairs with name, rating and certificate number.

JUN 03 1983

3102180-2 SERIES 17 CHG NONE

ENGINE RETURNED FOR CONVERSION PER S/B 72-0389

CONVERTED FROM -10-501M TO -10-511M

Jim B. Hernandez 
GARRETT TURB. (ENG. CO.)

ENG SERVICED WITH OIL EXXON 2380 TYPE II MIL-L-23699

MITSUBISHI AIRCRAFT INTERNATIONAL
SAN ANGELO, TEXAS

D. Lee

11-22-83

Hourmeter 4.0 Total Engine Time 4.0

Number of cycles as of this date are 4

MITSUBISHI - AIRCRAFT

David J. Spence 11/22/83

7-11-84

Hour Meter Time 80.1 Total Time 80.1

C/W AD 84-12-04 Bleed Air Anti Ice System AND S/B 047/30001

Bleed Air Anti-ice System. *Robert K. Davis* R/S 207-4

MITSUBISHI AIRCRAFT INTERNATIONAL
SAN ANGELO, TEXAS

ENGINE LOG

[illegible]

ENGINE DATA

Model No. TPE 331-10-511M Serial No. P-36404C

Takeoff Rating 940 HP @ 1591 Prop RPM (100 %)

Max. Continuous Rating 900 HP @ 1591 Prop RPM (100 %)

Oil Grade SEE FLIGHT MANUAL Oil Press. SEE FLIGHT MANUAL Max. Oil Temp. SEE FLIGHT MANUAL

Fuel SEE FLIGHT MANUAL

Max. Turbine Discharge Temp. (TDT) 1049 °F (565 °C)

PROPELLER DATA

Manufacturer HARTZELL Model No. HC-B4TN-5.3R/102828-5.3R

Serial No. CD 1545

Owner's Name _____

City _____

Address _____