

The subject aircraft was involved in an incident /
accident on 3/14/2025 rendering it a Constructive
Total Loss as not repairable within its insured value.
For further details refer to insurance claim:
1344036235US.

Signed: ***Underwriters Salvage Company***

Date: **5/27/2025**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100
Atlanta, GA 30326

ENGINE ☐MODULE ☐

SERIAL NUMBER _____

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

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

DATE

Date: 05/22/2022

Tach Time: 5781.4

TSOH: 456.0

Total Time:

10998.5

Preformed 100hr. inspection IAW Far 43 Appendix D and Garret TPE331-6 Manual. Cleaned fire wall filter, checked engine controls for security and function, checked fuel and oil lines for wear, leaks and security. Flow tested fuel nozzles ran tested for leaks good. Changed engine oil and filter as per costumer preformed SOAP test see results in aircraft logs. I certify this engine has been inspected IAW 100hr inspection and is found to be in airworthy condition return to service.

Scott Harbour A&P 3016912 IA _____

Date: 05/09/2023

Tach: 5782.5

TSOH: 456.6

Total Time: 10999.1

Preformed 100hr. inspection IAW Far 43 Appendix D and Honeywell Maintenance Manual. Cleaned firewall filter checked all fuel lines and oil lines for security and wear, checked all engine controls for security and function. Replaced starter generator with overhauled unit PN# 23046-007 see 8130 in aircraft logs. Checked and complied with all AD's see aircraft logs. I certify this engine has been inspected IAW 100hr inspection found to be in airworthy condition return to service.

Scott Harbour A&P 3016912IA _____

Date: 10/02/2024

Tach Time: 5863.3

TSMOH: 537.9

Total time 1108.4

Preformed 100hr. inspection IAW Far 43 Appendix D and Honeywell Maintenance Manual. Cleaned fire wall filter, replaced fuel filter P/N 038493-12 checked all fuel and oil lines for wear and security. Checked engine controls for security and function. Removed and replaced adapter splined P/N 3103828-1 in starter. Run tested engine for leaks and function. Complied with all AD's see aircraft logs. I certify this engine has been inspected IAW 100hr. inspection and found to be in airworthy condition at this time return to service.

Scott Harbour A&P 3016912 IA _____

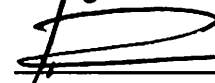
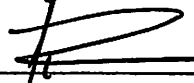
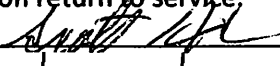
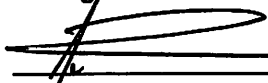
THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

ENGINE ☐
MODULE ☐
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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	
							TOTALS BROUGHT FORWARD
							April 25, 2017
							N3291V-Serial #G6-120 has recorded 110 Cycles
							on Engine TPE-331-6-252M Serial #P-27105
							
							Jon Eason, Pilot 519746034
							December 31, 2018
							N3291V-Serial #G6-120 has recorded 364 Cycles
							on Engine TPE331-6-252M Serial #P-21105
							
							Jon Eason, Chief Pilot Cert: 519746034
Date 05/28/2021 Tach Time: 5689.4 TSOH: 364.0 Total Time: 10906.5							
Preformed 100hr. inspection IAW Far 43 Appendix D and Garret TPE331-6 Maintenance Manual.							
Replaced fuel filter, drained oil replaced oil filter serviced with 6qts. BP 2380 cleaned fire wall filter,							
checked engine controls for security and lubrication, checked oil and fuel lines for wear or damage,							
complied with all AD's see aircraft log books. I certify this engine has been inspected IAW 100hr.							
inspection found to be in airworthy condition return to service.							
Scott Harbour A&P 3016912IA 							
December 01, 2021							
N3291V has recorded 455 Cycles							
on Engine TPE331-6-252M Serial #P-27105							
							
Jon Eason, Chief Pilot Cert: 519746034							
							TOTALS TO DATE

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DATE

**HSI TURBINES, INC.**

Specializing in Ag-Aircraft maintenance

01/04/2017 Garret TPE 331-6-252M S/N:P27105 Hobbs:5320.4 ETT:10,641.5

Complied with a 100hr inspection IAW Garret TPE331-6 Maintenance manual. Bled fuel system. Visually inspected all fuel and oil lines firewall forward for damage, wear, leaks, chaffing and security. Inspected aircraft batteries. Drained engine oil and erved engine with 06 quarts of BP 2380 Turbo Oil. Inspected control linkages firewall forward for proper operation and lubricated as required. Run up engine and leak checked, OK.

AD Report

AD 2006-14-03 Flight cycle Counting

Cycle count data recorded & complied with by Pilot & owner operator.

AD 2016-18-17 2nd stage compressor impellerDue at next 2nd stage impeller removal or 11,500 cycles.

AD 2016-21-07 FCU replacement

N/A by P/N

I certify that this engine has been inspected in Accordance With a 100 hr inspection and was determined to be in an Airworthy condition. Richard W. Harvey **A&P30619081A**

Richard W. Harvey

N3291V Garrett TPE331-6-252M S/N P27105 Cycles Total time -10646.5 Hobbs: 5325.4 3-11-2018

1. Inspected engine IAW Garret maintenance manual

2. Greased FCU linkage

3. Inspected engine installation as component of annual on N3291V. See annual logbook entry in airframe logbook.

Thomas, Jacob Hefner

A&P35898511A

End-----

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
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SERIAL NUMBER P27105

SERVICE RECORD

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DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
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[illegible]

FOR ACCOMPLISHED/ADDRESSED SERVICE BULLETINS SEE APPLICABLE SECTION IN LOGBOOK:

ACCOMPLISHED / ADDRESSED THE FOLLOWING AIRWORTHINESS DIRECTIVES:

- **AD 2006-15-08** FCU Splines **DOES NOT APPLY** to FCU P/N 897800-8 S/N 1448024 per **SB A73-0262 R3**.
- **AD 2006-14-03** Flight Cycle Counting, Calculated and entered in this log entry.
- **AD 2011-18-51** R1 Main Shaft bearing, N/A due to P/N
-

ACCOMPLISHED THE FOLLOWING CHECKS / TESTS I.A.W. HONEYWELL M.M. 72-01-32 REV.5

- Indicated Torque Output Check (LEBOW), revised D.S.C. Sheet, new data entered in this log

This Engine is Configured for 4,000 hour operation IAW 72-0823 R3

- Engine DUE 25 Hours Resample due to gearbox entry
- Engine is due NTS flight test before final approval for return to service.

19-Sep-2013 . I certify that this **ENGINE** was inspected I/AW Honeywell Inspection program approved under FAR 91.409 (f) (3) and is approved for return to service.

Details of repairs are on file with this Repair Station under **W/O 1747**

Signed Wendy S. Andlauer for INTERCONTINENTAL JET SERVICE CORP
FAA Repair Station # IZ2R916K Hangar 27 Tulsa, OK.

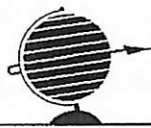
ENGINE IS DUE N.T.S. SYSTEM CHECK BY FLIGHT CHECK

N.T.S. System Check by Flight Check was conducted I.A.W. all applicable documents and found to be within satisfactory limits. This test constitutes final approval for return to service for this engine.

Engine S/N P-27105 Date

Signature and Certificate Number

Please Notify Intercontinental Jet Service Corporation of the results of the NTS Flight Check
Phone: 800-349-6827 Fax: 918-834-1751



INTERCONTINENTAL JET SERVICE CORP

Engine Model	TPE331-6-252M		Serial N°	P27105
T.S.N.	10,542.5	C.S.N.	7,264	

ACCOMPLISHED THE FOLLOWING INSPECTIONS I.A.W. HONEYWELL M.M. 72-01-32 REV.5:

- Hot Section
- Gearbox
- Involute sun and planet inspection
- Compressor Section Inspection
- CAM Inspection
- 100 hr, 150 hr, 400 hr, 600 hr, and 1 year
- C/W 900 hour Oil change, Serviced with BP2380
- 3600 hour, FCU/FP integrity inspection
- 3600 hour, FCU/FP spline inspection
- Inspected and lubed Tach Gen splines
- C/W SOAP, results are normal.

INSTALLED THE FOLLOWING PARTS:

- New 1st Wheel P/N 867569-7 S/N 11-156101-04430, 2nd Wheel P/N 868272-1 S/N 12-156101-04032, Turbine roller bearing P/N 3101092-1 S/N 08-19914-15301, Compressor Bearing P/N 3101405-1 S/N 13-151725-02709, Liner P/N 3101408-5 S/N 071966200305, Bearing Retainer P/N 3103969-1, Grommet P/N 51282-1, Temp Sensor P/N 897529-4 S/N 1315027700145, (qty 6) Shrouds P/N 3103127-1, 2nd Stator P/N 894528-15 S/N 12-156101-07686, 1st Stator P/N 896450-5 S/N 12-156101-03117, Seal Kit P/N 658530-1, Igniter P/N CH31547C, Ring Seal P/N 3101874-1, Nut P/N 3101064-1, Washer P/N 3103412-2, Shaft P/N 3103192-3, Adaptor P/N 3103828-1, Spring P/N 3102049-2, Shaft P/N 3102028-2 S/N 13P56622, Tube P/N 3103933-1, Retaining ring P/N 626-537-9006, Check valve P/N 771-590-9001, Bearing P/N 358894-1 S/N MS13-151725-00188, Bearing P/N 358272 S/N 12-162255-13246, Bearing P/N 358348 S/N 09-06331-10064, Seal Kit P/N 3107051-5, Seal P/N 3103872-1, (qty 5) Seal disks P/N 867681-5, Gasket P/N 3108303-1,
- Overhauled Outer Transition Liner P/N 893970-5 S/N 3P-6007, Combustion Liner P/N 3101755-3 S/N 924, Oil scavenge pump assembly P/N 3101320-1 S/N 7-19318-693, Diffuser P/N 893384-1, Torque Sensor P/N 3101726-2 S/N 7P-11089R, Planetary gear P/N 358268-1 S/N 92-19914-18884, Prop Pitch Control P/N 70000295-13 S/N P-113658, Fuel Control P/N 897800-8 S/N 1448024, Fuel Shutoff Valve P/N 394230-9-1 S/N P-7210, Fuel Nozzles, Fuel Pump P/N 897400-5 S/N 13NF2204, Propeller Governor P/N 893615-4 S/N 1102804
- Repaired 3rd Stator P/N 3105315-1 S/N 4-01345-1537 (TSN 5434.2 CSN 5049), Output Gearbox Housing P/N 3101783-1 S/N 7-08169-325, Accessory Gearbox Housing P/N 896855-18 S/N 0-08224-272, Intermediate Gearbox Housing P/N 896648-19 S/N 2P-9667, Compressor Housing P/N 893383-1 S/N 4P-13605,
- Inspected Gear P/N 896808-1, Sun Gear P/N 3101068-1 S/N 3P-6733, Planetary Gear P/N 896439-1 S/N 2-09044-2795, Planetary Gear P/N 896439-1 S/N 2-09044-2799, Planetary Gear P/N 896439-1 S/N 2-09044-2801
- Continued Time 3rd Wheel P/N 868630-9 S/N 020134507487 (CSN 1556 TSN 1376.8)

ENGINE DATA

MODEL NO. TPE 331-6-252m SERIAL NO. P 27105 TOTAL ENGINE WEIGHT 395 LBS
TAKEOFF RATING 715 HP@ 2000 RPM (100 %)
MAXIMUM CONTINUOUS RATING 715 HP@ 2000 RPM (100 %)
OIL GRADE SEE FLIGHT MANUAL OIL PRESSURE SEE FLIGHT MANUAL MAXIMUM OIL TEMP SEE FLIGHT MANUAL
FUEL SEE FLIGHT MANUAL MAXIMUM TURBINE DISCHARGE TEMPERATURE (TDT) 1049 °F (565 °C)

PROPELLER DATA

MANUFACTURER _____
MODEL NUMBER _____ SERIAL NUMBER _____

OWNER DATA

OWNER'S NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____