

The subject aircraft was involved in an incident / accident on 5/15/23 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim:

118439526245

Signed Christy Stanton

Date 10/10/23

AIG Aerospace Adjustment Services, Inc.

3500 Lenox Road, Suite 1100

Atlanta, GA. 30326

Cycle's for N447AT with P22003 super-5 engine

5-11-20 @ 7863 to 9-28-20 @ 8212 = 349 hrs
2020 ANNUAL 100 STARTS
1255 FLIGHTS

9-28-20 @ 8212 to 2-28-22 @ 8640 = 428 hrs
2022 ANNUAL 127 STARTS
1809 FLIGHTS

2-28-22 @ 8640 to 4-25-23 @ 8933 = 293 hrs
2023 ANNUAL 79 STARTS
859 FLIGHTS

Hobbs 9001.1

Per Lionel @

Johnston Aircraft

@ Remeral

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	DESCRIPTION
10-10-2022	Hobbs 8839, Total 7291.6 SMOH 976
	100hr Service. Fuel & Oil Filters Replaced, Fuel Screens cleaned, Chip Plug cleaned & tested
	Starter Gen Brush Assy cleaned. Splines Lubed, Performed S.O.A.P. INSTALL used serviceable
	Fuel Pump Filter CAP P.N. 869183-6, clean & test ignitors, clean and inspect impeller
	section and Aft Turbin wheel Assy solvent wash engine, Lube controls TEST Run Performed
	OK this DATE
	VERIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100hr SERVICE INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION <i>[Signature]</i> A+P556335235
2023	DATE 10-10-22 TOTAL TIME 7291.6 A+P/A 556335235
4/25	Hobbs 8933 Total 7385.6 SMOH 1070
	Drain Fuel sumps, clean Fuel Screens, Replaced Fuel Filter, TEST Fuel system for ops.
	Changed Oil with GOR B72380, Replaced Oil Filter, clean Chip Plug and TEST for ops.
	Performed SOAP, Lube Starter Drive Splines, Blow out Brush Assy, Lube Tech Gen Drive
	clean & test ignitors for ops, clean ^{1st str} ignitors Impeller Assy and induction section
	inspect Aft Turbin wheel and exhaust section, solvent wash engine, Lube
	engine controls. TEST Run Performed OK this DATE <i>[Signature]</i>
	293hrs, 79 STARTS, 859 FLIGHTS From 2-28-22 to 4-25-23 A+P556335235

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.

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DATE	
6-13-21	Hobbs 8534 Total 6986.6 SMOH 671
	Replaced Fuel Filters, Clean Fuel Screens, Performed S.O.A.P. Replaced Oil Filter
	Changed Oil with 6 QT 8P2380 Clean and Test Chip Light/Plug Assy. Clean and
	Test Igniters for ops. Replaced Ignitor Lead P.N. 369876-8 with Good used Serviceable Part
	Lube Starter Drive Splines and Blaw at Brush Assy. Lube Tach Drive Assy. Clean Impeller
	and inspect Aft Turbin Wheel Assy. Solvent Wash engine, Lube controls TEST Run Performed ok
This DATE	CERTIFY THAT THIS engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100hr INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION DATE 6/13/21 TOTAL TIME 6986.6 APP/A 556335234 J. B. APP/A 556335235
2/28/22	Hobbs 8640 Total 7092.6 SMOH 777
	Replaced Fuel Filters, Clean Fuel Screens Drain Fuel Sumps, Replaced SPR Valve with
	Good used Serviceable Part. TEST Fuel System for ops. Performed S.O.A.P. Oil Filter
	Replaced, Chip Plug cleaned and tested for ops. Removed Starter for Lube at
	Drive Splines and Blaw out Brush Assy. Clean and Test Igniters, Clean and inspect
	1st STG. Impeller and nose section, inspect Aft Turbin Wheel Assy and Exhaust Tail
	Cone Assy. Removed Tach Gen and Lube Drive Assy. Solvent Wash engine, Lube engine, controls and TEST ops. and Rigging. TEST Run Performed ok this DATE. J. B. APP/A 556335235

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DATE	9-28-2020 Hobbs 8212 TOTAL 6664 ^o SMOH 349 SHSI 349
	Replaced Fuel Filters, Clean Fuel Screens Clean Chip Plug and TEST LIGHT
	Replaced Oil Filter, SOAP, Clean + TEST Igniters, Blow out START/Gen
	Brush Assy, INSPECT Drive Splines + Lube AS NEEDED Clean 1 st STG COMPRESSOR
	SECTION and inspect, INSPECT Abt Turbin Wheel Assy, And EXHAUST DUCT, Lube Drive
	on TACH Gen Assy, Lube engine controls, WASH engine, TEST Run Performed
	OK THIS DATE
	<i>J. P. [Signature]</i>
	AIP 556335235
	<p>CERTIFY THAT THIS <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>CONV</u> INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION</p>
	<p>DATE <u>9/28/20</u> TOTAL TIME <u>6664</u> AIP #A 556335235</p>
	<p>CERTIFY THAT THIS <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>CONV</u> INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION</p>
	<p>DATE <u>4/10/21</u> TOTAL TIME <u>6765</u> AIP #A 556335235</p>
4/16/21	changed oil, changed oil filter, SOAP, Fuel Screens cleaned, Fuel Filters Replaced, Chip Plug
Hobbs 8313	CLEANED AND TESTED, Lube Drive Splines on START/Gen + TACH Gen, Test Igniters & COPS
TOTAL 6765	CLEAN + INSPECT NOSE SECTION AND 1 st STG COMPRESSOR, WASH engine, TEST Run Performed
SMOH 450	OK THIS DATE Lube engine controls

J. P. [Signature]
AIP 556335235

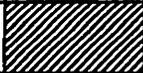
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DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
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DATE	HOURS THIS FLIGHT	CYCLES THIS FLIGHT	ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED
			HOURS		CYCLES		
			SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H	
2020 6/24							TOTALS BROUGHT FORWARD
	Hobbs	8096	6548	233			<p>Changed oil with GQT BP2380, Replaced oil filter. SOAP, clean chip plug and test light. Replaced fuel filters, clean fuel screens, removed starter for inspection and cleaning. Clean, inspect and test levers. Lube engine controls and check rigging. Wash engine, test run performed on this date. Replaced fuel nozzles with O/H parts</p> <p style="text-align: right;"><i>J. B.</i> AIP 55335235</p>
							<p>VERIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN CONTROL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION</p> <p>DATE 6/24/20 TOTAL TIME 6548 AIP/A 556335235</p> <p style="text-align: right;"><i>J. B.</i></p>
							TOTALS TO DATE

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SERVICE RECORD

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DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

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

DATE	
	<p>5-11-2020 Hobbs 7863 TOTAL 6315.6; SMOK OO. ST/SI O.O cyc 4003</p> <p>This engine installed on N1447AT Thrush SAR G-6-103 install New Fuel And oic Hose As Needed, new engine mounting hardware</p> <p>Serviced engine with BP2380 Turbo Oil, Rig engine controls. Test Run Performed ok this DATE</p> <p style="text-align: center;">CERTIFY THAT THIS engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN ICAI/ICR/ICR/INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION</p> <p style="text-align: center;">DATE 5/11/20 TOTAL TIME 6315.6 A&P/IA 556335234 <i>J. B. J.</i></p>
2020 6/1	<p>Hobbs 7991 TOTAL 6443.6</p> <p>Replaced Fuel Filters, Clean Fuel screens, Replaced oic filter, Removed STARTER for inspection and cleaning, Lube Drive Spines, Clean CHIP Plug And TEST for OPS. Check ignitors for OPS. Lube engine controls And Check Rigging. Performed SOAP, wash engine And TEST Run Performed ok this DATE</p> <p style="text-align: center;">CERTIFY THAT THIS engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN ICAI/ICR/ICR/INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION</p> <p style="text-align: center;">DATE 6/1/20 TOTAL TIME 6443.6 A&P/IA 556335234 <i>J. B. J.</i></p>

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DATE	HOURS THIS FLIGHT		CYCLES THIS FLIGHT		ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED				
	HOURS	SINCE NEW	CYCLES	SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H	CYCLES					
										SINCE O/H	SINCE NEW	SINCE O/H	
									Master Part #	Master Part Description	QTY	*Condition	*Serial Number
									3104575-3	OILJET	1	INSPECTED	NSN
									3104575-1	OILJET	1	INSPECTED	NSN
									866944-1	OILJET	1	INSPECTED	NSN
									893734-1	OILJET	1	INSPECTED	NSN
									893730-1	OILJET	1	INSPECTED	NSN
									867894-1	OILJET	1	INSPECTED	NSN
									867165-19	OIL PUMP	1	INSPECTED	NSN
									358676-1	PLANETARY GEAR	3	INSPECTED	2-09044-1415, 2-09044-1395, 2-09044-1406
									358676-1	PLANETARY GEAR	1	INSPECTED	83-09044-501
									3101668-11	PLENUM	1	INSPECTED	NSN
									869647-5	PPC SLEEVE	1	OVERHAULED	3177
									867883-1	PROP GOV DRIVE GEAR	1	INSPECTED	NSN
									897751-2	PROP GOVERNOR	1	OVERHAULED	P-1601
									3102061-1	REAR ENGINE MOUNT	1	INSPECTED	NSN
									896165-1	RETAINER	3	INSPECTED	NSN
									896166-1	RETAINING PLATE	3	INSPECTED	NSN
									896745-1	RING GEAR SUPPORT	1	INSPECTED	NSN
									3102484-1	SEAL PLATE	1	INSPECTED	7-18040-3128
									894124-2	SHAFT	1	OVERHAULED	NSN
									3101829-2	SHROUD	1	INSPECTED	NSN
									3103128-3	SHROUD SEG	1	NEW	NSN
									3103128-3	SHROUD SEG	11	INSPECTED	NSN
									896807-5	SPUR GEARSHAFT	1	INSPECTED	NSN
									3102365-2	STATOR HOUSING	1	OVERHAULED	66-WNR
									3101525-2	STATOR SUPPORT	1	INSPECTED	NSN
									3101513-17	STATOR, 2ND	1	REPAIRED	10-156101-09057
									3101515-6	STATOR, 3RD	1	INSPECTED	08-01345-01105
									3107037-1	SUN/BULL GEAR ASSY	1	OVERHAULED	2P-37444
									3101726-3	TORQUE SENSOR	1	OVERHAULED	P-3260C
									3101758-6	TORSION SHAFT	1	NEW	18P99503
									3101529-3	TURBINE SUPPORT	1	INSPECTED	NSN
									3108164-2	TURBINE WHEEL, 1ST	1	OVERHAULED	010322900561
									3102106-10	TURBINE WHEEL, 2ND	1	OVERHAULED	14-156101-03692
									3102655-2	TURBINE WHEEL, 3RD	1	INSPECTED	980134502883
									893384-1	VANE RING	1	INSPECTED	NSN
									TOT		100		
									END				

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SERVICE RECORD

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

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Ag Air Turbines, Inc. 2245 Airport Rd Midvale, Idaho 83645 (208) 229-8340

Date
SEP-18-2019

Engine Model TPE331-5-511C Engine Serial # P-22003 HOBBS 1444

Traceability Parts List

Master Part #	Master Part Description	QTY	*Condition	*Serial Number
3103906-1	AFT CURVIC	1	OVERHAULED	060350102704
358206	BEARING	2	NEW	13-162255-08054, 13-162255-07993
358348	BEARING	1	NEW	17-162111-12517
3108098-1	BEARING	1	NEW	18-162111-07862
895475-14	CAM ASSY	1	INSPECTED	NSN
3107053-1	COMBUSTION CHAMBER	1	INSPECTED	NSN
897476-8	COMPENSATING RESISTER	1	OVERHAULED	94-13097-344
3101405-1	COMPRESSOR BEARING	1	NEW	18-151725-10132
3102022-4	COMPRESSOR HOUSING	1	OVERHAULED	0P22658
3107051-5	COMPRESSOR SEAL KIT	1	NEW	19P31126
894119-1	COUPLING	1	INSPECTED	NSN
3107092-1	COUPLING	1	OVERHAULED	0P-45907
3102173-2	DE-SWIRL VANE	1	INSPECTED	NSN
3103496-3	DIFFUSER ASSY	1	INSPECTED	05462-9101
3107000-1	DUAL TACH DRIVE	1	OVERHAULED	NSN
3103235-9	DUPLEX FUEL NOZZLE	1	OVERHAULED	NSN
3103920-1	EGT HARNESS	1	INSPECTED	12150277
394408-8-1	FLOW DIVIDER	1	OVERHAULED	P-3025C
897770-26	FUEL CONTROL UNIT	1	REPAIRED	1451756
FUEL NOZZLE SET, DUPLEX	FUEL NOZZLE SET, DUPLEX	1	OVERHAULED	NSN
394230-9-1	FUEL SHUT OFF VALVE	1	OVERHAULED	8738
3101836-19	GEARBOX	1	REPAIRED	4-08169-667
3103192-3	GEARSHAFT	1	NEW	NSN
867886-1	GEARSHAFT	1	INSPECTED	NSN
3101320-1	HOUSING, SCAVENGE PUMP	1	INSPECTED	NSN
895900-2 895891-1	HYDRAULIC GEAR	1	INSPECTED	NSN
896223-3	IMPELLER, 1ST STAGE	1	REPAIRED	1-03501-8405
3107167-4	IMPELLER, 2ND STAGE	1	OVERHAULED	6-03501-5012
3103819-2	INNER BAFFLE	1	INSPECTED	NSN
3101524-6	INNER TRANSITION LINER	1	NEW	NSN
3102103-7	INTERSTAGE LINER SEAL	1	INSPECTED	NSN
894084-2	LABYRINTH SEAL	1	NEW	NSN
3102102-3	LINER ASSY	1	REPAIRED	6-01334-1340
3101672-2	MAIN SHAFT	1	OVERHAULED	5P-14755
3103820-4	NOZZLE SEGMENT	11	OVERHAULED	NSN
3101616-2	OIL INLET TUBE	1	OVERHAULED	NSN
869563-1	OIL JET	1	INSPECTED	NSN
3104575-2	OIL JET	1	INSPECTED	NSN

pg 1 of 2

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PX-3107-51 BACK

ENGINE

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SERIAL NUMBER

P-22003

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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	
9/18/19			Continued from engine logbook #1				TOTALS BROUGHT FORWARD
<p>Ag Air Turbines, Inc. 2245 Airport Rd Midvale, Idaho 83645 (208) 229-8340</p> <p>Date SEP-18-2019</p> <p>Engine Model TPE331-5-511C Engine Serial # P-22003 HOBBS 1444</p> <p>TIME SINCE NEW 6,315.6 CYCLES SINCE NEW 4,003</p> <p>TIME SINCE HSI 0 CYCLES SINCE HSI 0 TIME SINCE GBI 0 TIME SINCE CAM 0 CYCLES SINCE CAM 0</p> <p>Work performed Completely disassembled, cleaned, and performed inspection requirements per SB TPE331-72-0823 Table 2. Performed hot section, gearbox, compressor section, and prop pitch control inspections. Performed Super 5 Modification with reference to National Flight Services' STC SE00275AT; see 337 form this date.</p> <p>C/W AD 2006-14-03 by updating t-wheel cycle records for special use. C/W AD 2015-18-03 by installing an overhauled 3107092-1 prop shaft coupling. C/W AD 2016-18-17 by installing 2nd impeller p/n 3107167-4. C/W AD 2016-21-07 by inspection of FCU/Fuel Pump drive splines. Inspection performed on FCU s/n 1451756 by TAE Aerospace, Kansas City during unit repair. Inspection performed on Fuel Pump s/n P-98NF52077. AD due each 1,000 hours. C/W AD 2018-13-05 by installing overhauled torque sensor s/n P-3260C. SOAP due every 150 hours. C/W AD 2018-17-15 by installing an Inspected combustion chamber case (plenum) with a 1-pc bleed pad. A visual inspection of this part is due at each fuel nozzle change, not to exceed 450 hours.</p> <p>Post-repair testing performed Engine Test Run ; Lebow Torque Calibration ; Governor Checks ; Vibration Survey ; Recompensation ; Leak Check</p> <p>Work performed with reference to Honeywell MM 72-01-22 R7 ; STC SE00275AT ; SB TPE331-72-0823 Table 2</p> <ul style="list-style-type: none"> ✓ New DSC Data Issued this date. ✓ See Lebow Chart this date for new torque data. Ensure torque gauge is marked accordingly. ✓ See Traceability Parts List this date. ✓ SOAP Sample required within 25 hours. <p>I certify the component listed above to be airworthy for return to service with respect to work accomplished this date.</p> <p>Garrett Bane 4118243 <i>Garrett Bane</i></p> <p>**END**</p>							
						TOTALS TO DATE	

P 22 003

AiResearch Engine Log #1



AIRESEARCH MANUFACTURING COMPANY OF ARIZONA

A DIVISION OF THE GARRETT CORPORATION

PHOENIX, ARIZONA

P-22003

ENGINE LOG

YEAR	MO.	DAY	DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
2001			Mechanic must endorse all inspections and repairs with name, rating and certificate number.
05	07		ENGINE REMOVED FROM 9H-APP NO. 1 POSITION DUE FOR CAMP. <i>Paul P.</i>
			11/12/2013 TPE 331-5-252 TSN 6091 CSN 3958 This engine was disassembled to the extent necessary to perform hot section and gearbox IRAN. The following major parts were installed at this time, 1 st rotor p/n 867569-7, s/n 0-01345-6023 with 3776 cs, 2 nd rotor p/n 868272-1, s/n 9-0135-00354 with 14 cs, 3 rd rotor p/n 868630-9, s/n 0-01345-08089 with 2513 cs, 1 st stator p/n 895450-5, s/n 9-08378-166 svc, 2 nd stator p/n 894528-16, s/n 2-01345-715 svc, 3 rd stator p/n 867559-2, s/n ilg svc. Hot section assembled with ohc carbon/ rotor seal and new 3108066-1 turbine nut. No prior special use on installed parts. Gearbox opened up to perform TPE 331-72-0174, installation of large compressor bearing. Bearing p/n 3103708-1 s/n 93-06049-26 with 7239 ts installed at this time. Gear p/n 866306-6 installed ohc. Compressor seal kit p/n 3107051-1 ohc. Set trip @33"/#. Engine reconfigured from 251 (Bendix fuel control system) to 252 configuration (Woodward fuel control system) referencing s/b 72-0565. Installed 5 each primary and 10 each secondary fuel nozzles insp/repared. Engine test run performance and leak check ok. Checked A/D's for applicability and compliance thru 2013-21. See A/D listing. This engine has been repaired and inspected IAW the current regulations of the FAA with respect to the work performed. Performed 100,200, 400, and 800 hour inspections as applicable
			 Randy Goering A&P 2187537



ENGINE LOG

YEAR	DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS	
MO.	DAY	Mechanic must endorse all inspections and repairs with name, rating and certificate number.
01	14	ENGINE INSTALLED ON 9H-AAQ position No. 1 After replacement of I.T.T. HARNESS. W/O ES/052 RPT/EA <i>Prabhu 1363</i>
02	8TH/1993	ENGINE REMOVED FROM 9H-AAQ pos. No. 1. due to low torque and high R.P.M. <i>Prabhu 1363</i>
		<p>Pertinent detail of work performed are on File at MEDAVIA Maintenance Department under Work Order No. <u>52253</u> with work report copy in the log book.</p> <p><i>G.B.</i> inspection compl. in accordance with Garrett TPE331 current maintenance manual.</p> <p>Signed: <i>Prabhu 1363</i> Authority:  Date: <i>04/07/93.</i></p>
04	01-94	Lebow calibration carried out attached find graph. <i>Prabhu 1363</i>
11	04/99	ENGINE INSTALLED ON 9H-AAQ position No. 1.  <i>Prabhu 1363</i>

MO. DAY

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

Pertinent detail of work performed are on File
at MEDAVIA Maintenance Department under Work Order
No. ES/037 with work report copy in the
log book.

Gear Box / Replacement of 3rd Stator inspection
compl. in accordance with Garrett TPE331 current
maintenance manual.

Signed: [Signature] Date: 30/10/89

Authority:



10 30TH/89 ENGINE INSTALLED ON 9H-ABQ POSITION NO. 1. [Signature] 13633

01 13TH/92 ENGINE REMOVED FROM 9H-ABQ ^{#1} FOR REPLACEMENT OF I.T.T. HARNESS. [Signature] 13633

YEAR 1988

MO. DAY

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERTHAUS

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

07 05

Checked service life limited components in accordance with Garrett TPE331 SB 72-0019R 11 or ~~SB 72-0190R~~ and M.M. 72-00-00 Table 601.

If applicable with SB A72-0384R A JA72-0559R 2 For 6000hrs TBO see Table 4 on SB-72-0404R 2 for fuel control components overhaul.

Signed: *John* Date: -6 JUL 1988 Authority: MEDAVIA L.A.E. M.D.C.A. UC No. 13633 21/10/88

Pertinent detail of work performed are on File at MEDAVIA Maintenance Department under Work Order No. ES/028 with work report copy in the log book.

GEAR BOX inspection compl. in accordance with Garrett TPE331 current maintenance manual. Signed: *John* Date: -6 JUL 1988 Authority: MEDAVIA L.A.E. M.D.C.A. UC No. 13633

05 15TH/89

Engine installed in NO. 1 position of A/c Reg. 9H- AAR

John 17637

10 16TH/89

Eng. removed from NO. 1 position of A/c Reg. 9H- AAR To replace COMPRESSOR BEARING and 3rd STG. STATOR AS TIMEX (437220TSN 3042CSN)

John 17637

ENGINE LOG

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

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

YEAR 1986

MO.

DAY

09

19

Engine installed in R/H position of A/C Reg: 9H-AAQ.
with 3508.20 TSN 2566 Cycles. S.P. 22

MEDITERRANEAN AVIATION CO. LTD.

21. Nov 1986

Performed "Low" torque meter, calibration runs and torque
system calibration.

No. 78

02 MAR 1988

Engine removed fr R/H position of A/c Reg 9H-AAQ due that during
flight Engine fluctuated on oil Pressure between 40 and 96; Torque bet
30 and 45 & Oil Temp. Arised up to 110°C.

MEDITERRANEAN AVIATION CO. LTD.

YEAR 85

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

MO. DAY

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

Nov 13

This Aircraft component was
 repaired overhauled
 modified (pls see engine Log Book),
 full performance tested,
 functional tested, inspected
and is approved for return to
service.

TURBINE SECTION INSPECTED
AND GEAR BOX INSPECTED
IAW THE CURRENT MAINTENANCE
MANUAL ACCOMPLISHED.

Pertinent details of work performed are
on file at this Agency

Repair Order No. 892-00 904
TSI & GEAR BOX hrs. periodic inspection
compl. in accordance with current
maintenance manual

ALL OUTSTANDING SERVICE
BULLETINS TO OPEN
ENGINE UP TO 600
TBO INCORPORATED
TO S/B 72-0404 R1, 7

Approved Repair/Overhaul Station
LBA Anerkennungs-No. II-A 12
CAA Authority Ref AI/7477/65
FAA AAC No. 175-F


Quality Assurance
GARRETT GMBH



ENGINE LOG

YEAR 1983

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

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

MO. DAY

3 10

Engine installed in No. 1 position of A/c Reg. 9H-AAA with
1831.35 T.S.N and 1122 C.S.N.

[Signature]
MEDITERRANEAN AVIATION CO. LTD.

8 18/1985

Engine removed from No. 1 position of A/c Reg. 9H-AAA due
that after landing while shutting down, I.T.T. reached 1198°C
for one second. Engine is being sent for H.S.I. & to incorporate
the necessary S.B.s' so that the engine can go to 6000 TBO.

[Signature]
MEDITERRANEAN AVIATION CO. LTD.

TOTAL BROUGHT FORWARD

TOTAL BROUGHT FORWARD

MO. DAY

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

02 28

This Aircraft component was

- repaired overhauled
 - modified (pls see engine Log Book),
 - full performance tested,
 - functional tested, inspected
- and is approved for return to service.

TURBINE SECTION INSPECTION IN ACCORDANCE WITH SR - 0606 R18 AND CURRENT MAINTENANCE MANUAL ACCOMPLISHED.

Pertinent details of work performed are on file at this Agency

VISUAL GEARBOX INSPECTION

Repair Order No. 892-00604

PERFORMED.

H.S.I. hrs. periodic inspection compl. in accordance with current maintenance manual

Stank (G15)

Approved Repair/Overhaul Station
LBA Anerkennungs-No. II-A 12

CAA Authority Ref A117477165

FAA AAC No. 175-F

Stank (G15)

Quality Assurance
GARRETT GMBH

ENGINE LOG

YEAR 1983

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

MO.

DAY

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

2

4

Engine removed from #1 position of A/c Reg. 9H-AAA to be
Modified in accordance with AD 82-27-07, Amendment 39-452B
dated 7-1-83.

[Signature] 2-4-83
MEDITERRANEAN AVIATION CO. LTD.

PLS. SEE NEXT PAGE.

ENGINE LOG

YEAR 1982

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

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

MO.

DAY

4

19

Engine installed in No.1 position of A/c Reg. 9H-AAA. Flt hrs 1287.50 hrs.
769 cycles.

Shaw
19-4-82
MEDITERRANEAN AVIATION CO. LTD.

MO. DAY

09 05

This Aircraft component was

- repaired overhauled
- modified (pls see engine Log Book),
- full performance tested,
- functional tested, inspected
and is approved for return to
service.

Pertinent details of work performed are
on file at this Agency

Repair Order No. 892 - 00490

..... hrs. periodic inspection
compl. in accordance with current
maintenance manual.

Approved Repair/Overhaul Station

LBA Anerkennungs-No. II-A 12

CAA Authority Ref. AI/7477/65

FAA AAC No. 175-F


.....
Quality Assurance
GARRETT GMBH

ENGINE LOG

YEAR 1981

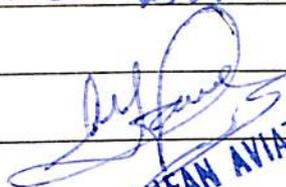
DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

MO. DAY

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

06 26

ENGINE REMOVED FROM L/H SIDE OF THE AIRCRAFT
AVIATAR REG. NO. 94-AAG AND SENT TO GARRETT GMBH
FOR INVESTIGATION AND REPAIR AFTER OVERHEATING
DURING THE LAST START.


MEDITERRANEAN AVIATION CO. LTD.

YEAR 81

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

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

MO. DAY

04 14

Unit investigated and full performance tested.



Handwritten signature

GARRETT GmbH

6096 Raunheim/Main

Frankfurter Str. 51

ENGINE LOG

YEAR 81
MO. DAY

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

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

02 23

Engine Removed from right hand side position of Aircraft
Registration 9H-AAA - CASA Aviocar C-212 Serial No. 119

Engine needs investigation into temperature indicating system.

- This Aircraft component was
- repaired overhauled
 - modified (pls see engine Log Book),
 - full performance tested,
 - functional tested, inspected and is approved for return to service.

[Signature]
145 NDEA Approval
MEDITERRANEAN AVIATION CO. LTD.

Pertinent details of work performed are on file at this Agency

Repair Order No. 892-00451
~~Net Section inspectors~~ periodic inspection compl. in accordance with current maintenance manual.

Approved Repair/Overhaul Station
LBA Anerkennungs-No. II-A 12
CAA Authority Ref. AI/7477/65
FAA AAC No. 175-F



ENGINE LOG

YEAR	MO.	DAY	DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
80			Mechanic must endorse all inspections and repairs with name, rating and certificate number.
10		07	<p>This Aircraft component was</p> <p><input checked="" type="checkbox"/> repaired <input type="checkbox"/> overhauled</p> <p><input type="checkbox"/> modified (pls see engine Log Book),</p> <p><input type="checkbox"/> full performance tested,</p> <p><input checked="" type="checkbox"/> functional tested, inspected and is approved for return to service.</p> <p>Pertinent details of work performed are on file at this Agency</p> <p>Repair Order No. <u>892-00405</u></p> <p>..... hrs. periodic inspection compl. in accordance with current maintenance manual.</p> <p>Approved Repair/Overhaul Station</p> <p>LBA Anerkennungs-No. II-A 12</p> <p>CAA Authority Ref. <u>AI/7477/65</u></p> <p>FAA AAC No. <u>175-F</u></p> <p style="text-align: center;">  <i>Stewart</i> Quality Assurance GARRETT GMBH </p>
11		28	<p>Engine installed on Right hand-side position of 9H-AAQ CASA</p> <p>AVIOCAR C-212 SERIAL NO. 119</p> <p style="text-align: right;"><i>145</i> <i>idea approval</i></p>

MEDITERRANEAN AVIATION CO. LTD.

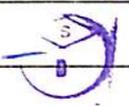
ENGINE LOG

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

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

YEAR 78

MO. DAY

June 16 @ ASA Perth. Engine pro. II installed in A/C EE-CRV.
 Engine time 00:00 hour. A/C time 806:05 hours.
 Trip - 

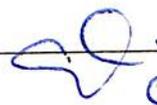
1980

JUNE 15 ENGINE REMOVED FROM No 2. POSITION ON A/C. 9H-AAP.

REASON FOR REMOVAL.

ENGINE SUFFERED SHOCK DUE TO PROPELLOR IMPACT - PROPELLOR
 DAMAGE CONFINED TO WITHIN 6 INCHES OF BLADE TIPS.

ENGINE TORQUE INDICATION SHOT UP TO MAXIMUM C/L. LOW,
 P/L AT FLIGHT IDLE. ENGINE REMOVED FOR FURTHER
 INVESTIGATION.

 SABRI DIRIK - 6987C.
 (MAINTENANCE MANAGER)

MEDITERRANEAN AVIATION CO. LTD.

ENGINE LOG

YEAR 1972

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

MO. DAY

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

JUNE 15

AIRESEARCH MFG. CO. SERIES 1 CHG NONE A Quarta 

EXPORT CERTIFICATE OF AIRWORTHINESS NONE ISSUED ON 6/16/72

E. J. DeWendt

Hot-Section inspection has been carried out per SB 606 and maintenance Manual, **and repaired.**

Unit modified, ~~done~~ funct. tested and inspected. Serv. bulletins please see serv. bulletin compliance record.

For detail info. see attached Overhaul and Rep. Analysis.

GARRETT GmbH
6096 Raunheim/Main
Frankfurter Str. 51



NO CRITICAL PARTS HAVE BEEN REPLACED!

ENGINE DATA

Model No. TPE331-5-251C Serial No. P22003

Takeoff Rating 776 715 HP @ 1591 CCW PROP RPM (100 %)

Max. Continuous Rating 776 715 HP @ 1591 CCW PROP RPM (100 %)

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

Fuel SEE FLIGHT MANUAL
 Compensated Measured Interstage Turbine Temperature
 ~~Max. Turbine Discharge Temp.~~ (TDT) 1635 °F (891 °C)

PROPELLER DATA

Manufacturer _____ Model No. _____

Serial No. _____

Owner's Name _____ City _____

Address _____ State _____