

ENGINE DATA

MODEL NO. 331-1-151A SERIAL NO. P-92203 TOTAL ENGINE WEIGHT _____ LBS
TAKEOFF RATING 665 HP@ 2000 RPM (100 %)
MAXIMUM CONTINUOUS RATING 665 HP@ 2000 RPM (100 %)
OIL GRADE _____ OIL PRESSURE _____ MAXIMUM OIL TEMP _____
FUEL _____ MAXIMUM TURBINE DISCHARGE TEMPERATURE (TDT) 1032 °F (556 °C)

PROPELLER DATA

MANUFACTURER _____
MODEL NUMBER _____ SERIAL NUMBER _____

OWNER DATA

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

PX-3107-21

SERVICE RECORD

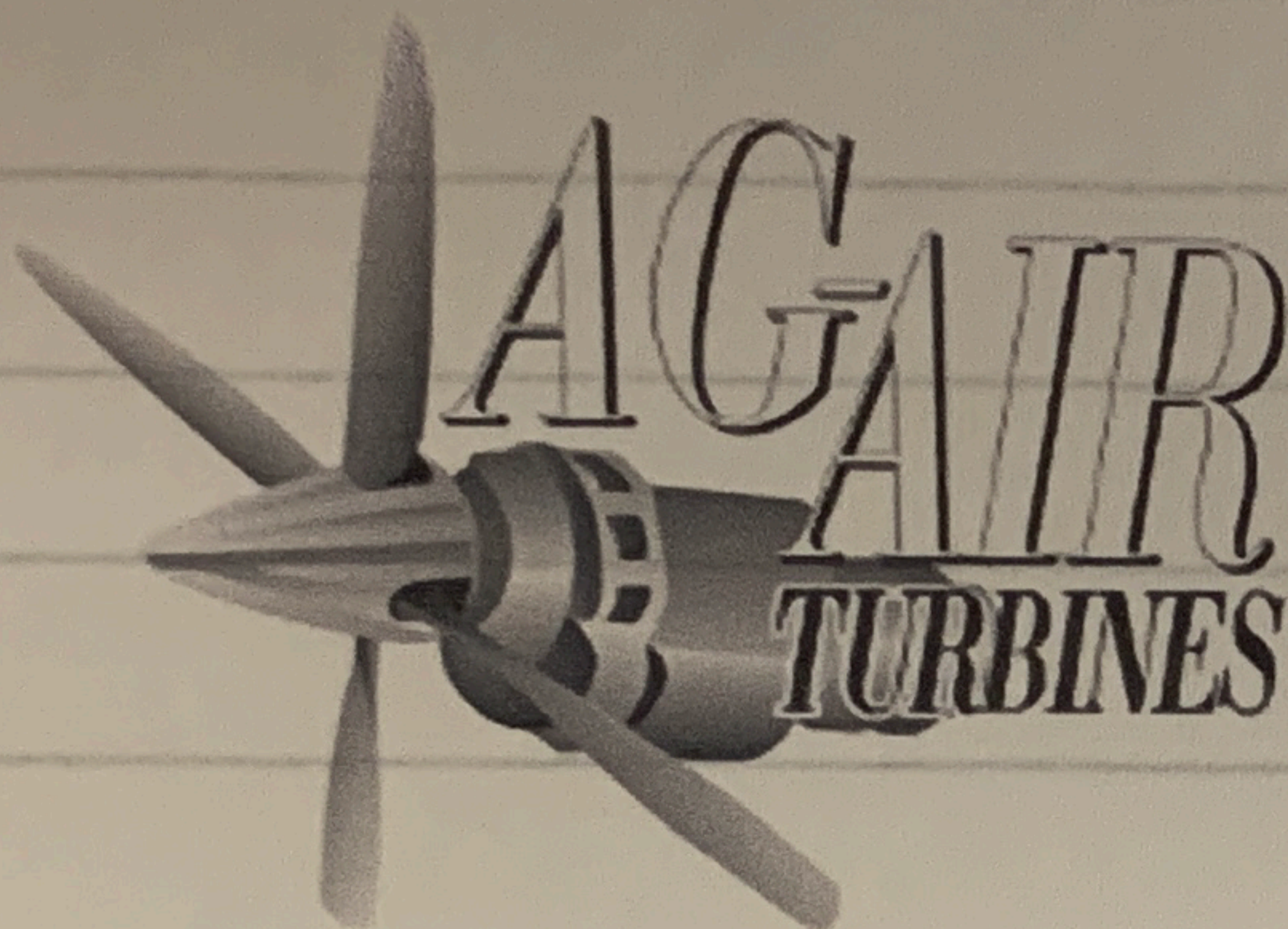
SERIAL NUMBER P-922036

PAGE

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

PX-3107-51 BACK

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.



TPE331-1-151A
S/N P-92203
July 17, 2014

MIDVALE, ID 83645

HOBBS: 2,583.7

REMOVED THIS ENGINE FROM AG CAT G164B N48485 FOR SCHEDULED MAINTENANCE.

Robert A. Baker
A & P

*****END*****

DATE

SERVICE RECORD

PAGE

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

SERIAL NUMBER

MODULE ☐

ENGINE ☐

AG AIR TURBINES, INC.

DATE:	ESN:	MODEL
8-18-2014	P-92203C	TPE331-1-151A
TSHSI 0	TSGBI 2583.7	TSCS Repair 2583.7

TSN:	CSN:
13,647.5	12,978

TSC:	CSC:
N/A	N/A

NAME	P/N	S/N	HOURS	CD	CYCLES USED	CYCLES REMAINING
1 st T Wheel	867569-7	010134500338	2583.7	2	1676	4024
2 nd T Wheel	868272-1	030134501482	2583.7	2	1984	3416
3 rd T Wheel	868630-9	020134503287	2583.7	2	756	5244
Seal Plate Assy	N/A					
1 st Impeller	868219-1		UNK	4	UNK	N/A
1 st Blades	N/A					

NAME	P/N	S/N	HOURS	CD	CYCLES USED	CYCLES REMAINING
2 nd Impeller	868220-1		UNK	4	UNK	N/A

NAME	P/N	S/N	SERIES	CD	HOURS USED	HOURS REMAINING
Comp Bearing	3101405-1	14-151725-03539		3	0	6,000
Prop Pitch	869130-13-1	P-143501		6	0	2,000
Turbine Bearing	3108098-1	14-162111-08257		3	0	N/A
Torque Sensor	3101726-2	P-8218	9	1	0	9,000

NAME	P/N	S/N	SERIES	CD	HOURS USED	HOURS REMAINING
Prop Gov	869120-9	1113178		4	2846.6	
Fuel Pump	897400-5	P-1000C		4	590.1	
Fuel Control	869199-25	923051		4	2583.7	Since Re
Fuel S.O.V.	394230-9-1	10111C		4	3510	

*CONDITION CODES: 1 = OVERHAUL 2 = REPAIR 3 = NEW 4 = NO REWORK ACCOMPLISHED 5 = F/T ONLY 6 = INSPECTED

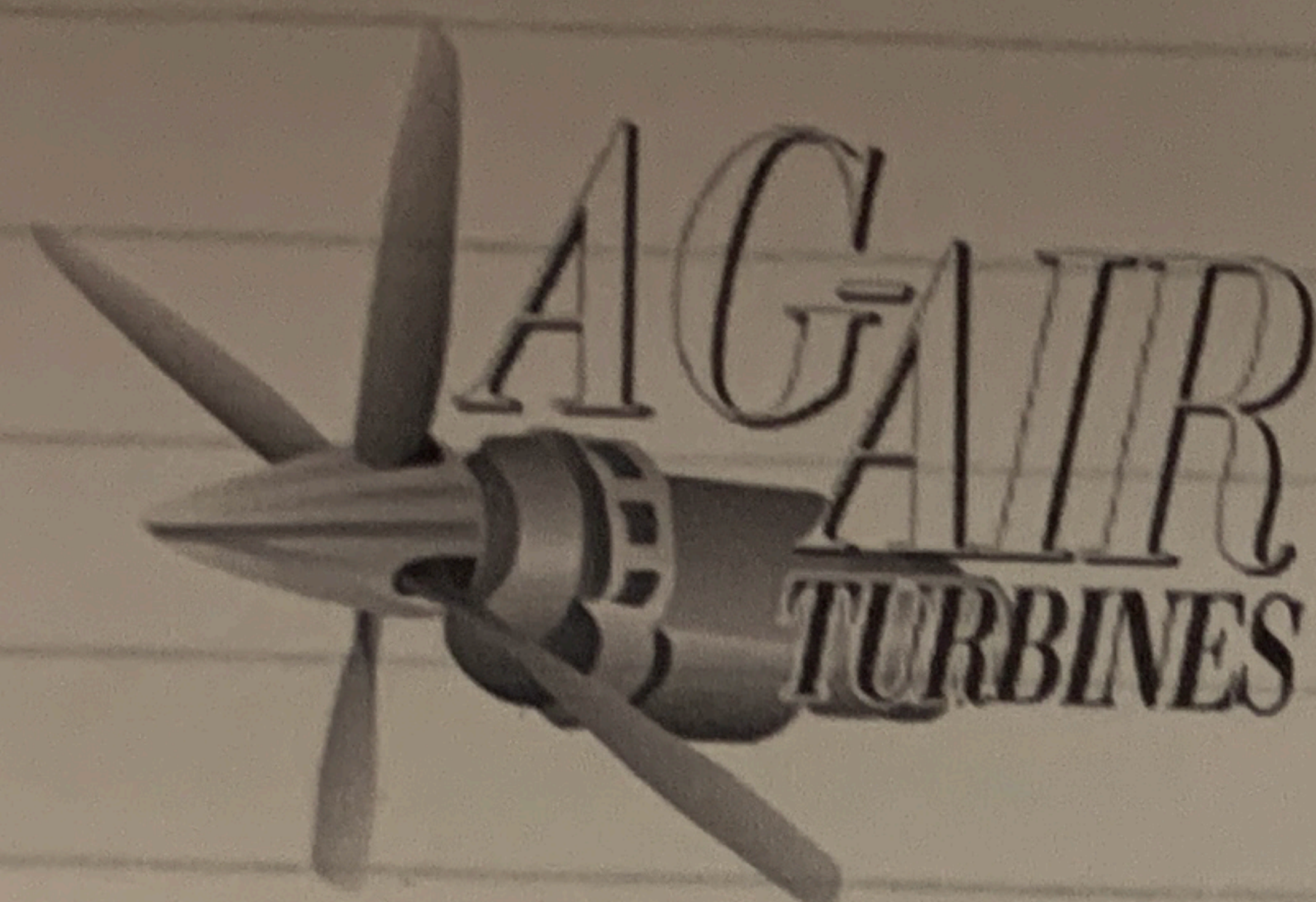
ENGINE ☐
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SERVICE RECORD

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

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DATE



TPE331-1-151A
S/N P-92203
August 18, 2014

MIDVALE, ID 83645

TSN: 13,647.5
CSN: 12,978

TSO: 7,490.7
CSO: 6,488

TSHSI: 0
CSHSI: 0

TSGBI: 2,583.7

TSCS Repair 2,583.7
CSCS Repair 999.0

PERFORMED HOT SECTION AND PROP PITCH CONTROL INSPECTIONS AND GEARBOX REPAIR.
FUEL CONTROL UNIT SPLINE INSPECTION I/AW A.D. 06-15-08 IS DUE IN 309.9 HRS.
COMPLIED WITH A.D. 06-14-08 BY UPDATING CYCLE RECORDS.
PERFORMED ENGINE TEST RUN, LEBOW TORQUE CALIBRATION, GOVERNOR CHECKS AND VIBRATION SURVEY.
INSTALLED 0 TSO TORQUE SENSOR, INSTALLED NEW COMPRESSOR BEARING AND TURBINE BEARING.
S.O.A.P. REQUIRED WITHIN 25 HOURS.
SEE TRACEABILITY PARTS LIST THIS DATE.
WORK PERFORMED WITH REFERENCE TO HONEYWELL MM REPORT# 72-00-92 Revision 13.
I CERTIFY THIS ENGINE TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO WORK ACCOMPLISHED THIS DATE.

INSTALLED THIS ENGINE ON AG CAT G164B N48485. ENGINE RIGGED, TEST RAN AND CHECKED FOR LEAKS. BALANCED PROP TO .07 IPS.

Robert A. Baker
A & P

****END****

Tach Time
2584.1

Inspected Powerplant installation for Annual Inspection.

(Next Page)

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DATE

7-7-2015

Annual Inspection

MAINTENANCE RELEASE
This Aircraft and/or Component was repaired and inspected
in accordance with current Federal Aviation Regulations and
was found Airworthy for return to service. Pertinent details
of the repair are on file at this agency under Work Order
No. 0947

Date 7-7-2015

Signed

HERSHEY FLYING SERVICE, INC.

FAA Approved Repair Station

Hershey, Nebraska 69143

2-15-17

2878.1 Hobbs

7605.1 TSMOH

287.4 TSHST

+42 Starts 216 Flts

I certify that this Prop Plant has been inspected in accordance
with an annual inspection and was found to be in
an airworthy condition.

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DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
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CD AVIATION
SERVICES

Joplin, Mo. 64804

FAA Certified Repair Station

Engine Model: TPE331-1-151A Engine S/N: P-92203C Hobbs: 2,898.1
A/C Model: Aq Cat G-164B Reg #: N48485 A/C S/N: 44B

- Completed 1,000 hour repetitive spline inspection on FCU P/N 869199-25 S/N 923051 IAW AD 2016-21-07.
- Next inspection due at Hobbs 3,898.1
- Completed operational and leak check.
- All maintenance performed in accordance with Honeywell Maintenance Manual 72-00-92 Rev.13 dated 17/OCT1994.

"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 only with regard to the work performed. Pertinent details of the repair/inspection are on file at this Repair Station under

WO# 4732 Date April, 8, 2017

Signed _____

FAA REPAIR STATION NO. _____

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DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
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DATE

SN N 48485 ACTT 7947 3040 Hobbs
G-164B
Engine S/N P92203C TT _____

Serviced and inspected in accordance with FAR 43 appendix D and FAR 43 D. and Grumman service manual
I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.
William W Stukenholtz A&P [REDACTED]

CD AVIATION
SERVICES

[REDACTED]
Joplin, Mo. 64804

[REDACTED]
FAA Certified Repair Station [REDACTED]

Engine Model: **TPE331-1-151A** Engine S/N: **P-92203C**
A/C Model: **Grumman Ag Cat** Reg #: **N48485** A/C S/N: **44B** Hobbs: **3,041.0**

- Removed EGT Harness P/N 869804-1 S/N N/A.
- Installed 1 each new EGT Harness P/N 869804-1 S/N N/A
- Performed satisfactory ground runs.
- All maintenance performed in accordance with HMM 72-00-92 Rev. 13 Dated 17/OCT/1994

"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 only with regard to the work performed. Pertinent details of the repair/inspection are on file at this Repair Station under

WO# 5137 Date 05/16/2018

Signed [REDACTED]
FAA REPAIR STATION NO. [REDACTED]

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ENGINE ☐
MODULE ☐
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DATE

3-1-19 3103.7 hrs 8010.7 hrs

AD 2018-17-15 NA -151 engine Completed S.O.A.P. oil analysis
and found normalI Certify that this Power Plant has been inspected in accordance
With an annual inspection and was found to be in an
airworthy condition [REDACTED] AIP [REDACTED]

3-20-2020

N48485

Hobbs 3212

SN 44B

G-164B

Engine S/N 92203C

TT 8119.7 Cycles

Serviced and inspected in accordance with FAR 43 appendix D and FAR 43 D. and
Grumman service manualI certify that this aircraft has been inspected in accordance with an annual inspection and
was found to be in an airworthy condition.

William W Stukenholtz A&P [REDACTED]

CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
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DATE

5-10-21

+ 28 Starts

+ 79 flights

+ 123 hrs

Date: 05/10/2021 Hours: 3335.0

Tail#: N48485

S/N: 44B

Make: Grumman (Allied Ag (Model: G-164B

Serviced and inspected in accordance with FAR 43 appendix D and FAR 43 D. and
Grumman service manual

I certify that this aircraft has been inspected in accordance with an annual inspection
and was found to be in an airworthy condition.

Name: Bill Stukenholtz

Cert: [REDACTED]

Co: Loup City AirService

Sign: [REDACTED]

3/2/2022 REPLACED FUEL NOZZLES 3450.5
NEXT DUE 3600.5 P/N 310156-1, 310155-1
P/N 868914

PETER R MARINELLO AIP [REDACTED]

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COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NOMENCLATURE

FUEL CONTROL

PART NUMBER

869199-25

SERIAL NUMBER

923051

SERIES NUMBER

CHANGE/MOD RECORD

[illegible]