

N 4133\$



ENGINE LOG

T. W. SMITH ENGINE CO., INC.
HANGAR #1 • LUNKEN AIRPORT • CINCINNATI, OHIO 45226

MAINTENANCE RELEASE

The aircraft and/or component identified above was overhauled and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

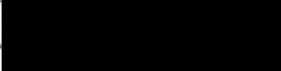
Pertinent details of the repair are on file at this agency. **CERTIFIED REPAIR STATION**
No. CB1R054K

Work Order No. E5722 Date: 3-25-99

Model: 10-520-BA Serial No. 249667-R

Date Re-built 4-16-98

Total Accumulated Time 1539.9 HOURS

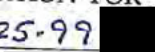
Signed: 

The above listed component has been overhauled and inspected, and test run as prescribed by manufacturer's specifications. All steel parts magnafluxed and non-ferric parts zygloed. No further run-in of the installation is required. List of manufacturer's bulletin and AD Notes complied with, recorded in back of logbook.

THIS ENGINE WAS OVERHAULED ACCORD-
ING TO MANUFACTURER'S MANUAL AND
MUST BE OPERATED IN STRICT ACCOR-
DANCE WITH ORIGINAL ENGINE
MANUFACTURER'S OPERATIONS MANUAL.

IN SOME INSTANCES P.M.A. PARTS ARE
USED OTHER THAN THE ORIGINAL
MANUFACTURER'S.

P.M.A. PARTS MEET F.A.A. SPECIFICATIONS.

ENGINE TEST RUN PER MANUFACTURER'S
SPECIFICATION FOR 2.2 HRS.
ON 3-25-99  T. W. SMITH ENGINE
CO., INC. 

THIS OVERHAULED ENGINE INSTALLED IN N 4133S ~~XXXXXXXXXX~~
~~XXXXXXXXXX~~ WITH:

HARNESS	MAGNETOS
STARTER	GENERATOR
ALTERNATOR	FUEL PUMP
VACUUM PUMP	HYDRAULIC PUMP
TACH GENERATOR	CARBURETOR
FUEL INJECTION	GOVERNOR
TURBO CHARGER	RELIEF VALVE
EXHAUST BY-PASS VALVE	LARGE CONTROLLER
FUEL PUMP	SMALL CONTROLLER
SPARK PLUGS	MOUNT RUBBERS
PROPELLER	FUEL & OIL LINES

REPAIR WORK 5722 TACH 1539.9
BY: [REDACTED] DATE 3-25-99



LUNKEN AIRPORT, CINCINNATI, OHIO 45226

FAA Repair Station No. CB1RO54K

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL TIME

INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.

LOG BOOK CERTIFICATE

Date

N4133S

Registration #



LUNKEN AIRPORT, CINCINNATI, OHIO 45226

FAA Repair Station No. CB1R054K

WO #

Time

TACH 1539.9 DATE _____

W.O. E5722

REMOVED TIME EXPIRED ENGINE

SERIAL # 249667-R AND INSTALLED

OVERHAU 249667-R

BY _____

T. W. SMITH ENGINE CO., INC.

LUNKEN AIRPORT HGR. #1

CINCINNATI, OHIO 45226

INSPECTION & MAINTENANCE RECORD

D.

N4133S
SMOH: 849.0

Engine: TCM IO-520 BA
Tach: 2389.0 Date 06/01/2021

I certify that this engine has been inspected IAW an Annual inspection IAW FAR Part43, Appen. D and found to be in airworthy condition at this time. No new ADs or reoccurring @ this time. Changed oil and filter, CH48108. Cleaned and gapped plugs. Replaced one URHB-32ER spark plug and reset mag timing on left mag (22* BTDC). Compressions cold -#1(64/80) #2(66/80) #3(68/80) #4 (70/80) #5(68/80) #6 (68/80). No applicable Ads. See AD report.

A&P [REDACTED] IA

Bob Hinkle

N4133S
SMOH: 877.2

Engine: TCM IO-520 BA
Tach: 2417.21 Date 08/07/2021

Removed, cleaned and tested all spark plugs. Replaced two plugs, URHB 32E due to high resistance. Checked engine to magneto timing. Both @ 22* BTDC. Run up showed 100 rpm each mag, smooth drops.

A&P [REDACTED] A

Bob Hinkle

N4133S
SMOH: 920.82 Tach: 2460.88

Engine: TCM IO-520 BA
Date 06/21/2022

I certify that this engine has been inspected IAW an Annual inspection IAW FAR Part43, Appen. D and found to be in airworthy condition at this time. No new ADs or reoccurring @ this time. Changed oil and filter, CH48108. Cleaned and gapped plugs. Adjusted timing to 22* BTDC. Compressions -#1(68/80) #2(66/80) #3(62/80) #4 (66/80) #5(68/80) #6 (64/80). Compressions checked warm.

A&P [REDACTED] A

Bob Hinkle