

ENGINE RECORD

Manufacturer: Pratt & Whitney

Model: R-1340-S3H1-G

Serial No: CAC232

Type Certificate: E-142

This engine is currently installed in
aircraft: _____

Min. Octane Fuel: 80/87 Aviation * Spark Plug Gap: .015 - .018 in. *

Oil Grade Summer: 120 wt.

Winter: 100 wt.

Magneto Time: 25° BTC

Point Setting: Bosch .008 - .010 in.

Firing Order: 1-3-5-7-9-2-4-6-8

Bendix N/A

Recommended Overhaul at _____ Hours. *

Crankshaft Serial No.: 20-126

Crankshaft Part No.: 375202

Cam Serial No.: H-153

Cam Part No.: 11768

* see Pratt & Whitney Maintenance Manual P/N 118611

NOTES

CAUTION

RUN THIS ENGINE WITH NON-DETERGENT OIL 100-120
UNTIL RINGS COMPLETELY SEAT.

NONCOMPLIANCE NULLIFIES WARRANTY.

WARRANTY VOID, IF ENGINE IS RUN
WITH AUTOMOTIVE FUEL.

In the absence of manufactures specific operating instructions please
note the following recommendations:

- 1) Avoid Idling engine at lower Manifold Pressures for extended periods of time, for a least 35 hrs of operation.
- 2) Use full power at take-off to Facilitate proper cylinder cooling.
- 3) Maintain a least 1" of manifold pressure for every 100-RPM on extended descents.
- 4) Cruise Power - Maximum spread of 10 or less on Manifold to RPM. i.e. 2000 RPM = 30" Hg., 1900 RPM = 29" Hg.
- 5) Avoid shock-cooling Cylinder before and during shut down.

COVINGTON AIRCRAFT ENGINES, INC.
OKMULGEE OKLAHOMA 74447
SHOP No. CP2R750K

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
FAA Approved Repair Station No. CP2R750K EASA.145.4356 Okmulgee, OK 74447 Ph: [REDACTED]				
Date: July 26, 2011	Engine Model: R-1340-S3H1-G	Engine S/N: CAC232	TSOH: 0:00	EST. Total Time: 6676.23
Crankshaft S/N: 20-126	Crankshaft P/N: 375202	Cam S/N: H-153	Cam P/N: 11768	
OVERHAULED IN ACCORDANCE WITH PRATT & WHITNEY OVERHAUL MANUAL PN 123440 AND COVINGTON PROCESSES. A.D. NOTE 56-06-02 COMPLIED WITH. A.D. 96-15-02 NOT APPLICABLE BY PART NUMBER. A.D. NOTE 99-11-02 COMPLIED WITH IN ACCORDANCE WITH PW SB No. 1787 DATED SEP. 7, 1983. C/W S.T.C. No. SE09538SC BY INSTALLING BOSCH MAGNETOS (see 337). ENGINE TEST RUN - TEST OK. "NEW WEDGE RING PISTONS". MAINTENANCE RELEASE: This certifies that the work specified above was carried out in accordance with Federal Aviation Regulations and current manufacturers' specifications. In respect to the work performed, the <u>engine/component</u> is approved for return to service. Pertinent details of the repair are on file at this repair station under work order No: 11363 Authorized Signature: [REDACTED] Date: July 26, 2011				
JULY 31, 2011 TACH 6283.0 This engine installed in AG-CAT, N75EP Replaced oil hoses. Accessories installed using new gaskets. Engine serviced with 100 shell mineral oil. Oil filter changed. Engine test ran, idle speed and mixture adjusted. Engine approved for return to service. [REDACTED] GERALD L ABBOTT [REDACTED]				
August 19, 2011 tach 6305.0 SMOH 22.0 Engine oil and filter changed. C/W AD 99-11-02 cyl inspected. Engine test ran and returned to service. [REDACTED] GERALD L ABBOTT [REDACTED]				
September 13, 2011 tach 6395.0 SMOH 112.0 Engine oil and filter changed. Filter inspected no metal noted. Valves adjusted. #2 cylinder replaced C/W AD 99-11-02 cyl inspected on defects. Engine test ran and approved for return to service. [REDACTED] GERALD L ABBOTT [REDACTED]				
October 2, 2011 tach 6455.0 Engine oil and filter changed. c/w ad 99-11-10 cyl inspected no cracks noted. Oil filter inspected no metal noted. Engine test ran and approved for return to service. [REDACTED] GERALD L ABBOTT [REDACTED]				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
ABBOTT AERO SERVICES				N75EP
MAY 8, 2012 TACH 6532.53 SMOH 249.5 TOTAL				
Engine oil drained. Oil filter inspected metal found. Engine removed for maint. Removed rear accessory housing and replaced with fresh overhauled unit. All gaskets replaced. Mags reinstalled and timed. Engine installed and hoses replaced as needed. Replaced all engine mount to frame bolts. checked cyl base nuts. Checked all case bolts. Repaired rt and left P leads. Replaced intake air filter. Complied with AD 99-11-02, cylinders inspected, no cracks noted. Replaced intake air filter. Engine test run and approved for return to service.				
Compression test as follows: (1) 73 (2) 74 (3) 78 (4) 77 (5) 77 (6) 75 (7) 75 (8) 79 (9) 79				
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
				GERALD L ABBOTT 
August 14, 2012 tach 6554.0 SMOH 271.0				
Engine oil and filter changed. Engine oil screen and poppet valve replaced. Propeller removed for maint. Removed and replaced nose case assy. Propeller reinstalled. Engine test ran, adjusted and approved for return to service.				
				GERALD L ABBOTT 
September 14, 2012 tach 6607.0				
Removed and replaced carburetor. Engine test ran idle speed and mixture adjusted. Engine approved for return to service.				
Compression 910 73 (2) 74 (3) 78 (4) 77 (5) 77 (6) 75 (7) 75 (8) 79 (9) 79				
				GERALD L ABBOTT 

[illegible]

(

[illegible]

9/18-16

N75EP

7092.0

SERVICEABLE

MFGR. NAME PRATT & WHITNEYCOMPONENT NAME CYLINDER ASSY.MODEL R-1340SERIAL 22005WORK ACCOMPLISHED OKC

The powerplant and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and was found airworthy for return to service.

Pertinent details of the repair are on file at this agency under

Work Order No. 05-327Date 09/09/05Signed [REDACTED] for
(SIGNATURE OF AUTHORIZED INDIVIDUAL)Tulsa Aircraft Engines, Inc.[REDACTED] TULSA, OKLA. 74115

FAA Approved Repair Station No. CT2R754K

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LIMITED MAINTENANCE RELEASE

MFGR. NAME P&WCOMPONENT NAME CAMMODEL R-1340SERIAL 192

The aircraft component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency. Only work detailed on the Work Order listed below is approved for return to service.

WARNING: FURTHER INSPECTION AND REPAIR MAY BE NECESSARY TO RETURN THIS COMPONENT TO SERVICEABLE CONDITION.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER

Work Order No. 43392Date 2-6-13Signed [REDACTED]
(SIGNATURE OF AUTHORIZED INDIVIDUAL)**AERO-ENGINES, INC.**

FAA APPROVED

REPAIR STATION NO. [REDACTED][REDACTED], LOS ANGELES, CALIF 90039

AEI FORM NO. 512