



Continental Motors

ENGINE EXAMINATION REPORT

ENGINE MODEL	TSIO550K
ENGINE SERIAL NUMBER	1010426
AIRCRAFT MAKE & MODEL	Cirrus SR22T
AIRCRAFT SERIAL NUMBER	0816
AIRCRAFT REGISTRATION	N857SW
FILE NUMBER	15-268

NAME	SIGNATURE	DATE
Phillip Grice		11-23-2015

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EXAMINATION		ACCIDENT DATA	
DATE	11/23/2015	NTSB ACCIDENT #	CEN16LA026
FACILITY	Continental Motors Inc.	NTSB INVESTIGATOR	Josh Lindberg
ADDRESS	2039 S Broad St Mobile, AL 36615	FAA INVESTIGATOR	Brian Love
		ACCIDENT DATE	11/03/2015
		ACCIDENT LOCATION	Fayetteville, AR.

ENGINE INFORMATION

ENGINE POSITION	Single
TOTAL TIME	259.9
TIME SOH	N/A
TYPE & TIME SLI	50hr. inspection 09/30/2015 @232.4 TT
BUILD DATE	05/30/2014
IN SERVICE DATE	Not reported.

Significant logbook information: 50 hour inspection completed on 09/30/2015 at 232.4 total time on the engine. The engine was subject to Continental service bulletin CSB15-2 which was listed on the Wells Aircraft maintenance work order S8126. (opened 09/24/2015 and closed 10/07/2015) Listed as discrepancy #6 and deferred to a later date.

Report Summary:

Search Code(s):

15-12-40

The engine was received with oil pressure cross fitting fractured. The engine exhibited oil starvation signatures on all rod and main bearing journals. The number one and three rods had released from the crankshaft. This caused internal damage to the interior of the crankcase. The oil pump was examined; no indication of hard particle passage was noted. The sump contained fragments of the rod bearings from the released connecting rods. The remainder of the engine exhibited normal operating signatures, with the exception of the mechanical and thermal damage caused by the loss oil from the fractured cross fitting. The cross fitting had several tool marks on the flat sides of the part. The fitting and fracture surface was examined in the CMI metallurgy lab and a report completed.

Disposition of engine following exam:

In CMI bonded storage awaiting disposition.

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NAME	Phillip Grice	NAME	Lisa Jersild
ADDRESS	Mobile, Alabama	ADDRESS	Mobile, Alabama
ORGANIZATION	Continental Motors	ORGANIZATION	Continental Motors
PHONE	██████████	PHONE	██████████
NAME	Greg Eastburn	NAME	Josh Lindberg
ADDRESS	Mobile, Alabama	ADDRESS	Dallas Tx.
ORGANIZATION	Continental Motors	ORGANIZATION	NTSB
PHONE	██████████	PHONE	██████████
NAME	Brannon Mayer	NAME	
ADDRESS	Duluth MN.	ADDRESS	
ORGANIZATION	Cirrus Aircraft	ORGANIZATION	
PHONE	██████████	PHONE	

EXTERNAL INSPECTION OF ENGINE

ENGINE EXAMINATION REPORT

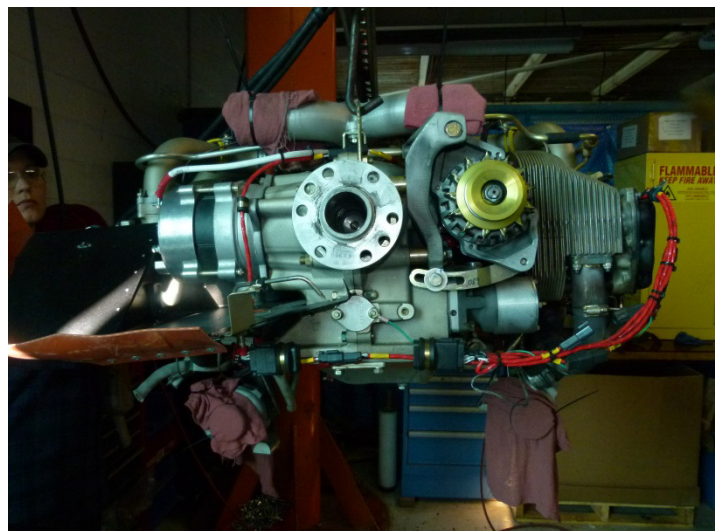
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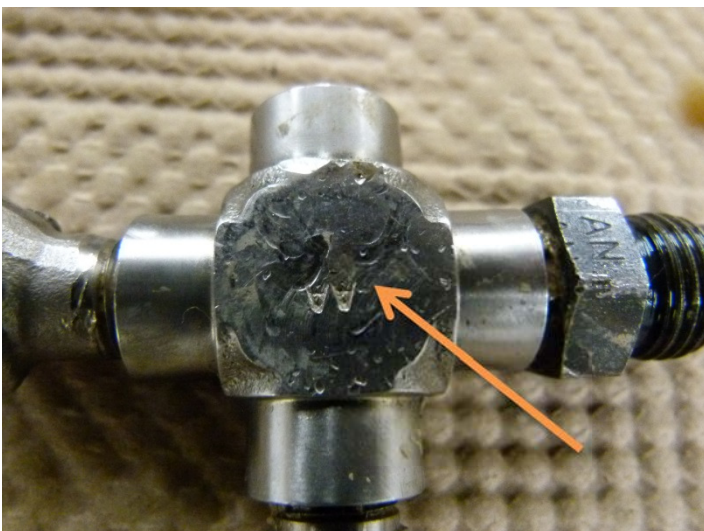
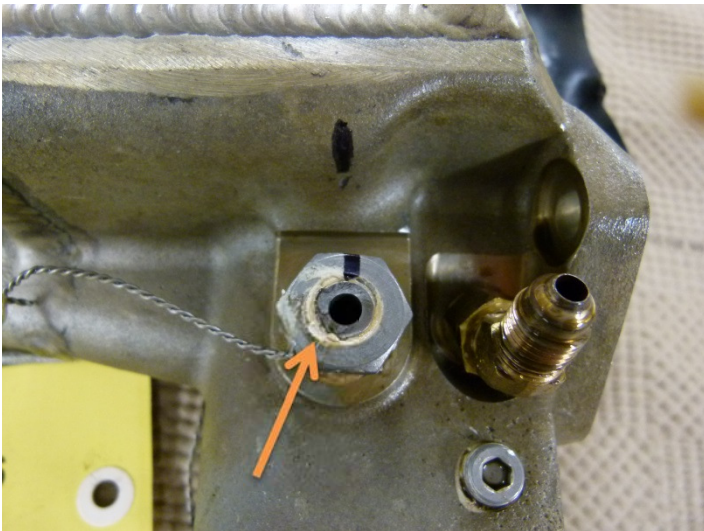
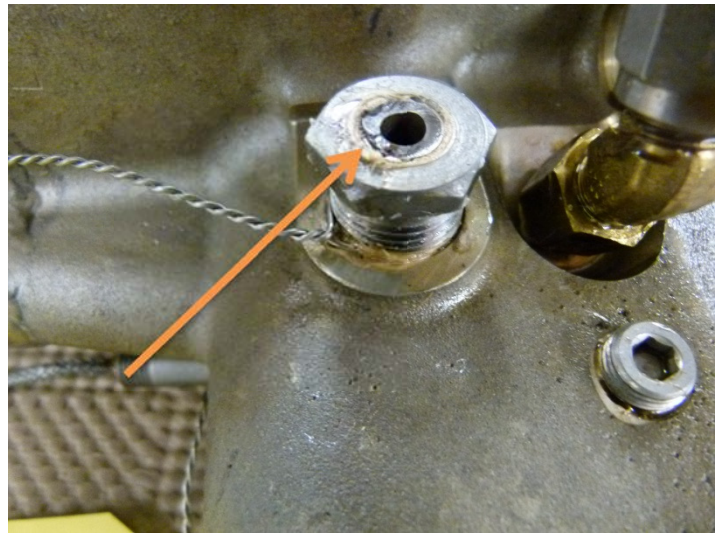
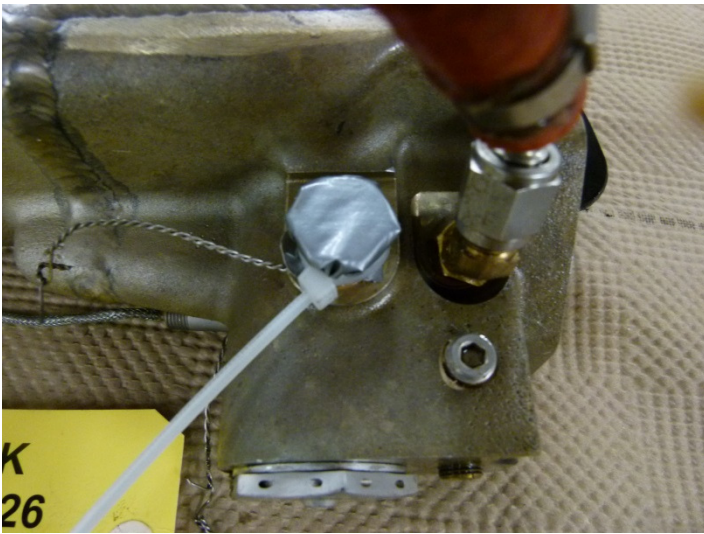
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INTERNAL INSPECTION OF ENGINE



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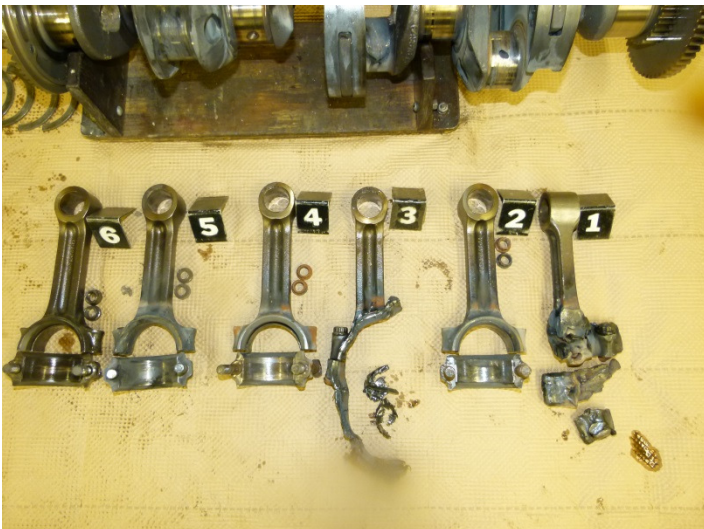
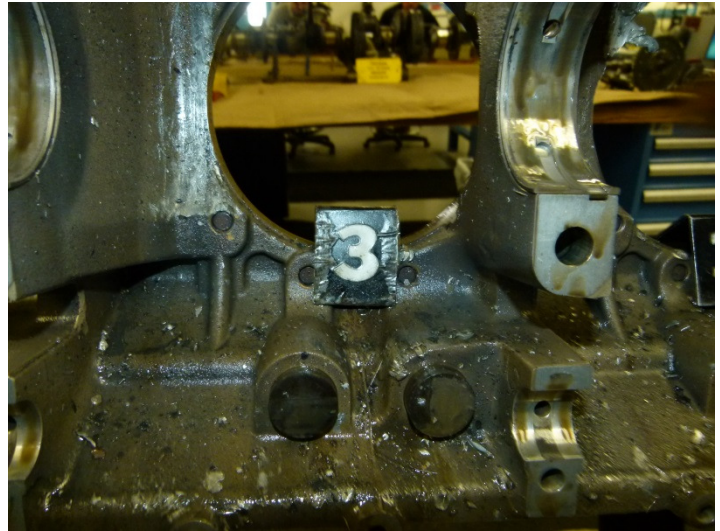
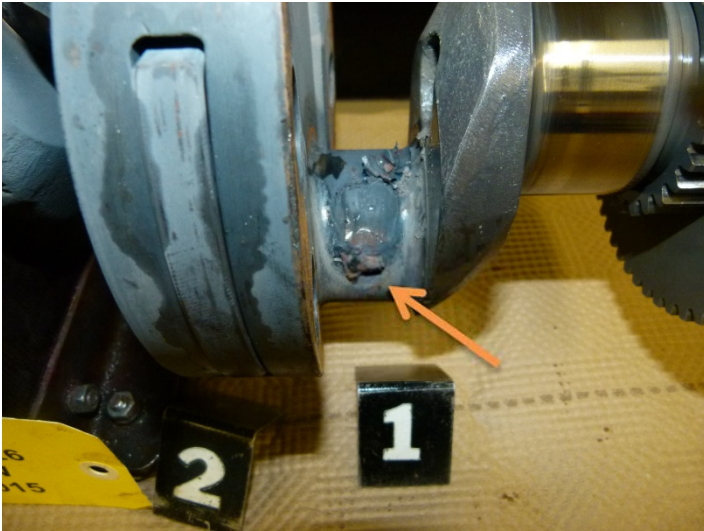
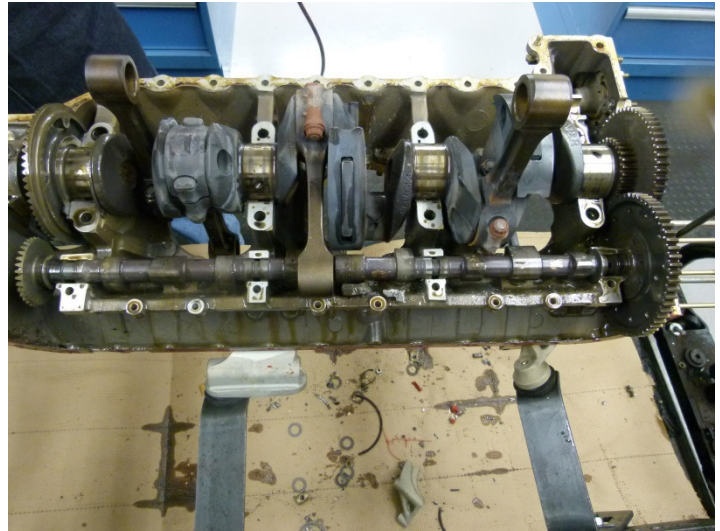
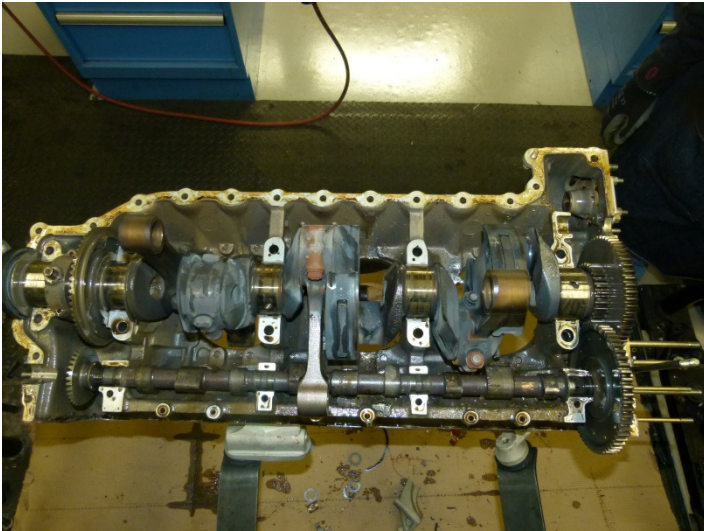
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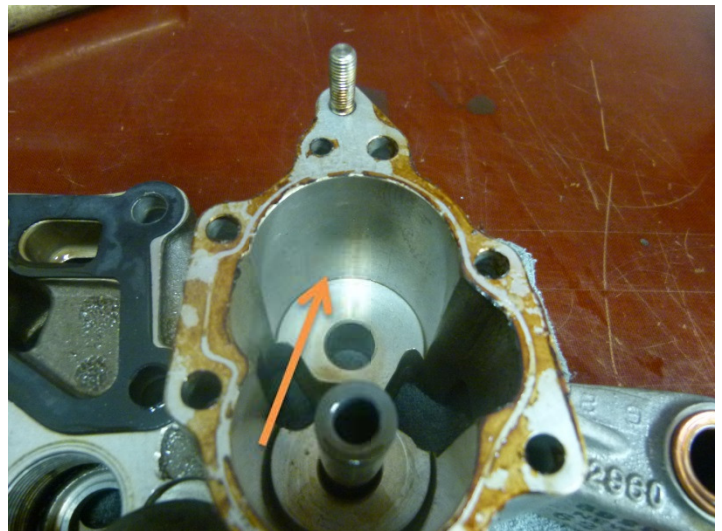
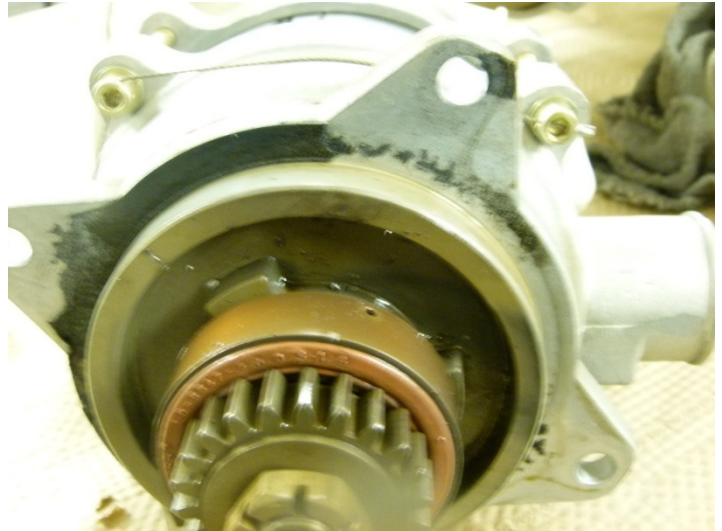
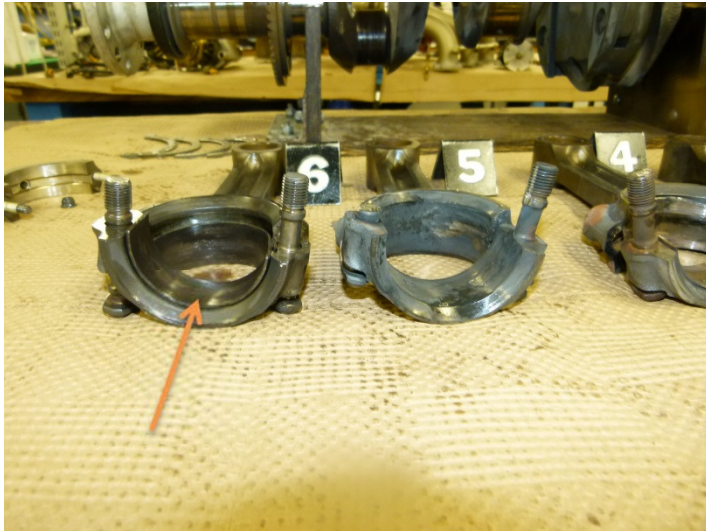
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