

The following page shows the annual inspection endorsement extracted from the aircraft logbooks for N1528H.

The following page shows the most recent engine overhaul record extracted from the engine logbooks for the engine that was installed on N1528H at the time of the accident on September 30, 2016.

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. _____

Engine Manufacturer LYCOMING

Model TD-360-A1B6D

Serial No. L-1853D-51A

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☐ Right

☐ Left

☐ Front

☐ Rear



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The following pages show the most recent engine maintenance extracted from the engine logbooks for the engine that was installed on N1528H at the time of the accident on September 30, 2016.

Page No. _____				
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
				TOTALS brought forward from previous page
12-11-2012	4065.62	TACH/11	15.38	SMOKE / T.T. unknown Checked compression (1) $7\frac{1}{8}$ (2) $7\frac{1}{8}$ (3) $7\frac{1}{8}$ (4) $7\frac{1}{8}$. Changed oil 8 qts 20W50 Exxon Elite. Changed filter CH48103-1 (Champion). #1 cylinder exhaust riser overhauled by aerospace welders. Changed oil pan gasket. Changed all intake gaskets and seals. Changed #2 & 4 exhaust gaskets. Changed 2 spark spark plugs Champion RHM40E, cleaned and gapped spark plugs. Checked exhaust system. Checked timing. Changed engine air filter BA5705 Brackett. Cleaned fuel screens. Checked controls for operation and security. Ran and leak checked. I certify that this engine has been inspected in accordance with smoke inspection and is determined to be air worthy. [Signature] A&P [Signature]
8/1/13			4093.4	8/1/2013 4093.4 hrs. tach. Changed oil 8 qts. 20W50 Exxon Elite. Changed filter CH48103-1. Ran and leak checked. [Signature] A&P [Signature]
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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
				TOTALS brought forward from previous page
7/29/13	4100.67	TACH		Replaced mag. P/N 10-682555-11 S/N G020A100R and impulse coupling. Timed to engine. Ron and leak checked. [Signature] ASP [Redacted]
1-29-14	4136.71	TACH	1206.47	Smooth / T.J. unknown Checked compression (1) $75/80$ (2) $74/80$ (3) $78/80$ (4) $75/80$. Changed oil & oil filter EXXON 70W50. Changed filter CH48103-1 and checked element. Cleaned injectors. Cleaned and gapped spark plugs. Changed air filter BA5705. Checked timing. Checked exhaust system. Checked fuel screen. Checked controls for operation and security. Ron and leak checked. I certify that this engine has been inspected in accord- ance with A 100 hr. inspection and is determined to be airworthy. [Signature] ASP [Redacted]
3-24-14	4154.84	TACH	1224.60	Smooth Changed all spark plugs. Tempest ultramars fine wire plugs. [Signature] ASP [Redacted]
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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
				TOTALS brought forward from previous page w/campground
7/16/14	4177.10	1249.6	5MOH	Changed oil 8 Qts 20W50 Exxon Elite Changed filter CH48103-1. Checked Element. Ran and leak checked. [REDACTED] APP [REDACTED]
1-16-15	4211.06	1280.82	5MOH	Checked compression (4) ⁷⁸ / ₈₀ (2) ⁷⁷ / ₈₀ (3) ⁷⁸ / ₈₀ (4) ⁷⁶ / ₈₀ . Changed oil 6 1/2 Qts. Exxon Elite. Changed filter Champion CH 48103-1. Checked Element. Checked Timing. Cleaned spark plugs. Cleaned injector nozzles. Replaced Air filter BA 5705. Checked exhaust system. Checked fuel screens. Replaced intake gasket of Cyl #2 / P/N ²¹⁹⁷³ 6773 . Checked Controls for operation and security. Ran and leak checked. I certify that this engine has been inspected in accordance with a 100hr inspection and is determined to be Airworthy. [REDACTED] APP [REDACTED]
8-28-15	4234.2	Tach / 1303.96	5MOH	Removed #2 Cylinder and sent to Roddie Aviation - replaced exhaust guide, rings, honed cylinder. Reinstalled cylinder with cylinder gasket kit. Changed oil 8 Qts 20-50 Phillips mineral. (cont.)
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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
				TOTALS brought forward from previous page
8-28-15	4234.2	(Cont.)		Changed oil filter CH48103-1. Fabricated oil return lines for cylinders 2 & 3. Replaced valve cover gasket, exhaust gasket and intake gasket cylinder #3. Installed cylinder and torqued bolts, through bolts in accordance with Lycoming service manual. [Signature] [Redacted]
11-7-15	4245.5	Tach		Changed oil 70W 20/50 Phillips mineral oil. Changed filter CH48103-1. Ran and leak checked. [Signature] [Redacted]
1-27-16	4250.8	Tach		Checked compression (1) $7\frac{1}{8}$ (2) $7\frac{1}{8}$ (3) $7\frac{1}{8}$ (4) $7\frac{1}{8}$. Cleaned spark plugs. Checked timing. Cleaned injector nozzles. Removed fuel control unit and sent to D&T Supply for overhaul, reinstalled. Replaced air filter BB5705. Checked exhaust system. Checked controls for operation and security. Checked fuel screens. Ran and leak checked. Adjusted idle and mixture. I certify that this engine has been inspected in accordance with a 100hr. inspection and is determined to be airworthy. [Signature] [Redacted]
	1320.56	Small		
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

TOTALS—Carry forward to next page