

NTSB Investigation: ERA23LA349

EXCERPTS OF MAINTENANCE RECORDS

N955LS

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	N955LS	Cessna 185 F	SN 18502259	April 20, 2023
	Tach-	2076.4		
	TTAF-	12,635.5		
	TSO-	0074.4		
	I certify this aircraft underwent an 100 HR inspection using a checklist containing items found in FAR Pt 43 App D and was found to be in a Airworthy condition. Inspected ELT IAW FAR Pt 91.207d and found to operate normal, battery next due Aug 2024. CW AD 2011-10-09 seat rail inspection next due 2176.4 Tach. CW AD 84-10-01R1 water in fuel inspection by inspection of fuel filter IAW Par "D", next due April 2024. Removed all tires and repacked all wheel bearings. Replaced both brake linings with new. Cleaned and lubed All flight controls. Removed, cleaned inspected and reinstalled fuel filter. Serviced brakes with MIL-H-5606. Installed new bracket air filter element PN 8103-1. All work accomplished using Cessna service manuals. Ran aircraft all systems checked good. Retuned to service this date.			
	[Redacted Signature]			
	Jonathan Bennett A&P [Redacted]			

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	I certify this aircraft underwent an Annual inspection using a checklist containing items found in FAR Pt 43 App D and was found to be in a Airworthy condition. Ran aircraft all systems checked good. Retuned to service this date			
	[Redacted Signature]			
	Richard F Miller IA [Redacted]			

Excerpts of maintenance records

PROPELLER LOG

DATE

20.

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME RATING AND CERTIFICATE NUMBER

N955LS

Cessna 186 F

SN 18502259

April 20, 2023

Tach- 2076.4

TTAF- 12,625.5

I certify this propeller underwent an Annual inspection using a checklist containing items found in FAR Pt 43 App D and was found to be in a Airworthy condition. Ran aircraft all systems checked good. Returned to service this date.

Richard F Miller

IA

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

Excerpts of maintenance records

**WESTERN
Skyways**
INC.

GOLD SEAL AIRCRAFT ENGINES

Engine Make: CONTINENTAL Model: IO-520-D
Serial Number: 832589-R W/O No. [REDACTED] Date: 10 MAY 2022
Warranty Number [REDACTED] Warranty Start Date: May 2022
Crankshaft Serial No: N07HA583 Cylinder Part Number: SA52006-A20P NEW

This engine and accessories listed below were overhauled to "Factory New Tolerances" per Overhaul Manual No: X30039 and Western Skyways, Inc. Repair Specification WSI-100 "Use and Application of Hylomar Sealant" dated 11/10/2010 on all Teledyne Continental Motor Engines and Lycoming Engines as applicable. See back section for Airworthiness Directives and Service Bulletin compliance. This engine was run in a test cell. Total Previous Time: 2002.0 Hrs.

This engine meets requirements of CONTINENTAL M-0 for 1700.0 Hour TBO

The accessories listed below were New or Overhauled and supplied with this engine:

Component	Part No.	Serial No.	Component	Part No.	Serial No.
L/H Mag:	6310 NEW	21100428	Vac Pump:	N/A	N/A
R/H Mag:	6310 NEW	21100429	Wastegate:	N/A	N/A
Fuel Pump:	646212-23A10	B07KA352R	Alt/Gen:	N/A	N/A
Inj/Carb:	639715A16	A07KA288R	Pop Off:	N/A	N/A
Man Valve:	631351-17A4	C07KA322R	Controller:	N/A	N/A
Starter:	N/A	N/A	VAPC:	N/A	N/A
Turbo:	N/A	N/A	Fuel Limiter:	N/A	N/A
Prop Gov:	N/A	N/A	Tach Gen:	N/A	N/A

MAINTENANCE RELEASE

The engine and accessories listed above were overhauled and inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of this repair are on file at this Repair Station on above work order.

Signature [REDACTED]Repair Station No. [REDACTED]

Form 200 Rev. 2

Cylinder S/N	Cylinder S/N
#1: 526000011753	#5: 526000011760
#2: 526000011756	#6: 526000011761
#3: 526000011757	#7: N/A
#4: 526000011759	#8: N/A

Excerpts of maintenance records

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK		
		N955LS Cessna A185F SN 18502259 June 12, 2022 Continental IO-520-D SN 832589-R Tach- 2002.0 TTAF- 12,561.1 TTENG- 2002.0 TSO- 0000.0 Reinstalled engine SN 832589-R this date after Major overhaul by Western Skyways under WO WO58490. Engine was installed using 4 new lord mounts Front PN J-6545-1 and rear PN J15198-1. new fuel and oil lines were installed. Cooling baffle was repaired and primed new baffle seal was installed. Engine was serviced with 10 Qts aeroshell 100 mineral oil, new CH48108-2 filter was installed. Ran engine and verified Correct fuel pressures IAW Teledyne SID97-3E. All work accomplished using manufactures Service information. Richard F Miller A&P		
		N955LS Cessna A185F SN 18502259 June 12, 2022 Continental IO-520-D SN 832589-R Tach- 2002.0 TTAF- 12,561.1 TTENG- 2002.0 TSO- 0000.0 I certify this engine underwent an annual inspection using a checklist containing items found in FAR PT 43 App "D" and was found to be in an airworthy condition. Ran engine, all systems checked good- returned to service this date. Richard F Miller IA		
20 JUL 22	TACH 2025.9	Cessna A185F	S/N 18502259	CONTINENTAL 10-520-D
	TTAF 12585	REAR		S/N 832589-R
	TTENG 2025.9	PERFORMED 25HR OIL CHANGE, REMOVED AND REPLACED OIL		
	TSO 23.9	FILTER PN: 48108 IAW MANUFACTURES INSTRUCTIONS, LEAK CHECKED (GOOD. SERVICED WITH PHILLIPS XC 20W-50 (11 QTS.))		

Excerpts of maintenance records

DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE

TACH OR
RECORDING
METER
TIMEN955LS
EngineCessna 185 F
ContinentalSN 18502259
IO-520-D

SN 832589-R

April 20, 2023

Tach- 2076.4
TTAF- 12,635.5
TSO- 0074.4

I certify this engine underwent an 100HR inspection using a checklist containing items found in FAR Pt 43 App D and was found to be in a Airworthy condition. AD 2023-05-16 Crankshaft counterweight not

Applicable IAW MSB23-01A table 1- no further action required. AD 2023-02-12 intakes valve Inspection not applicable IAW MSB22-01A, no further action required. Drained oil, inspected oil filter, no metal noted. Installed new filter PN CH48108-1. Serviced engine with 10 Qts Phillips 20w-50. Compression test results 1-72, 2-72, 3-74, 4- 72, 5-72 and 6-72. Cleaned and rotated all spark plugs. Ran engine, no leaks noted. Returned to service this date.

Jonathan Bennett
A&P

N955LS
EngineCessna 185 F
ContinentalSN 18502259
IO-520-D

SN 832589-R

April 20, 2023

Tach- 2076.4
TTAF- 12,635.5
TSO- 0074.4

I certify this engine underwent an Annual inspection using a checklist containing items found in FAR Pt 43 App D and was found to be in a Airworthy condition. Ran engine, no leaks noted. Returned to service this date.

Richard F Miller
IA

7-20-2023

Tach- 2123.4

TSO 121.4

Removed faulty starter and installed Servtabic
Starter P/N 646238-2. All work done
very consistent maintenance manual system output
good. Returned to service

7.27.2023

TACH 2126.6

TSO 153.6

Drained oil, inspected filter, no metal noted. Serviced with 10 quarts
Phillips XC 20W-50 and installed new CH48108-2 filter.