

(RF)



WESTERN
Skyways
INC.

Engines Are Our ONLY Business

Gold Seal Aircraft Engines

**ENGINE
MAINTENANCE RECORDS**

21 Creative Pl. Montrose, CO 81401
(970) 249-0232 • 800-575-9929 • FAX (970) 249-4155
www.westernskyways.com

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N229TA

Engine Manufacturer _____

Model _____

Serial No. _____

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

RIGHT

LEFT

FRONT

REAR



WESTERN
Skyways
INC.



ENGINE WARRANTY TRANSFER REQUEST

Current Owners Name: _____

Phone: _____

Address: _____

Engine Model: _____

Engine Serial: _____

Numbers of Hours Since Installed: _____

Date of Transfer: _____

New Owner's Name: _____

Phone: _____

Address: _____

Date Installed: _____

Aircraft Model/year: _____

Signature of
Current Owner: _____



WESTERN Skyways INC.

GOLD SEAL AIRCRAFT ENGINES

21 Creative Place
Montrose, CO 81401
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(800) 675-8829
(970) 249-0282
FAX: (970) 249-4156

Engine Make: CONTINENTAL Model: IO-520-C
 Serial Number: 243766-R W/O No: W054270 Date: 10 DEC 2019
 Warranty Number: L19316 Warranty Start Date: DEC 2019
 Crankshaft Serial No: 1289302N Cylinder Part Number: SAP 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: 1699.1 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:	BL-349350-4	F19BA187R	Prop Gov:	N/A	N/A
R/H Mag:	BL-349350-5	F18KA061R	Wastegate:	N/A	N/A
Fuel Pump:	646212-2A2	K199320BR	Alt/Gen:	N/A	N/A
Inj/Carb:	653377A3	K199313AR	Controller:	N/A	N/A
Man Valve:	631427-2A11	K199310CR	Pop Off:	N/A	N/A
Starter:	C24ST5 NEW	H-T041690	Controller:	N/A	N/A
Turbo:	N/A	N/A	Pump Vac:	N/A	N/A
			Fuel limiter:	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: 
 Repair Station No. WS9R575J

Form 200

Cylinder S/N	Cylinder S/N
#1: 526K1940552	#5: 526K1940556
#2: 526K1940553	#6: 526K1940557
#3: 526K1940554	#7: N/A
#4: 526K1950555	#8: N/A

AD NOTES COMPLIANCE RECORD

Engine - Continental Motors - IO-520-C

S/N: 243766-R

Western Skyways Inc.
CRS: WS9R575J
W/O: W05427C

Appliance - Magnetos - TCM (formerly Bendix) S-1200 series

S/N: F19BA187R
S/N: F18KA061R

P/N: BL-349350-4
P/N: BL-349350-5
Model: S6RN-1225

Appliance - Cylinder assembly - Superior Air Parts

S/N: 526K1940552
S/N: 526K1940553
S/N: 526K1940554
S/N: 526K1940555
S/N: 526K1940556
S/N: 526K1940557

P/N: SA52006-A20F

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	Recurring One Time	Next Comp. @ Hrs/Date	Authorized Signature & Number
70-14-07 R2	Fuel Injection pump needle	10 DEC 2019 1699.1	Verified new style needle installed	X		Larry Flatten WS9R575J <i>LF</i>
72-24-03	Oil filter adaptor	10 DEC 2019 1699.1	New style oil filter adapter installed	X	N/A	Larry Flatten WS9R575J <i>LF</i>
74-26-09	Bendix magnetos	10 DEC 2019 1699.1	N/A per magneto serial number	X		Larry Flatten WS9R575J <i>LF</i>
77-13-22 R1	Crankcase cracks	10 DEC 2019 1699.1	New style logo case installed	X	N/A	Larry Flatten WS9R575J <i>LF</i>
79-05-09	Oil pressure relief valve	10 DEC 2019 1699.1	"Current" design screw and plunger installed	X		Larry Flatten WS9R575J <i>LF</i>
80-01-04	Cylinder holddown flanges	10 DEC 2019 1699.1	Installed NEW Superior cylinders	X		Larry Flatten WS9R575J <i>LF</i>
81-24-06	Fuel pump	10 DEC 2019 1699.1	N/A per fuel pump S/N:n K199320BR	X	N/A	Larry Flatten WS9R575J <i>LF</i>
82-13-01	Bendix magnetos	10 DEC 2019 1699.1	Verified green block not installed	X	N/A	Larry Flatten WS9R575J <i>LF</i>
82-20-01	Bendix magnetos	10 DEC 2019 1699.1	N/A per magneto model number	X		Larry Flatten WS9R575J <i>LF</i>
86-13-04 R3	Cylinder assemblies	10 DEC 2019 1699.1	Installed NEW Superior cylinders	X	N/A	Larry Flatten WS9R575J <i>LF</i>
88-03-06	Oil filter	10 DEC 2019 1699.1	Installed oil filter P/N: CH48108-1	X		Larry Flatten WS9R575J <i>LF</i>
91-19-03	Champion oil filter	10 DEC 2019 1699.1	Installed oil filter P/N: CH48108-1	X		Larry Flatten WS9R575J <i>LF</i>
93-08-17	Incorrect oil pick-up tube	10 DEC 2019 1699.1	N/A per engine model.	X		Larry Flatten WS9R575J <i>LF</i>
93-10-02	Cylinder valve retainer	10 DEC 2019 1699.1	Installed NEW Superior cylinders	X		Larry Flatten WS9R575J <i>LF</i>

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	Recurring One Time	Next Comp. @ Hrs/Date	Authorized Signature & Number
93-16-15	Fuel pumps	10 DEC 2019 1699.1	Installed coupling P/N: 653359	X		Larry Flatten WS9R575J <i>LF</i>
94-01-03 R2	Teledyne/Bendix magnetos	10 DEC 2019 1699.1	N/A per magneto serial number	X		Larry Flatten WS9R575J <i>LF</i>
94-06-09	Teledyne/Bendix magnetos	10 DEC 2019 1699.1	N/A per magneto serial number	X		Larry Flatten WS9R575J <i>LF</i>
95-03-14	Engine mount cracks	10 DEC 2019 1699.1	Installed mount legs P/N: 653305 and 653306. Terminating action complete.	X	Terminating action complete.	Larry Flatten WS9R575J <i>LF</i>
95-21-15	Engine teardown and analytical inspect.	10 DEC 2019 1699.1	Engine inspected during overhaul	X		Larry Flatten WS9R575J <i>LF</i>
97-26-17	CORRECTION - Crankshaft fatigue cracks	10 DEC 2019 1699.1	VAR crankshaft, S/N: I289302N ultrasonic inspected	X	Anytime crankshaft is removed.	Larry Flatten WS9R575J <i>LF</i>
PL98-01-08	Exhaust roller rocker arms	10 DEC 2019 1699.1	N/A Exhaust roller rockers not installed	X		Larry Flatten WS9R575J <i>LF</i>
98-17-11	Crankshafts	10 DEC 2019 1699.1	Crankshaft S/N: I289302N visual, dimensional and magnetic particle inspected.	X		Larry Flatten WS9R575J <i>LF</i>
99-19-01	Crankshaft failure	10 DEC 2019 1699.1	N/A per crankshaft S/N: I238902N	X		Larry Flatten WS9R575J <i>LF</i>
2000-23-21	Fracture of the crankshaft connecting rod journal	10 DEC 2019 1699.1	N/A per crankshaft S/N: I238902N	X		Larry Flatten WS9R575J <i>LF</i>
2004-06-10	Prevent loss of engine power	10 DEC 2019 1699.1	Installed NEW Superior cylinders	X		Larry Flatten WS9R575J <i>LF</i>
2007-04-19	To prevent cylinder separation that can lead to engine failure	10 DEC 2019 1699.1	N/A per cylinder part number.	X	N/A	Larry Flatten WS9R575J <i>LF</i>
2007-04-19R1	To prevent cylinder separation that can lead to engine failure	10 DEC 2019 1699.1	N/A per cylinder part number.	X	N/A	Larry Flatten WS9R575J <i>LF</i>
2009-19-07	Correction - To prevent loss of engine power due to cracks in the cylinder head, possible engine failure, and fire in the engine compartment	10 DEC 2019 1699.1	Installed NEW Superior cylinders	X	N/A	Larry Flatten WS9R575J <i>LF</i>
2010-11-04	To prevent excessive hydraulic lifter wear	10 DEC 2019 1699.1	Installed lifters, P/N: 653888 and 653877	X	N/A	Larry Flatten WS9R575J <i>LF</i>
2012-03-06	To prevent an in-flight shutdown due to a failed fuel servo diaphragm	10 DEC 2019 1699.1	N/A Fuel Injection Servo not used on this engine	X	N/A	Larry Flatten WS9R575J <i>LF</i>
2014-05-29	Superior Air Parts Investment Cast Cylinder Assemblies	10 DEC 2019 1699.1	N/A per cylinder part number.	X	N/A	Larry Flatten WS9R575J <i>LF</i>
2016-16-12	ECI Class 71 or Class 76 Cylinder Assembly Failures	10 DEC 2019 1699.1	Installed NEW Superior cylinders	X		Larry Flatten WS9R575J <i>LF</i>

**DESCRIPTION OF WORK PERFORMED –
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK**

DATE

TACH OR
RECORDING
METER
TIME



**WESTERN
Skyways
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GOLD SEAL AIRCRAFT ENGINES

21 Creative Place Montrose, CO 81401 CRS # WS9R575J

Engine Model: IO-520-C

Serial Number: 243766-R

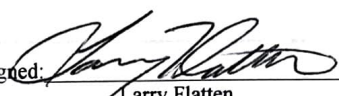
Time: 1699.1 TTE

Work Order: W054270

Date: 10 DEC 2019

Installed S539800M40 starter adapter spring in accordance with Aircraft Specialties Inc. STC SE09846SC and Aircraft Specialties services Service Bulletin No.: S-2008-01, Rev. 0, or later FAA approved revision. Starter Adapter was overhauled in accordance with Continental Motors Overhaul Manual X30039 and applicable Service Information.

Installed Cam Gear P/N: 2078-1 (RAM PMA). This satisfies the requirements of CSB05-8D.

Signed: 
Larry Flatten
CRS# WS9R575J

FORM 201E

Mountain Air Aviation

11750 Airport Way Hangar B12C Broomfield, CO 80021
(303) 469-1380

Engine Log Entry

N229AT Beech 4-20-20 Tach: 358.9 Time SMO=0.0

Completed 100 Hr Inspection in accordance with FAR 43 App D. Installed this engine on N229TA Beech 58 Baron. Installed with new engine mounts 4ea J10778-16. Fabricated and installed new hoses. Installed new engine sump heaters. Reinstalled prop governor after over haul. Installed overhauled alternator with new drive clutch see tag in A/C logs. Reinstalled props after overhaul see prop logs. replaced induction filter 1ea BA7705. Serviced sump with 12qts of Aeroshell 40wt mineral oil. Run up was satisfactory.-----END-----

I certify that this Engine has been Inspected in accordance with a Annual Inspection and was determined to be in an airworthy condition.

Name 

Number LA 3277903