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**ENGINE
MAINTENANCE RECORDS**

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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
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GOLD SEAL AIRCRAFT ENGINES

21 Creative Place
Montrose, CO 81401
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(800) 675-8829
(970) 249-0282
FAX: (970) 249-4155

Engine Make: CONTINENTAL Model: IO-520-C
Serial Number: 287232-R W/O No: W056090 Date: 24 DEC 2019
Warranty Number: L19326 Warranty Start Date: JAN 2020
Crankshaft Serial No: T958 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: 6072.2 Hrs.

This engine meets requirements of CONTINENTAL M-0 for 1700.00 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	F19BA071R	Prop Gov:	N/A	N/A
R/H Mag:	BL-349350-5	F19IA068R	Wastegate:	N/A	N/A
Fuel Pump:	646212-2A2	B02JA070R	Alt/Gen:	N/A	N/A
Inj/Carb:	653377A3	A02JA094R	Controller:	N/A	N/A
Man Valve:	631427-2A11	J129235CR	Pop Off:	N/A	N/A
Starter:	C24ST5 NEW	H-S090772	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: 526J1940206	#5: 526J1940210
#2: 526J1940207	#6: 526J1940211
#3: 526J1940208	#7: N/A
#4: 526J1940209	#8: N/A

DATE

TA
REC

AD NOTES COMPLIANCE RECORD

Engine - Continental Motors - IO-520-C

S/N: 287232-R

Western Skyways Inc
CRS: WSR575J
W/O: W05809C

Appliance - Magnetos - TCM (formerly Bendix) S-1200 series S/N: F19BA071R
S/N: F19IA068R

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

Appliance - Cylinder assembly - Superior Air Parts

S/N: 526J1940206
S/N: 526J1940207
S/N: 526J1940208
S/N: 526J1940209
S/N: 526J1940210
S/N: 526J1940211

P/N: SA52008-A20F

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
70-14-07 R2	Fuel injection pump needle	24 DEC 2019 6072.2	Verified new style needle installed		X		Larry Flatten WSR575J <i>FF</i>
72-24-03	Oil filter adaptor	24 DEC 2019 6072.2	New style oil filter adapter installed	X	N/A		Larry Flatten WSR575J <i>FF</i>
74-28-09	Bendix magnetos	24 DEC 2019 6072.2	N/A per magneto serial number	X			Larry Flatten WSR575J <i>FF</i>
77-13-22 R1	Crankcase cracks	24 DEC 2019 6072.2	N/A per engine serial number. New style logo case installed.	X	N/A		Larry Flatten WSR575J <i>FF</i>
79-05-09	Oil pressure relief valve	24 DEC 2019 6072.2	"Current" design screw and plunger installed	X			Larry Flatten WSR575J <i>FF</i>
80-01-04	Cylinder holddown flanges	24 DEC 2019 6072.2	Installed NEW Superior cylinders	X			Larry Flatten WSR575J <i>FF</i>
81-24-06	Fuel pump	24 DEC 2019 6072.2	N/A per fuel pump S/N: B02JA070R	X	N/A		Larry Flatten WSR575J <i>FF</i>
82-13-01	Bendix magnetos	24 DEC 2019 6072.2	Verified green block not installed	X	N/A		Larry Flatten WSR575J <i>FF</i>
82-20-01	Bendix magnetos	24 DEC 2019 6072.2	N/A per magneto model number	X			Larry Flatten WSR575J <i>FF</i>
88-13-04 R3	Cylinder assemblies	24 DEC 2019 6072.2	Installed NEW Superior cylinders	X	N/A		Larry Flatten WSR575J <i>FF</i>
88-03-06	Oil filter	24 DEC 2019 6072.2	Installed oil filter P/N: CH48108-1	X			Larry Flatten WSR575J <i>FF</i>
91-19-03	Champion oil filter	24 DEC 2019 6072.2	Installed oil filter P/N: CH48108-1	X			Larry Flatten WSR575J <i>FF</i>
93-08-17	Incorrect oil pick-up tube	24 DEC 2019 6072.2	N/A per engine model.	X			Larry Flatten WSR575J <i>FF</i>
93-10-02	Cylinder valve retainer	24 DEC 2019 6072.2	Installed NEW Superior cylinders	X			Larry Flatten WSR575J <i>FF</i>

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
93-16-15	Fuel pumps	24 DEC 2019 6072.2	Installed coupling P/N: 653359	X			Larry Flatten WSR575J <i>FF</i>
94-01-03 R2	Teledyne/Bendix magnetos	24 DEC 2019 6072.2	N/A per magneto serial number	X			Larry Flatten WSR575J <i>FF</i>
94-06-09	Teledyne/Bendix magnetos	24 DEC 2019 6072.2	N/A per magneto serial number	X			Larry Flatten WSR575J <i>FF</i>
95-03-14	Engine mount cracks	24 DEC 2019 6072.2	N/A per engine serial number. Installed mount legs P/N: 653305 and 653306.	X	N/A		Larry Flatten WSR575J <i>FF</i>
95-21-15	Engine teardown and analytical inspect.	24 DEC 2019 6072.2	Engine inspected during overhaul	X			Larry Flatten WSR575J <i>FF</i>
97-26-17	CORRECTION - Crankshaft fatigue cracks	24 DEC 2019 6072.2	VAR crankshaft, S/N: T958 ultrasonic inspected	X	Anytime crankshaft is removed.		Larry Flatten WSR575J <i>FF</i>
PL98-01-08	Exhaust roller rocker arms	24 DEC 2019 6072.2	N/A Exhaust roller rockers not installed	X			Larry Flatten WSR575J <i>FF</i>
98-17-11	Crankshafts	24 DEC 2019 6072.2	Crankshaft S/N: T958 visual, dimensional and magnetic particle inspected	X			Larry Flatten WSR575J <i>FF</i>
99-19-01	Crankshaft failure	24 DEC 2019 6072.2	N/A per crankshaft S/N: T95E	X			Larry Flatten WSR575J <i>FF</i>
2000-23-21	Fracture of the crankshaft connecting rod journal	24 DEC 2019 6072.2	N/A per crankshaft S/N: T958	X			Larry Flatten WSR575J <i>FF</i>
2004-08-10	Prevent loss of engine power	24 DEC 2019 6072.2	Installed NEW Superior cylinders.	X			Larry Flatten WSR575J <i>FF</i>
2007-04-19	To prevent cylinder separation that can lead to engine failure	24 DEC 2019 6072.2	N/A per cylinder part number.	X	N/A		Larry Flatten WSR575J <i>FF</i>
2007-04-19R1	To prevent cylinder separation that can lead to engine failure	24 DEC 2019 6072.2	N/A per cylinder part number.	X	N/A		Larry Flatten WSR575J <i>FF</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	24 DEC 2019 6072.2	Installed NEW Superior cylinders	X	N/A		Larry Flatten WSR575J <i>FF</i>
2010-11-04	To prevent excessive hydraulic lifter wear	24 DEC 2019 6072.2	Installed lifters, P/N: 653888 and 653877	X	N/A		Larry Flatten WSR575J <i>FF</i>
2012-03-06	To prevent an in-flight shutdown due to a failed fuel servo diaphragm	24 DEC 2019 6072.2	N/A Fuel Injection Servo not used on this engine	X	N/A		Larry Flatten WSR575J <i>FF</i>
2014-05-29	Superior Air Parts Investment Cast Cylinder Assemblies	24 DEC 2019 6072.2	N/A per cylinder part number.	X	N/A		Larry Flatten WSR575J <i>FF</i>
2016-16-12	ECI Class 71 or Class 76 Cylinder Assembly Failures	24 DEC 2019 6072.2	Installed NEW Superior cylinders	X			Larry Flatten WSR575J <i>FF</i>

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED – SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		<div data-bbox="303 220 414 325"> </div> <div data-bbox="422 231 774 336"> <p>WESTERN Skyways INC.</p> </div> <div data-bbox="438 336 766 367"> <p>GOLD SEAL AIRCRAFT ENGINES</p> </div> <div data-bbox="295 357 861 388"> <p>21 Creative Place Montrose, CO 81401 CRS # WS9R575J</p> </div> <div data-bbox="925 241 1173 273"> <p>Engine Model: IO-520-C</p> </div> <div data-bbox="925 294 1173 325"> <p>Serial Number: 287232-R</p> </div> <div data-bbox="925 346 1125 378"> <p>Time: 6072.2 TTE</p> </div> <div data-bbox="925 388 1388 430"> <p>Work Order: W056090 Date: 24 DEC 2019</p> </div> <div data-bbox="271 430 1452 525"> <p>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.</p> </div> <div data-bbox="271 535 1117 577"> <p>Installed Cam Gear P/N: 2078-1 (Ram PMA). This satisfies the requirements of MSB05-8D.</p> </div> <div data-bbox="271 577 1476 651"> <p>The engine and/or component identified above was overhauled and inspected IAW current FAA Regulations and found Airworthy for return to service. Pertinent details of this repair are on file at this repair station under above work order.</p> </div> <div data-bbox="981 682 1348 808"> <p>Signed: Larry Flatten CRS# WS9R575J</p> </div> <div data-bbox="271 787 406 819"> <p>FORM 201E</p> </div>

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 LA3277902