1960 Cessna 180C - N334SC - Serial #50691

AFTT: 4042.80
Engine SMOH/ PROP SNEW: 87.00 – installed 1/25/2023 at 3955.90 Tach Time
Annual Due 8/31/2026

Known Damage History:

Nose Over/Off-Airport Landing – August 1969 AFTT 1765 – Wings and Vertical Fin removed and repaired due to nose over off airport landing as a result of faulty mixture control/engine out.

Ground loop August 2020 3899 AFTT – professionally repaired and returned to service with 337 filed.
Right Wing Rebuilt by Airframe Components by Williams Inc. of Kendall Indiana
Right Horizontal Stabilizer Rebuilt by Airframe Components by Williams Inc. of Kendall Indiana
Main Landing Gear Inspected/Repaired by North Sound Aviation of Sedro Wooley, Wa.
Repaired/Rebuilt Components Installed Jan 2021 by SP Aircraft Boise, Idaho

Aircraft Overview:

Firewall Forward:

Powerplant: P-Ponk/Northpoint O-470-50 by Lycon 2023 – high comp pistons / flow matched
Propeller: 2023 New Hartzell Voyager
Exhaust: 2023 New Powerflow Exhaust
Mount: 2023 New Seaplane West Mount
Baffling: 2021 New Airforms Alaska
Gascolator: 2021 Steves Gascolator New Installed
Misc. 2021 Airbox overhauled w/stc's, new mcfarlane throttle and mixture cables

Wings:

Bush STOL Cuff and Fences
Micro Aerodynamics VG's
Knots2U Wingtips with High Discharge Lighting
LED Taxi/Landing Lights in Wing
Monarch Main Tanks 30.5 gallons ea x 2
Monarch Extended Tanks – total capacity 86 gallons

Airframe:
P-Ponk gearbox strengthening kit
2022 – New 10” Airframe Alaska Wheels and 2024 New 8:50-10 Tires
2022 - New Airframes Alaska Tailwheel Head Unit / Wheel and Shimmy Dampener
2021 New Windshield
2021 New 6” Bubble Windows
2021 New Door trim and seals
2003 Paint Strip and Repainted with IMRON in 1970’s motif – always hangered since
2021 McFarlane fueling steps and handles installed both sides of aircraft
BAS pull handles on rear empennage for ground movement of aircraft
Avionics:
S-Tech 30 AP with Altitude Hold & GPSS to Garmin 430W
Garmin 430W Nav/Com/GPS
Garmin Digital Transponder with ADSB In/Out connected to Garmin 796 Panel Mounted
ADSB traffic/weather displayed on Garmin 796 mounted in Gizmo Mount
Garmin SL-30 NAV/COM 2nd radio
Garmin 796 Panel mounted portable GPS with ADSB in and XM radio capability
Dual Garmin G-5’s
EI CGR-30P Engine Monitor / Fuel Calculator
UAvionics AV20C – backup attitude / AOA indicator
Vertical Card Compass windshield mounted
Selkirk glareshield, leather wrapped with LED light strip under brow.
Interior:
Upgraded Yokes to T configuration and later model yokes under field approval
Upgraded Rudder Pedals
New Interior 2021 including
Lonseal Vinyl DOT flooring
Selkirk panels with customer paint.
Pilot and Co-Pilot Seats blasted, rebuilt, painted and upholstered with inflatable bolsters
Selkirk Extended Baggage with no lip and Mountain Wave Net with cargo tie-downs
LakeVue Aero Folding rear seat with custom upholstery on rear co-pilot side.
Custom crafted pilot and co-pilot side panels with storage pockets.
Rosen Visors
Precise Flow front vent kits installed 2021
BAS front pilot and co-pilot shoulder harnesses – intertial reel
Pilot side Cessna seat slide prevention devise on inertial reel
Pilot and co-pilot seat stop slide prevention devices.

Major Component Upgrades/ Refurbishing – 3- Year Timeline:

2023:

Firewall Forward 1/25/2023 – tach time 3955.90

- Lycon P-Ponk Engine with High Compression and Flow Match
- PowerFlow Exhaust New
- Seaplane West Engine Mount New
- Hatzell Voyager Propellor and Spinner New
- All accessories and components overhauled or new
- Scott Tailwheel and Wheel/Tire New
- Altimeter Overhauled
- New Pilot Side Instrument Panel Fabricated and Installed with Silkscreen Lettering
- Dual Garmin G-5's Installed
- Uavionix AV20C Backup Attitude Indicator and AOA

2022:

- New 10" Airframes Alaska Wheels and Brake Rotors
- Alaska Airframes Shimmy Dampener
- Rear Tailwheel Spring Removed, Inspected, Blasted and Painted / Reinstalled
- Alphin Aviation Cowl Louvers with Winter Plates

2021:

- Airbox Rebuild and Upgrade by Dynamic Propellor
- Hartzell Alternator Conversion with Zeftronics Voltage regulator
- Baffling – new set installed from Airforms Alaska
- Atlee Dodge Fueling Steps and Assist Handles
- Selkirk Interior Kit and Extended Baggage with Custom Paint
- Lonseal Vinyl Flooring Installed
- Selkirk Glareshield with Covering and Dimmable Light Strip
- Custom Built Headliner Installed
- Mountain Wave Cargo Net and Cargo Tie Down Straps Installed
- Pilot/Co-Pilot Seats Overhauled, Painted, Reupholstered with inflatable bolsters
- New Windshield and Main Door 6" Clear Bubble Windows
- Precise Flow Air Vent System Installed
- EI CGR 30P Engine Monitor / Fuel Totalizer & Calculator

Major Component Upgrades/ Refurbishing – Detailed from Logbook Entries:

Engine and Prop:
Firewall Forward completed on 1/25/2023 Tach Time: 3955.90. The following components replaced as follows:

P-Ponk/Northpoint XP-470-50 Engine:
Installed Continental O-470-50 P-Ponk/Northpoint Conversion by Lycon. Lycon build included high compression (8.5:1) pistons by field approval, flow match cylinders. Lycon overhaul was completed 7/21/2022 and shipped to Nampa, Idaho for install. Install was completed January 2023 and plane returned to service. All accessories (mags, oil cooler, starter, alternator, prop governor) new or overhauled. All baffling new 6/26/2021. Wiring harness new.

Hartzell Voyager Propellor – New
Installed Hartzell Model HC-C3YF-1RF/F8429 Voyager Propellor with Chrome Spinner

Other firewall forward components installed:
Power Flow Exhaust – New
Seaplanes West Seaplane Engine Mount and Mounting Bushings Kit - New
Steves Gascolator - New
Oregon Aircraft Design Heat Shields
SAF Air Oil Drain
New Fuel Lines from Herber Aircraft
Prop control and rod end from McFarlane
Vernier Style Throttle Cable from McFarlane

Other Recent Firewall Forward Components Work:
6/26/2021 Tach 3902.0:
Airbox overhauled by Dynamic Propellor with STC'd kit and stiffeners
Carb Heat cable replaced with McFarlane Part
Hartzell Alternator Conversion Kit and alternator with zeftronics voltage regulator
Complete baffle set new from AirForms Alaska

Airframe Components:
Wheels: Airframes Alaska 10" wheels and brake rotors – 3/21/22
Tires: Airtrac 8.50-10 installed 7/8/2024 tach 4029.70
1/25/2023 – Tach 3955.90:
Tailwheel: New Scott/ABI tailwheel, tire, tube and wheel assembly
New Brake Lines
3/21/22 – Airframes Alaska Shimmy Dampener Installed New on Rear Tailwheel

Alphin Aircraft Cowl Louvers – 2/16/2022 – Tach 3933.10

6/26/2021 – Tach 3902.0:

Atlee Doge L/R strut fuel steps and assist handled

Installed drain sumps L/R wings to Monarch Tanks – none installed in the past

Interior and Avionics Components:

6/6/21 – Tach 3902.0:

L/R Window Latches on main doors replaced

Selkirk Aviation Extended Baggage installed

Selkirk Interior Kit with Custom Paint installed

Selkirk Aviation Glareshield with Faux Leather Covering / Glareshield Light Strip

Customer manufactured headliner faux leather installed

Mountain Wave Baggage Net in Extended Baggage Area

Rebuilt, Repainted and Recovered Pilot and Co-Pilot Seats

Seat Stops by Alpha Aviation installed both front seats + Cessna reel stop on pilot side

Installed BAS model 101 seatbelt and Lake Vue Stowable rear seat on Rt side

LP AeroPlastics windshield with compass block

PACMO vertical card compass mount and PAI-700 vertical card compass

LP Aeroplastics 6” domed window L/R main doors – clear

New Great Lake aero L/R window channels

Aircraft door seals – left and right and window trim and baggage door seal

Cabin and baggage floor covered with Lonseal dot vinyl C29822M72

Precise Flow Air Vent Kit – left and right

4/16/2023 – 3969.60 Tach Time:

Altimeter Overhauled Quality Aircraft Instruments

New Instrument Panel Pilots Side

New Dual Garmin G-5’s

GAD 29 , GAD 13, GMU-22

Uavionix AV20S backup attitude with angle of attach indicator

EI CGR30P – engine monitor/fuel calculator/totalizer