Aircraft Record General Information	1		
Manufacturer Cessna		Model 1821	
Serial / 8 2 5 9 2 0 3			N 42818
Date of Manufacture 1968			
Engine(s) currently installed: 09-01-05 Manufacturer <u>Continenta</u> L	Model \mathcal{I} (0 520 D _{Seri}	al 832 463-R
Manufacturer	12	Seri	
Propeller(s) currently installed: Manufacturer HART3eLL		Model PHC-1	3 Y R - 1 R F
HUB Model	Serial F	7 <i>524B</i> Seri	al F7691
Blade Model	Serial	Serial	Serial
Blade Model	Serial	Serial	Serial
	,		

YEAR 20 <u>2 </u> Date 6-10	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.)
-6-10				redfine and of richail racinty. (See back pages for other specific entries.)
Date: 6/	10/2021; Aircra	ft: N42818	Type: CESSN	A 182L; S/N: 18259203; Hobbs:, Tach: 4762.71; Total Time:
				d removed the fuel gauge sender. Removed Floats & Fuel Cells (FFC)
manufac	tured fuel cell F	FC P/N 30	30-23, S/N CR	8984, Cessna Number 1200065-23, from the left wing tank bay. Removed all
loose tar	e in the tank b	ay and rep	aced with P/N	231 OD military grade tape. Found a snap in the in the bottom of the tank bay with
broken r	vet. Riveted th	e snap bad	k to the botton	of the tank bay using a blind rivet. Installed a replacement fuel bladder tank FFC
Mfg. P/N	3030-2, S/N C	R4167, Ce	ssna P/N 1200	065-23, Construction Type P-2393 meeting TSO-C80. The tank date of
				and verified that gauge operation by manually moving the sender float arm up and
				ge and left wing root for the left rear seat passenger vent. Checked the fuel gauge
				in the tank the fuel gauge is still reading empty. After the three unusable gallons
				neasured against the fuel gauge on the truck pumping the fuel in tank. Inspected
				ver night and no leakage is evident at this time. Closed all inspection covers wing
				that were opened for this repair. Removed the right cabin door interior panel and
				the plate bushing assembly that it rides in also worn out. Installed a replacement
				3195-5, and a used serviceable door latch shaft P/N 1511212-5. Assembled the
				the door lock multiple times with out incident. Installed the interior door panel
				a second time. The door latch functions properly.
				urrent Cessna published service information including but not limited to the
				anual P/N D637, Dated 8/01/2019, Cessna Parts Manual P/N P515, Dated
				this work order. The aircraft and/or component identified above was repaired and
inspected	d in accordance	e with curre	ent FAA regulat	ions and was found AIRWORTHY for return to service. Pertinent details of this
repair a	e on file at this	agency un	der Work Orde	Number 10279.
6/10/2012	1 Roger E. Sm	ith Sys		UW4R585M.
Carter Ai	rcraft, Inc. FA	A Repair S	tation, Sebring	FL.
1		*		

RECORDING YEAR 09-12-21 N42818 **Aircraft Log** A/C TT: 4791.03 Tach: 4791.03 TACH FL 20 TIME Complied with Annual Inspection Per FAR 43 appendix D. Removed panels needed to inspect DATE airframe. Replaced Bracket air filter with new element # BA8103. Checked all lights for operation. Checked ELT operation in accordance with 91.207D. Operates as designed. Checked warning systems. No defects noted at this time. Filled brake fluid reservoir to proper level. Checked tension on flight cables. Lubed all zerks, flap and pivot points. Performed AD 11-10-09 seat track wear and pin engagement. No defects noted at this time. Next due 4891.03 tach time or Ann. Performed AD20-18-01 Cracks in lower door post strut attachments. Visual inspection per service bulletin. No defects noted at this time. Next due at 5791.03 ACTT / 36 months. Removed front strut and reseal using reseal kit from Cessna. Replaced Anti-Collison bulb with new unit 02-0350433-00. I certify that this aircraft has been inspected in accordance with the Annual Inspection program and found to be in airworthy condition at this time. Ok to return to service. David Raper Flite Instruments and Avionics 4927 E Falcon Drive CS# 6FIR926C Mesa, AZ 85215 480-516-0308 Reg # 1 A/C Make Model S/N Tach I certify that the transponder tests, including data correspondence required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix F. Work performed by Inspected by:

YEAR 20 21 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.)



Tucson Aircraft Maintenance 6330 S Aviator Ln Hangar A Tucson AZ 85735

Make: Textron (Cessna)

Model: 182L

Tail: N42818

S/N: 18259203

Hours: TT: 4824.92 EngTT: 1438.95 Hobbs: 2920.9

Installed grommet in baffling where cil temp probe wiring passes through. Removed battery, tested and re-installed after recharging. Operational test satisfactory.

Signed:

Rick Nelson

Cert: A&P 3253535

Date: 10/23/2021

Name:

Tucson Aircraft Maintenance

Make: Textron (Cessna)

Model: 182L

Tail:

N42818 18259203

6330 S Aviator Ln Hangar A Tucson AZ 85735

Hours: Tach: 4825.70 Hobbs: 2922.0

Installed new muffler assembly P/N A0750161-28 S/N 218210 with 2 ea P/N A0750161-22/24 clamp kits, 6 ea P/N 652458 no-blo gaskets and 24 MS20500-428 exhaust nuts. Installed 10 ea P/N 654439-1 intake hoses, 6 ea P/N MC0750143-1 heat deflectors and 6 ea P/N 649959 intake gaskets. Installed new P/N 624972-2D0282 hose between flow divider and firewall fitting for fuel pressure gauge. Installed new P/N AE3663161G0116 hose between fuel strainer and electric fuel pump. Installed McFarlane fuel strainer rebuild kit P/N FS-KT-3. Installed new P/N MCC299506-0102 propeller control and MCS1104-3 rod end. Installed new oil pressure switch P/N S3010-1 and new P/N MS28778-4 packing on adapter. Fabricated and installed backstrap between GTX330ES tray and GNS530W tray. Tightened cigar lighter and installed washers and nut on power lead stud. Connected loose G/S antenna lead to GNS530W tray. Tested G/S reception with AV-17, satisfactory. Removed Concorde battery P/N RG35-AXC S/N 40759318. Charged and installed new Concorde battery P/N RG35-AXC S/N 41185780. Ground test ran engine and leak checked, no leaks.

Signed: Name:

Rick Nelson

Cert: A&P 3253535

Date: 11/08/2021

tions YEAR RECORDING TODAY'S TOTAL **Description of Inspections, Tests, Repairs and Alterations TACH FLIGHT** TIME IN Entries must be endorsed with Name, Rating and Certificate Number of 20 TIME SERVICE Technician or Repair Facility. (See back pages for other specific entries.) DATE Make: Cessna Tucson Aircraft Maintenance 6330 S Aviator Ln Hangar A Model: 182L Tucson AZ 85735 Tail: N42818 18259203 S/N: HOBBS 3045.4 Hours: Tach: 4939.97 BAS103-1 air filter element. Installed 1 ea P/N 1414116-1 spring on pilot and co-pilot seat adjustment led new ea AN6-6A bolt, MS35338-46 lock washer and AN970-6 washer on left wheel fairing. handle Installed new Cert: A&P 3253535 Date: 05/28/2022 Name: September 19, 2022. The tachometer time is 4,948.10 hours. The total time of aircraft is 4,948.10 hours. AD72-07-09 (10/17/1974) Fin spar attachment bolt AD was previously complied with 29JUN2020 4679.32 TT and is next due @ 5679.32 total time. AD72-03-03 R3 (10/15/1984) Wing flap actuator AD was previously complied with 5/25/1972 472.25 TT SK150-37B installed has this is a terminating action. AD84-10-01R1 (7/5/1988) Water contamination of fuel system AD previously complied with SK182-85 installed has raised fuel caps this is a terminating action. AD2021-23-12 (12/9/2021) Radio altimeter anomalies AD is not applicable the aircraft is not equipped with a radio altimeter. AD2020-18-01 (11/12/2020) Detect and Address Cracking of the Wing Strut Attach Point AD was previously complied with 9/12/2021 4791.03 TT and is next due 5791.03 TT or 36 Months. AD2022-03-15 (3/21/2022) Ensure the amount of fuel indicated is the amount of fuel available AD is not applicable STC SA01899WI or SA02658SE are not installed. A&P 3789786

20 DATE	TACH TIME	FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries	
- Septemb	per 19, 2022.	The tack	nometer tim	e is 4,948.10 hours. The total time of aircraft is 4,948.10 hours.	
				springs with glue and zip ties. The nose strut bottom bolt was	
replaced	with a new	bolt and	nut. The sl	nimmy damper bolts were safety wired. Both wings lite surface	
				leading edge loose wires secured with silicone zip ties. Auxiliary	
_ tanks fu	el vents were	checked	. Fuel pump	s for auxiliary tanks inspected filters and replaced gaskets. Right	
				ned. The flap Jack screw was lubed. The wires next to the flap	
				ips were cleaned and lubed. Installed new bearings washers and	_
				ading edge wires were secured with silicone and zip ties. Applied	
				dge to prevent chafing. Applied silicone to inboard fuel line next	
				om fuselage was cleaned. That tail section was cleaned and lubed.	
				PS 3. The elevator trim mechanism was cleaned and lubed both	
				at bottom pins for up-and-down mechanism were secured. Both	
				sing left-hand wingtip screws were replaced with new screws.	
				ument panel on pilot side. Secured cables under instrument panel	_
				instrument panel gyro to prevent chafing with nipple fitting. The	,
central	vacuum air fi	lter was i	replaced. Ap	plied silicone to tubing under copilot side ensure panels to avoid	

chafing with radios and electronics. Secured tachometer cable with zip ties to prevent chafing with wires. Secured flap position cable with zip ties to prevent chafing with cabin heat cable. Right hand door plastic rear replaced missing screws. Stopped drilled small crack in battery box. Installed nipple on master solenoid. Installed nipple on battery positive post. Wires next to and under battery box were secured. Applied silicone to wires under floor panel on copilot side to prevent chafing with floor edge. Cleaned area under counsel.

A&P 3789786

September 19, 2022. The tachometer time is 4,948.10 hours. The total time of aircraft is 4,948.10 hours. The aircraft was inspected and serviced in accordance with Cessna's maintenance manual checklist. The ELT battery was replaced. The ELT was inspected in accordance with FAR 91.207 (d), and the operational check was satisfactory. The new battery replacement date is November 2024. AD77-02-08 (2/1/1977) To Prevent ELT battery failure is not applicable by ELT battery date. AD2011-10-09 (6/17/2011) was complied with by inspection and measurement and is next due at 5048.10 hours. The pilot rudder pedal outside shaft was tightened by installation of washer and retorquing bolt. The pilot rudder pedal inner pivot shaft was repaired with a busing. All the rudder pedals and torque tubes hardware were retorqued. The pilot seat outer seat belt was removed, sent for repair, and reinstalled after repair. The co-pilot seat outer seat belt was removed, sent for repair, and reinstalled after repair. The right rear backseat bolt was replaced with a new bolt. The nose wheel pants were repaired. The fuel selector gear was lubricated. Wires underneath floor pilot side were secured to prevent chafing for fuel line. Secured wires under floor inspection panel on left gear spring. Wires under floor plate copilot side outer were secured. Wires secured under passenger's seat section. Wires under floor baggage compartment section were secured. Stopped drilled cracks left and right strut upper and lower covers. We torqued bolts on rudder pedal copilot side shaft. Both the left and right brake caliper linings were replaced. The O-ring in both the left and right brake calipers were replaced and the brakes were bled. Install placards for fuel capacity. Secured scat tubing and wires with silicone in zip ties both wing root areas. Service the brake reservoirs with hydraulic fluid type 5606. The right wheel fairing was repaired with fiberglass. The left tire was flipped over. The aircraft was lubed and greased. The left main gear leg upper fuselage cover screws were replaced. All control surface cable tension and travels were within limits. The fuel selector plug removed, checked, reinstalled, and safety wired. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. A&P 3789786 IA James J. James

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. (<i>See</i> back pages for other specific entries.)
		A, Re GI HI ac	/C: N42818 emoved all en PS/NAV/COM DX System (S	Date: 5-17-2023 Ingine instruments, flight instruments and radios. Installed GTN750Xi I (S/N 5FR050804), PMA8000G (S/N RG2300), and Dynon Skyview ee equipment installation record for details). 337's, STC's and AFMS' off records. Weight and Balance Revision added to aircraft records. IA # 3347635
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SkyView HDX System Equipment Identification and Location

Use Table 1 to list and locate each SkyView HDX system component installed in this airplane. If the component is installed on an avionics tray, simply enter "avionics tray" under Station Location.

Table 1: SkyView HDX System Equipment List

COMPONENT	PART NUMBER	SERIAL NUMBER	STATION LOCATION	WATERLINE LOCATION	BUTTOCK LINE LOCATION
SV-HDX1100 PRIMARY DISPLAY (LEFT)	503273-000	23894	Left Panel	N/A	N/A
SV-HDX1100 SECONDARY DISPLAY (CENTER)	503273-000			N/A	N/A
SV-HDX1100 SECONDARY DISPLAY (RIGHT)	503273-000	23895	Right Panel	N/A	N/A
SV-HDX800 PRIMARY DISPLAY (LEFT)	503473-000			N/A	N/A
SV-HDX800 SECONDARY DISPLAY (CENTER)	503473-000			N/A	N/A
SV-HDX800 SECONDARY DISPLAY (RIGHT)	503473-000			N/A	N/A
SV-BAT-320 BACKUP BATTERY, PRIMARY DISPLAY (LEFT)	503294-000	31416	Avionics Tray	N/A	N/A
SV-BAT-320 BACKUP BATTERY, SECONDARY DISPLAY (CENTER)	503294-000			N/A	N/A
SV-BAT-320 BACKUP BATTERY, SECONDARY DISPLAY (RIGHT)	503294-000	31417	Avionics Tray	N/A	N/A
EFIS-D10A STANDBY DISPLAY	503296-000	13125	Left Panel	N/A	N/A
SV-MAG-236 REMOTE MAGNETOMETER	503370-000	16268	Left Wing		
SV-OAT-340 OAT SENSOR	503291-000	22723	Left Wing	LE CO	

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COMPONENT	PART NUMBER	SERIAL NUMBER	STATION LOCATION	WATERLINE LOCATION	BUTTOCK LINE LOCATION
SV-GPS-2020 GPS RECEIVER / ANTENNA	503286-000	6118	Top of Cabin		
USB PORT, PANEL MOUNT, PRIMARY DISPLAY (LEFT)	503418-000			N/A	N/A
USB PORT, PANEL MOUNT, SECONDARY DISPLAY (CENTER)	503418-000			N/A	N/A
USB PORT, PANEL MOUNT, SECONDARY DISPLAY (RIGHT)	503418-000			N/A	N/A
SV-ADAHRS-200 ADAHRS	503282-000	16621	Avionics Tray	N/A	N/A
SV-EMS-220 ENGINE MONITORING SYSTEM, ENGINE 1	503365-000	25952	Avionics Tray		
SV-EMS-220 ENGINE MONITORING SYSTEM, ENGINE 2	503365-000				
SV-ARINC-429 ARINC 429 CONVERTER	503378-000	11417	Avionics Tray		
SV-ADSB-472 ADS-B IN RECEIVER	503373-000	1997	Avionics Tray	-	1
SV-XPNDR-261 TRANSPONDER	503417-000	14781	Behind Right Panel		
AUTOPILOT SERVO - PITCH	504160-000	58047	Tailcone		
AUTOPILOT SERVO - ROLL	503933-000	28104	Left Wing		
AUTOPILOT SERVO - YAW			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
SV-KNOB-PANEL/H KNOB CONTROL PANEL #1 (HORIZONTAL)	503471-000			N/A	N/A

COMPONENT	PART NUMBER	SERIAL NUMBER	STATION LOCATION	WATERLINE LOCATION	BUTTOCK LINE LOCATION
SV-KNOB-PANEL/V KNOB CONTROL PANEL #1 (VERTICAL)	503468-000	15458	Panel	N/A	N/A
SV-KNOB-PANEL/H KNOB CONTROL PANEL #2 (HORIZONTAL)	503471-000			N/A	N/A
SV-KNOB-PANEL/V KNOB CONTROL PANEL #2 (VERTICAL)	503468-000		* /	N/A	N/A
SV-AP-PANEL/H AUTOPILOT CONTROL PANEL (HORIZONTAL)	503465-000			N/A	N/A
SV-AP-PANEL/V AUTOPILOT CONTROL PANEL (VERTICAL)	503463-000	27500	Panel	N/A	N/A
SV-COM-PANEL/H COM CONTROL PANEL (HORIZONTAL)	503460-000			N/A	N/A
SV-COM-PANEL/V COM CONTROL PANEL (VERTICAL)	503456-000	17167	Panel	N/A	N/A
SV-COM-T8 COM TRANSCEIVER	01192-00-03	1735	Behind Left Panel		
SV-BUTTON-APDISC AP DISCONNECT BUTTON	503399-000			N/A	N/A
SV-BUTTON-LEVEL LEVEL BUTTON	503397-000			N/A	N/A
CURRENT SENSOR, 0- 100A	503386-000				

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.)



Tucson Aircraft Maintenance 6330 S Aviator Ln Hangar A Tucson AZ 85735

Make: Textron (Cessna)

Model: 182L

Tail: N42818

S/N: 18259203

Hours: AFTT:5010.0 TT: 5010.0 Hobbs: 3120.7

Complied with recurring AD 2011-10-09 Inspection of seat tracks, seat roller and locking pins by visual and dimensional inspection per AD instructions. AD 2011-10-09 next due at Tach: 5110.0 or TTAF: 5110.0 or 12 calendar months, whichever occurs first (11/2024). Complied with FAR 91.207(d) inspection by testing "G" and ELT switches. ELT Battery due 11/2024. Complied with AD 83-13-01 (a) by installing placard on instrument panel. Complied with AD 83-13-01 (b) by inspecting IAW AD instructions and installing new P/N 1205253-1 Fuel Cap Alignment Placard on left and right wings. AD 83-13-01 (b) next due in 12 calendar months (11/2024). Installed new BA8103-1 air filter.

Disassembled, inspected, cleaned, and reassembled fuel strainer with new MS29513-138 and MS29513-111 o-rings. Installed 1 ea. new flexible brake hoses P/N 350-3-0080 on left and right. Installed 1 ea. new Cleveland P/N 164-02601 brake disc on left and right wheels. Bled and serviced brake systems left and right. Installed 1 ea. P/N 154-0200 brake disc on left and right wheels. Bled and serviced brake systems left and right. Greased all wheel bearings with Aeroshell #5. Installed 1 ea. P/N 154-12000 and P/N 154-12400 molded grease seals on left and right main wheels. Installed 2 ea. P/N 154-13000 molded grease seal on nose wheel. Installed 1 ea. P/N B100142-1 gaskets in left and right fuel cap. Removed Cessna 84C drain valves from left and right wings. Installed Storehouse LLC FDV2 valves using installation instructions 720CM Rev O and IAW STC SA01380CH, with permission to use, and AC 43.13-18/2B. See FAA Form 337 this date. Weight and balance cnange negligible. Re-rigged air box cable. Sealed gaps in prop control pass-through at firewall with silicone. Installed 2 ea. new P/N S1819-3 rod ends on left and right aileron bell crank push rods. Replaced left and right, upper and lower strut cuffs with Texas Aeroplastics 31-01-80A strut fairing kit. Engraved and installed new FAR 45.11(e) conforming data plate on aft fuselage forward of the horizontal stabilizer. Lubricated elevator trim tab actuator and chain with Aeroshell 64 grease. Cleaned lubricated control shaft rollers. Installed new P/N AE3663161E0254 PT 10/23 hose between oil pressure port on engine and oil pressure transducer. Relocated oil pressure transducer and secured with Adel clamps to engine mount. Installed new P/N AE3663161E0285 PT 10/23 hose between fuel control and return fitting at firewall. Installed new P/N AE3663161G0190 PT 10/23 hose between electric fuel pump and mechanical fuel pump. Installed new P/N S2416-1-31.0 alternator belt and tensioned. Supported fuel line from aux tank in left and right wing with Adel clamp and bracket to wing rib. Ground test ran, leak checked, no leaks. Operational check satisfactory.

Signed: Name: Rick Nelson

Cert: A&P 3253535

Date: 11/04/2023

EAR D Ate	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed	ections, Tests, Repairs and d with Name, Rating and Certificat ility. (See back pages for other sp	e Numb
Tucson Aircraft Maintenance				Make:	Textron (Cessna)	
6330 S Aviator Ln Hangar A Tucson AZ 85735		Model: 1	182L			
	Tucsoff AZ 63733			Tail:	N42818	
PINTEN				S/N:	18259203	
corrected operation fuel send MCS158I Rev F da this date. Connected	transducer mour satisfactory, no lers P/N CC28402 3-2 and 0726002 ted 10/20/2020, a Circuit protection dd CiES fuel trans syview HDX insta	nting to be leaks. Remo 22-0602-50 1 gasket of and IAW ST a for fuel se smitters with llation man- aks. Weight	AW Dynon Sk oved P/N 0726 1 S/N C9827 L n each side. In IC SA02511SE nders provided n Dynon Skyvie ual P/N 10326 and balance o	rview HDX and EI FT60 IMs. V 110-1 fuel transmitter from L/H H and S/N C9828 R/H along v stallation performed using Insta , with permission to use, and A by a Klixon 7274-2-2 2A push w HDX, incrementally filled tar	allation Document CC-TR-2840-031 C 43.13-1B/2B. See FAA form 337 -pull circuit breaker on the main bus. ks and calibrated fuel levels IAW Leak checked after tanks sitting	
full for se	gs, under cabin flo	por and abo	ve headliner w	ith spiral wrap, caterpillar track	and zip ties and/or rerouting as Cert: A&P 2674482	

November 04, 2023 N42818 Tach Time 5010.0 TTAF 5010.0

I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. ADs researched and current through November 04, 2023.

Jess Smith

A&P 3069970 IA