## **INSTRUCTIONS**

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations:
91.411 Altimeter system and altitude reporting equipment tests and inspections,
91.413 ATC transponder tests and inspections,

and

43.9, 43.11 and 91.215, and/or other prevailing government regulations.

NOTE: Record required tests in the back of this record

Record Service Letters and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record.

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DATE	TOTAL IN SEF HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
11-8	250	.	Removed ADF Radio Part# 066-1072-14, Ser# 69888: Replaced with same model KR87, Part# 066-1072-14 Ser# 7/287: Checked System, good: Return aircraft Buck to Service: -END-	John D. Rell AP#462085248
	N419 XV452	silli	Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 parts@howellsaircraft.com  04/26/2002 Tach 563.9 Removed comm radios, KX155A. Installed new comm radios, KX155A. Serial #s ON 23.00 parts@howellsaircraft to service per work performed.	STAR

## MAINTENANCE RECORD

	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
HOURS J 1	MAKE Cessina MODEL 1825 SIN 18280353 REG NO. N4195E WORK ORDER 1370  Alframe Entries  Troubleshoot Turn Coordinator intermittent Troubleshot Turn Coordinator is intermittent and found to be faulty. Removed turn coordinator P/N 1394T100-10RARX S/N D04-10810 for repair by Outside Vendor. Installed overhauled turn coordinator P/N coordinator P/N 1394T100-10RARX S/N D04-10810 for repair by Outside Vendor. Installed overhauled turn coordinator P/N Replace milesting Installed Overhau	N:
	The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service Pertinent details are on file at this facility under Work Order No. 379  DATE: 4/9/2018  SIGNED:  Work Order: 13:	
730	20- Alfaningoli various para la	
TE TOTA IN SE	MAINTENANCE RECORD	TER SIGNATURE
HOURS	MAINTENANCE RECORD  FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363 DG2R767K LOG ID# 5050 09-October-2018 WO# 19035/1 REF# 19035 Document# FL13 AC TT 2251.4 N4195E S/N 18280363 CESSNA 182S  Pg 1 /	IIZED SIGNATURE, TIFICATE TYPE 3. NUMBER
HOURS	FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363 DG2R767K LOG ID# 5050 09-October-2018 WO# 19035/1 REF# 19035 Document# FL13 AC TT 2251.4 N4195E S/N 18280363 CESSNA 182S Pg 1/  **** ITEM # 19035-1 KAP-140 **** DISCREPANCY: Gives pitch trim fail. Model: KAP-140 Part#: n/a Serial#: N/A ACTION: Ramp checked autopilot. System gives constant message "check pitch trim" then fail. Traced problem to bad pitch servo. Removed servo from aircraft (task 2). Reinstalled exchange servo in aircraft. Ramp check of autopilot normal.	TIFICATE TYPE & NUMBER
HOURS	FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363 DG2R767K LOG ID# 5050 09-October-2018 WO# 19035/1 REF# 19035 Document# FL13 AC TT 2251.4 N4195E S/N 18280363 CESSNA 182S Pg 1/  **** ITEM # 19035-1 KAP-140 **** DISCREPANCY: Gives pitch trim fail. Model: KAP-140 Part#: n/a Serial#: N/A ACTION: Ramp checked autopilot. System gives constant message "check pitch trim" then fail. Traced problem to bad pitch servo. Removed servo from aircraft (task 2). Reinstalled exchange servo in aircraft. Ramp check of autopilot normal.  **** ITEM # 19035-2 KS-270C **** DISCREPANCY: Pitch trim fail. Model: KS-270C Part#: 065-00178-2200 Serial#: 1742 ACTION: Sench checked servo, confirmed problem. Found bad strain gauge output. Replaced servo KS-270C p/n 065-00178-2200 s/n 1742 with factory overhauled exchange servo KS-270C p/n 065-00178-2200 s/n 1742 with factory overhauled exchange servo KS-270C p/n 065-00178-2200 s/n 1742 with factory overhauled exchange servo KS-270C p/n 065-00178-2200 s/n 1742 with factory overhauled exchange servo KS-270C p/n 065-00178-2200 s/n	TIFICATE TYPE & NUMBER
HOURS	FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363 DG2R767K LOG ID# 5050 09-October-2018 WO# 19035/1 REF# 19035 Document# FL13 AC TT 2251.4 N4195E S/N 18280363 CESSNA 182S  Pg 1/  **** ITEM # 19035-1 KAP-140 **** DISCREPANCY: Gives pitch trim fail. Model: KAP-140 Part#: n/a Serial#: N/A ACTION: Ramp checked autopilot. System gives constant message "check pitch trim" then fail. Traced problem to bad pitch servo. Removed servo from aircraft (task 2). Reinstalled exchange servo in aircraft. Ramp check of autopilot normal.  **** ITEM # 19035-2 KS-270C **** DISCREPANCY: Pitch trim fail Model: KS-270C Part#: 065-00178-2200 Serial#: 1742 ACTION: Bench checked servo, confirmed problem. Found bad strain gauge output. Replaced servo KS-270c n/n 065-00178-2200 s/n 1742 with factory overhauled exchange servo KS-270C p/n	TIFICATE TYPE & NUMBER
	IN SERVIC	IN SERVICE HOURS  MAKE Cessna MODEL 1825 Sen 18280363 REG NO. N4195E WORK ORDER 1370  Aliframe Entries  Troubleshoot Turn Coordinator intermittent Troubleshot Turn Coordinator is intermittent and found to be faulty. Removed turn coordinator P/N 1394T100-10RARX S/N D04-10610 for repair by Outside Vendor. Installed overhauled turn coordinator P/N 1394T100-10RARX S/N D04-10610. Function Check Satisfactory Replace missing Interior Trim screws Replaced 2 interior screws as needed Service Nose Strut Serviced Nose Strut per Cessna Manual Chapter 12 as needed.  The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service Pertinent details are on file at this facility under Wark Order No 1376  DATE: 4/8/2018  SIGNED:  Work Order: 13 Pat Pennington, A&P. 3058066  Printed by EBis 3 (datcomedia co

TC IN HOU	OF	DFW INSTRU 16445 ADDISON 2 <sup>MD</sup> FLOOR HAN ADDISON, TX 75	ROAD GAR 2		FAX: # FAA CR	214-217-7600 214-217-8307 S #DZMR112L ASA 145.6555
100	A COL	ADDISON, 1X /S	MAINTENA	ANCE RECORD		
	custo	MER: MIKE EFTI	NG	MODEL 4830	A/C S/N: 18280363	
		6: N4195E	A/C MAKE: CESSNA	MODEL: 182S	TACH: 1871.3	
	A/C TO	TAL TIME:	A/C TOTAL CYCLE:	HOBBS: 2099.7	TACH, TOTALS	
	THE THAS B	AA 337 DATED 11/18 ESTS AND INSPECT EEN FOUND TO MEI ALTIMETER: P/N ESTS AND INSPECT EEN FOUND TO ME	IONS REQUIRED BY 14 CFR 91.4 ET THE REQUIREMENTS OF 14 C	111 HAVE BEEN PERFORME CFR 43, APP E. T. TO 20 K FT.	D AND THE EQUIPMENT LISTE	
	INSPE	CTOR SIGNATURE	EOR RETURN TO SERVICE FOR		18/2016 W/O: DF4324	10
	FAA					
	FAA		MAINTE	ENANCE RECORD		
	TOTAL		MAINTE	ENANCE RECORD		RIZED SIG
			NICS, INC. 4786 AIRPORT PKW 1-January-2019 WO# 19133/1	V ADDISON TX 75001-336	33 DG2R767K FL13 AC TT 2265.0	* NUMBE
	TOTAL IN SER	FLITE ELECTROI LOG ID# 5148 3 N4195E S/N 18 DISCREPANCY: AUTO Model: KAP-140 E	NICS, INC. 4786 AIRPORT PKW 1-January-2019 WO# 19133/1	Y ADDISON, TX 75001-336 REF# 19133 Document# I	ond. Gained access to pitch	/ 1
	TOTAL IN SER	FLITE ELECTROI LOG ID# 5148 3 N4195E S/N 18  DISCREPANCY: AUTO Model: KAP-140 6 ACTION: Ramp check servo. Servo rest from aircraft for check normal.  DISCREPANCY: Check Model: KM-275 Pa ACTION: Bench che capstan/servo mod 26 in/lbs. Servo	NICS, INC. 4786 AIRPORT PKW 1-January-2019 WO# 19133/1 3280363 CESSNA 182S  ppilot Does not pitch down. Part#: n/a Serial#: N/A ked autopilot. Found pitch se bonding to up/down commands. R bench check. Reinstalled ser k slip clutch torque. krt#: 065-0030-00 Serial#: 42 cked servo mount. Found clutc mount check normal.	Y ADDISON, TX 75001-336 REF#19133 Document# I  rvo weak and slow to respemoved pitch servo (task vo mount and servo after	ond. Gained access to pitch 3) and servo mount (task 2) repair. Autopilot system ramp	/ 1
	TOTAL IN SER	FLITE ELECTROI LOG ID# 5148 3 N4195E S/N 18  DISCREPANCY: Auto Model: KAP-140 6 ACTION: Ramp che servo. Servo res from aircraft for check normal.  DISCREPANCY: Chec Model: KM-275 Pa ACTION: Bench che capstan/servo mo 26 in/lbs. Servo  DISCREPANCY: Bench Model: KS-270C P ACTION: Bench che ACTION: Bench che	NICS, INC. 4786 AIRPORT PKW 1-January-2019 WO# 19133/1 3280363 CESSNA 182S  Opilot Does not pitch down. Part#: n/a Serial#: N/A ked autopilot. Found pitch se opining to up/down commands. R bench check. Reinstalled ser  k slip clutch torque. Int#: 065-0030-00 Serial#: 42 cked servo mount. Found clutc int. Cleaned clutch pads. Clea mount check normal.  h check servo. art#: 056-00178-2200 Serial# cked servo. No problems found	Y ADDISON, TX 75001-336 REF# 19133 Document# I  rvo weak and slow to respenoved pitch servo (task vo mount and servo after  503 h slipping at approximate ned housings. Reassembled  : 7966 . Function check normal.	ond. Gained access to pitch 3) and servo mount (task 2) repair. Autopilot system ramp  ly 15 in/lbs. Disassembled , set slip clutch torque to	/ 1
	TOTAL IN SER	FLITE ELECTROI LOG ID# 5148 3 N4195E S/N 18  DISCREPANCY: Auto Model: KAP-140 6 ACTION: Ramp check servo. Servo res from aircraft for check normal.  DISCREPANCY: Chec Model: KM-275 Pa ACTION: Bench che capstan/servo mot 26 in/lbs. Servo DISCREPANCY: Benc Model: KS-270C P ACTION: Bench che The aircraft iden Administration re performed.	NICS, INC. 4786 AIRPORT PKW 1-January-2019 WO# 19133/1 8280363 CESSNA 182S  ppilot Does not pitch down. part#: n/a Serial#: N/A ked autopilot. Found pitch se bonding to up/down commands. R bench check. Reinstalled ser k slip clutch torque. kr#: 065-0030-00 Serial#: 42 cked servo mount. Found clutc int. Cleaned clutch pads. Clea mount check normal. h check servo. art#: 056-00178-2200 Serial# cked servo. No problems found tified was repaired and/or in gulations and is hereby appro	rvo weak and slow to respendoved pitch servo (task vo mount and servo after slipping at approximate ned housings. Reassembled 7966 . Function check normal.	ond. Gained access to pitch 3) and servo mount (task 2) repair. Autopilot system rams ly 15 in/lbs. Disassembled , set slip clutch torque to	/ 1

## MAINTENANCE RECORD

DATE	IN SERVICE		IN SER	IN SER	IN SERV	RVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE
19	HOURS	10ths		& NUMBER				
- 1								
- 1								
-								
	- 1							
- 1								
				6 A - 1 A -				
	- 1							
		- 1						



WRISTON AVIATION

(214) 212-0499 C.R.S. R2FR683J

Customer Name:	N4195E
Date: 8 16 2019	ALT. P/N: EFD-1000
ALT. Make: Ayer	ALT S/N: 24844
CHECKED BY:	

ALTIMETER SCA	ALE CORREC	TION CARD	0	W/O# (	70813
ALTITUDE FEET	ALTIME UP	TER READS TOLERANCE	ALTITUDE FEET	ALTIMET UP	ER READS TOLERANCE
-1000	-100	± 20	12000	11995	<u>+</u> 90
0	-10	± 20	14000	13990	<u>+</u> 100
500	495	<u>+</u> 20	16000	15990	<u>+</u> 110
1000	995	± 20	18000	17990	<u>+</u> 120
1500	1495	<u>+</u> 25	20000	19990	<u>+</u> 130
2000	1995	<u>+</u> 30	22000		<u>+</u> 140
3000	2995	± 30	25000		<u>+</u> 155
4000	3995	± 35	30000		<u>+</u> 180
6000	5995	<u>+</u> 40	35000		<u>+</u> 205
8000	7995	<u>+</u> 60	40000		<u>+</u> 230
10000	9995	<u>+</u> 80	45000		<u>+</u> 255
			50000		± 280

AUTHORIZED SIGNATURE, ATE TYPE MBER

2FR683J

METER AND STATIC **RED BY FAR 91.411** IN ACCORDANCE WITH ALTIMETER WAS FEET ON 8/13/2019 HE TEST ARE ON FILE VORKORDER NO. 190813 ED FOR C.R.S. No. R2FR683J

SPONDER MAKE A PORCE AS INSTALLED IN ESTED AS REQUIRED NCE WITH FAR 43 X 13 2019 TACH 2666, C DRKOBDERNO. (90813

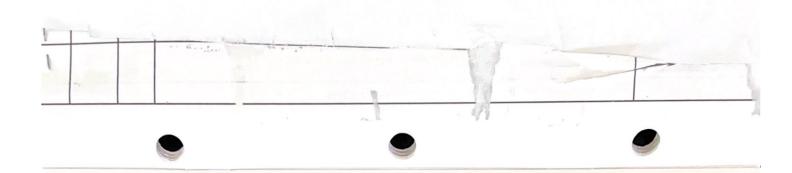
FOR C.R.S. No. R2FR683J Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y LOG ID# 1784 10-May-2021 WO# 4435 SA 20 S/N 18280363 N4195E CESSNA TACH 2187.8

Pg 1/2

Removed the following equipment: King KMA 26 Audio Panel King KLN 94 Gps Receiver King KX 155A Nav/Com KIng KA 92 Gps Antenna KIng KA 92 Gps Antenna SigmaTek 5000B-67 Attitude Indicator

Installed the following equipment:
Garmin GMA 35C Audio Panel P/N 011-02299-40
Garmin GTN 750XI Nav/Com/Gps P/N 011-04634-00
Garmin GDL 69A XM Receiver P/N 011-00987-00
Garmin GA 55 XM Antenna P/N 013-00235-00
Garmin GA 35 GPS Antenna P/N 013-00235-00
Garmin GI 275 Electronic Standby Instrument P/N 011-04489-20
Garmin GMU 11 Magnotometer P/N 011-04349-01
Garmin GTP 59 Temp Probe P/N 011-00978-00

Garmin GTN 750XI was done as per STC SA 02019SE-D. Garmin GI 275 was done as per STC SA02658SE. Garmin GDL 69A Installation was done as per STC SA01487SE-D. All equipment installed as per Manufacturer's Instructions and in accordance with AC 43.13-1B/2B. The following manuals were used for reference: Garmin GTN 750XI / 650XI Installation Manual P/N 190-01007-CO Rev 3 March 2021, Garmin GI 275 Installation Manual P/N 190-02246-10 Rev 8 April 2021, and Garmin GDL 69A Installation Manual P/N 190-00355-02 Rev N February 2020.



Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y LOG ID# 1784 10-May-2021 WO# 4435 SA 20

182S CESSNA N4195E S/N 18280363

Pg 2/2

Recomputed weight and balance and entered into aircraft records.

All wiring meets requirements of AC 43.13-18 chapter 11. Wiring was routed and secured as per AC 43.13-18 chapter 11. Circuit protection was used as per AC 43.13-18 chapter 11. Electrical load does not exceed limits as per AC 43.13-18 chapter 11. Wiring also meets requirements of AC 43.13 -28 chapter 2. All installed equipment was checked for EMI interference as per AC 43.13-18 chapter 11. All effected systems were tested accordingly to show compliance with 14 CFR 23.1301.

FAA Approved Flight Manual Supplement for the GTN 750XI P/N 190-01007-C2 Rev 3 December 2020 has been provided to the aircraft owner/operator and must be on board the aircraft for this ristallation. FAA Approved Flight Manual Supplement for the GI 275 P/N 190-02246-12 Rev 4 December 2020 has been provided to the aircraft owner/operator and must be on board the aircraft for this installation. The aircraft/appliance identified above was repaired in accordance with current Federal Aviation the aircraft/appliance identified above to service with respect to work performed.

/ Land CR951¥ Jerry Huntley

5/10/21 Date

## MAINTENANCE RECORD

TE	TOTAL TIME IN SERVICE		HORIZED SIGNATU FRTIFICATE TYPE JMBER
	HOURS	Select Avionics, LLC.       1500 E. Industrial Blvd       Ste 121 McKinney, TX 75069 5ECR951Y         LOG ID# 1843 07-October-2021 WO# 4541 SA 20         N4195E S/N 18280363 CESSNA 182S TACH 2244.5       Pg 1 /	3
		Removed the following equipment: Aspen EFD 1000 Pro PFD P/N 910-00001-001 Aspen Analog Converter Unit P/N 910-00004-001 Aspen Remote Sensor Module P/N 910-00003-001 Aspen Config Module P/N 910-00005-004 King KR 87 ADF Receiver P/N 066-1072-14 King KI 227 ADF Indicator P/N 066-3063-00 King KA 448 ADF Antenna P/N 071-1234-00	
		King KAP 140 Autopilot Computer P/N 065-00176-5403 King KS 272C Trim Servo P/N 065-00181-2700 King KS 270C Pitch Servo P/N 065-00178-2200 King KS 271C Roll Servo P/N 065-00179-0100 JPI EDM 700 Engine Monitor P/N EGT701-C-F Sigma-Tek Airspeed Indicator P/N EA5175-20PTL-CES Davtron Clock P/N 803 Cessna Tachometer P/N SL1010-004-1-1 Cessna F/F Man Press Indicator P/N MD-180 Cessna Fuel Quantity Indicator P/N FQ4044-12013	
		Cessna Oil Temp/Press Indicator P/N EGS045-06011 Cessna EGT/CHT Indicator P/N EG2850-04028 Cessna Vac/Amp Indicator P/N EG2707-06014 Turn Coordinator P/N 139T100-10RA Hobbs Meter P/N C664503-0103 TCI SSD 120 Blind Encoder	
		MAINTENANCE RECORD	
TE	TOTAL TIME IN SER' HOURS		DRIZED SIGNATUI ICATE TYPE UMBER
ΤE	IN SER		ICATE TYPE
TE	IN SER	Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y LOG ID# 1843 07-October-2021 WO# 4541 SA 20 N4195E S/N 18280363 CESSNA 182S TACH 2244.5 Pg 2/3  Installed the following equipment: Garmin GDU 1060 Display P/N 011-03308-20 Garmin GSU 75 ADAHRS P/N 011-03094-00 Garmin GMU 44 Magnotometer P/N 011-00870-10 Garmin GMC 507 Autopilot Computer P/N 011-04548-01 Garmin GSA 28 Autopilot Servo (3) P/N 011-02927-11 JPI EDM 930 Engine Monitor P/N 790000C-302 L3 WX 500 Processor P/N 805-11500-001 L3 WX 500 Antenna P/N 805-10930-001 Stratus Charging Port P/N 153010-000122	ICATE TYPE
	IN SER' HOURS	Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y LOG ID# 1843 07-October-2021 WO# 4541 SA 20 N4195E S/N 18280363 CESSNA 182S TACH 2244.5 Pg 2/3  Installed the following equipment: Garmin GDU 1060 Display P/N 011-03308-20 Garmin GSU 75 ADAHRS P/N 011-03094-00 Garmin GMU 44 Magnotometer P/N 011-00870-10 Garmin GMF 59 Temp Probe P/N 011-00978-00 Garmin GMF 59 Temp Probe P/N 011-00978-00 Garmin GSA 28 Autopilot Servo ( 3 ) P/N 011-04548-01 Garmin GSA 28 Autopilot Servo ( 3 ) P/N 011-02927-11 JPI EDM 930 Engine Monitor P/N 790000C-302 L3 WX 500 Processor P/N 805-11500-001 L3 WX 500 Antenna P/N 805-10930-001 Stratus Charging Port P/N 153010-000122  Garmin G500TXI Installation was done as per STC SA02571SE. Garmin GFC 500 Installation was done as per STC SA01866WI. All equipment installed as per Manufacturer's Instructions and in accordance with AC 43.13-18/2B. The following manuals were used for reference: Garmin G500TXI Installation Manual P/N 190-02291-00 Rev 17 February 2021, and L3 wX 500 Installation Manual P/N 902-11503-001 Rev M July 2021.	ICATE TYPE
	IN SER' HOURS	Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y LOG ID# 1843 07-October-2021 WO# 4541 SA 20 N4195E S/N 18280363 CESSNA 182S TACH 2244.5 Pg 2/3  Installed the following equipment: Garmin GDU 1060 Display P/N 011-0308-20 Garmin GSU 75 ADAHRS P/N 011-03094-00 Garmin GMU 44 Magnotometer P/N 011-00870-10 Garmin GFS 97 Temp Probe P/N 011-00870-10 Garmin GMC 507 Autopilot Computer P/N 011-04548-01 Garmin GMC 507 Autopilot Computer P/N 011-02927-11 JPI EDM 930 Engine Monitor P/N 790000C-302 L3 WX 500 Processor P/N 805-11500-001 L3 WX 500 Antenna P/N 805-10930-001 Stratus Charging Port P/N 153010-000122  Garmin GS00TXI Installation was done as per STC SA02571SE. Garmin GFC 500 Installation was done as per STC SA01866WI. All equipment installed as per Manufacturer's Instructions and in accordance with AC 43.13-18/2B. The following manuals were used for reference: Garmin GS00TXI Installation Manual P/N 190-01717-B3 Rev 12 July 2011. Garmin GFC 500 Installation Manual	

	N4195E S/N 18280363 CESSNA 182S TACH 2244.5 Pg 3/3	
TOTAI IN SE	chapter 2. All installed equipment was checked for EMI interference as per AC 43.13-18 chapter 11. All effected systems were tested accordingly to show compliance with 14 CFR 23.1301.  FAA Approved Flight Manual Supplement for the G500 TXI P/N 190-01717-BZ Rev 6 July 2021 has been provided to the aircraft owner/operator and must be on hourse the system.	ZED SIGN/
HOURS	Approved Flight Manual Supplement for the GFC 500 P/N 190-02291-06 Rev 6 September 2020 has been provided to the aircraft owner/operator and must be on board the aircraft for this installation.	NUMBER
	The aircraft/appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service with respect to work performed.	
	SCR9512 Jerry Huntley Date	
	Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y	
	LOG ID# 1845 07-October-2021 WO# 4541 SA 20 N4195E S/N 18280363 CESSNA 182S TACH 2244.5 Pg 1 /	11
_	***** IFR CERTIFICATION LOGBOOK ENTRY *****  (PLACE IN AIRCRAFT LOG VALID FOR 24 MONTHS)	_
	The aircraft Altimeter was tested to an altitude of 20,000 feet and found to comply with FAR 91.411.	
	The automatic pressure altitude reporting equipment was tested and found to comply with FAR 91.411.	
	The ATC Transponder was tested and found to comply with FAR 91.413.  The aircraft static system was tested in accordance with Appendix E of Part 43.	
	June 1/10/2/2/	
	SECR951Y Jerry Huntley Date	
LO	Aero Services LLC 4148 Greenfield Drive Richardson, TX 75082  G ID# 1844 07-October-2021 WO# 4541 SA 20  105F S/N 18280363 CFSSNA 1825 TACH 2244.5  Pg 1/2	
LO	G ID# 1844 07-October-2021 WO# 4541 SA 20	IORIZED SIGNA
Remo Cess Vacu Stan Vacu	GID# 1844 07-October-2021 WO# 4541 SA 20 195E S/N 18280363 CESSNA 182S TACH 2244.5  Oved the following equipment: sna Engine Instrumentation Jum System ndby Vacuum System Jum Regulator tion Gage	IORIZED SIGNAT ERTIFICATE TYP & NUMBER
Remo Cess Vacu Stan Vacu Suct Air	GID# 1844 07-October-2021 WO# 4541 SA 20 195E S/N 18280363 CESSNA 182S TACH 2244.5  oved the following equipment: sna Engine Instrumentation num System dby Vacuum System num Regulator tion Gage Filter  talled the following equipment:	ERTIFICATE TYPE
Remo (ess vacu stan vacu suct Air Inst JPI EDM Inst	GID# 1844 07-October-2021 WO# 4541 SA 20 195E S/N 18280363 CESSNA 182S TACH 2244.5  Oved the following equipment: sna Engine Instrumentation Jum System Indby Vacuum System Jum Regulator tion Gage Filter  talled the following equipment: EDM 930 Engine Monitor  930 Installation was done as per STC SA01435SE. All equipment installed as per Manufacturer's tructions and in accordance with AC 43.13-18/2B. The following manuals were used for reference: 930 Installation Manual P/N 908 Rev M July 2021.	ERTIFICATE TYPE
Remo Cess vacu Stan Vacu Such Air EDM Inst EDM Inst EDM All 43	GID# 1844 07-October-2021 WO# 4541 SA 20 195E S/N 18280363 CESSNA 182S TACH 2244.5  Oved the following equipment: In a Engine Instrumentation IN System IN Regulator IN The system IN Regulator IN The system IN The	ERTIFICATE TYPE
Remo Cess Vacu Stan Vacu S	GID# 1844 07-October-2021 WO# 4541 SA 20 195E S/N 18280363 CESSNA 182S TACH 2244.5  Oved the following equipment: sna Engine Instrumentation JUM System JUM Regulator Tion Gage Filter  talled the following equipment: EDM 930 Engine Monitor  930 Installation was done as per STC SA01435SE. All equipment installed as per Manufacturer's tructions and in accordance with AC 43.13-18/28. The following manuals were used for reference: 930 Installation Manual P/N 908 Rev M July 2021.  wiring meets requirements of AC 43.13-18 chapter 11. Wiring was routed and secured as per AC 13-18 Chapter 11. Circuit protection was used as per AC 43.13-18 chapter 11. Electrical load does t exceed limits as per AC 43.13-18 chapter 11.	ERTIFICATE TYPE
Remo Cess Vacuu Stan Vacu Stan Vacu Sucu Stan Vacu Sucu Sucu Sucu Sucu Sucu Sucu Sucu S	GID# 1844 07-October-2021 WO# 4541 SA 20 195E S/N 18280363 CESSNA 182S TACH 2244.5  Oved the following equipment: sna Engine Instrumentation Jum System Indby Vacuum System Jum Regulator tion Gage Filter  talled the following equipment: EDM 930 Engine Monitor  930 Installation was done as per STC SA01435SE. All equipment installed as per Manufacturer's tructions and in accordance with AC 43.13-18/2B. The following manuals were used for reference: 930 Installation Manual P/N 908 Rev M July 2021.  wiring meets requirements of AC 43.13-1B chapter 11. Wiring was routed and secured as per AC 13-1B chapter 11. Circuit protection was used as per AC 43.13-1B chapter 11. Electrical load does t exceed limits as per AC 43.13-1B chapter 11. Wiring also meets requirements of AC 43.13 -2B pter 2. All installed equipment was checked for EMI interference as per AC 43.13-1B chapter 11. effected systems were tested accordingly to show compliance with 14 CFR 23.1301.	ERTIFICATE TYPE
Remo Cess Vacuu Stan Vacu Stan Vacu Sucu Stan Vacu Sucu Sucu Sucu Sucu Sucu Sucu Sucu S	GID# 1844 07-October-2021 WO# 4541 SA 20 195E S/N 18280363 CESSNA 1828 TACH 2244.5  Doved the following equipment:  Interpret System Index Vacuum System Interpret System Interp	ERTIFICATE TYPE

WRISTON	AVIATION	Customer Na		N4195E		1		
		ALT, Make:	15/2023	ALT. P/N:	GSU75			
(214) 212-0	0499	Checked by:	Garan	ALT. SIN.	1 1006656			
C.R.S. R2FF			Br	market	1			
	- 20		-	)		D.R.S. R2	FR683J	
		RRECTION CARD	)	W/0# 2	31115A		ETER AND STATIC	-
ALTITUDE	ALTIM	ETER READS	ALTITUDE	ALTIME	TER READS		ETER AND STATIC ED BY FAR 91,411	1
FEET	UP	TOLERANCE		UP	TOLERANCE	IEFORMED IN	ACCORDANCE WITH	
-1,000	0-1000	± 20	12,000		± 90	DIX E. THE AL	LTIMETER WAS	
0		± 20	14,000		± 90 ± 100	0,000 FE	ET ON 11/15/2023	
500		± 20	16,000	(6000		TAILS OF THE	E TEST ARE ON FILE	1
1,000	-	± 20			± 110	CY UNDER W	ORKOBDER NO. 231115	
1,500	1000	± 20 ± 25	18,000	(8000)	± 120	SIGNED		
2,000	1200		20,000	50000	± 130	ATION	C.R.S. No. R2FR683	, 1
		± 30	22,000		± 140	THIS TRANS	PONDER MAKE Agares S	1_
3,000	3000	± 30	25,000		± 155	= S/+ S/N 0	ONDER MAKE _ NOTALLED IN	
4,00	COOO	± 35	30,000		± 180	HAS REEN TE	STED AS REQUIRED	1
6,000	6000	± 40	35,000		± 205		CE WITH FAR 43	
8,000	8000	± 60	40,000		± 205		16 15 2023 TACH 2471,2	
10,000	iocco	± 80	45,000				TEST ARE ON FILE	-1
	- Com-	1 00			± 255		RKORDERING 231115A	
			50,000		± 280	SIGNED_	FOR	
							C.R.S. No. R2FR683	.
					***************************************	VIATION	9 C.H.S. NO. NEI 1100-	1
								-
		****			(214)212-04	20		$\dashv$
	_				(214)2120.	19		
		1						
	6							
	6							
	6							
			MA	AINTENANC	CE RECORD			
TOTAL T	TRAC		MA	AINTENANC	DE RECORD			
TOTAL T							AUTHORIZED SIGN	
IN SERV					CE RECORD  WORK PERFORME	)	CERTIFICATE T	YPE
IN SERV	VICE					0		YPE
IN SERV	VICE					D.	CERTIFICATE T	YPE
IN SERV	VICE					D	CERTIFICATE T	YPE
IN SERV	VICE					D	CERTIFICATE T	YPE
IN SERV	VICE		DESCRIPTI			D	CERTIFICATE T	YPE
IN SERV	VICE		DESCRIPTI			D	CERTIFICATE T	YPE
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IN SERV	VICE		DESCRIPTI			D	CERTIFICATE T	YPI
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IN SERV	VICE		DESCRIPTI			D	CERTIFICATE T	YPE
IN SERV	VICE		DESCRIPTI			D	CERTIFICATE T	YPE
IN SERV	VICE		DESCRIPTI			D	CERTIFICATE T	YPE
IN SERV	VICE		DESCRIPTION	TION OF THE W			CERTIFICATE T & NUMBER	YPE
HOURS	VICE 10ths		DESCRIPTION	TION OF THE W	VORK PERFORME		CERTIFICATE T	YPE
HOURS	VICE 10ths		DESCRIPTION	TION OF THE W	VORK PERFORME		CERTIFICATE T & NUMBER	YPE