

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AVIONICS
MAINTENANCE
RECORDS**

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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9/28/13
El Paso Aero, Inc. N#: N5405T Mfg: Cessna Model: 172E
 Avionics Associates S/N: 17251305 W.O.#: 65383 Date: 9/28/13
 7305 Boeing Drive
 El Paso, Texas 79925
 FAA CRS#VL1R562K

Functional flight check of Garmin GTN 650 system was conducted this date and operations satisfactory return of a/c to service.

[Signature]
 David A. Rankin

Date: 6/18/19 Sun Aviation, Inc. A/C Reg#: N5405T
 Hobbs: 1148.5 Avionics A/C Serial#: 17251305
 WO#: A003456 Aircraft Log A/C Model: 172E

The Following Altimeter(s), Altitude Encoder, and Static Pressure System(s) have been inspected IAW FAR 91.411 and conform to FAR PT 43, Appendix E, to 20,000 FT.

Altimeter Model: LA-71-11 S/N: 1318
 Encoder Model: AK-350 S/N: 3517395

The following transponder(s) have been inspected IAW FAR 91.413 and conform to FAR PT 43, Appendix F
 XPDR Model: GTX 327 S/N: 83747963

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature: *[Signature]* FAA CRS ECWD470D
Sun Aviation, Inc. Vero Beach, FL. 32960 (772) 562-9257

Treasure Coast Avionics, Inc
 3800 Saint Lucie Blvd
 Fort Pierce, FL 34946
 FAA CRS# YHLR983K

N#: N5405T Mfr: Cessna Model: 172E S/N: 17251305
 Date: 12/30/2019 W.O.#: 11954

Removed Garmin GTX-327 Transponder from radio stack. Installed Garmin GTX-345 ADS-B In/Out transponder in same location. Garmin GTX-345 transponder was interfaced to existing Garmin GTN-650 Touchscreen navigator, AmeriKing AK-350 altitude encoder and Garmin GMA-340 Audio Panel. The above installation was made in accordance with: Equipment manufacturer's installation manual, aircraft manufacturer's standard procedures for avionics installations, AC 43.13-2B chapters 2 & 3, AC 43.13-1B chapter 7, section 2, 7-14 para (a) (b) (c), 7-16 para (b) (c), 7-17, section 4, 7-63, 7-64 para (a), section 5, 7-86, 7-87, chapter 10, and chapter 11 sections 3,4,8,9,10,13, 15, 16, & 17, and in accordance with Part 23, 23.2505, 23.2510, 23.2515, 23.2520 & 23.2605, Garmin STC #SA01714WI dated 09/09/2019. Garmin Flight Manual Supplement p/n 190-00734-15 Rev 4 and Instructions for continued airworthiness p/n 190-00734-11 Rev 7 for Garmin GTX-345 Transponder have been installed in the aircraft. The installed ADS-B out system was shown to meet the equipment performance requirements of 14 CFR Part 91.227. The current electrical load analysis remains the same. Operational checks satisfactory. Weight & balance and Equipment list updated. Logbook entry made.

[Signature]
 Joel A. Hernando, FAA CRS# YHLR983K

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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I CERTIFY THAT THE ALTIMETER, ENCODING SYSTEM AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED: THE ALTIMETER: PILOTS S/N: 01319
 WAS/WERE TESTED TO: N/A 26 K FT
 I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED AND FOUND TO COMPLY:
 XPDR # 1 M/N: GTX 345 S/N: 3EG031432
 XPDR # 2 M/N: N/A S/N: N/A

SIGNATURE: *[Signature]* DATE: 7/16/21
TOMLINSON AVIONICS OF FLORIDA INC.
 521 DANLEY DR, FT. MYERS, FL. 33907
 FAA CRS # V6TR097X,

Cessna C172E N5405T

I certify that the altimeter and static system tests required by 14 CFR part 91.411 and transponder tests, including data correspondence, required by 91.413 have been performed and found to comply with 14 CFR part 43, appendices E and F
 Altimeter Model: United 5934 Serial No. 01319
 Transponder Model: Garmin GTX 345 Serial No. 3EG031432
 Encoder Model: Ameri-King 350 Serial No. 3517395
 The Altimeter was tested to 15,000 FT on Date 11-19-2024
 Encoder data correspondence was tested to 15,000 FT on Date 11-19-2024

Buckeye Air
 2197 Refugee Rd
 Hebron, OH 43025
 Pertinent details of the testing are on the file at this repair station under work order
 Number 287 Date 11-19-2024
 Signed: *[Signature]* For FAA Repair Station No. 8JIR212D
 Form 6

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
4/24/09	4260.7		ACFT. AVIONICS LOG SWITCHED TO AD LOG SYSTEM THIS DATE. REFER TO ACFT. ARCHIVES FOR PRIOR ENTRIES. @Bann AEP 549721241

N5405T ✦ SANTA FE Airframe Log

AERO SERVICES

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

Date: 6-29-2011 Make: CESSNA Model: 172E S/N: 17251305

Tach: 019.11 Hobbs: 905.9 TTAF: N/A

The transponder test and inspections required by FAR 91.413 have been performed and found to comply with FAR 43 Appd. F. The integrated system was tested as required by FAR 91.413 and FAR 91.217 and found to comply with FAR 43 Appd. E (c).

(#1 Model No.) RT-777 (S/N) 5017 (Date) 6-29-2011
 (#2 Model No.) N/A (S/N) N/A (Date) N/A

Brandon Maestas for PUVR537X

Brandon Maestas

Work accomplished at Santa Fe Aero Services, LLC. Reference work order #

EL PASO JET N54045
 7201 Boeing Drive, El Paso, TX 79925
 Tel: (915) 774 0170

7/24/12 Altimeter - Static - ATC Transponder test required by FAR 91.413 were performed and complies with part 43 appendix F.

ATC Transponder PN RT777 SN 5017

I certify that the aircraft and/or component identified above was repaired and inspected in accordance with current FAR's and is presently airworthy in respect to the work performed and approved for return to service. Details on file under Work order# 2219

Signed: *[Signature]*
 El Paso Jet
 7201 Boeing Drive, El Paso, TX 79925
 CRS NO: E1JR602N

Date: 07242012

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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El Paso Aero, Inc.
 Avionics Associates
 7305 Boeing Drive
 El Paso, Texas 79925
 FAA CRS#VL1R562K

N#: N5405T
 S/N: 17251305
 Tach: 65.9

Mfg: Cessna
 W.O.#: 65368

Model: 172E
 Date: 09/06/13

9/6/13

Installed new Garmin GTX-327 transponder S/N 83747963 in accordance with Garmin Maintenance Manual and ops checked system as ok. Tested in accordance with FAR91.413 and performed mode 'C' correlation check as required.

James Roper

James Roper



El Paso International Airport - 7305 Boeing Drive
 El Paso, Texas 79925 - 1-800-437-2376 or (915)779-3481
 CRS#VL1R562K

9/6/13

ATC Transponder test required by FAR91.413 were performed 9/6/13 and complies with part 43 appendix F.

ATC Transponder GTX-327 S/N 83747963

Details of this inspection on file at this Repair Station under WO# 65368.

The above inspection was accomplished in accordance with current regulations of the Federal Aviation Administration and was found to be airworthy for return to service.

Signature *JCR* Certificate# CRJ#VW/R5024

El Paso Aero, Inc.
 Avionics Associates
 El Paso, Texas 79925
 FAA CRS#VL1R562K

N#:N5405T
 S/N:17251305
 Tach: 69.1

Mfg: Cessna
 W.O.#:65383

Model: 172E
 Date: 9/27/13

9/27/13

Removed existing Audio/mkr and ICS. Installed new Garmin GTN 650 #1 NAV/COM/GPS with GI-106A indicator IAW STC#SA02019SE-D. Installed new Garmin GMA-340 Audio/mkr system IAW Garmin installation manuals. W&B updated. 337 submitted. FAA approved FMS added to a/c POH. ICA added to a/c paperwork. Ground checked and programmed system IAW the mfg's installation manuals. A functional flight check ok the GTN 650 installation is required, the results of this flight to be entered in the aircraft logbook.

[Signature] Tony Chenausky



AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. 1

Aircraft Registration No. N5405T

Aircraft Manufacturer CESSNA

Model 172E

Serial No. 17251305

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

	Mfg.	Model	Serial No.
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