

N3242Y
CESSNA 182E

AIRCRAFT RECORDS

AIRFRAME PITOT, STATIC & TRANSPONDER DETAIL

COPIED FROM ORIGINAL SOFT BACK LOGS
PITOT/STATIC & TRANSPONDER SYSTEM CHECKS DATED 2/11/02

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, ENTRIES MUST BE ENDORSED WITH NAME, RA MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES)
				The following all have been performed:
				Appendix "E" have been performed.
				Para (1) Static System
				Para (2) Altitude System
				Para (3) Pitot System
				Para (4) Integrated System Test
				Signature: [Signature] WO # 10156
				AMELATEX AVIONICS Certificate # 2227496 Downtown Airport Shreveport, Louisiana

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
ATC Transponder Test and Repairs on [Date] have been performed.
TRANSPONDER MODE: GTX 327
SN: 8379727P
Signature: [Signature]
Date: 2/11/02
AMELATEX AVIONICS Certificate # 2227496 Downtown Airport Shreveport, Louisiana

ENDING DATE AND TTAF THIS PAGE

Ending 2/11/02

Sparrow Aircraft Inspections LLC

CRS XXYR919L

Altimeter Inspection FAR 91.411

W. O. # 5323
 Manf. United
 A.D. N/A

Date 8-6-10
 PIN 5934PA-3
 C/W N/A

N# 3242Y
 S/N 423062

Baro Scale Error

Pressure	Diff.	Desired	Actual
28.1	-1727	-1537	-1545
28.5	-1340	-1150	-1170
29.0	-863	-673	-680
29.5	-392	-202	-230
29.9	0	+190	+190
30.5	531	+721	+702
30.9	893	+1083	+1070
31.0	974	+1164	+1165

Chart II

Test Point	Tol, +/-	Error
-1000	20	+5
0	20	0
500	20	0
1000	20	+5
1500	25	+12
2000	30	+13
3000	30	+17
4000	35	+16
6000	40	+22
8000	60	+7
10000	80	6
12000	90	+18
14000	100	+26
16000	110	+45
18000	120	+55
20000	130	+80
22000	140	/
25000	155	/
30000	180	/
35000	210	/

Scale Error Test

- Set altimeter to 29.92
- Reduce pressure to each level
- Hold 1 to 10 min
- Record actual readings on Chart II
- Verify within tolerance limits

224

Case Leak Tolerance

+/- 100' @ 18K ft.

74

Hysteresis Test

- 50% of cert alt. Hold 5 min.
+/- 75 ft
- 40% of cert alt. Hold 1 min.
+/- 75 ft

38
32

After Effect tol. +/- 30 ft

within 5 min of Hysteresis Test

+20

Friction Test

- Decrease alt. At rate of 750 fpm
- Stop at altimeter points on Chart III
- Vibrate altimeter
- Record error & verify within limits

20

Chart III

Test	+/-	Error
1000	70	+10
2000	70	+28
3000	70	+30
5000	70	+30
10000	80	+20
15000	90	+50
20000	100	/
25000	120	/
30000	140	/
35000	160	/

Completion

- Remove old tags
- Install new tag
- Paint drum as required
- Check Pitot Heat
- Check lighting

Date 8-6-10
 Inspector [Signature]
 For Sparrow Aircraft Inspections LLC
 903-597-1110 sparrow@nulte.net

Motor Make United
Model 5739PA-3 and S/N 423062
Tested to 20 K ft. and found to comply with
FAR 43 App E See W.O. 5323
Inspected by Paul Hines Date 8-6-10
FAA Certified Repair Station #XXYR919L
3211 CR 384 Tyler, TX 903.597.1110

Sparrow Aircraft Inspections LLC

IAW FAR 91.413 The Transponder Make GARMIN
Model GTN327 and S/N 85707270
I certify the ATC Transponder has been tested and
inspected and found to comply with FAR 43 App F.
For details see W.O. 5323
Inspected by Paul Hines Date 8-6-10
Sparrow Aircraft Inspections LLC FAA Certified Repair Station
XXYR919L 3211 CR 384 Tyler, TX 75708 903.597.1110