

[illegible]

5113196

WO# 2986

A/C TT:

S/N:
HOBBS:

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

The static pressure system has been tested and inspected and found to comply with FAR 43, APP E, PARA (a.) Pilots - Date: 5-13-9

Co-Pilots - Date: _____

The altimeter(s) have been tested and inspected and found to comply with FAR 91.411 in accordance with FAR43, APP E.

Pilots altitude PN 5434PA-1 SN 5E558 Date: 5-13-96
Co-pilots altitude PN A-35C(201) SN 10141 Date: 5-13-96

The Automatic pressure altitude reporting tested in accordance with FAR 91.411 and FAR 43 APP E:

Pilots - Date: 5-13-96 Co-pilots-Date:

The Transponder(s) was tested and inspected and is in compliance with FAR 91.413 in accordance with FAR 43 (F):

TXP #1 Model # KT-76A SN 40403
TXP #2 Model # SN

Signature Roger Dayton

P: 107

ALTIMETER CORRECTION SHEET

N#: 6593W	CHECKED BY: RD	DATE: 5-13-96
UNIT PART #: 5934PA-1	UNIT SERIAL #: 5E558	

TEST NO. 1 ALTITUDE PRESSURE

ALTITUDE FEET	ALTIMETER READS UP	ALTIMETER READS DN	ALTITUDE FEET	ALTIMETER READS UP	ALTIMETER READS DN
-1000	-20		10000	-20	
0	-20		12000	-10	
500	-20		14000	-15	+10
1000	-10		16000	0	
1500	-20		18000	+20	+15
2000	0		20000	+30	
3000	0		22000	+20	
4000	-10		25000	+20	
6000	+10		30000	+50	
8000	-10		35000	+200	

TEST NO. 2 FRICTION

ALTITUDE FEET	ALTIMETER READS	ALTITUDE FEET	ALTIMETER READS
1000	-20	10000	-40
2000	-20	16000	-40
3000	-10	20000	-20
6000	-10	25000	-50

TEST NO. 3 TOLERANCES

CASE LEAK 20 FT.

AFTER EFFECT 0 FT.

HYSTERSIS TEST
20K 35K

50%		+15
40%		+10

PRESSURE Hg	ALT DIFF feet	PRESSURE Hb	ALT DIFF feet
28.10	-7	950	
28.50	0	964	
29.00	-3	982	
29.50	-2	998	
29.92	0	1013	
30.50	+10	1033	
30.90	-3	1047	
30.99	-4	1049	

This altimeter has been tested and is certified for IFR use.

Technician Roger Dayton Work Order # 2986
 General Aviation, Inc., Capital City Airport, Lansing, MI 48906
 FAA CRS REC#R4590

Test altimeter has been calibrated and certified traceable to the
 National Bureau of Standards.

co-pilot

ALTIMETER CORRECTION SHEET

N#:	6593W	CHECKED BY:	RD	DATE:	5-13-96
UNIT PART #:	A-3560201	UNIT SERIAL #:	10141		

TEST NO. 1 ALTITUDE PRESSURE

ALTITUDE FEET	ALTIMETER READS UP	ALTIMETER READS DN	ALTITUDE FEET	ALTIMETER READS UP	ALTIMETER READS DN
-1000	0		10000	0	
0	+10		12000	0	
500	0		14000	-5	0
1000	-15		16000	+10	
1500	+10		18000	+30	+20
2000	0		20000	+30	
3000	0		22000	+50	
4000	+10		25000	+60	
6000	+30		30000	+30	
8000	+10		35000	-200	

TEST NO. 2 FRICTION

ALTITUDE FEET	ALTIMETER READS	ALTITUDE FEET	ALTIMETER READS
1000	-40	10000	-40
2000	-30	16000	-40
3000	-30	20000	0
6000	-20	25000	-30

TEST NO. 3 TOLERANCES

CASE LEAK 0 FT.AFTER EFFECT 0 FT.HYSTERSIS TEST
20K 35K

50%	/	+20
40%	/	0

PRESSURE Hg	ALT DIFF feet	PRESSURE Hg	ALT DIFF feet
28.10	+13	950	
28.50	+10	964	
29.00	-3	982	
29.50	+8	998	
29.92	0	1013	
30.50	-15	1033	
30.90	-13	1047	
30.99	-14	1049	

This altimeter has been tested and is certified for IFR use.

Technician Roger Dayton Work Order # 2986
 General Aviation, INC., Capital City Airport, Lansing, MI 48906
 FAA CRS RECPR4590

Test altimeter has been calibrated and certified traceable to the
 National Bureau of Standards.

MAINTENANCE RECORD

DATE 19 <u>97</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2/1	339.7		REMOVED AIRCRAFT TORQUEMETER GAUGE & REINSTALLED OVERHAULED UNIT P/N 4308-3112 S/N 130. AIRCRAFT WAS GROUND RUN & FUNCTION CHECK PROVED SATISFACTORY.	Jason Habeck AP384660718

INSCO TEST DATA SHEET

P/N: 4308-3112

CON# 1

DATE: 10-14-94 BY: Ron Martens

APRV: Opier E. Smith

S/N: 130

DESCRIPTION OF TEST	TOLERANCE		TECHNICIAN	INSPECTOR
HIGH STOP	Set		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FRICTION / POS. ERROR	1.8 PSI maximum		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
POINTER TRANSITION	Smooth		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
LIGHTING	28 VDC, Blue-White		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SCALE ERROR	MIN PSI	MAX PSI	ACTUAL PSI	ACTUAL PSI
0.0 PSI = 0	0.0	1.0	0	0
20.0 PSI = 20	16.3	23.8	20.2	20.0
40.0 PSI = 40	36.3	43.8	40.4	39.9
60.0 PSI = 60	56.3	63.8	59.8	59.3
80.0 PSI = 80	78.0	82.0	79.6	79.4
100.0 PSI = 100	98.0	102.0	100.2	100.0
120.0 PSI = 120	116.3	123.8	121.3	121.3

TECH:

Opier E. Smith #321

DATE:

10-11-96

INSP:

Paul Carter



DATE:

10-17-96