

**AIRCRAFT
MAINTENANCE RECORDS**

N256AW

**AVIONICS
LOG BOOK**



AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED
		SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
<div style="border: 1px solid black; padding: 2px; display: inline-block;"> CARRIED FORWARD → </div>		

HoBBs
1531.0

AcFT SN #
3465

Altimeter/Static System Certification

Merlin's Avionics Service
Tel: (615) 305-1186
307 Roberta Drive
Hendersonville, Tennessee 37075
FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 1701 Acft.Reg.No. N256AW
Acft Type CIRrus SR22 Altimeter Position #1
Altimeter P/N# GARMIN S/N# _____
Date 2-8-21 Signed Merlin Singly

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	-1000	20	14,000	13990	100	1K	NA	70	28.10 -1727 -1727
0	0	20	16,000	15990	110	2K	/	70	28.50 -1340 -1340
500	500	20	18,000	17980	120	3K	/	70	29.00 -863 -863
1000	1000	20	20,000	19970	130	5K	/	70	29.50 -392 -392
1500	1500	25	22,000	/	140	10K	/	80	29.92 0 0
2000	2000	30	25,000	/	155	15K	/	90	30.50 531 531
3000	3000	30	30,000	/	180	20K	/	100	30.90 893 893
4000	4000	35	35,000	/	205	25K	/	120	30.99 974 974
6000	6000	40	40,000	/	230	30K	/	140	
8000	8000	60	45,000	/	255	35K	/	160	
10,000	10,000	80	50,000	/	280	40K	/	180	
12,000	12,000	90				50K	/	250	

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) NA After Effect (Tol.30 Ft.) 0
2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) NA

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

STANDBY Altimeter

Altimeter/Static System Certification

Merlin's Avionics Service
Tel: (615) 305-1186
307 Roberta Drive
Hendersonville, Tennessee 37075
FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 1701 Acft.Reg.No. N256AW
Acft Type CIRrus SR22 Altimeter Position #2
Altimeter P/N# _____ S/N# _____
Date 2-8-21 Signed Merlin Singly

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	-1000	20	14,000	13980	100	1K	+15	70	28.10 -1727 -1727
0	0	20	16,000	15980	110	2K	+15	70	28.50 -1340 -1340
500	500	20	18,000	17970	120	3K	+15	70	29.00 -863 -863
1000	1000	20	20,000	19970	130	5K	+20	70	29.50 -392 -392
1500	1500	25	22,000	/	140	10K	+20	80	29.92 0 0
2000	2000	30	25,000	/	155	15K	+15	90	30.50 531 531
3000	3000	30	30,000	/	180	20K	+10	100	30.90 893 893
4000	4000	35	35,000	/	205	25K	/	120	30.99 974 974
6000	5995	40	40,000	/	230	30K	/	140	
8000	7990	60	45,000	/	255	35K	/	160	
10,000	9990	80	50,000	/	280	40K	/	180	
12,000	11980	90				50K	/	250	

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) +20 After Effect (Tol.30 Ft.) +10
2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) +15

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

SUB-TOTAL THIS PAGE

TOTAL - CARRY FORWARD TO NEXT PAGE

AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED
CARRIED FORWARD →		SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK

Transponder Certification

Merlin's Avionics Service Tel: (615) 305-1186
307 Roberta Drive Hendersonville, Tennessee 37075
FAA CRS #Z6MR586Y MAS Form #3

Work Order No. 1701 Acft.Reg.No. N256AW
Aircraft Type CIRUS SR22 Txpond Position #1
Txpond P/N# GARMIN S/N# _____

Check Box if Mode S

I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details of this inspection are on file at this repair station.

Date 2-8-21

Signed Merlin Sugif

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