

(262) 521-8180 **- DUPLICATE -** SKYCOM AVIONICS, INC.

N # **363JV**

## ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

TEST ALT. x 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL. ± FT.	20	20	20	20	25	30	30	35	40	40	60	80	90	100	90	110
ACTUAL FRICTION	0	0	-10	-10	-10	-10	-20	-20	-30	-30	-10	-30	-30	-30	-10	-40
TEST ALT. x 1000 FT.	18	20	22	25	28	30	35	40	45	50	BARO. SCALE ERROR (TOL. ± 25 FT.)					
TOL. ± FT.	120	130	140	155	180	205	230	255	280	280	28.10	28.50	29.00	29.50	29.92	30.50
ACTUAL FRICTION	+20	+50	30												0	
HYSTERESIS (TOL. ± 75 FT.):	50% MAX. +10										40% MAX. +20		AFTER EFFECT (TOL. 30 FT.):		CASE LEAK:	

ALTIMETER MAKE: **United Instruments**  
MODEL: **5934P-1**  
S/N: **P9163**

BLIND ENCODER MAKE: **Narco**  
MODEL: **A2-850**  
S/N: **291643**

TRANSPONDER MAKE: **Narco**  
MODEL: **AT-150**  
S/N: **10615**

CERTIFIED ALTIMETER PER FAR 43, APP. E (b) TO **20,000** FT. TO COMPLY WITH FAR 91.411  
CERTIFIED STATIC SYSTEM PER FAR 43, APP. E (a) TO COMPLY WITH FAR 91.411.  
CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM PER FAR 43, APP. E (c) TO COMPLY WITH FAR 91.411.  
CERTIFIED TRANSPONDER PER FAR 43, APP. F TO COMPLY WITH FAR 91.413.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

Date: **5-24-22** Tach/Hobb: **2024.2** W.O. **512960** Signed: **[Signature]**

WAUKESHA COUNTY AIRPORT / CRITES FIELD WAUKESHA, WI 53188 FAA# NC5D062N



**\* DUPLICATE \***

Waukesha County Airport / Crites Field  
2441 Aviation Drive  
Waukesha, WI 53188  
(800) 443-4490  
FAA# NC5D062N

### AIRCRAFT LOG ENTRY

DESCRIPTION OF WORK DONE:

N# 363JV

Replaced VSI T-Fitting and added seal tape. Completed Altimeter, Static, Transponder, Encoder certification (see Altimeter, Static, Transponder, Encoder Certificate for full certification). All work was done and tested in accordance with applicable parts of AC 43.13 1B/2B and manufacturer's install/service manuals. ---END---

Date: **5/24/2022** Tach: **2024.2** W.O.# **512960** Signed: **[Signature]**

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