1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	104375

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Air Dallas Instruments, Inc. 811 Office Park Circle Lewisville, Texas 75057 Certificate No.: VE1R555K	104375

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Air Data Display	AD32.32.53F.28.1.BN	1ea.	1040076	INSPECTED

12. Remarks:

Inspected and tested to mfg. specs. in accordance with CMM 34-16-10, Rev. 2.1/dated 5-23-2014.
Details on file under W.O. # 104375 and tracking #104375
Inspected and tested to the altitude of 50,000ft in accordance with 14 C.F.R. part 43, appendix "E", & 14 C.F.R. part 91, section 91.411. Tested Altimeter to manufacturer's specifications to 53,000 feet.

Config ID 9125
HW Version 2.01 MOD 00
SW Version 2.50 MOD A,B

13a. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in a condition for safe operation.
- ☐ Non-approved design data specified in Block 12.

14a. ☒ **14 CFR 43.9 Return to Service** ☐ **Other regulation specified in Block 12**

Certifies that unless otherwise specified in Block 12, the work identified in Block 11, and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

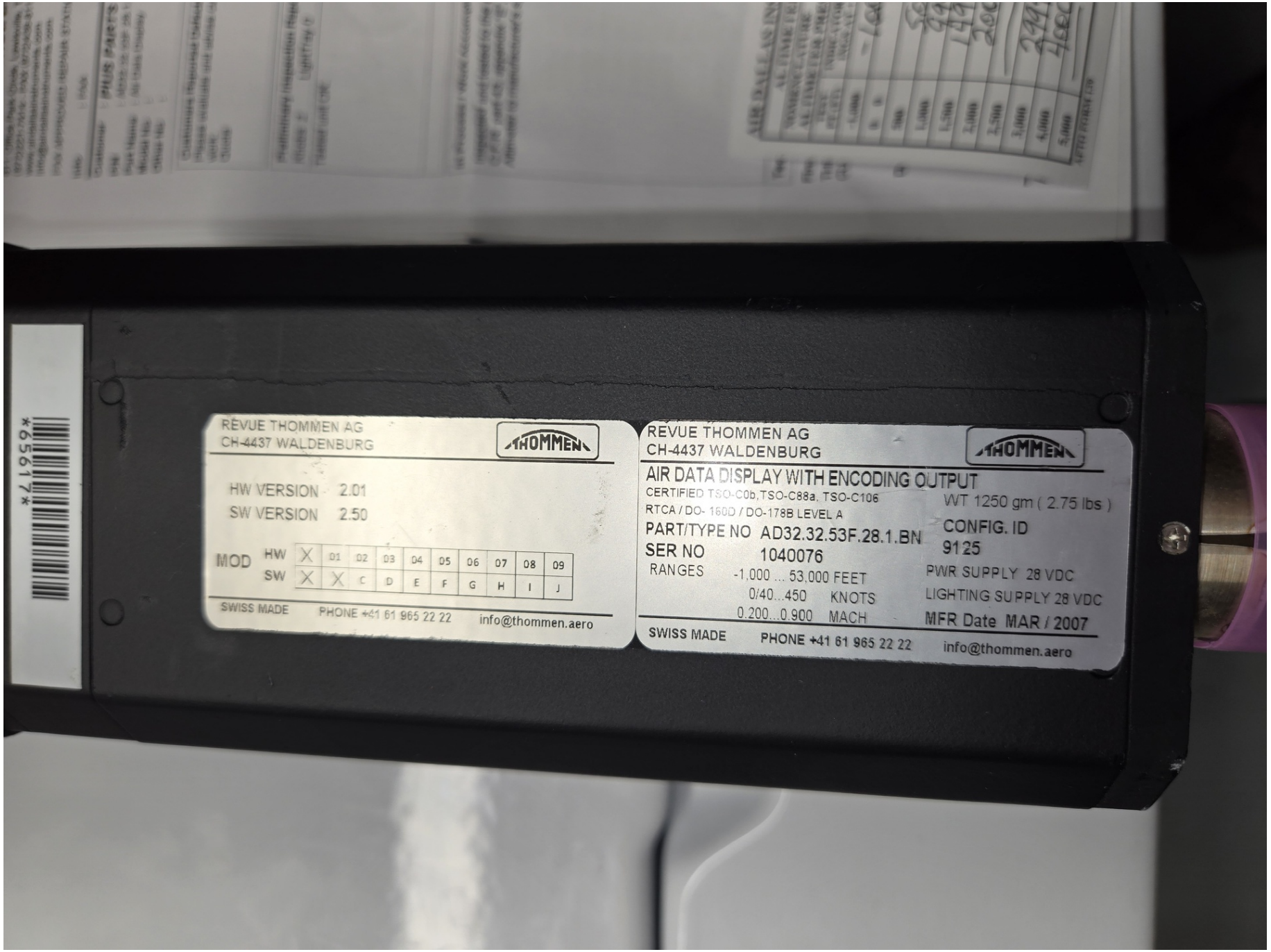
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
			VE1R555K
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date (dd/mmm/yyyy):**
		Gary D. Barnfield	03 May 2023

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Block 13a and 14a do not constitute installation certification. In all cases aircraft maintenace records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.


REVUE THOMMEN AG
CH-4437 WALDENBURG
THOMMEN
HW VERSION 2.01
SW VERSION 2.50
MOD HW X 01 02 03 04 05 06 07 08 09
SW X X C D E F G H I J
SWISS MADE PHONE +41 61 965 22 22 info@thommen.aero
REVUE THOMMEN AG
CH-4437 WALDENBURG
THOMMEN
AIR DATA DISPLAY WITH ENCODING OUTPUT
CERTIFIED TSO-C0b,TSO-C88a, TSO-C106
RTCA / DO- 160D / DO-178B LEVEL A
WT 1250 gm (2.75 lbs)
PART/TYPE NO AD32.32.53F.28.1.BN
CONFIG. ID 9125
SER NO 1040076
RANGES -1,000 ... 53,000 FEET
0/40...450 KNOTS
0.200...0.900 MACH
PWR SUPPLY 28 VDC
LIGHTING SUPPLY 28 VDC
MFR Date MAR / 2007
SWISS MADE PHONE +41 61 965 22 22 info@thommen.aero

CAUTION
DO NOT
BLOW IN
TUBES
CAPLUGS
BUFFALO, N.Y.
SEP-24
MS90376-22K
NAS 621-220

Air Dallas Instruments, Inc.

811 Office Park Circle, Lewisville, Texas 75057-3157
(972)221-7414 - FAX (972)436-8114
www.airdallasinstruments.com
info@airdallasinstruments.com

FAA APPROVED REPAIR STATION No. VE1R555K

REPAIR STATION WORK ORDER

Work Order No. : 104375
Tracking No. : 104375
Date Received : 4/13/2023
Date Requested :

Info : FAA

Customer : PIUS PARTS
P/N : AD32.32.53F.28.1.BN
Part Name : Air Data Display
Model No :
Other No :

Customer PO : 47
Manufacturer : Revue Thommen
Serial Number : 1040076
Other No :

Customers Reported Defects:
Please evaluate and advise customer of findings before proceeding with work.
Quote

Work Order Type :
- [x] Customer Unit For Service
- [ ] Exchange
- [ ] Outright Sale
- [ ] ADI
- [ ] Loan
- [ ] Rent

Preliminary Inspection Report:
Knobs 2 LightTray 0 T.Nut 0 Fitting 0
Tested unit OK.

Inspector:

Hidden Damage Inspection Report:
Found no hidden damage.

Inspector:

In Process / Work Accomplished Report: **INSPECTED**
Inspected and tested to the altitude of 50,000ft in accordance with 14 C.F.R. part 43, appendix "E", & 14 C.F.R. part 91, section 91.411. Tested Altimeter to manufacturer's specifications to 53,000 feet.

Parts Used :

AIR DALLAS INSTRUMENTS INC. DATE 5-3-2023 W.O. 104375

ALTIMETER SCALE ERROR CERT. REP. STA. #VE1R555K

NOMENCLATURE ALTIMETER PRESSURE SERIAL NO. 1040076

TEST PT (FT)	INDICATOR READINGS AT + 25° C	TEST PT (FT)	INDICATOR READINGS AT + 25° C	TEST PT (FT)	INDICATOR READINGS AT + 25° C
-1,000	-1001	6,000	5999	25,000	24995
0 0	1	8,000	8001	30,000	29993
500	501	10,000	9999	35,000	34992
1,000	999	12,000	11999	40,000	39991
1,500	1499	14,000	13999	45,000	44990
2,000	2001	15,000		50,000	49989
2,500		16,000	15998	53,000	52989
3,000	2999	18,000	17997	60,000	
4,000	4000	20,000	19995	70,000	
5,000		22,000	21995	80,000	

AFTO FORM 139

...CTED IN ACCORDANCE WITH THE ...TO WORK PERFORMED.