

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 104626	
4. Organization Name and Address: Air Dallas Instruments, Inc. 811 Office Park Circle Lewisville, Texas 75057		5. Work Order/Contract/Invoice Number: 104626		6. Item: 7. Description: 1 Air Data Display	
8. Part Number: AD32.32.53F.28.1.BN		9. Quantity: 1ea.		10. Serial Number: 1033838	
11. Status/Work: REPAIRED		12. Remarks: Repaired 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. # 104626 and tracking #104626 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 9123 HW Version 2.01 MOD 00 SW Version 2.10 MOD A			

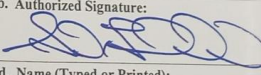
13a. Certifies the items identified above were manufactured in conformity to:

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): Gary D. Barnfield	14e. Date (dd/mmm/yyyy): 06 Jun 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.

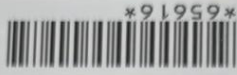
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts engine(s)/propeller(s)/article(s) 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 maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



CAUTION
DO NOT
BLOW IN
TUBES

MS90376-24YE
MS 837-24B
CAPLUGS
BUFFALO NY
SEP-24



REVUE THOMMEN AG
CH-4437 WALDENBURG



HW VERSION 2.01
SW VERSION 2.10

MOD
X 01 02 03 04 05 06 07 08 09
X B C D E F G H I J

SWISS MADE PHONE +41 61 965 22 22 info@thommenag.ch

REVUE THOMMEN AG
CH-4437 WALDENBURG



AIR DATA DISPLAY WITH ENCODING OUTPUT

CERTIFIED TSO-C100, TSO-C88A, TSO-C106
RTCA DO-160D / DO-178B LEVEL A
PART TYPE NO AD32.32.53F.28.1.BN
SER NO 1033838
WT 1250 gm (2.75 lbs)
CONFIG. ID 9123

RANGES
-1'000 ... 53'000 FEET
0'40 ... 450 KNOTS
0.200 ... 0.900 MACH
PWR SUPPLY 28 VDC
LIGHTING SUPPLY 28 VDC

SWISS MADE PHONE +41 61 965 22 22 info@thommenag.ch
MFR Date MAR / 2006

Customer Reported (faults):
Please indicate the cause, customer of the work.
Date:

Workshop (repair) Report:
Work: 2 LightTray 0 T No: 1
Status: Unit not found altitude scale error - calibration. Unit has firmware ver. 2.10.

Workshop / Work Accomplished Item:
Reassembled unit as required and inspected in accordance with specifications. Assembled altitude of 53,000ft in accordance with 14 CFR part 25, section 25.411. Test certificate is 53,000 feet.

Technical: TTY25
Final inspection:
THE AIRCRAFT INSTRUMENT ON CURRENT FAA REGULATIONS

Date: 08/2023

AIR DALLAS IN

ALTIMETER NOMENCLATURE	
ALTIMETER PRE	
TEST FEET	INDICATOR INCHES
-1,000	-10
0	0
500	4
1,000	9
1,500	14
2,000	20
2,500	
3,000	26
4,000	36
5,000	46

AFTG FORM 136

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

REPAIR STATION WORK ORDER

Work Order No. : 104626
 Tracking No. : 104626
 Date Received : 5/22/2023
 Date Requested :



FAA APPROVED REPAIR STATION No. VE1R555K

Info : FAA

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

Customer PO : 71
 Manufacturer : Revue Thommen
 Serial Number : 1033838
 Other No :

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

Work Order Type :
 Customer Unit For Service
 Exchange
 Outright Sale
 ADI
 Loan
 Rent

Preliminary Inspection Report:
 Knobs 2 LightTray 0 T.Nut 0 Fitting 0
 Tested unit and found altitude scale error out of tolerance and requires calibration. Unit has firmware ver. 2.10.

Hidden Damage Inspection Report:
 Opened and inspected unit and found no hidden damage.

Inspector: *[Signature]*

Inspector: *[Signature]*

In Process / Work Accomplished Report: REPAIRED

Disassembled unit as required and inspected. Calibrated unit IAW manufacture specifications. Assembled unit. 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 :

Technician: TH123

Inspector: *[Signature]*

Final Inspection:

THE AIRCRAFT INSTRUMENT OR COMPONENT IDENTIFIED ON THIS WORK ORDER WAS INSPECTED IN ACCORDANCE WITH THE CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE, WITH RESPECT TO WORK PERFORMED.

Date: 6/6/2023

Final Inspector Signature: *[Signature]*

AIR DALLAS INSTRUMENTS INC. DATE 6-6-2023 W.O. 104626

NOMENCLATURE		SERIAL NO.	
ALTIMETER PRESSURE		1033838	
TEST PT (FT)	INDICATOR READINGS AT +25° C	TEST PT (FT)	INDICATOR READINGS AT +25° C
-1,000	-1001	6,000	6001
0 0	1	8,000	8001
500	499	10,000	10002
1,000	999	12,000	12001
1,500	1499	14,000	14001
2,000	2001	15,000	
2,500		16,000	16001
3,000	2499	18,000	18001
4,000	4001	20,000	20000
5,000		22,000	22001

ADIF