

SOUTHWEST RESEARCH INSTITUTE  
Department of Quality Assurance  
Calibration Laboratory • 522-5215

WORK ORDER

CERTIFICATE # 33603 ASSET # 007176 DATE 08 March 99

ITEM DATA:

Manufacturer Micro Switch Model 6FF6D 100 psi  
Description differential sensor Serial # 199909  
Accessories \_\_\_\_\_

ACTION REQUESTED 01

CUSTODIAN Dept. 20, Ron Green

Turned in by: Melissa Hill Phone 2636

CHARGE # 20-1402-861 Date Required \_\_\_\_\_

INSTRUMENT USED ON:  (DOD/NASA)  (NUCLEAR)  (GLP)  (SPPE)  (ISO)  
 OTHER \_\_\_\_\_

COPY OF CALIBRATION CERTIFICATE  (Yes)  (No)

NEW WORK  Yes  No If yes, an evaluation shall be made to verify capabilities.

By Mel Date 03-08-99

Work involves proprietary/confidential information or equipment  (Yes)  (No)

CONDITION RECEIVED: \_\_\_\_\_ (F) Out of tolerance, repaired to specifications  
\_\_\_\_\_ (G) In tolerance, minor adjustments/repairs made  
\_\_\_\_\_ (J) In tolerance, no adjustments/repairs  
\_\_\_\_\_ (K) Out of tolerance, adjusted to specifications  
\_\_\_\_\_ (S) Received into system, introduced or reactivated 28-98-104

ACTION TAKEN: (Calibration/Repair/Parts) 5 Point Cal

Date and Unc only

CAL ENVIRONMENT:  
Temperature 68 °F Humidity 46 %RH

CALIBRATED/REPAIRED:  
By AMW Cal Procedure CCCP-P1-001 1997  
Date 3-10-99 Accuracy Unknown  
Cal Interval 12m Reliability Code: \_\_\_\_\_  
Next Cal due 3-10-00 Cal Time 3h Repair Time \_\_\_\_\_  
Standards used (Asset#) 5429, 4259

DATE COMPLETED 3/10-99  
DATE PICKED UP 3/11/99 PICKED UP BY Melissa Hill

33603







Southwest Research Institute  
6220 Culebra Road  
San Antonio, TX 78238  
(210) 522-5215  
Department of Quality Assurance  
Calibration Laboratory



Certificate #  
0972-01

## Certificate of Calibration

10 March 1999

**Issued to:** RON GREEN DIV20 B57  
**Manufacturer/Model:** MICRO SWITCH 6FF6D  
**Description:** DIFFERENTIAL SENSOR  
**Serial Number:** 199909  
**Asset Number:** 007176

This certifies the above item was calibrated in compliance with MIL-STD-45662A and ANSI/NCSL Z540-1-1994. Standards used in this calibration, described in the referenced calibration procedure with associated uncertainties or tolerances, are traceable to the National Institute of Standards and Technology (NIST). Supporting documentation relative to traceability is on file and is available for examination upon request. This certificate is not to be reproduced, except in full, without the written approval of the Southwest Research Institute Department of Quality Assurance Calibration Laboratory.

This laboratory is accredited by the American Association for Laboratory Accreditation (A2LA) and the results of this calibration certificate were determined in accordance with the terms of accreditation unless stated otherwise below.

The uncertainty of the calibration was sufficient to determine that the item met the manufacturer's published specifications unless stated otherwise below.

**Ambient Conditions:** Temperature: 68.0 Degrees Fahrenheit Humidity: 46 % RH

**Calibration Date:** 10 Mar 99

**Calibration Procedure:** CLCP-PI-001 1997

**Condition as Received:** SEE REMARKS

**Condition as Released:** SEE CAL DATA

**Remarks:** TOLERANCE NOT VERIFIED. SEE ATTACHED CALIBRATION DATA AND UNCERTAINTY.

**Approved by:**

  
\_\_\_\_\_  
Jim Patterson, Supervisor or Walt Hill, Metrologist

Certificate # 33603

m:\a2la.rpt Rev date 10 Mar 99

**Measurements performed by:**

  
\_\_\_\_\_  
Mack Wood, Technician

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