

191259

CALIBRATION CERTIFICATE NUMBER 1005708

MODEL PURCHASING DATA

Customer Name: TURKISH AIRLINES TECHINC, INC.

Model: 28551T(2-3)-N-N-N

Serial: 28551T-156

Factory Ref#: 105787

P.O.#:

Visual Condition: Good

CALIBRATION ELECTRONICS DATA

Model Number: 731 (In-House)

Serial Number: 112

Amp Model: ACUA (In-House)

Cable: 224-3642V 20 ft. (In-House)

Cal Resistor: 60 Kohm

CLOCKWISE DATA

Applied lbf-in	Output mV/V Incr.	Decr.
0.00	0.00003	-0.00039
249.87	0.20964	0.20885
499.74	0.41798	0.41711
749.61	0.62622	0.62548
999.49	0.83455	0.83384
1249.36	1.04284	1.04233
1499.23	1.25118	1.25078
1749.10	1.45953	1.45920
1998.97	1.66777	

COUNTERCLOCKWISE DATA

Applied lbf-in	Output mV/V Incr.	Decr.
0.00	-0.00015	0.00017
249.86	-0.20842	-0.20782
499.72	-0.41643	-0.41576
749.58	-0.62474	-0.62433
999.44	-0.83329	-0.83287
1249.30	-1.04172	-1.04151
1499.16	-1.25013	-1.24995
1749.02	-1.45851	-1.45836
1998.88	-1.66693	

Equivalent Shunt Calibration

Output at 2000.0 lbf-in

CLOCKWISE DATA

1712.01 lbf-in

1.6686 mV/V

COUNTERCLOCKWISE DATA

-1712.46 lbf-in

-1.6677 mV/V

This calibration was done in accordance to S. Himmelstein procedure 223-1059 rev. F.

This transducer meets specification A5 as defined in 223-1208 rev. E.

The expanded uncertainty for the calibration data in this report is $\pm 0.027\%$ of full scale.

Expanded uncertainty calculated by multiplying the combined standard uncertainty by a coverage factor, k, of 2. Thus the confidence level for this uncertainty is 95%. The combined standard uncertainty was determined, per NIST Technical Note 1297, as described in document 223-1207_G. If system uses equipment other than that shown on this report, said equipment must be considered in computing uncertainty.

NIST TRACEABLE STANDARDS

Arm: M05 mV/V std: MV2

Wts.: W07W08*

Calibration reports on file.



NVLAP LAB CODE 200487-0
Complies with ISO-17025

Calibrated at S. Himmelstein and Co. metrology lab.
2490 Pembroke Ave. Hoffman Estates, IL
ph: (847)-843-3300 fax: (847)-843-8488

This report must not be used to claim product approval or endorsement by NVLAP, NIST, or any agency of the U.S. federal government.

OTHER DATA

Temp °F: 71.7 %RH: 22.6

Fixture: F19 DAQ: DQ1

Cal Date: 12/30/2016

Calibration Technician

JCM JCM

Report V3.1 rev NC

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Approved by :

Tom Marek

01/ 03/ 17

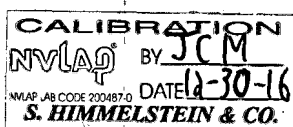
Tom Marek/ Cal Lab Supervisor

month / day / year

Equivalent Calibration Values from previous calibration

1711.76 lbf-in -1713.78 lbf-in

Previous values are provided to help determine the calibration history of this unit. They are not to be used for calibration or adjustment.



CALIBRATION
DOCUMENTS
REVIEWED AND
APPROVED

07 FEB 2017

