CERTIFICATE OF CALIBRATION

ISSUED BY: M K I S CALIBRATION COMPANY

DATE OF ISSUE: 13 September 2012

CERTIFICATE NUMBER: 2584



STANDARDS LABORATORY

MKIS Calibration Company

10 Potters Lane Kiln Farm

Milton Keynes

Tel: 01908 568250 Fax: 01908 564661 MK11 3HF

Page 1 of 2 pages

Approved Signatories

Signature

ounger 2 Kemp

Equipment Description:

Manufacturer:

Type: Serial Number: Order Number:

Customer Location:

Date Received: Date Calibrated: Tachometer Standard AT-6 12078435 18535

D I B Labcare Newport Pagnell

10 September 2012 13 September 2012

The instrument was kept in the laboratory environment for 2 Days, to allow the instrument to stabilise, prior to the tests being carried out.

The ambient temperature and relative humidity throughout the test was 20°C ± 2°C and 50% ± 20% respectively.

The uncertainties reported refer to the applied values only with no account being taken of the instruments ability to maintain its calibration.

Remarks: No adjustments were made.

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to recognised national standards, and to units of measurement realised at the National Physical Laboratory or other recognised national standards laboratories. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory

CERTIFICATE OF CALIBRATION

UKAS Accredited Calibration Laboratory No. 0236

Certificate Number: 2584

PAGE 2 OF 2 PAGES

Applied Va	lue	Equivalent '	Value	Indicated	Value
99.993	ms	600.04	RPM	600.0	RPM
59.995	ms	1000.08	RPM	1000	RPM
30.006	ms	1999.6	RPM	2000	RPM
15.003	ms	3999.2	RPM	3999	RPM
9.999 6	ms	6000.2	RPM	6000	RPM
6.000 10	ms	9 999.8	RPM	10 000	RPM
4.000 21	ms	14 999.2	RPM	14 999	RPM
3.000 07	ms	19 999.5	RPM	20 000	RPM

The measurement uncertainties were:

Time ± 0.01% + 1 LSD

END

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.