CERTIFICATE OF CALIBRATION

ISSUED BY: MKIS CALIBRATION COMPANY

DATE OF ISSUE: 05 September 2014

CERTIFICATE NUMBER: 2767



STANDARDS LABORATORY

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Approved Signatories	R Younger □ C Kemp □
Signature	Ham
-	1 //

Equipment Description:

Manufacturer:

Type:

Serial Number:

Order Number:

Customer:

Location:

Date Received:

Date Calibrated:

Tachometer

Standard

ST 6234B

08013379

T.B.A

DJB Labcare

Newport Pagnell

03 September 2014

05 September 2014

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 $20^{\circ}C \pm 2^{\circ}C$ and $50\% \pm 20\%$ respectively.

The uncertainties reported refer to the applied & indicated 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.

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UKAS Accredited Calibration Laboratory No. 0236

Certificate Number: 2767

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Applied Va	alue Eq	uivalent	Value	Indicated	Value
120.006	ms	499.97	RPM	499.9	RPM
60.009	ms	999.85	RPM	999.8	RPM
29.999 4	ms	2000.0	RPM	2000	RPM
14.999 3	ms	4000.1	RPM	4000	RPM
11.999 6	ms	5000.1	RPM	5000	RPM
10.000 3	ms	5999.8	RPM	5999	RPM
7.500 06	ms	7999.9	RPM	8000	RPM
5.999 9	ms	10000.1	RPM	10000	RPM
4.000 1	ms	14999.6	RPM	14999	RPM
2.999 9	ms 2	20.000 6	RPM	20 001	RPM

The measurement uncertainties were:

Time

 $\pm 0.01\% + 1$ 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.