## CERTIFICATE OF CALIBRATION

ISSUED BY: M K I S CALIBRATION COMPANY

DATE OF ISSUE: 27 October 2011

CERTIFICATE NUMBER: 2497



## STANDARDS LABORATORY

MKIS Calibration Company

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Approved Signatories Signature

R Younger C Kemp

Equipment Description:

Manufacturer: Type: Serial Number: Order Number: Customer:

Location: Date Received: Date Calibrated: Tachometer Standard ST 6236B 06019419

18072 D I B Labcare

Newport Pagnell 21 October 2011 27 October 2011

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.

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## CERTIFICATE OF CALIBRATION

UKAS Accredited Calibration Laboratory No. 0236

Certificate Number: 2497

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Applied Val	ue Equ	ivalent '	Value	Indicated '	Value
120.002	ms	499.92	RPM	499.9	RPM
60.001	ms	999.98	RPM	1000	RPM
30.002	ms	1999.86	RPM	1999	RPM
20.000	ms	3000.0	RPM	3000	RPM
15.000	ms	4000.0	RPM	3999	RPM
12.000	ms	5000.0	RPM	4999	RPM
10.002	ms	5998.8	RPM	6000	RPM
8.574 9	ms	6997.16	RPM	6998	RPM
7.500 2	ms	7999.78	RPM	7999	RPM
6.000 4	ms	9999.33	RPM	9998	RPM
3.000 0	ms :	20 000.0	RPM	20 001	RPM
1.500 1	ms	39 997 3	RPM	39 998	RPM
0.999 99	ms	60 000.6	RPM	60 000	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.