

UNIPAR SERVICES
THE OLD STABLES
65 LOWER GREEN ROAD
ROSTHALL TUNBRIDGE WELLS
CR01 1ND OXF

Tuning Fork Calibration Certificate

No: 11829

Customer Singhewas CLAMP & PARTS LTD Issue Date 22.08.12

Tuning Fork manufactured Frequency 4680Hz

Serial Number 15271
(manufacturer Tribar Industries Inc)

This is to certify that the above tuning fork has been tested and found to
oscillate at 2160 Hz at room temperature.

When used with a Muni Quip K-Band Doppler traffic radar operating
at 24.20 GHz the fork will produce a displayed reading on the Radar
Display of 30 Mph.

Temperature correction factor: 0.023% / °C.

Technician's Signature [Signature]

Print S. Kibler

Copyright Unipar Services 1998. Rev.1. (2010)

Radar Calibration Certificate

No: 11829

Customer: SINGLETON CLAMP + PARTNERS LTD

Issue Date: 22.08.12
(valid for 12 months from date shown)

Radar Type: K-GP 2000

Serial Number: 1510

(manufacturer Tribar Industries Inc)

Operating Frequency K-Band 24.10 / 24.20 Ghz +/- 25Mhz

Functional & Visual Inspection	Pass	Fail	Comment
Power Plug Condition	(X)	()	
Power Cable	(X)	()	
Power up Sequence	(X)	()	
Trigger Operation	(X)	()	
Audio Doppler Function	(X)	()	
Display Back Light	(X)	()	
4680hz Tuning Fork Test (65mph)	(X)	()	
Display Test Button	(X)	()	
Audio Test Button	(X)	()	
Radome & Housing Check	(X)	()	
10.2v Low Voltage Shut-down	(X)	()	

Internal Tests

RFI Indication (induced)	(X)	()	
X-TAL Failure response(induced)	(X)	()	
Internal Circuitry (visual exam. & check)	(X)	()	
Gunn Supply within +/- 50mV	(X)	()	
Gunn Supply Regulation +/- 20mV(11-16v)	(X)	()	
Gunn Supply Noise Level within 5mVP-P	(X)	()	
Schottky Bias 250mV +/-50mV	(X)	()	
Schottky Noise Level*<3.5VP-P	(X)	()	
Transmission Frequency +/-25MHz	(X)	()	
*At final stage of amplification			

Simulated Speeds Relative to Simulated Doppler Frequency

At 1800 Hz	=	25 mph	(X)	()	
At 2880Hz	=	40 mph	(X)	()	
At 3600 Hz	=	50 mph	(X)	()	
At 5760 Hz	=	80 mph	(X)	()	
At 7200 Hz	=	100 mph	(X)	()	

Replacement Parts Used Yes () No (X)

- Any parts used to repair and service this device are fully compliant with the Type Approval Specification to maintain evidential integrity
- The device to which this certificate relates is fully compliant with all aspects of the Home Office Type Approval process governing its use which was certified on the 18th November 1989 by the Secretary of State as Type Approved for Law Enforcement throughout the UK
- Equipment used to calibrate this radar are traceable to UKAS Standards and are certified annually

Technician's Signature: [Signature] Print: S. KIEFER

Copyright Unipar Services 1998 Rev.1 (2010)