

**SERVICE DIRECTIVE NUMBER 129 ISSUE 1
IMPERIAL PLACARDS**

TITLE	Imperial Placards
CLASSIFICATION	Mandatory for aircraft on the US register.
COMPLIANCE	All aircraft, within the next 25 flying hours
APPLICABILITY	All Quik, GT450, QuikR LSA airplanes supplied to the USA up to serial no. 8435

INTRODUCTION

The placards on the airplane are supplied as standard in metric units. To avoid confusion, in the USA, the original metric placards are to be replaced with imperial ones. See page 2. Note the aircraft types have different limitations. Note this SD applies to light sport airplanes. Imperial placards are also recommended for the earlier Pegasus Quantum and Mainair Blade aircraft which are in the experimental category

The existing operators manual defines limitations and performance in both imperial and metric units.

ACTION

Inspection

Identify the following placards:

- 1) Main placard, which is on the trike basetube just in front of the seat frame.
- 2) The maximum all up weight placard, which is on the bottom of the instrument panel.
- 3) The fuel/cockpit load trade-off placard, which is also on the instrument panel.
- 4) The fuel quantity placard, which is at the top of the starboard undercarriage leg.
- 5) The oil quantity placard, at the top of the port undercarriage leg.

Implementation

Remove the existing metric placards, avoiding the use of sharp tools, which could damage the surface. Clean the surface with methylated spirits. Allow to dry.

Fit imperial placards in place of the original metric ones. The main placard on the basetube should be protected with a transparent anti-scuff tape.

Continued Airworthiness

At each annual inspection, an inspector must check the imperial placards are in place and are clear to read.

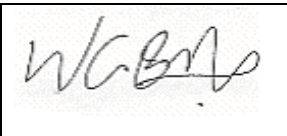
Documentation

This Service Directive must be attached to the operator's manual.

The aircraft technical log must be signed off by the inspector "SD 129 (Imperial placards) carried out" when the placards have been replaced.

ISSUED BY **W.G. Brooks**

DATE 29/11/09

Approved		Date 29 th Oct 09
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Checked		Date 29 th Oct 09
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Example Imperial Placard Set

(Note actual placards may have different layout)

1 11/16"

5 5/8"

QUIK	GT450	QUIKR	QUANTUM	COMMON																																																											
<p style="text-align: center; font-weight: bold;">P & M AVIATION ROCHDALE LANCS TEL 00441706 655134 MODEL</p> <p style="text-align: center; border: 1px solid black; padding: 2px;">QUIK</p> <p style="text-align: center; font-weight: bold;">FLIGHT LIMITATIONS</p> <p>MAXIMUM AVAILABLE PAYLOAD:</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">P1</td><td style="width: 50%; text-align: right;">242 lb</td></tr> <tr><td>PASSENGER</td><td style="text-align: right;">242 lb</td></tr> <tr><td>TOTAL</td><td style="text-align: right;">440 lb</td></tr> </table> <p>MINIMUM PAYLOAD 121 lb</p> <p>DO NOT EXCEED Vne 115mph</p> <p>MANOEUVRING SPEED 80mph</p> <p>DO NOT PITCH NOSE DOWN OR NOSE UP MORE THAN 45</p> <p>DEGREES FROM HORIZONTAL OR EXCEED 60 DEGREES ANGLE OF BANK</p> <p>WARNING THIS AIRCRAFT IS NON-AEROBATIC NO WHIPSTALLS, WINGOVERS, TAILSLIDES, LOOPS, ROLLS OR SPINS NO NEGATIVE G MAINTAIN POSITIVE 'G' LOADING AT ALL TIMES</p> <p style="text-align: center; font-weight: bold;">AIRCRAFT WEIGHTS</p> <table style="width: 100%; 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Early Quik, Quantum 47L = 12.4usg
All Others 65L = 17usg

See Main Placard