TECHNICAL BULLETIN

KID KART SPEC UPDATE

BULLETIN ID:	**MKA-TB-2026-01**	**DATE:**	August 13, 2026
CATEGORY:	Kid Kart Class	**STATUS:**	**Non-Mandatory / Optional**
SUBJECT:	**Kid Kart Carburetor Fuel Flow Modification**		

1. BACKGROUND & PURPOSE

Recent technical evaluations identified recurring engine stalling in the Kid Kart class during high-speed cornering. Analysis confirmed that stalling was caused by localized fuel starvation due to restricted fuel flow through the stock carburetor needle and seat assembly under cornering G-loads.

2. TECHNICAL SPECIFICATION & MODIFICATION DETAILS

To eliminate fuel starvation without providing performance gains, MKA permits the following optional modification:

APPROVED MODIFICATION SPECIFICATIONS

- **Procedure:** Ream the carburetor needle and seat orifice.
- **Target Diameter:** 1.38 mm
- **Approved Tooling:** #54 Wire Gauge Reamer (0.0550 in / 1.397 mm nominal, finished spec 1.38 mm)
- **Classification:** Non-mandatory / Optional reliability update.

3. IMPLEMENTATION & SERVICE POLICY

- **Designated Technical Official:** To ensure strict consistency across all competitors, all adjustments must be performed by the designated MKA technical official upon request.
- **Vendor Distribution Notice (BRE):** All new Kid Karts distributed by BRE will be pre-updated to the 1.38 mm specification prior to delivery.
- **Clarification:** This modification addresses fuel delivery reliability only. It is NOT mandatory for MKA competition; stock un-reamed units remain fully legal.

⚠️ COMPLIANCE & INTER-CLUB ADVISORY

PLEASE NOTE: This updated spec may not be compliant with other clubs' regulations. Competitors planning to race at non-MKA sanctioned events or inter-club races are strongly advised to verify local technical rules before competing with a modified carburetor.

Manitoba Karting Association • Board of Directors

Approved for Immediate Release