

# King Air Flap Roller Kit

**Transport Canada Approved**

## Upgrade Your Flying Experience: Protect King Air Flap Tracks with MBA's Advanced Roller System

### Overview

Marsh Brothers Aviation's Flap Roller upgrade kit is a proactive solution that eliminates flap roller bearing seizure and minimizes wear of the aircraft flap tracks. By eliminating the roller greasing requirement via use of a self-lubricating bearing system, the rollers are maintenance-free by design thereby increasing the mean time between maintenance while reducing overall costs associated with replacement and repair of flap system components.

### Benefits

- ✓ Eliminate the risks associated with bearing seizure and the costs associated with flap track replacement.
- ✓ Reduces unscheduled maintenance downtime and expense.
- ✓ No hot/cold grease implications on bearing operation. Bearing is self-lubricating, requires no grease.
- ✓ Cartridge-type bearing design is highly resistant to incursion by dust/debris.
- ✓ Easy to install: Drop-in solution reduces part count and needing to stack-up parts on assembly.

The bearing components are manufactured from **AeroTough® GF**, a proprietary engineered thermoplastic material which provides self-lubrication and can operate through a wide range of temperatures.



**King Air  
Flap Roller Kit**

<b>Product Name</b>	<b>Product Number</b>	<b>List Price</b>	<b>Approved Models</b>
King Air Flap Roller Kit	M-04-1002	\$5,575.00 USD	See next page

## Approved Models **Transport Canada STC**

### King Air 200

200	200C	200CT	200T		
B200	B200C	B200CT	B200T	B200GT	B200CGT

### King Air 300

300	300LW	B300	B300C
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For U.S. registered King Air 200/300 Series: Pending an FAA STC, the Field Approval (FAA Form 337) process may be used to secure aircraft serial number specific approval for installation of the MBA Grease-Free flap rollers.

## Kit Contents

### Product Number: M-04-1002

Kit Dash #	MBA Part #	Description	Quantity	OEM Cross Reference Part #
-1	MB-04-10001-1	Roller Assy - 0.75 inch	4 per kit	BC56984, A-11540
-2	MB-04-10001-2 MBA-04-10020-1	Roller Assy - 0.75 inch Flange Thrust Washer	4 per kit 4 per kit	BC56985, A-11538 50-105000-3
-3	MB-04-10002-1 MBA-04-10020-2	Roller Assy - 1.00 inch Flange Thrust Washer	4 per kit 4 per kit	YCRS16CP, CYR1SCP 101-521033-01 (steel) 118-100000-9 (PTFE)
-4	MB-04-10002-2 MBA-04-10020-3	Roller Assy - 1.00 inch Flange Thrust Washer	4 per kit 4 per kit	YCRS16CP, CYR1SCP 101-521034-01 (phenolic) 118-100000-9 (PTFE)

#### Disclaimer

Marsh Brothers Aviation Inc. (MBA) shall not be liable under any circumstances, for any loss of profits or any other contingent, consequential, or special damages if the buyer repairs, replaces, or installs products that are purchased from unauthorized sellers and deviates from the manufacturer's specifications concerning use, maintenance, repair, alterations and modifications.

Individual parts available after STC kit has been applied to aircraft