

MAINTENANCE AND OPERATIONS LETTER

July 11, 2006
G450-MOL-06-0024

TO: All Gulfstream G450 Operators

SUBJECT: Landing Gear (ATA 32) – Brake and Wheel Washing Guidelines

Washing main landing gear wheels using a high-volume high-pressure water source such as a garden hose can potentially saturate the porous carbon brake material. Water saturated brakes may require higher than normal brake pressures to achieve normal aircraft braking. This condition is commonly experienced during the first braking application after landing. Normal braking will return for subsequent braking applications after sufficient brake temperature rise evaporates water out of the carbon brake material. Lightly applying brakes prior to take-off will reduce the potential for this condition to occur on the next brake application.

When cleaning the main landing gear wheels, Gulfstream recommends hand-wiping only and avoid spraying water or soap solution directly onto the wheels and brake friction surfaces. Gulfstream is working with the brake and wheel manufacturers to establish acceptable cleaning procedures.

If you have questions or comments regarding this communication, please contact Gulfstream Customer Support at 800-810-GULF (4853) or 912-965-4178, by fax at 912-965-4184, or by electronic mail at technical.operations@gulfstream.com.

Sincerely,



Mark Burns
Vice President, Customer Support