



Hamilton Sundstrand

A United Technologies Company

Service Information Letter

EXPORT REQUIREMENT

N/A

APPLICATION: Global Express

ATA CHAPTER: 27 - Flight Controls

SUBJECT: Asymmetry Brake Vent Hole Decal

TO: Global Express Operators

ORIGINATED BY: Matt Miedwig, Service Engineering

APPROVED BY: Jack Witte, Service Engineering Manager

MANUAL REFERENCE: Bombardier Repair Manual Task 27-52-53-400-801

Recent asymmetry brake returns of P/N 763053A are revealing that the upper drain hole is not being covered with the decal P/N 1701890 when the asymmetry brake is installed on the aircraft. Not having this upper drain hole decal installed allows debris to enter into the asymmetry brake and collect around the plunger assembly. This collection over time causes a decrease in asymmetry brake reliability, as the plunger becomes contaminated with debris and begins to stick. This sticking can cause the asymmetry brake to not release when commanded, or not re-engage when commanded to engage.

Hamilton Sundstrand recommends that decal P/N 1701890, be installed on the upper drain holes of all installed asymmetry brakes P/N 763053A in accordance with the Bombardier Global Express Aircraft Maintenance Manual - per Task 27-52-53-400-801 to provide a barrier so debris cannot fall into the asymmetry brake, and cause degraded reliability.