

AD 32-11-10-13
October 31, 2011

AIRWORTHINESS DIRECTIVE

This Airworthiness Directive, issued by the Civil Aviation Authority in accordance with the Israeli Aviation Regulations (ANR) applies to an aircraft for which our records list you as the registered owner. It affects aviation safety and requires your immediate attention. No person may operate an aircraft, to which an Airworthiness Directive applies, except in accordance with that Directive.

APPLIES TO: Gulfstream Aerospace L.P. models **GALAXY** and **G200** aircraft, serial numbers 004-250 certificated in any category.

SUBJECT: Inspection and modification of the Main Landing Gear (MLG) Brake Assemblies Wear Indicating Pins.

REASON: Two G200 operators experienced degraded brake performance during landing. Subsequent investigation revealed that in both cases the brake wear pins showed remaining life, but the brakes were worn to the minimum pad thickness specified in the Brake Assembly Component Maintenance Manual (CMM). It was found out that pins of incorrect length were installed during brake assembly overhaul. When the brake pads are fully worn without indication, loss of braking power is expected, possibly causing runway overruns. This constitutes an unsafe condition.

ACTION: Unless previously accomplished in accordance with Gulfstream G200 Service Bulletin 200-32-389R1 or later revisions thereof:

1. Determine the lengths of the wear indicating pins of all the brake assemblies, as detailed in the SB.
2. If the length of the pins is within the limits specified in SB 200-32-389R1, perform a Normal Brake Wear Inspection per the AMM.
3. If the wear indicator pin is too long, shorten the pin as required by the SB. Perform a Normal Brake Wear Inspection per the AMM.

COMPLIANCE: Compliance is required no later than 19 December 2011.

EFFECTIVE DATE: November 7, 2011

FOR FURTHER INFORMATION CONTACT: Mr. Nathan Kletshevsky, CAAI,
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