

**OPERATIONS SAFETY NOTICE**

Feb 22, 2005

**OSN 212-05-42
OSN 205-05-40
OSN 205B-05-12****TO: All Owners/Operators of Bell 205, 205B and 212 Helicopters****SUBJECT: MAIN ROTOR BLADES 204-012-001-ALL and 212-015-501-ALL
INSPECTION OF**

Bell Helicopter has recently become aware of the possibility that non-approved procedures were used in the replacement of abrasion strips on the subject blades. When accomplishing abrasion strip replacement, International Aviation Composites (IAC) may have used excess heat in the abrasion strip removal process. Excess heat in this application can weaken adjacent bonded surfaces. Failure to detect a void or crack from a failed bonded joint could lead to serious blade problems in flight.

This Operation Safety Notice is to advise all owner / operators to follow the published inspection procedures in the appropriate Maintenance Manuals closely. Primary area of concern is the skin to spar bond. Inspect closely for voids and / or cracks, spanwise, over the entire upper and lower surface of the blades.

Due to the heat conductive properties of metal, only the subject part number blades, which have had an abrasion strip replaced by IAC are affected by this OSN. Blades that did not have an abrasion strip replacement, other metal blade part numbers and composite blades are not affected.