

OPERATIONS SAFETY NOTICE

June 21, 1999

OSN 214-99-10
OSN 214ST-99-9

TO: All Bell 214B/B-1 and 214ST Owners / Operators

SUBJECT: NOTICE OF COMMON PART FAILURE

This OSN is issued to 214B/B-1 and 214ST Owners / Operators to provide information regarding the failure of a washer, P/N 140-007-41-38C4. The failure occurred on a military helicopter, but the same washer is used in two applications on both the 214B and 214ST.

The failed washer was installed under a tailrotor blade attachment bolt. When the tailrotor blade bolt was removed, the washer separated into three pieces due to cracks. Subsequent analysis of the washer determined the cause of the failure to be stress corrosion or hydrogen embrittlement in combination with overtorque.

The washer, P/N 140-007-41-38C4, is installed under the tailrotor blade attachment bolt and nut (qty 8 per aircraft), and also as part of the scissors and sleeve assembly (qty 2 per aircraft) for both the 214B and 214ST aircraft.