

**OPERATIONS SAFETY NOTICE**

November 30, 2001

**OSN 222-01-21  
OSN 222U-01-17****TO: ALL OWNERS/OPERATORS OF BELL MODEL 222, 222B, and 222U  
HELICOPTERS****SUBJECT: TRANSMISSION TOP CASE P/N 222-040-061-101 and -105**

Recently, one of the collective system idler link inboard attaching lugs on a transmission top case was found broken during inspection/maintenance. Further inspection indicated that the other inboard attaching lug was also cracked.

The subsequent investigation revealed that the bushings in the transmission top case outboard lugs were worn beyond limits. This situation caused undue stress to the inboard lugs, which ultimately lead to the fracture of the lugs.

The purpose of this operation safety notice is to remind all model 222 series operators to carefully inspect the outboard and inboard collective idler link attachments points for condition in the areas of the lugs in the transmission top case. This is a required inspection listed in Chapter 5 of the applicable Maintenance Manual under the 150 hour scheduled inspection.

Furthermore, the outboard collective lever idler link bushings must be inspected/measured for damage and wear. This is a required inspection listed in Chapter 5 of the Maintenance Manual every 600 hours of component operation.