

# OPERATIONS SAFETY NOTICE

December 28, 2009

## OSN 47-09-9

TO: **All Owners/Operators of Bell 47 Helicopters**

SUBJECT: **MAIN ROTOR HUB INBOARD THRUST DUPLEX BEARING  
047-120-417-XXX, IDENTIFICATION OF THRUST SIDE.**

Bell helicopter has received an unconfirmed report of main rotor hub inboard thrust duplex bearing premature degradation due to improper installation. At this stage of the investigation, it is suspected that the "THRUST HERE" marking on the "Face" side of the bearing may cause confusion and lead to improper installation of the bearing.

This Operation Safety Notice (OSN) is issued to advise Owners/Operators of this potential situation and clarify the correct installation of the main rotor hub inboard thrust duplex bearing. For correct installation, refer to the applicable Maintenance & Overhaul Manual and the pictures/figure below. This installation is commonly named "TANDEM DUPLEX".

