



# SERVICE LETTER

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DATE: 12 NOVEMBER 1984  
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TO: All owners and operators of Hughes Helicopters

## MAJOR INSTALLATIONS AND ALTERATIONS TO YOUR HUGHES HELICOPTERS

MODELS AFFECTED: All Hughes Model 369D, 369E, 369F, 369H, 369HE, 369HM and 369HS Series helicopters.

Hughes Helicopters, Inc., recommends that extreme care be used when selecting a facility to make major structural repairs, install major systems or components, or make any alteration to your Hughes Helicopter. The facility selected should use only parts, materials and procedures authorized by Hughes for accomplishment of the task.

Major structural repair, system or component installation, and helicopter alteration can change the structural load paths of the helicopter. The application of greater loads to structural components, not designed or tested for such loads, can reduce the fatigue life of those components. Any such repair, installation, or alteration that changes the structural load paths which were determined during testing and certification of the original helicopter design revokes the FAA certification of that helicopter. Recertification requires sufficient stress and fatigue analysis/testing to determine if the certificated service and fatigue life of the helicopter has been affected. Additionally, modification of a basic system which is part of the original design, should not be made without conducting a failure mode and effect analysis.

Hughes Helicopters, Inc., will not accept responsibility or liability for any Hughes Helicopter on which work beyond the scope authorized by Hughes maintenance instructions has been performed. These instructions are not intended for the purpose of major structural modifications or rebuilding of helicopters. If you have any questions concerning major repairs, installation or alterations to your Hughes Helicopter, contact your Hughes Service Center or Distributor.

A handwritten signature in black ink, appearing to read 'Edward Koch'.

Edward Koch, Manager,  
Customer Service Department  
Hughes Helicopters, Inc.