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FAA APPROVED ROTORCRAFT FLIGHT MANUAL SUPPLEMENT TO THE BELL 47 SERIES AND OH-13 WASP AND TOMCAT CONVERSION HELICOPTERS WITH HAC-47-3 COMPOSITE TAIL ROTOR BLADES

Document: QA-FM-SUB-REQ-FAA-1-10-06-00 Revision 2

Registration Number _____ Serial Number _____

This supplement must be attached to the FAA approved Bell 47 series and OH-13 TomCat or Wasp conversion basic flight manual when the helicopter is modified by the installation of the HAC-47-3 composite tail rotor blades in accordance with Supplemental Type Certificate SR09066RC

I. Limitations:
No Change

II. Procedures:

TAIL ROTOR PREFLIGHT INSPECTION

A preflight inspection shall be performed prior to each flight

1. (Blades with stainless steel abrasion strip) Visually inspect the stainless steel abrasion strip and mounting rivets for damage.
2. (Blades with nickel abrasion strip). Visually inspect the nickel abrasion strip for damage.
3. (Blades with urethane abrasion strip) Visually inspect the urethane abrasion strip for damage including but not limited to deep cuts, erosion and loose strips.
4. Check for pitch bushing wear by immobilizing the hub with one hand and moving the blade tip perpendicular to the blade surface (side to side). A maximum of 3/16" travel is permissible.
5. Check blade for cracks between the outboard bushing and the leading edge. None is permitted.
6. Check pitch horn ring mounting by trying to move it relative to the blade. No movement is permitted.

!!! WARNING!!!

DO NOT FLY WITH DAMAGED BLADES!!!
IF EXPERIENCING IN FLIGHT HIGH SPEED VIBRATION (PEDAL BUZZ) LAND IMMEDIATELY!!!!!!


!!! WARNING!!!

DO NOT FLY IN THE RAIN WITH URETHANE ONLY ABRASION STRIPS

!!! WARNING!!!

IN EVENT OF LIGHTNING STRIKE LAND AS SOON AS POSSIBLE AT THE NEAREST SAFE LANDING SITE

III. PERFORMANCE:
No change

FAA APPROVAL  (FOR)
Manager, Flight Test Branch
Seattle Aircraft Certification Office

DATE 29 APR 14