

Airwolf Aerospace, LLC

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

AIRWOLF AEROSPACE, LLC.

MAIN ROTOR BLADE PROTECTIVE TAPE

Kit No. AA-RBPT-100

INSTALLED ON

ROBINSON MODEL R22 & R44 HELICOPTERS

STC SR_ _ _ _ _CH

RECORD OF REVISIONS

Revision Number	Issue Date	Date Issued	By
0.....	06/18/07.....	06/18/07.....	J. McGarvey

LIST OF REVISIONS:

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CHAPTER 1 INTRODUCTION

- 1. Type Design Change:** This type design change consists of the application of Airwolf Aerospace,LLC Polyurethane Protective Tape over the outboard leading edge of Robinson R22 and R44 Main Rotor Blades pursuant to STC SR_____CH.
- 2. Scope:** The scope of this Instruction for Continued Airworthiness (ICA) focuses exclusively on Maintenance, Inspection & Airworthiness Limitations of this FAA-approved type design change.
- 3. Purpose:** The purposes of this ICA are to apprise Owner/Operators who have modified their rotorcraft pursuant to this type design change: (1) When,where & how to inspect; and (2) When to replace this type design change to assure continued operational safety.
- 4. Arrangement:** This ICA is a single document comprised of 3 Chapters: Chapter 1, Introduction; Chapter 4, Airworthiness Limitations; and Chapter 5, Inspection Requirements & Overhaul Schedule.
- 5. Superseded Documents:** This ICA supersedes Robinson R22 & R44 Maintenance Manuals with respect to the application and maintenance of Main Rotor Blade protective materials only.
- 6. Applicability:** This ICA is applicable to all Serial Numbered Robinson Model R22 & R44 Rotorcraft.
- 7. Precautions:** The Installation Manual, Airwolf Aerospace,LLC Report RBPT-100, for this type design change referenced in this ICA contains a "Caution" note to minimize the likelihood of installers causing damage to the Rotor Blades.
- 8. Distribution:** Airwolf Aerospace,LLC will maintain a list of all Robinson Owner/Operators that have purchased Modification Kit No. AA-RBPT-100,and should the need arise to modify this ICA, the AEG-accepted revision will be sent directly to all Owner/Operators.
For Owner/Operators having internet access,the latest AEG-accepted revision to this ICA will be available for downloading from the Airwolf Aerospace website: www.airwolfaerospace.com.

CHAPTER 4 AIRWORTHINESS LIMITATIONS

There are no Airworthiness Limitations associated with this type design change.

CHAPTER 5 INSPECTION REQUIREMENTS & OVERHAUL SCHEDULE

1. INSPECTION REQUIREMENTS

It is recommended that a visual inspection of the protective tape, to be conducted in a well illuminated space, looking for evidence of degradation such as excessive erosion, and delamination(blistering/bubbling) at the following intervals:

- a. Preflight
- b. Annually
- c. Special inspection following flight into rain,sand/dust storms

Airwolf Polyurethane Protective Tape is NOT repairable. Inspectors and Owner/Operators should look for evidence that the Protective Tape has degraded. Protective Tape found to have degraded/eroded away an area the size of a U.S. Dime or 0.50 inch are no longer airworthy, and must be removed and replaced using the procedures specified in Airwolf Aerospace,LLC. Report RBPT-100, No Rev. dated 06/15/07 or later FAA-approved revision.

2. OVERHAUL SCHEDULE

No overhaul required for this type design change.