



Supplemental Type Certificate

Number **STC SVR516**

This certificate, issued to

**FlightLog Pty Ltd
15 Coronation Drive
Wentworth Falls
NSW 2782 Australia**

certifies that the change in the type design for the following product, with the conditions and limitations specified herein, meets the airworthiness requirements of regulation 21.101 of CASR 1998.

Original Product Reference: Robinson R22 CASA Type Acceptance Certificate R19, original issue, Date of Issue: 29 October 1998.

Description of Type Design Change:

Installation of Main Rotor Blade leading edge anti erosion tape ("Bladeguard" Conformal Vortex Generating Erosion Protection System P/N O-201), manufactured from a self-adhesive polymer material as described in the type design data and installed and maintained in accordance with installation manual instructions and continuing airworthiness instructions. Operational aspects/limitations are described in a Flight Manual Supplement.

Conditions This approval should not be extended to other aircraft of this model on which previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this modification and any of those previously approved modifications will produce no adverse effect upon the airworthiness of that aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate shall remain in effect until suspended, cancelled, or a termination date is otherwise established by the Civil Aviation Safety Authority.

Limitations Refer to *STC Continuation Sheet* for limitations and type design data.

Date of Application

21 November 2011

Date of Issue

20 June 2012



David Villiers
Delegate of the Authority

This certificate issued pursuant to Part 21.113A of the Civil Aviation safety Regulations 1998

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(Continuation Sheet)

Limitations

The following limitations are supplementary to the conditions and limitations given in the original product reference certificate. The original conditions and limitations continue to apply unless superseded by the limitations below.

Applicability

This STC is applicable to Robinson R22 helicopters, all serial numbers, with P/N A016-4 or A016-6 Main Rotor Blade part numbers fitted.

Airworthiness and Operational Limitations/Special conditions

1. The approval of this STC supersedes the restriction on the installation of blade anti erosion tape as stated in the Robinson Maintenance Manual.

Type Design Data

1. Design Data and Master Drawings DOC11020-1, Rev A, dated 15 June 2012 or later CASA approved revision.
2. Maintenance Manual Supplement (includes installation and removal instructions) document DOC 11020-3 original issue, dated 10 April 2012 or later revision.
3. Flight Manual Supplement DOC 11020-4 original issue, dated 30 June 2012 or later CASA approved revision.

Certification Basis

As per the original Type Certification Basis, per FAA TCDS Number H10WE, being 14 CFR Part 27, dated February 1, 1965, including amendments 27-1 through 27-10.