Dakota Air Parts Displays New Composite Tail Rotor Blade for Bell 206 at Heli-Expo

FARGO, N.D., (February 22, 2018) - Dakota Air Parts Intl., Inc., a specialist in the buying, selling and support of a variety of rotor-wing and fixed-wing aircraft, turbine engines, and parts has announced that it is displaying a new to market composite tail rotor blade for the Bell 206A and 206B helicopters during Heli-Expo 2018, February 27 - March 1 in Las Vegas. Dakota Air Parts is exhibiting at Booth # N3025.

Together with Australian manufacturer Airwork Helicopters, Dakota Air Parts is proud to introduce new-to-market composite tail rotor blade for the Bell 206 JetRanger Series helicopters. AMT-206-1 tail rotor blades are a direct replacement for OEM blades.

The blade design incorporates a non-symmetrical airfoil section and a swept tip. The blades are primarily fabricated from uni-directional Graphite (carbon fiber) and Aramid (Kevlar™) continuous fibers suspended in an epoxy matrix.

The nickel abrasion strip is designed to protect the blade under harsh operating conditions, like those encountered in agricultural work. The abrasion strip is 1-¾ inches wide and covers 23% of the chord, providing protection to all of the blade surfaces exposed during flight, ensuring that erosion doesn't impact the blade structure.

Operators flying in areas with stringent noise restrictions will find these blades especially valuable. Helicopters operating with the AMT-206-1 tail rotor blade demonstrate noise levels compliant with Stage 3 Noise requirements with an overflight noise level of 80.0 dB.

The AMT-206-1 composite tail rotor blades offer a 30% cost advantage with twice the life over the standard 206 tail rotor blades. Additional features include:

- 5,000 hour time life, twice the life of standard OEM blades
- 30% lower hourly operating costs
- Higher margin of safety due to increased strength

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- Corrosion resistant and impervious to saltwater
- Replaceable bushings and abrasion strips
- Significant noise reduction, 68% reduction over OEM blades
- Improved ground clearance
- Complies with FAA stage 3 noise requirements
- Tested for over 51 million cycles

The blades are manufactured in Australia under an Australian Parts Manufacturing Approval (APMA) and have CASA and FAA STC’s:

- FAA STC: SR02644LA
- CASA STC: STC-SVR520
- APMA: 410142

Distribution and sales are managed by Dakota Air Parts and Airwork Helicopters with Airwork managing sales in Australia, New Zealand, and Papua New Guinea while all other regions are serviced by Dakota Air Parts. Air Services International of Phoenix, Arizona (www.asimro.com) and Air Services International DWC-LLC of Dubai, UAE (www.asi.ae) are also product representatives.

Operators interested in learning more information about the AMT-206-1 tail rotor blades, as well as to view a set of the blades, can visit during Heli-Expo at booth #N3025 or contact Dakota by phone at +1 (701) 297.9999 or online at www.DakotaAirParts.com.

About Dakota Air Parts Intl., Inc. (www.DakotaAirParts.com)
Dakota Air Parts specializes in the buying, selling and support of a variety of rotor-wing and fixed wing aircraft, turbine engines, and parts - OEM & aftermarket. Dakota Air Parts has access to the most diverse parts information infrastructures in the world allowing them to offer the most competitive pricing without compromising quality or delivery to customers worldwide. For more information about Dakota Air Parts call +1 (701) 297.9999 or visit www.DakotaAirParts.com.

About Airwork Helicopters (www.airwork.com.au)
Airwork Helicopters is widely regarded as one of the best helicopter pilot training facilities in Australia. Located at Caboolture Airport north of the Brisbane Airwork Helicopters provides engineering services, flight training, aerial agriculture services, aerial work and charter flights. For more information about Airwork Helicopters call +61 7 5495 8000 or visit www.Airwork.com.au.

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