

**FAA APPROVED
ROTORCRAFT FLIGHT MANUAL
SUPPLEMENT
FOR THE
BELL HELICOPTER MODEL
B-429
WHEN EQUIPPED WITH THE
AFM- AM429-1 TAIL UTILITY MOUNT**

REGISTRATION #: _____ SERIAL #: _____

The information in this supplement is FAA approved material and must be attached to the FAA Approved Bell 429 Rotorcraft Flight Manual when the rotorcraft has been modified by the installation of Airfilm AFM-AM429-1 Tail Utility Mount System in accordance with:

STC # SR02376LA

The information contained herein supplements or supersedes the information in the basic Rotorcraft Flight Manual only in those areas listed herein. For Limitations, Procedures and Performance information not contained in this Supplement, consult the basic Rotorcraft Flight Manual.

FAA APPROVED:  _____

Manager, Flight Test Branch, ANM-160L
Federal Aviation Administration
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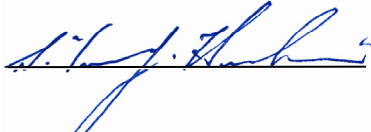
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GENERAL INFORMATION

The mount is designed to facilitate the attachment of equipment such as searchlights, FLIR cameras, video cameras, microwave downlinks, etc. The Tail Utility attaches at the fuselage to tail boom joint located at FS 361.0/WL 51.0/Buttline 0.0.

Searchlight/camera/sensor payloads are attached to the DT-1 (dovetail), QDD-1 (quick disconnect) or other factory approved adaptor hardware configurations.

The mount is approved for VFR, IFR and Category "A" operations



Figure 1. Aft Mount Installation

SECTION 1 – LIMITATIONS

OPERATION

- The camera, sensor, light package is limited to a maximum allowable frontal area of 2.25 sq. ft. and a weight of 100 lbs.
- Minimum ground clearance of installed payload = 36 inches

SECTION 2 – NORMAL PROCEDURES

PREFLIGHT

- External Inspection. Prior to the first flight each day the pilot shall visually inspect the following:
 - All attachment points and hardware for security.
 - Support structure for signs of stress, distortion, fatigue cracks or damage.

SECTION 3 – EMERGENCY PROCEDURES

No change from the basic Rotorcraft Flight Manual.

SECTION 4 - PERFORMANCE

No change from the basic Rotorcraft Flight Manual.

SECTION 5 – WEIGHT & BALANCE

DESCRIPTION	STATION (in)	BL (in)
Tail Payload Attach Point	363.00	0.0

CAUTION

The longitudinal CG can be easily exceeded with a payload attached.

Check weight & balance with a payload attached