

**AirFilm Camera System**  
6245 Aerodrome Way /P.O. Box 1352  
Georgetown, CA 95634  
Supplement No. AFSP-005

**FAA/EASA APPROVED  
ROTORCRAFT FLIGHT MANUAL  
SUPPLEMENT  
TO THE  
EUROCOPTER AS 350 & AS 355 SERIES  
ROTORCRAFT FLIGHT MANUAL  
WHEN EQUIPPED WITH THE  
AFSP-1 SINGLE POLE  
UTILITY MOUNT**

REGISTRATION #: \_\_\_\_\_ SERIAL #: \_\_\_\_\_

The information in this supplement is FAA/EASA approved and must be attached to the appropriate FAA Approved Eurocopter Model AS 350 & AS 355 Series Rotorcraft Flight Manual when the Airfilm Model AFSP-1 Single Pole Utility Mount is installed in accordance with:

STC No. SR 01785 LA  
EASA IM.R.S 1160

The information contained in this document supplements or supersedes the basic manual only in those areas listed herein. For limitations, emergency procedures, normal procedures, and performance information not contained in this supplement, consult the basic FAA Approved Rotorcraft Flight Manual.

FAA APPROVED \_\_\_\_\_

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Federal Aviation Administration  
Los Angeles Aircraft Certification Office  
Transport Airplane Directorate

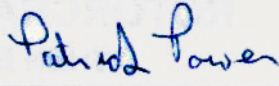
FAA DATE: \_\_\_\_\_

*July 13, 2006*

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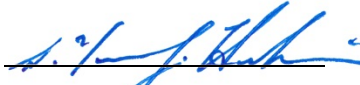
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### LOG OF REVISIONS

Rv	Pg	Date	Description	FAA Approval
N/C	1-5	12 May 2005	Original Issue	 <hr/> Manager, Flight Test Branch ANM160L FAA, LA ACO Transport Airplane Directorate  Date: <u>May 12, 2005</u>

### LOG OF REVISIONS

Rev	Pg	Date	Description	FAA Approval
A	1-6	13 July 2006	Added EASA Number to cvr & all pages.	<i>Patrick Power</i>
	2,3		Added "typical" to pictures	Manager, Flight Test Branch ANM160L FAA, LA ACO Transport Airplane Directorate
	4		Added pilot limitation – operations & airspeed	<i>July 13, 2006</i> Date: _____

Rev	Pg	Date	Description	FAA Approval
B	4	10 Mar 2014	Section 2 Limitations, Weight & Size – Removed reference to the “diameter of 15.5 in.”	 Manager Flight Test Branch ANM160L FAA, LA ACO Transport Airplane Directorate  Date: <u>March 10, 2014</u>

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## **SECTION I GENERAL**

The Airfilm AFSP-1 Single Pole Utility Mount consists of a tubular aluminum that attaches to the left lateral beam at the hammer weight attachment point and forward landing gear cross tube of the aircraft.

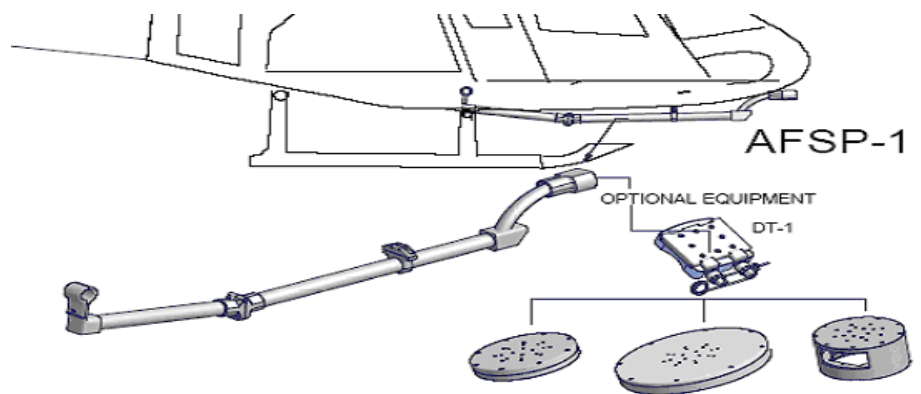
This post structure will accommodate camera or sensor type payloads not to exceed 150 pounds.



**Figure 1. Single Pole with Cineflex HD (typical) – Front View**



**Figure 2. Single Pole with Cineflex HD (typical) - Right Side View**



**Figure 3. Single Pole Mount and Optional "DoveTail"**

The payload may be installed and removed by the pilot when the payload uses the "dovetail" mount. This optional mount requires no tools for the installation of the payload.

## SECTION 2 LIMITATIONS

### Operations

- The pilot is prohibited from operating the camera or sensor system

### Weight & Size

- The camera package is limited to a maximum allowable frontal area of 2.5 sq. ft., and a weight of 150 lbs.

### Airspeed

- Reduce the published  $V_{NE}$  by 15 KIAS with a payload installed on the mount.
- No airspeed reduction with the Pole Mount only installed.

### Placard

REDUCE PUBLISHED  $V_{NE}$  BY 15 KIAS WITH  
A PAYLOAD INSTALLED

## SECTION 3 EMERGENCY PROCEDURES

No change



## **SECTION 4    NORMAL PROCEDURES**

### **External Inspection**

Prior to the first flight each day the pilot shall visually inspect the following:

- All attachment points for cracks or damage and hardware for security.

## **SECTION 5    PERFORMANCE**

- Hover performance - no change
- Climb performance – reduce by 50 ft/min

## **SECTION 6    WEIGHT & BALANCE**

The Single Pole payload CG is:

Station 5.7 Longitudinal  
Butt line -21.8 Left Lateral or +21.8 Right Lateral

The maximum weight of an external load on the Single Pole is 150 pounds