

AirFilm Camera System
4682 Garden Pl.
Yorba Linda, CA. 92886
Supplement No. AF-120 RFM

**FAA APPROVED
ROTORCRAFT FLIGHT MANUAL SUPPLEMENT
FOR THE INSTALLATION OF**

LEFT SIDE UTILITY MOUNT

TO THE

EUROCOPTER EC-120B HELICOPTER

This supplement must be attached to the appropriate FAA Approved Rotorcraft Flight Manual when the rotorcraft is modified by the installation of Left Side Utility Mount in accordance with STC Number:

SR 01302 LA

The information contained herein supplements or supersedes the basic 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
Los Angeles Aircraft Certification Office
Transport Airplane Directorate

Date of Approval:

February 19, 2002

LOG OF REVISIONS


Rev	Page	Date	Description	FAA Approval
N/C	1-3	19 Feb 02	Original Issue	 Manager, Flight Test Branch ANM160L FAA, LA ACO Transport Airplane Directorate Date: <u>2/19/02</u>

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SECTION I - INTRODUCTION

The AF 120 Universal Left Side Mount, on the Eurocopter EC-120B Helicopters consists of a vertical tube that attaches to a shoulder and belly of OEM provided hard point and a horizontal drag brace that attaches to a hard point on the side of the aircraft. This hard point is part of the mount installation.

The mount is designed to accommodate a series of cameras, FLIRS, Lights or other packages not to exceed 125 lbs or 2.52 sq ft flat plate area.



SECTION II - FLIGHT ENVELOPE LIMITATIONS

1. Airspeed Limitations

- Reduce the published V_{NE} by 20 kts (130 KIAS at $H_p = 0$).
- Reduce speed by 3 kts per 1000 ft

2. Placard & Markings

- Red line on the airspeed indicator at 130

SECTION III - EMERGENCY & MALFUNCTION PROCEDURES

No change to the basic RFM.

SECTION IV - NORMAL PROCEDURES

Pre-Flight

- Exterior
Mount Bracket – Check Security

SECTION V - PERFORMANCE DATA

Hover performance - no change
Climb performance - reduce rate by 100 ft/min

SECTION VI - WEIGHT & BALANCE

See Installation Manual