

**ENSTROM 480B OPERATOR'S MANUAL  
AND  
FAA APPROVED  
ROTORCRAFT FLIGHT MANUAL SUPPLEMENT  
FOR  
ARGENTINE REGISTERED HELICOPTERS**

\* \* \* \* \*

REPORT NO. 28-AC-054

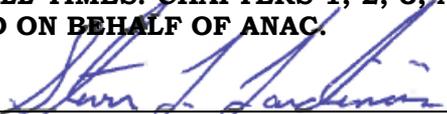
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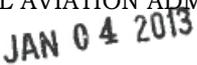
HELICOPTER REGISTRATION NO. \_\_\_\_\_

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**THIS SUPPLEMENT MUST BE CARRIED IN THE  
HELICOPTER AT ALL TIMES. CHAPTERS 1, 2, 3, AND 4  
ARE FAA APPROVED ON BEHALF OF ANAC.**

FAA APPROVED BY:  \_\_\_\_\_

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**LOG OF REVISIONS**

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APPROVED FOR THE MANAGER  
CHICAGO AIRCRAFT CERTIFICATION OFFICE  
CENTRAL REGION  
FEDERAL AVIATION ADMINISTRATION

**ROTORCRAFT FLIGHT MANUAL SUPPLEMENT  
ARGENTINE REGISTERED HELICOPTERS**

**TABLE OF CONTENTS**

| <u>CHAPTER</u> | <u>DESCRIPTION</u>  | <u>PAGE</u> |
|----------------|---|-------------|
|                | Supplement Cover Page                                     |             |
|                | Log of Revisions.....                                     | i           |
|                | Table of Contents .....                                   | ii          |
|                | List of Effective Pages .....                             | iii         |
|                | INTRODUCTION .....  | INTRO       |
| CHAPTER 1      | OPERATING LIMITATIONS .....                               | 1           |
| CHAPTER 2      | NORMAL PROCEDURES .....                                   | 5           |
| CHAPTER 3      | EMERGENCY PROCEDURES .....                                | 5           |
| CHAPTER 4      | PERFORMANCE DATA .....                                    | 5           |
| CHAPTER 5      | OPTIONAL EQUIPMENT SUPPLEMENTS ...                        | 6           |
| CHAPTER 6      | WEIGHT/BALANCE AND LOADING.....                           | 7           |
| CHAPTER 7      | HELICOPTER AND SYSTEMS<br>DESCRIPTION AND OPERATION ..... | 7           |
| CHAPTER 8      | HANDLING, SERVICING, AND<br>MAINTENANCE .....             | 7           |
| CHAPTER 9      | SUPPLEMENTAL INFORMATION .....                            | 7           |
| CHAPTER 10     | ABBREVIATED CHECKLIST .....                               | 7           |

**LIST OF EFFECTIVE PAGES**

| <u>PAGE</u> | <u>DATE</u> |
|-------------|-------------|
| i           | Nov 12/13   |
| ii          | Dec 3/12    |
| iii         | Nov 12/13   |
| INTRO-1     | Dec 3/12    |
| 1           | Dec 3/12    |
| 2           | Dec 3/12    |
| 3           | Dec 3/12    |
| 4           | Nov 12/13   |
| 5           | Dec 3/12    |
| 6           | Dec 3/12    |
| 7           | Dec 3/12    |
| 8           | Dec 3/12    |

## **INTRODUCTION**

### **Intro-1. General**

This supplement contains operating instructions, procedures, and limitations for Enstrom 480B helicopters registered in the Argentina. Chapters 1, 2, 3, and 4 make up the FAA approved RFM Supplement. It is required by Federal Regulations that this supplement be carried in the helicopter at all times.

For additional information regarding the supplement format and text emphasis or definitions, refer to the Basic Flight Manual. Abbreviations noted in this supplement are listed in Table Intro-1.

### **Intro-1. List of Abbreviations**

|      |  |
|------|--|
| ANAC | Administración Nacional de Aviación Civil<br>Argentina |
| DNAR | Reglamento de la Dirección de<br>Aeronavegabilidad     |
| FAA  | Federal Aviation Administration                        |
| RFM  | Rotorcraft Flight Manual                               |
| TCDS | Type Certificate Data Sheet                            |

## CHAPTER 1. OPERATING LIMITATIONS

### 1-1. General

1. Refer to the basic RFM.
2. In addition to the operating limitations set forth in the basic RFM, the following limitations must be observed during ground and flight operations.

### 1-2. Engine

1. The engine is Rolls-Royce 250-C20W.

### 1-3. Fuel System

1. Total fuel capacity is 90 gallons/340 liters, with a total of 1.7 gallons unusable fuel or 0.85 gallon/3.2 liter unusable fuel per fuel tank.

### 1-4. Altitude Limits

1. Maximum operating pressure altitude without supplement oxygen equipment 3,000 m (10,000 ft).
2. Oxygen equipment must be approved by ANAC.

### 1-5. Equipment

1. The appropriate equipment for different types of operation must comply with Argentine applicable regulations.
2. The aircraft must be equipped with a fire extinguisher.
3. The aircraft must be equipped with a first aid kit

**1-6. Placards**

1. Placards that are to be located on the baggage shelf behind the pilot seat:

**BAGGAGE MUST BE SECURED PRIOR TO  
TAKE OFF AND LANDING  
EL EQUIPAJE DEBE ESTAR ASEGURADO  
ANTES DEL DESPEGUE Y ATERRIZAJE**

**50 POUNDS MAXIMUM  
MÁXIMO 22.68 KGS. (50 LBS.)**

2. Placards that are to be placed on the interior side of the baggage compartment door:

**MAX ALLOWABLE CARGO  
150 LBS. (68 KGS.)  
MÁXIMA CARGA PERMITIDA  
68 KGS. (150 LBS.)**

**OBSERVE C.G. AND GROSS WEIGHT  
LIMITATIONS  
RESPETAR LIMITACIONES DE CENTRO  
DE GRAVEDAD Y PESO BRUTO**

3. Placard that is to be placed on the fabric bulkhead separating the baggage box compartment from the baggage box extension (if the optional extended baggage box is installed):

**MAX. LOADING – 50 LBS. (22.68 KGS.)**  
**CARGA MÁXIMA – 22.68 KGS. (50 LBS.)**

4. Placard that is to be placed on the top fuselage near the fuel port:

**CAP. 90 U.S. GAL (340.65 LTS.)**  
**JP-4 / JET-A**  
**USE MIL-DTL-5624/ASTM D1655**  
AT TEMPERATURES BELOW 4°C (40°F) FUEL MUST CONTAIN  
MIL-DTL-85470 FUEL ADDITIVE  
(SEE RFM TABLE 8-4 FOR APPROVED ALTERNATE FUELS)

**CAPACIDAD 340.65 LTS. (90 U.S. GAL)**  
**JP-4 / JET-A**  
**UTILICE MIL-DTL-5624/ASTM D1655**  
A TEMPERATURAS POR DEBAJO DE 4°C (40°F) EL  
COMBUSTIBLE DEBE CONTENER ADITIVO PARA  
COMBUSTIBLE MIL-DTL-85470  
(VER TABLA 8-4 DEL MANUAL DE VUELO DEL HELICOPTERO PARA COMBUSTIBLES  
ALTERNATIVOS APROBADOS)

## 4 ENSTROM 480B RFM SUPPLEMENT

5. Placard that is to be placed on each side of the cargo hook coupling (if equipped with the optional cargo hook):

**EXTERNAL LOAD LIMIT  
1000 LBS. (454 KGS.)  
LÍMITE CARGA  
EXTERNA 454 KGS.  
(1000 LBS.)**

6. Placard that is to be placed near the door handle (interior):

- a. Placard located on the left cabin door:



**EMERGENCY EXIT RAISE DOOR HANDLE TO OPEN DOOR  
SALIDA DE EMERGENCIA LEVANTE LA MANIJA PARA ABRIR LA PUERTA**

- b. Placard located on the right cabin door:

**EMERGENCY EXIT RAISE DOOR HANDLE TO OPEN DOOR  
SALIDA DE EMERGENCIA LEVANTE LA MANIJA PARA ABRIR LA PUERTA**



7. Placard that is to be placed near the door handle (exterior):

- a. Placard located on the left cabin door:

**LOWER DOOR HANDLE TO OPEN DOOR  
BAJAR LA MANIJA PARA ABRIR LA PUERTA**



- b. Placard located on the right cabin door:



**LOWER DOOR HANDLE TO OPEN DOOR  
BAJAR LA MANIJA PARA ABRIR LA PUERTA**

## **CHAPTER 2. NORMAL PROCEDURES**

### **2-1. General**

1. Refer to the basic RFM.

## **CHAPTER 3. EMERGENCY PROCEDURES**

### **3-1. Electrical System Failure**

1. Refer to the basic RFM.

## **CHAPTER 4. PERFORMANCE DATA**

### **4-1. General**

1. Refer to the basic RFM.

**CHAPTER 5. OPTIONAL EQUIPMENT SUPPLEMENTS****5-1. General**

1. Refer to the basic RFM.
2. In addition to the applicable equipment installations set forth in the basic RFM, include the following list of supplements that are documented in FAA TCDS H1CE and are ANAC approved.

| Report Number | Title   |
|---------------|---|
| 28-AC-027     | Avidyne Traffic Advisory System   |
| 28-AC-030     | Garmin SL30 NAV/COM Transceiver with MD200-306 CDI  |
| 28-AC-035     | Sandia Altitude Data System   |
| 28-AC-036     | 2+2 Seating Configuration   |
| 28-AC-040     | KTR 908/KFS 598A VHF;<br>KTR 909/KFS 599A UHF<br>Communication Radio Systems;<br>and KMA 24H Audio System |
| 28-AC-042     | Powerline Detection System  |
| 28-AC-043     | Partial Wide Instrument Panel   |
| 28-AC-048     | NAT AMS44 Dual Channel Audio Controller / NAT 247 Audio Mixing Amplifier                                  |
| 28-AC-049     | Sandel SN3500 EHSI  |

**CHAPTER 6. WEIGHT/BALANCE AND LOADING****6-1. General**

1. Refer to the basic RFM.

**CHAPTER 7. HELICOPTER AND SYSTEMS  
DESCRIPTION AND OPERATION****7-1. General**

1. Refer to the basic RFM.

**CHAPTER 8. HANDLING, SERVICING, AND  
MAINTENANCE****8-1. General**

1. Refer to the basic RFM.

**CHAPTER 9. SUPPLEMENTAL INFORMATION****9-1. General**

1. Refer to the basic RFM.

**CHAPTER 10. ABBREVIATED CHECKLIST****10-1. General**

1. Refer to the basic RFM.

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