

**ENSTROM 480B OPERATOR'S MANUAL  
AND  
TCCA APPROVED  
ROTORCRAFT FLIGHT MANUAL SUPPLEMENT  
FOR  
HELICOPTERS REGISTERED IN CANADA**

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REPORT NO. 28-AC-077

HELICOPTER SERIAL NO. \_\_\_\_\_

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 TCCA APPROVED.**

**APPROVED** ANDREAS HARTONO **DATE** 24 JAN 2019

*FOR*

**CHIEF, FLIGHT TEST FOR  
DIRECTOR - NATIONAL AIRCRAFT CERTIFICATION TRANSPORT  
CANADA**

**PROPRIETARY**

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**LOG OF REVISIONS**

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**Chief, Flight Test for**  
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**CANADA**

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## **INTRODUCTION**

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

This supplement contains the operating instructions, procedures, and limitations for Enstrom 480B helicopters registered in Canada. Chapters 1, 2, 3, and 4 make up the TCCA-Approved Rotorcraft Flight Manual (RFM) Supplement. It is required by TCCA 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 RFM.

## **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. Takeoff/Landing Load and Altitude Limits**

1. The takeoff and landing gross weight limit chart is depicted in Figure 1-1. Controllability was demonstrated at 2650 pounds at 9600 feet density altitude in wind conditions up to 40 knots.

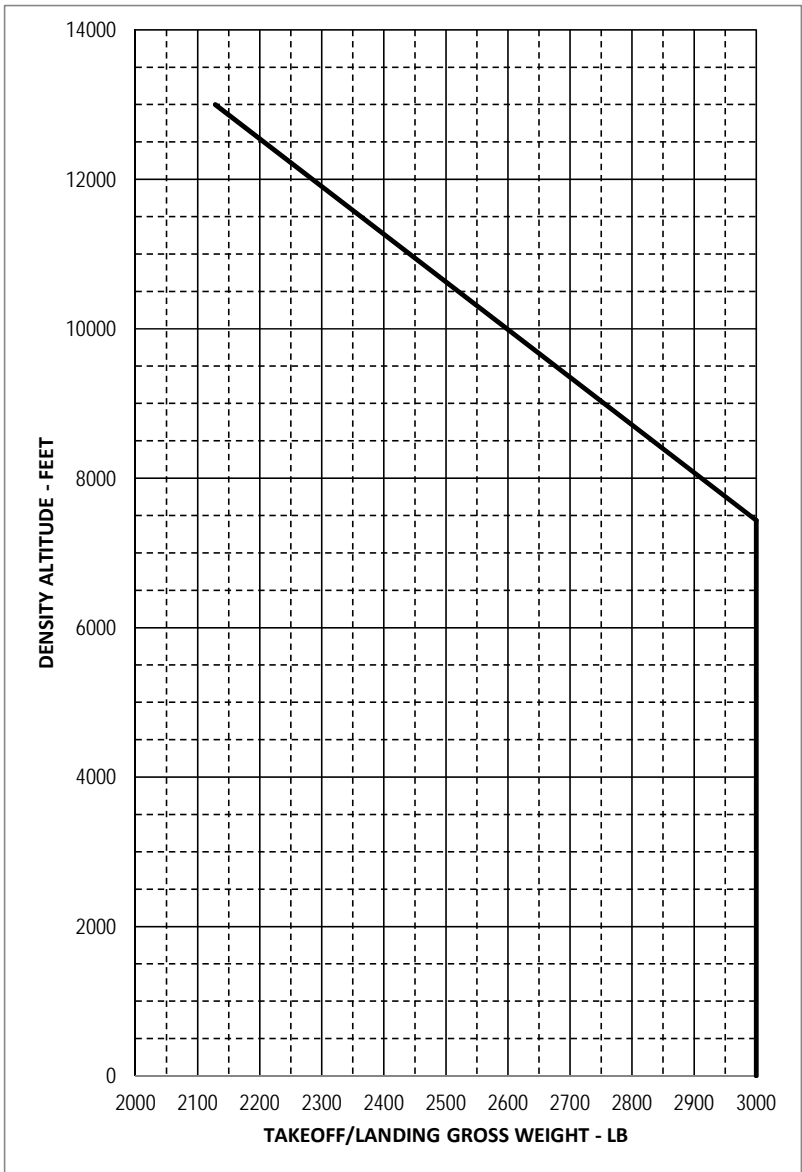


Figure 1-1. Takeoff and Landing Gross Weight Limits

## **CHAPTER 2. NORMAL PROCEDURES**

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

1. Refer to the basic RFM.

## **CHAPTER 3. EMERGENCY PROCEDURES**

### **3-1. General**

1. Refer to the basic RFM.

## **CHAPTER 4. PERFORMANCE DATA**

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

1. Refer to the basic RFM.
2. In addition to the performance set forth in the basic RFM, the following performance data should be considered during ground and flight operations.

### **4-2. Hover**

1. Figure 4-1 shows weight limits, hover ceiling, and the torque required to hover at various pressure altitudes, ambient temperatures (OAT), gross weights, and skid heights.



Hover Performance

Calm Wind  
 103% N<sub>2</sub>  
 372 Rotor RPM  
 All Bleed Air Off

See Basic RFM Limitations Section for Altitude and OAT Limits

EXAMPLE

5000 FT Pressure Alt.  
 10°C  
 2,750 LB GW

56 PSI HIGE  
 64 PSI HOG

**NOTE:** Data presented beyond operating limits is for interpolation and curve fairing purposes only.

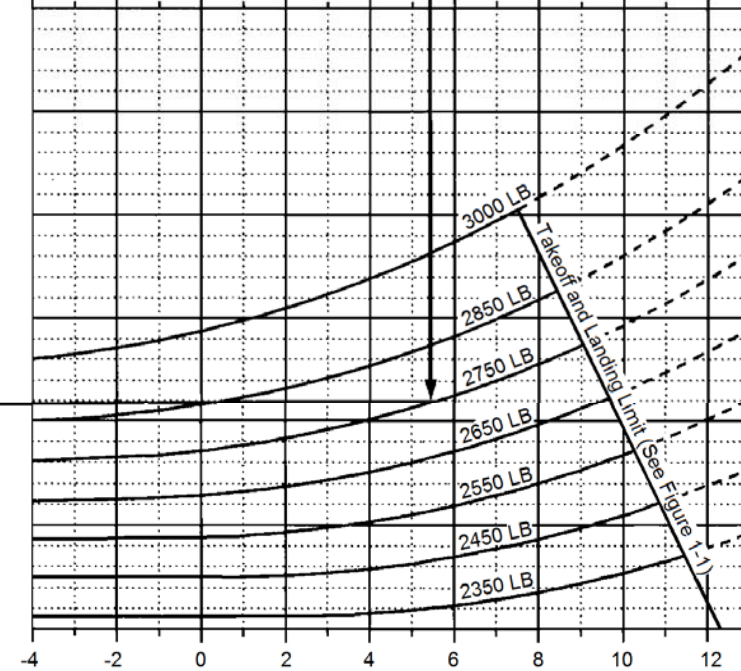
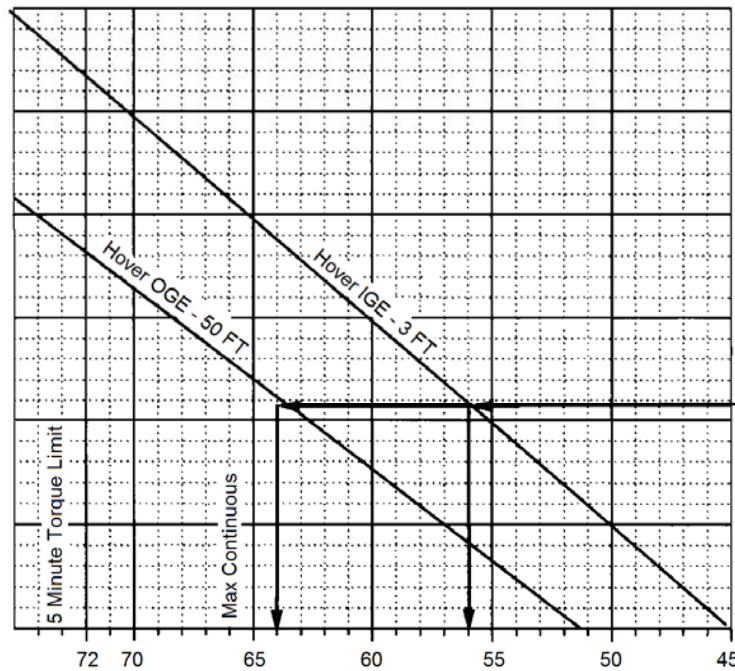
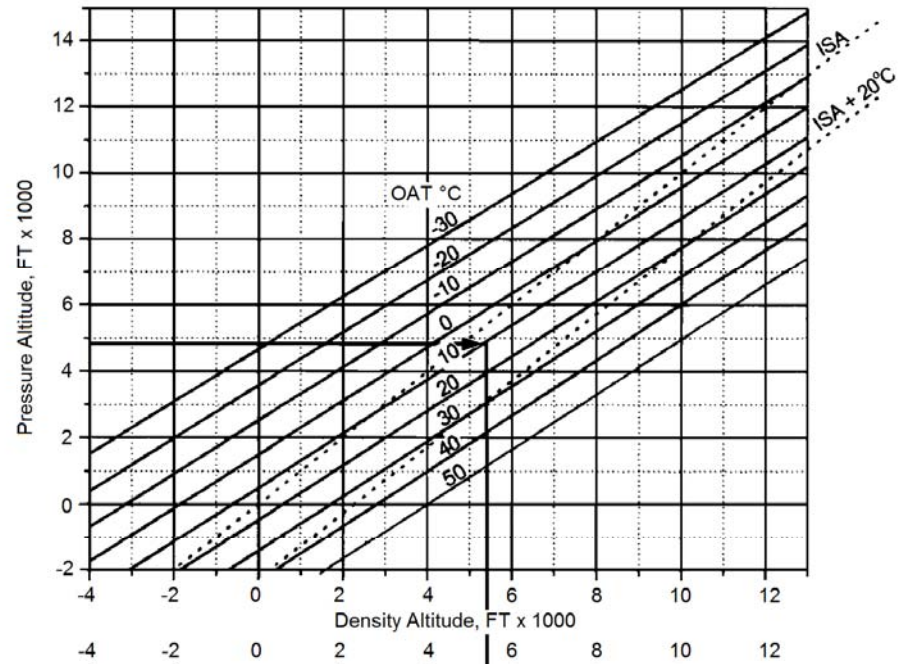


Figure 4-1. Hover Performance

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## **CHAPTER 6. WEIGHT/BALANCE AND LOADING**

### **6-1. General**

1. Refer to the basic RFM.

## **CHAPTER 7. SYSTEM 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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