

Avidyne Corporation  
55 Old Bedford Road  
Lincoln, MA 01773

FAA APPROVED

AIRPLANE FLIGHT MANUAL SUPPLEMENT

FOR AIRCRAFT \_\_\_\_\_  
Listed in Avidyne 700-00007-XXX-0 Approved Model List

WITH

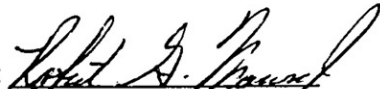
AVIDYNE FLIGHTMAX 700-00007-XXX-0  
EX500 MULTI-FUNCTION DISPLAY (MFD)

REG. NO. \_\_\_\_\_

SER. NO. \_\_\_\_\_

This supplement must be attached to the applicable FAA Approved Airplane Flight Manual when an Avidyne FlightMax 700-00007-XXX-0 is installed in the aircraft so designated in the Approved Model List which accompanies STC #SA00161BO. The information contained herein supplements or supersedes the basic manual only in those areas listed. For limitations and procedures not contained in this supplement consult the basic Airplane Flight Manual.

FAA APPROVED:



Robert G. Mann, Manager  
Boston Aircraft Certification Office  
Federal Aviation Administration  
Burlington, MA.

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Date: SEP 05 2003

Page 1 of 4

P/N 600-00083-000

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### LOG OF REVISIONS

Revision Number	Revised Pages	Description of Revisions	FAA Approval	Date
(-)	ALL	Initial Release	See Page 1 for signature	

A vertical black line in the margin shows revised portions of affected pages.

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Page 2 of 4  
P/N 600-00083-000

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## SECTION I – GENERAL

Avidyne FlightMax EX500, P/N 700-00007-XXX-(), is a multi-function display capable of presenting information from multiple sensors. Information shown on the FlightMax display is intended as an aid to situational awareness. This supplement is applicable to aircraft with gross take-off weights (GTOW) in excess of 6000 lbs.

## SECTION II LIMITATIONS

1. The Avidyne FlightMax EX500 may only be operated in IMC conditions as a radar display when used in conjunction with an independent lightning detection and display system.

## SECTION III EMERGENCY PROCEDURES

No Change

## SECTION IV NORMAL PROCEDURES

### *IMC Operations with Weather Radar*

While operating in IMC conditions with weather radar active, activate lightning detection system and monitor. Correlate lightning strike information with painted radar information to confirm proper system operation.

In the event that radar data and lightning do not coincide, contact ATC for the latest severe weather information.

## SECTION V PERFORMANCE

No Change

## SECTION VI WEIGHT AND BALANCE

No Change

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SECTION VII SYSTEM DESCRIPTION

No Change

SECTION VIII AIRCRAFT HANDLING

No Change

SECTION IX SUPPLEMENTS

This document must be added to the supplements section of aircraft  
POH/AFM

SECTION X SAFETY INFORMATION

No Change