



Activation Instructions

XMD076-01


XM WX Satellite Weather Product

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Revision Record

Revision Level	Date	Description of Changes	Author	Approved by	Approval Date
1.0	7/23/04	Initial release.	MMW	RH	7/23/04
2.0	9/1/04	Updated scope and changed XM WX to XMD076-01.	MMW	JKA	9/2/04
2.1	11/11/04	Changed to include the interface to Avidyne's MFD.	MMW	RH	11/11/04
2.2	04/11/05	Included comments related to transferring XM subscription from Heads Up demo account to customer account.	DJG	RH	4/11/05

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1.0 Introduction

1.1 Overview

Congratulations on the purchase of your XMD076-01 XM WX Satellite Weather system! XM WX, the leader in broadcast weather data for aviation applications, provides real-time weather data via a monthly subscription service. Several tiers of service are available. Please refer to www.xmwxweather.com for available product tiers and pricing information.

IMPORTANT: The XMD076-01 Weather Data Receiver has been pre-activated for a limited time with the Aviator Weather Service package to assist with installation. Upon successful installation of the hardware and related Avidyne software upgrades (as necessary), the XM WX Satellite Weather service MUST be transferred from Heads Up Technologies' pre-activation account to the customer account. Failure to transfer the account in a timely basis will result in the random DE-activation of the receiver, which could occur in-flight. This is accomplished by contacting XM Satellite Radio, Inc. as described in section 2.3.

This process consists of four main steps:

1. Gather information you will need to complete your one time activation and ongoing subscription.
2. Position and Power the Aircraft
3. Call XM Satellite Radio to activate/subscribe.
4. Activate your XMD076-01 Radio.

Heads Up recommends reading this entire document before beginning activation. If you have questions after reading this document, we encourage you to call our Customer Service department as outlined in Section 2.5.

1.2 Purpose

This document is to provide instruction to transfer an account from Heads Up Technologies' pre-activation status to an installed customer account with a XMD076-01 Satellite Weather system and XM Satellite Radio's weather data service.



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1.3 Scope

This document is intended to provide instruction to transfer an XM weather service account when using a XMD076-01 with Avidyne's Flightmax EX5000 and EX500. It is not intended to provide hardware installation or software installation instructions.

This document does not apply to the activation of other Heads Up products including the XMD075-01 and XMD100-01 XMWX Satellite Weather Receivers or the XMR100-01, XMR200-01, XM400-01, and XMR800-01 XM Radio Receivers.

1.4 Applicable Documents

The following documents, in effect as of the date of this document shall form part of this document.

Document Number	Title	Revision
N/A		



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2.0 XMD076-01 Activation Instructions

2.1 Gather Information Needed for XM WX Subscription

2.1.1 XM Serial Number

To obtain the XM Serial Number of the XMD076-01 installed in the aircraft, view the **MFD Trip Page** of the Avidyne MFD as illustrated in Figure 1, below.

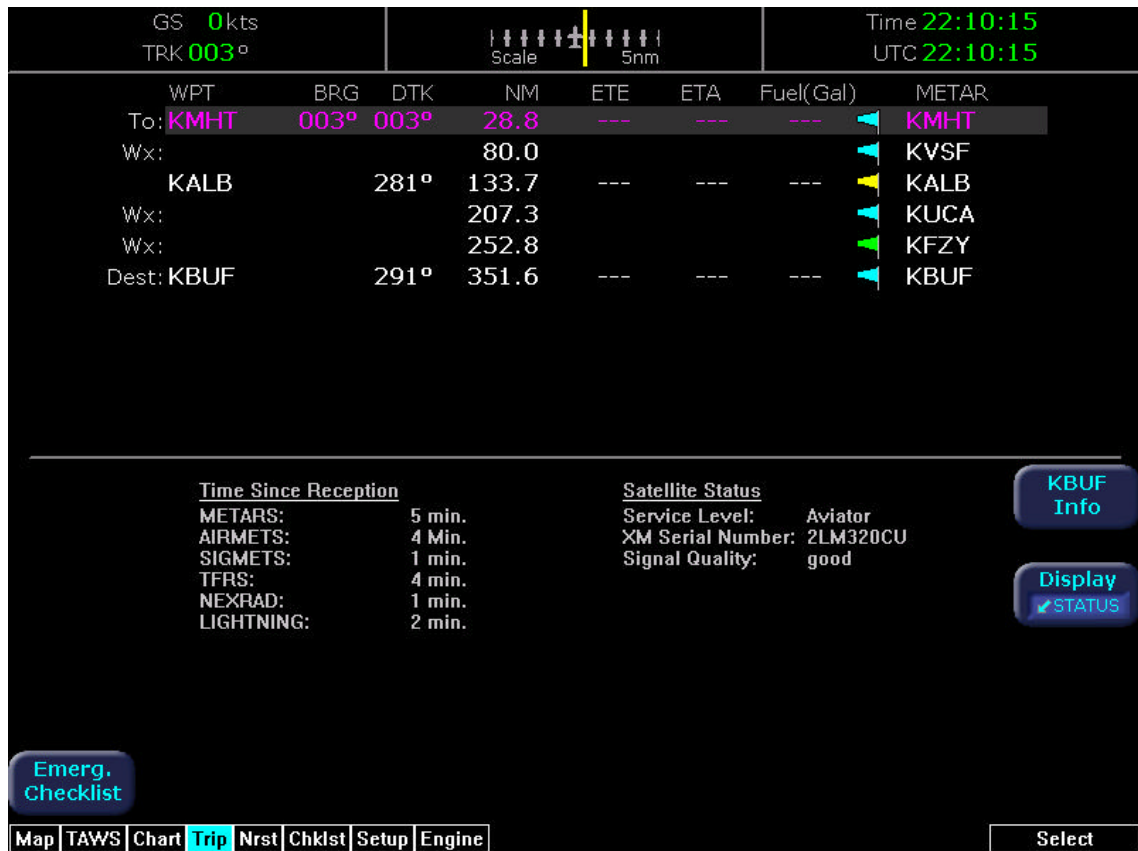


Figure 1 Avidyne MFD Trip Page

To view the **MFD Trip Page** use the Page Control knob located on the lower left corner of the MFD, select the **Trip Page**, then press the **Display** button to view **Status** as illustrated in Figure 2 below.

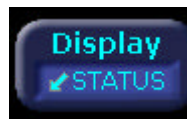


Figure 2 Display Button



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Carefully record the “XM Serial Number” listed under Satellite Status; this information will be used when you contact XM Satellite Radio’s Listener Care Center. Please check your XM Serial Number carefully. There is no "I" (eye), "o" (oh), "S" or "F" used.

XM Serial Number _ _ _ _ _ (8 digits and letters)

Note: If the “XM Serial Number” is not displayed, there is a problem with communications between the MFD and the XMD076-01 receiver. Verify the installation.

2.1.2 Required Information

The following information will be required when transferring the XM WX Satellite Weather Radio account:

- Name
- Address
- Phone Number
- Credit Card Information
- XM WX Weather Service Level (Aviator or Aviator Lite)

2.2 Aircraft Requirements

2.2.1 Aircraft Position

The aircraft must be positioned to receive a satellite signal during transfer. Direct line of site with the satellite is required, which usually cannot be accomplished in a hangar.

The Avidyne MFD provides an XM Satellite Signal Quality indicator on the MFD Trip page. Follow the steps outlined in section 2.1.1 to view the MFD Trip page and ensure that the Signal Quality is “good.”

Note: If the Signal Quality is not “good”, reposition the aircraft so that the antenna has direct view to the southern sky and is not obscured by buildings, trees, etc. If the Signal Quality is still not “good”, please ensure proper connection to the antenna and then call Heads Up Technologies, Inc. as outlined in section 2.5.



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2.2.2 Aircraft Power to the MFD and XM WX Receiver

At this point, you may power down both the XMD076-01 and Avidyne MFD. It takes some time to transfer the account, as outlined in section 2.3, and you may not want to leave the aircraft powered during that time.

For successful account transfer, the units should be powered on. If you do not have the units powered on during this transfer, you must submit a request for a refresh command from XM Satellite Radio the next time the units are powered on. To do this, go to www.xmradio.com/refresh and enter the 8-digit alphanumeric XM serial number that is displayed on your Trip Page.

2.3 XM Satellite Radio's Listener Care Center

After completing Sections 2.1 and 2.2 above, contact XM Satellite Radio's Listener Care Center at 1-800-985-9200 for transfer of the XM account. Have the information you have gathered readily available. You will speak to an XM Satellite Radio representative.

Advise the XM Representative that you need to transfer the account from Heads Up Technologies' pre-activation account to a customer account.

Please realize that your XM Satellite Radio Representative is there for activation purposes only. If you have any questions regarding installation, certifications, hardware/software product issues or other specifics, please contact Heads Up Technologies, Inc. as described in section 2.5.

2.4 Completing Account Transfer

After calling XM Satellite Radio's Listener Care Center, apply power to the XMD076-01 and Avidyne MFD. The Avidyne MFD and the XMD076-01 Receiver must remain powered until the transfer is complete. Transfer of the account is generally accomplished within one hour from successful completion of your call.

WARNING: *The XM WX system **MUST** remain powered and receive a "good" satellite signal. **DO NOT** cycle power to the MFD or XMD076-01 receiver during this time.*

Check to ensure the weather products for the XM Weather package are being received. (The Time Since Reception column on the Avidyne **MFD TRIP PAGE** identifies when the weather products were last received. This column will change the "Not Received" status to a defined time.)



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Table 1 below identifies the weather products for the XM WX packages when incorporated with the Avidyne EX5000/EX500 MFD's.

Table 1 Weather Data Products by Subscription Tier

Weather Product	Aviator Lite	Aviator
METARS:	Ö	Ö
AIRMETS:		Ö
SIGMETS:		Ö
TFRS:	Ö	Ö
NEXRAD:	Ö	Ö
LIGHTNING:		Ö

Units have been pre-activated by Heads Up Technologies at the Aviator service level. The customer will be asked to select their desired service level when calling XM Satellite Radio's Customer Care Center to transfer their account.

2.5 Assistance

Should you encounter any problems, please contact Heads Up Technologies at service@heads-up.com, or at (972) 980-4890 Ext. 142.