

***Avidyne  
Entegra 2 Obstacle Database Compatibility  
Matrix***

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# **Table of Contents**

**1. Introduction ..... 3**

1.1 Purpose..... 3

1.2 Applicable documents..... 3

**2. Compatible systems ..... 4**

## **1. Introduction**

### **1.1 Purpose**

The purpose of this document is to describe the systems to which Avidyne's Type 2 LOA is applicable.

### **1.2 Applicable documents**

<b>Agency</b>	<b>Number</b>	<b>Title</b>
FAA	AC 20-153B	Acceptance of Data Processes and Associated Databases
RTCA	DO-200B	Standards for Processing Aeronautical Data

**2. Compatible systems**

With regards to Avidyne's processing of obstacle data, compatibility has been established with the following systems:

10" Integrated Flight Display (IFD) System with Release 9.4 (and earlier) software consisting of:

Article Part Number		Article Description
700-00083-( ) with		IFD5000i Integrated Flight Display
Software Part Number	Software Description	
530-00221-( )	ACR Software	
530-00208-( )	FPSM Software	
530-00207-( )	MPIO Software	
530-00182-( )	VHF Software	
530-00196-( )	GPS Software	
530-00209-( )	ADAHRS Software	
510-00773-( )	IRU Software	
700-00150-( ) with		ACD215 Control Display Unit
Software Part Number	Software Description	
530-00205-( )	Keyboard Software	
700-00156-( )		ACM100 Aircraft Configuration Module

12" Integrated Flight Display (IFD) System with Release 9.4 (and earlier) software consisting of:

Article Part Number		Article Description
700-00171-( ) with		IFD6000i Integrated Flight Display
Software Part Number	Software Description	
530-00221-( )	ACR Software	
530-00208-( )	FPSM Software	
530-00207-( )	MPIO Software	
530-00182-( )	VHF Software	
530-00196-( )	GPS Software	
530-00209-( )	ADAHRS Software	
510-00773-( )	IRU Software	
700-00150-( ) with		ACD215 Control Display Unit
Software Part Number	Software Description	
530-00205-( )	Keyboard Software	
700-00156-( )		ACM100 Aircraft Configuration Module

540 Integrated Flight Display (IFD) System with Release 10.0 software consisting of:

Article Part Number		Article Description
700-00182-( ) with		IFD540 Integrated Flight Display
Software Part Number	Software Description	
530-00225-( )	ACR Software	
530-00226-( )	FPSM Software	
530-00231-( )	VHF Software	
530-00229-( )	GPS Software	
530-00227-( )	LIO Application Processor	
510-00228-( )	LIO I/O Processor	

540 Integrated Flight Display (IFD) System with Release 10.1 software consisting of:

Article Part Number		Article Description
700-00182-( ) with		IFD540 Integrated Flight Display
Software Part Number	Software Description	
530-00236-( )	ACR Software	
530-00226-( )	FPSM Software	
530-00231-( )	VHF Software	
530-00229-( )	GPS Software	
530-00227-( )	LIO Application Processor	
510-00238-( )	LIO I/O Processor	

440 Integrated Flight Display (IFD) System with Release 10.1 software consisting of:

Article Part Number		Article Description
700-00179-( ) with		IFD440 Integrated Flight Display
Software Part Number	Software Description	
530-00236-( )	ACR Software	
530-00226-( )	FPSM Software	
530-00231-( )	VHF Software	
530-00229-( )	GPS Software	
530-00227-( )	LIO Application Processor	
510-00238-( )	LIO I/O Processor	

5XX Series Integrated Flight Display (IFD) System with Release 10.2.x software consisting of:

Article Part Number		Article Description
700-00182-( ) with		IFD5XX Integrated Flight Display
Software Part Number	Software Description	
530-00240-( )	ACR Software	
530-00226-( )	FPSM Software	
530-00231-( )	VHF Software (when Installed)	
530-00229-( )	GPS Software	
530-00239-( )	LIO Application Processor	
510-00238-( )	LIO I/O Processor	
530-00223-( )	ARS Software (when Installed)	

4XX Series Integrated Flight Display (IFD) System with Release 10.2.x software consisting of:

Article Part Number		Article Description
700-00179-( ) with		IFD4XX Integrated Flight Display
Software Part Number	Software Description	
530-00240-( )	ACR Software	
530-00226-( )	FPSM Software	
530-00231-( )	VHF Software (when Installed)	
530-00229-( )	GPS Software	
530-00239-( )	LIO Application Processor	
510-00238-( )	LIO I/O Processor	

Atlas Series Integrated Flight Display (IFD) System with Release 10.2.x software consisting of:

Article Part Number		Article Description
700-00194-( ) with		Atlas Integrated Flight Display
Software Part Number	Software Description	
530-00240-( )	ACR Software	
530-00226-( )	FPSM Software	
530-00231-( )	VHF Software (when Installed)	
530-00229-( )	GPS Software	
530-00239-( )	LIO Application Processor	
510-00238-( )	LIO I/O Processor	
530-00223-( )	ARS Software (when Installed)	

Helios Series Integrated Flight Display (IFD) System with Release 10.2.x software consisting of:

Article Part Number		Article Description
700-00195-( ) with		Helios Integrated Flight Display
Software Part Number	Software Description	
530-00240-( )	ACR Software	
530-00226-( )	FPSM Software	
530-00231-( )	VHF Software (when Installed)	
530-00229-( )	GPS Software	
530-00239-( )	LIO Application Processor	
510-00238-( )	LIO I/O Processor	
530-00223-( )	ARS Software (when Installed)	



5XX Series Integrated Flight Display (IFD) System with Release 10.3.x software consisting of:

Article Part Number		Article Description
700-00182-( ) with		IFD5XX Integrated Flight Display
Software Part Number	Software Description	
530-00246-( )	ACR Software	
530-00226-( )	FPSM Software	
530-00231-( )	VHF Software (when Installed)	
530-00229-( )	GPS Software	
530-00239-( )	LIO Application Processor	
510-00238-( )	LIO I/O Processor	
530-00223-( )	ARS Software (when Installed)	

4XX Series Integrated Flight Display (IFD) System with Release 10.3.x software consisting of:

Article Part Number		Article Description
700-00179-( ) with		IFD4XX Integrated Flight Display
Software Part Number	Software Description	
530-00246-( )	ACR Software	
530-00226-( )	FPSM Software	
530-00231-( )	VHF Software (when Installed)	
530-00229-( )	GPS Software	
530-00239-( )	LIO Application Processor	
510-00238-( )	LIO I/O Processor	

Atlas Series Integrated Flight Display (IFD) System with Release 10.3.x software consisting of:

Article Part Number		Article Description
700-00194-( ) with		Atlas Integrated Flight Display
Software Part Number	Software Description	
530-00246-( )	ACR Software	
530-00226-( )	FPSM Software	
530-00231-( )	VHF Software (when Installed)	
530-00229-( )	GPS Software	
530-00239-( )	LIO Application Processor	
510-00238-( )	LIO I/O Processor	
530-00223-( )	ARS Software (when Installed)	

Helios Series Integrated Flight Display (IFD) System with Release 10.3.x software consisting of:

Article Part Number		Article Description
700-00195-( ) with		Helios Integrated Flight Display
Software Part Number	Software Description	
530-00246-( )	ACR Software	
530-00226-( )	FPSM Software	
530-00231-( )	VHF Software (when Installed)	
530-00229-( )	GPS Software	
530-00239-( )	LIO Application Processor	
510-00238-( )	LIO I/O Processor	
530-00223-( )	ARS Software (when Installed)	