

Pilots's Operating Handbook
and Aircraft Flight Manual
Supplement
for
FlightData Solutions, LLC
BlueMAX
Bluetooth Engine Data Interface

Aircraft Registration:	
Serial Number:	
GPS Data Connected*:	<input type="checkbox"/> Yes <input type="checkbox"/> No (Installer to complete)

*Note: all Perspective aircraft are GPS data connected

When the BlueMAX engine data interface is installed in the Cirrus SR20, SR22, or SR22T this Supplement is applicable and must be inserted in the Supplements Section (Section 9) of the Cirrus Aircraft SR20, SR22, SR22T Pilot's Operating Handbook. This document must be carried at all times. Information in this document adds to information in the basic Pilot's Operating Handbook.

This AFMS is EASA approved under EASA approval number 10076563.

Section 1 - General

The BlueMAX installation applies to:

- ARNAV/Sagem equipped Cirrus SR20 and SR22 aircraft fitted with the EMM35 engine data monitoring system.
- Avidyne Entegra equipped Cirrus SR20 and SR22 aircraft fitted with an EMAX engine data monitoring system.
- Garmin Perspective equipped Cirrus SR20, SR22, SR22 and SR22T aircraft fitted with the Recoverable Data Module.

The BlueMAX interface module captures serial data from either the EMAX or RDM interfaces and can transmit that data wirelessly via Bluetooth to a Portable Electronic Device (PED) with suitable software.

Section 2 - Limitations

This installation does not in itself authorize the use of a PED in the aircraft cockpit. Pilots should ensure that any PED used with this installation conforms with any applicable regulatory requirements and guidance for the carriage, use of, and mounting of PEDs.

Do not use a PED connected to the BlueMAX interface as a reference for primary engine data instrumentation. The aircraft's installed equipment remain the primary source of engine data.

Use of PEDs during critical flight phases such as takeoff and landing must be avoided.

Section 3 - Emergency Procedures

No change.

Section 4 - Normal Procedures

The BlueMAX installation has no user-accessible controls, and is intended for use with compatible PEDs and related software. Refer to

the documentation provided with the PED and accompanying software for operating instructions.

Section 5 - Performance

No change.

Section 6 - Weight and Balance

The BlueMAX installation adds a negligible amount to the aircraft weight (less than 100grams.) Installation does not require an adjustment to the aircraft weight and balance record.

Section 7 - Systems Description

Avidyne Entegra & ARNAV MFD Equipped Aircraft: The BlueMAX interface adapter is installed inside the instrument panel forward of the MFD and is powered from the 12VDC Outlet breaker (“Convenience power”) which operates from the main (non-essential) bus.

The interface captures data from the EMAX (Avidyne) or EMM35 (ARNAV) system by reading RS-232 data from the EMAX or EMM35 interface module and transmitting it via Bluetooth to a connected PED. In certain installations it also captures GPS data from the #1 GPS navigator and transmits position and flight plan data via Bluetooth to the connected PED.

Garmin Perspective Equipped Aircraft: The BlueMAX interface adapter is installed inside the empennage below the horizontal stabilizer and is powered from the 12VDC Outlet breaker (“FUEL QTY”) which operates from main bus 1.

The interface captures data from the Garmin Perspective system by reading RS-232 data from the GIA 1 (aircraft systems and GPS data) and transmitting it via Bluetooth to a connected PED.

In all installations (Avidyne and Perspective), the transfer of data is strictly one-way - data is received from the aircraft systems by the interface and PED but cannot be transmitted back to aircraft systems.

Section 8 - Handling, Servicing, Maintenance

The BlueMAX installation requires no routine maintenance.