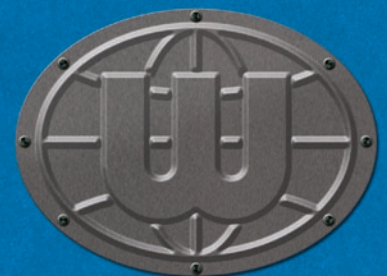




**You can have it all**  
with the new Chelton  
**FliteLine Avionics System**

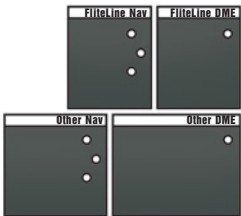


# Whether it's a new installation or an upgrade to an existing aircraft,

## Chelton FliteLine™ control displays and remote mounted equipment combine top performance and value with space-saving efficiency and a unique full-color display. You can have it all with Chelton FliteLine from Wulfsberg.

### FLEXIBLE.

The Chelton FliteLine can be configured with VHF Comm (8.33 or 25 kHz channeling, 118–152 MHz), VOR, ILS Localizer and Glideslope, marker beacon, DME, Mode S ATC Transponder, ADF, discrete control displays, and a Radio Management Unit. The unique, full-color LCD control display units are interchangeable with Bendix, AlliedSignal, and Chelton Series III™ control displays, and support the Collins-Gables 2 out of 5 tuning interface, too. The control displays can also be configured for NVG compatibility.



**More Space**  
Our remote-mounted boxes save space, too. Each component is just 3.25 inches wide.

### SPACE-SAVING.

An optional control display combines the Comm and Nav tuner functions so dual FliteLine Com/Nav controls occupy 50 percent of the traditional panel space required for dual Comm and dual Nav controls. What's more,

FliteLine is fast and easy to install, with no new wiring required for Series III retrofit.

### PLUG-AND-PLAY.

The remote-mounted equipment is smaller and interchangeable with Series III equipment using a special rack adapter for significant retrofit weight and cost

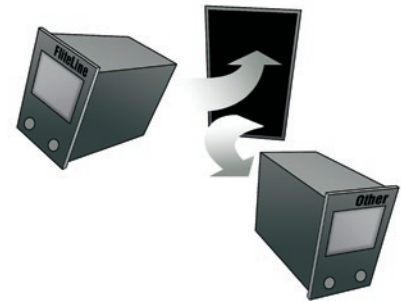
savings. Or, new installations can yield significant space, weight and cost savings. The system includes ARINC 429 digital interfaces for flight management systems and flight instrument systems, conventional analog interfaces compatible with most HSIs, CDIs, RMUs, and conventional marker beacon displays. A CAN bus data link is provided for improved integrity monitoring, diagnostics, configuration management, and reduced wiring for new installations. Rack-mounted, multi-pin interface connectors, combined with front panel RF connectors, provide superior interface reliability.

### EFFECTIVE.

The FliteLine DME simultaneously scans three ground stations, has a 325-watt transmitter, and provides independent DME outputs for two EHSI/EHADI displays with another for the FMS system. The third output can also provide a single Rho-Theta input to the FMS.

### Plug and Play

The FliteLine system is a direct replacement for Bendix, AlliedSignal, and Chelton Series III controls. FliteLine also supports the Collins-Gables 2 out of 5 interface.



In addition to its FliteLine products, Chelton Avionics Group companies provide a synthetic vision primary flight display; multi-function display for moving map terrain, traffic, and weather overlays; satellite antennas; tactical FM radio and systems; autopilots; aircraft antennas; ELTs; audio panels; and radio management units.



## COM/NAV

Combined functions for 50 percent more panel space. Frees panel space for RVSM compliance. One-for-two adapter cable available for easy retrofit.

This unique combined-function control provides tuning capability for both the VHF Comm and the Nav in a split screen with active/standby tuning for both. Dual Comm and dual Nav tuning may be accomplished in the panel space required for conventional discrete control tuning. All the functionality and features of the VHF Comm and VHF Nav Systems are available.

## COMM

20-watt transmitter  
8.33–25 kHz tuning  
118–137 or 118–152 MHz  
Mode 3a data link upgrade

The VHF communication system provides active/standby tuning, SELCAL and ACARS capability, continuous transmit capability with automatic power reduction as required, stuck mic time-out, and automatic test and diagnostics.



## NAV

Digital signal processing (DSP) technology

The VHF navigation system includes digital signal processing to eliminate CDI needle oscillations and improved station crossing.



## ATC Transponder

325-watt transmitter  
ADS-B compatible  
Mode S compliant

The Mode S ATC transponder is wiring-interchangeable with the Honeywell and Collins transponders. The control display unit can control dual remote transponders for improved dispatch reliability.

## ADF

190.0–1860.0 and 2181–2183 kHz tuning  
Digital signal processing (DSP) technology

The ADF system provides advanced digital signal processing for improved left/right course steering, station crossing indication, and needle stability.



**Less space, less weight, less cost –  
and no compromise in capability. You can  
have it all with the Chelton FliteLine from Wulfsberg.**



# With the new Chelton FliteLine family of avionics, you can install a complete six-unit suite in the space of only four units.

That's two Comm, two Nav, ADF and transponder controls in a third less space. In addition to cost savings and the latest, most reliable technology, you'll get our exclusive color displays (NVG compatible, of course.) Plus, the controls and remote boxes are plug-and-play with Series III equipment, providing weight, space and cost savings.



## Wulfsberg Electronics

In addition to the complete line of Chelton Nav/Com products, Wulfsberg Electronics is the leading supplier of Flexcomm™ multi-band, airborne FM/AM radio communications systems.

Flexcomm systems can be configured to support all conventional FM/AM channel frequencies from 29.7 MHz to 960 MHz plus multiple APCO P-25 compliant digital transceivers in the VHF, UHF, 700/800 MHz FM bands.

Wulfsberg Electronics is one of 10 Chelton Avionics, Inc., companies, including ACR Electronics, Artex Aircraft Supplies, Chelton Antennas, Chelton Flight Systems, Chelton Satcom, Comant Industries, Orion Electronics Ltd., Northern Airborne Technology (NAT), and Seimac.

Chelton Avionics, Inc. is a wholly owned business unit of U.K.-based Cobham plc, which has annual sales in excess of £690 million (\$1 billion). Cobham designs and manufactures equipment, specialized systems and components for the aerospace, defense, industrial, and communications markets, and operates, maintains and modifies aircraft, particularly in support of special mission flight operations.

For more information about the FliteLine family of avionics solutions, visit our website at [www.Wulfsberg.com](http://www.Wulfsberg.com).



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Specifications and features are subject to change.

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