

# EVOLUTION

## FLIGHT DISPLAY SYSTEM

## Comparison Guide

# Display Feature Comparison

	Model		
	Evolution E5 Dual EFI	Evolution Pro 1000 MAX PFD	Evolution Pro Plus MAX PFD
<b>Software Option Set</b>			
<b>Suggested Retail Price</b>	\$4,995	\$9,995	\$11,785
<b>ACU Option</b>			
<b>Suggested Retail Price with ACU</b>	\$5,995	STANDARD	STANDARD
<b>ADAHRS</b>			
<b>Integral Air Data Computer and Attitude Heading Reference System</b>	•	•	•
<b>AUTOPILOT</b>			
<b>Interfaces to the new TruTrak Vizion Autopilot</b>	•	•	•
<b>Compatible with most legacy autopilots</b>	•	•	•
<b>PRIMARY DISPLAY FUNCTIONALITY</b>			
<b>PRIMARY ATTITUDE AND AIR DATA DISPLAY (ADI)</b>			
Attitude Display (Pitch and Bank)	•	•	•
Aircraft Reference Symbol	•	•	•
Single-Cue Flight Director Command Bars (external FD)		•	•
Slip/Skid Indicator	•	•	•
Vertical Deviation Indicator (VDI)	•	•	•
Lateral Deviation Indicator (LDI)	•	•	•
<b>Airspeed and Tape Reference</b>			
IAS Tape (Knots, MPH, Mach)	•	•	•
Target Airspeed Field	•	•	•
Airspeed Bug	•	•	•
V-Speeds, Pilot Configurable (show/hide)	•	•	•
IAS Numeric Display	•	•	•
Airspeed Color Bands	•	•	•
<b>Altitude Tape and Alserter</b>			
Altitude Tape Display	•	•	•
Selected Altitude Field (controls alt bug)	•	•	•
Selected Altitude Level-Off and Altitude Deviation Tone Alerts		•	•
Altitude Numeric Display	•	•	•
Altitude Trend Vector		•	•
Altitude Bug	•	•	•
Decision Height Annunciation (ACU or ACU2 required)		•	•
Selected Minimums Field		•	•
Selected Minimums Alerting Tone		•	•
Minimums Marker		•	•
Radio Altitude		ACU2 required	ACU2 required
Automatic Direction Finder (ADF)		ACU2 required	ACU2 required
Heading Synchro		ACU2 required	ACU2 required
Selected Altitude Intercept		•	•
<b>Vertical Speed Indicator (VSI)</b>			
Vertical Speed Numeric Display	•	•	•
Vertical Speed Tape Display	•	•	•
Target VSI Field (When STEC 55X A/P or DFC90 A/P is configured)		•	•
<b>Air Data Bar Preset (factory default)</b>			
True Airspeed (TAS or Mach)		•	•
Baro Setting and Display	•	•	•
Wind Direction Degrees, Wind Speed		•	•
Wind Direction Arrow		•	•
Outside Air Temperature		•	•
GPS Ground Speed	•	•	•

# Display Feature Comparison

	Model		
	Evolution E5 Dual EFI	Evolution Pro 1000 MAX PFD	Evolution Pro Plus MAX PFD
<b>Software Option Set</b>			
<b>DIRECTION INDICATOR</b>	•	•	•
Numerical Direction of Flight	•	•	•
Ownship Symbol	•	•	•
360 Compass Display	•	•	•
ARC Compass Display	•	•	•
Selected Heading Display and Bug	•	•	•
Rate of Turn Indicator	•	•	•
Track Marker	•	•	•
<b>NAVIGATION DISPLAY</b>			
Base Map with flight plan waypoints and legs and Nav aids (When a compatible GPS is configured)		•	•
Selected Course Numerical Value Display	•	•	•
Bearing Pointers (Single and Double Line) with Information Block (Only in 360 Compass Display)		•	•
Auto Course	•	•	•
Course Deviation Indicator (CDI) in ARC Compass Display		•	•
Course Deviation Indicator (CDI) in ARC or 360 degree compass display	•		
Horizontal Situation Indicator (HSI) in ARC or 360 Compass Display		•	•
<b>Course Deviation Indicator (CDI)</b>			
Course Pointer	•	•	•
To/From Indicator	•	•	•
Course Deviation Scale	•	•	•
Course Deviation Indicator	•	•	•
<b>Horizontal Situation Indicator (HSI)</b>			
Course Pointer		•	•
To/From Indicator		•	•
Course Deviation Scale		•	•
Course Deviation Indicator		•	•
<b>SAFETY FEATURES</b>			
<b>Emergency and Backup</b>			
Degraded Attitude (When a compatible GPS is configured)	•	•	•
Backup RSM GPS Position		•	•
Internal Battery Backup Power	•	•	•
<b>Audio Out</b>			
Selected Altitude Level-off and Altitude Deviation Alerts		•	•
Minimums Alert		•	•
Overspeed Alert		•	•
Timer Expired Alerts (When configured with a MFD)		•	•
Synthetic Vision Alert		•	•
<b>OPTIONS</b>			
<b>E5 to Pro Upgrade</b>	•		
<b>EA100</b> Pitch Roll Auto Pilot	•		•
<b>ACU</b>	•	Standard	Standard
<b>ACU2</b>		•	•
<b>EWR50</b>		•	•
<b>Evolution Hazard Awareness Overlays</b>			•
<b>Traffic</b> (Requires ARINC 735A compatible traffic system)		•	•
<b>XM Weather</b> (Requires EWR 50 weather receiver)		•	•
<b>WX-500 Stormscope Lightning Interface</b>		•	•
<b>ADS-B Weather and Traffic</b>		•	•
<b>Synthetic Vision</b>		•	Standard
<b>Angle of Attack</b>		•	Standard



www.aspenavionics.com

091-00049-001 Rev C

Copyright 2018 Aspen Avionics Inc. "Evolution", "Aspen Avionics", and the Aspen Avionics aircraft logo are trademarks of Aspen Avionics Inc. All rights reserved. Patents applied for and pending. XM and XM WX are trademarks of XM Satellite Radio, Inc.; Stormscope is a registered trademark of L-3 Communications Holdings, Inc.