

# SA4550 4-ATI PRIMARY ATTITUDE DISPLAY



The SA4550 Primary Attitude Display is the perfect update for aging electromechanical ADIs, and an ideal complement to the high-definition SN4500 Primary Navigation Display.

Featuring patented LED display technology, generating a resolution of 200 pixels per inch, the SA4550 provides 180° horizontal and vertical viewing angles. You'll find the SA4550 completely transforms your panel. Reliable, affordable and backed by superb product support, the SA4550 is ideal for corporate and air transport aircraft.

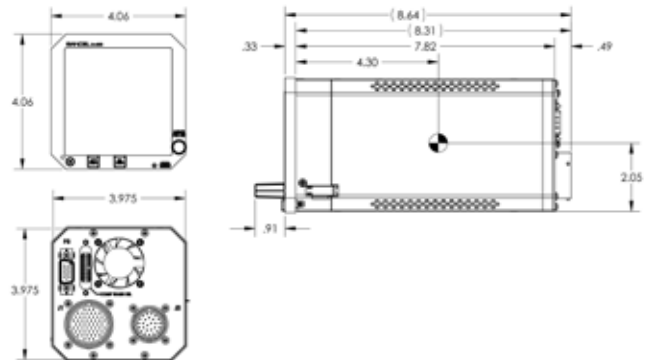
# SA4550 4-ATI PRIMARY ATTITUDE DISPLAY

Drawing from our experience with thousands of compact integrated displays in service, the SA4550 was designed to do what no others can: Replace your electromechanical ADI with a modular electronic unit.

This allows you to update your panel with minimum disruption to your aircraft. And by saving on both acquisition and installation costs, the SA4550 is a cost effective way to enhance both the operational and residual value of your aircraft or fleet.



<b>Weight</b>	<b>SA4550</b>	3.4 lb. (1.54 kg)
<b>Bracket &amp; Connectors</b>		0.5 lb. (0.23 kg)
<b>Dimensions</b>		
<b>Length</b>		7.82 in. (19.86 cm) from back of bezel (Sperry AD-550 retrofit version) 7.51 in. (19.08 cm) from back of bezel (Sperry AD-600 and AD-650 retrofit versions)
<b>Body</b>		3.975 in. x 3.975 in. (10.084 cm x 10.084 cm)
<b>Bezel</b>		4.060 in. x 4.060 in. (10.312 cm x 10.312 cm)
<b>Display</b>		LED Backlit
<b>NVIS Mode</b>		Class B compatible per MIL-STD-3009
<b>Power Requirements</b>		20-33 VDC 28 VDC @ 1.4A (40W) nominal
<b>Cooling Requirements</b>		Internal fan requiring ambient air at fan input
<b>Mounting</b>		Standard 4-ATI panel cutout with clamp with Sperry, Collins and King compatible connector options Bezel adapters available for mounting in 4x5 and 5x5 panel cutouts
<b>Operating Environment</b>		-20 C. to +70 C. +55,000 ft. max. altitude
<b>Certification Basis</b>		TSO-C113, Airborne Multipurpose Electronic Displays TSO-C3d, Turn and Slip Instruments TSO-C4c, Bank and Pitch Instruments TSO-C34e, ILS Glide Slope Receiving Equipment TSO-C36e, Airborne ILS Localizer Receiving Equipment TSO-C52b, Flight Director Equipment EASA ETSO, 2C34F, 2C36F, C113, C3d, C4c, C52b DO-160E, Env. Cat. [A2F1Z]BBB[HR]XXXXXXZAB[ZW][W(D)(W)]M[A3G33]XXAX DO-178B, Software, Attitude Level A, Guidance and Annunciators Level C DO-254, Hardware, Attitude Level A, Guidance and Annunciators Level C
<b>Interfaces</b>		
<i>Attitude</i>		Remote XYZ synchro (ARINC 407) for pitch and roll, ARINC 429
<i>Flight Director</i>		Analog
<i>Glidescope/LOC</i>		Analog
<i>Fast/Slow</i>		Analog
<i>Radar Altimeter</i>		ARINC 552, Sperry and Collins Radar Alt input can be ARINC429 Port-2 when paired with Attitude 429 Port-1.
<i>Annunciators</i>		Discrete



Dimensions and specifications subject to change without notice.