



# Trans-Cal Industries, Inc.

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To Our Valued Customers:

Trans-Cal Industries, Inc. currently holds TSO-C88a approval on Altitude Digitizer Model SSD120-( ) Series and hereby notifies you that as of 09/30/2008 the production of Model SSD120-(XX)A will be discontinued and replaced by Model SSD120-(XX)N. This device is approved under FAA TSO-C88a and EASA ETSO-C88a

All electrical functions of the SSD120-(XX)N encoder remain unchanged and are completely backwards compatible with earlier models of Trans-Cal Altitude Encoders. The altitude encoder has been redesigned to fit into a smaller physical package, providing savings in weight, space and power consumption. Dual static ports on the new SSD120-(XX)N series provide increased flexibility in mounting and plumbing within the aircraft.

To minimize the impact of this change in footprint, Trans-Cal has designed adapter plates which allow mounting of the new SSD120-(XX)N series device into an existing SSD120-(XX)A mounting tray. Additionally, to further simplify the replacement and installation task TCI has developed adapter plates which allow the SSD120-(XX)N to quickly mount into competing altitude encoder quick release mounting trays.

Following is comparison of the SSD120-(XX)A and the SSD120-(XX)N.

Feature	SSD120-(XX)A	SSD120-(XX)N
Power Consumption	600mA @ 28Vdc	270mA @ 28Vdc
Warm-up @ -20°C	120 Sec.	60 Sec.
Dimensions	4.55" x 4.30" x 1.22"	3.42" x 2.31" x 1.36"
Weight	10 oz.	5.9 oz.

Please contact the factory if you have any further questions or concerns.

Best regards,

John Ferrero Jr.  
Trans-Cal Industries, Inc.