

## ***Trans-Cal Industries, Inc.***

### **ADAPTER PLATE (Sandia) Part Number 103035 Installation Instructions**

#### ***Overview***

Trans-Cal Industries Adapter Plate part number 103035 allows the avionics technician to quickly replace existing Sandia altitude encoder installations in favor of Trans-Cal's SSD120-(XX)N(X)-(X). This adapter simplifies the mechanical installation task by providing a mounting plate designed for the SSD120-(XX)N(X)-(X) while utilizing the existing Sandia mounting tray. The adapter plate is manufactured from .062" thick aluminum with a chem-film treatment to inhibit corrosion. The adapter is shipped with stainless steel fastening hardware to secure the digitizer to the plate.

#### ***Please note:***

*The SSD120-(XX)N(X)-(X) and this adapter plate are approved under TSO-C88a and ETSO-C88a. It is the responsibility of the installer of this equipment, within a specified type or class of aircraft, to determine that the aircraft operating conditions are within TSO or ETSO standards.*

#### ***Assembly and Installation Instructions (Refer to TCI Drawing 103081)***

1. Secure the altitude digitizer (item 1) to the adapter plate (item 2) using four flat head screws, lock washers and nuts (items 3, 4 and 5) as shown on drawing 103081.
2. Make all electrical/data and static line connections to the altitude digitizer (item 1) as per the digitizer installation instructions.
3. Place this assembly into the existing Sandia mounting tray (item 7) and snug the Sandia retaining knob (item 6) to secure the unit to the tray.
4. Test and verify the altitude digitizer operation as per the altitude digitizer installation manual.

Trans-Cal Industries Inc.  
16141 Cohasset St.  
Van Nuys, CA 91406  
www.trans-cal.com

