

## A429 TRANSLATOR

### Announcing a Solution for Selected Altitude in Mode S

Spectralux announces a simple solution to the Mode S problem for certain business jets flying into European airspace: The Spectralux A429 Translator provides a gateway interface between two disparate implementations to complete the requirement for all eight Downlink Aircraft Parameters for the Mode S Enhanced Surveillance (EHS) mandate in European Airspace.

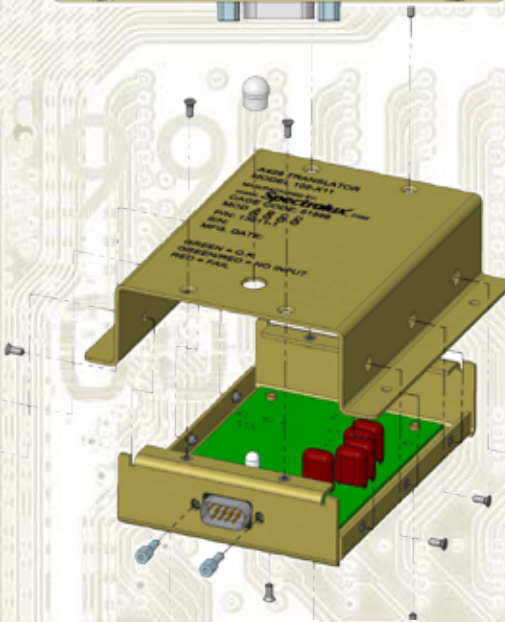
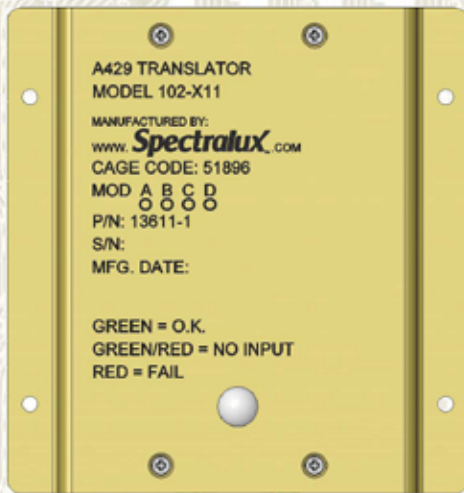
Some selected aircraft will not comply with this requirement due to an issue with Selected Altitude, and are currently on file as being exempt. Many of these exemptions expire on 31 March 2007 when full and complete compliance is required. (Compliance requirements are based on ICAO Manual on Mode S Specific Services, Doc 9688 and EUROCONTROL document SUR.ET2.ST03.2000-ID-04, DAP Technical Characteristics for Mode S Enhanced Surveillance.)

Now available for selected aircraft (see list of Supplemental Type Certificates below), the A429 Translator is small and light. Spectralux will provide full certification. The device easily connects via ARINC 429 cable and corrects the problem, allowing aircraft to comply with the Selected Altitude portion of the Enhanced Surveillance (EHS) specification. To determine if an aircraft is in compliance, use IFR 601 to test all 8 data streams; the test device will report N/A if not fully compliant.

For additional information, contact Spectralux in the United States at 425.285.3000 or email [sales@spectralux.com](mailto:sales@spectralux.com).

Supplemental Type Certificates (STC) available for these aircraft:

- Gulfstream G-IV (ST03310AT)



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