

# ADS-B UPGRADE FOR DORNIER 328

## – EASA APPROVED STC AND COMPLETE INSTALLATION KIT

Our new EASA approved STC (FAA validation in process) is developed to upgrade Dornier 328-300 and 328-100 aircraft with ADS-B Out functionality in order to comply with operational requirements in:  
COMMISSION IMPLEMENTING REGULATION (EU) No 1207/2011 amended by COMMISSION IMPLEMENTING REGULATION (EU) No 1028/2014.  
*This mandates the ELS/EHS and ADS-B OUT for all aircrafts above 5.700 kg or 250 knots from June 2020.*

We have developed and produced an STC and a complete plug 'n play installation kit, containing everything you need for a quick and easy installation, reducing aircraft down-time to a minimum, thus saving significant costs. All units, pins, screws, antenna cables incl. connectors, cable ties etc. are included and are packed individually for easy handling.



All new units are accommodated on a shelf, wired on the bench and installed in the avionics rack RH. The equipment on the shelf are being connected to the aircraft systems through two pigtail connections. Two new break connectors are installed on a bracket, and the break connector bracket are installed on the existing 28VE rack.

Our solution is a supplement to the existing PRIMUS II dual RCZ-833(x) comm/transponders units, with dual Garmin GTX 3000 transponders. The GTX 3000 transmit Mode-S, ELS, EHS and extended squitter data derived from the stand alone GPS sensor (Garmin GPS 3000) and attitude from the existing AHRS and ADC. Further, the new transponders are being interfaced with existing TCAS. Utilizing the existing Radio Management Units (RMU) for the new ATC Transponder (Garmin GTX-3000) control.

