

Submission: 045

## Anonymous

I agree with wide adoption of ADS-B IN/OUT for RAA GA RPT aircraft, the problem I see is with EC devices like SKY-Echo is its very low radiated power comparing to full GA RPT standard Mode S ADS-B OUT (1/10 to 1/100) may limit its visibility and reception range and likely invisible to Airservices ADS-B ground receiver network for traffic reporting and separation, Possible additional issue TCAS equipped aircraft may not action EC devices like Sky-Echo not use 1030/1090 TCAS handshaking, how effective will EC devices like Sky Echo actually be for all Aviation users, I agree its very handy and useful for my EFB device traffic display of ADSB OUT/Mode S, I have done a actual test using ADS-B feeder servers (adsb-exchange adsb-fi) logging on hex code Sky-Echo device was not detected in many cases, the question im asking is will a low power EC device like Sky-Echo really be effective ??