



Services Guide

Citation 560 XL, XLS, Ultra, & Encore (Honeywell Primus II with Universal Avionics WAAS FMS)



ADS-B

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Upgrade existing communications system RCZ and RMU while utilizing an existing (or new install) Universal WAAS FMS to support an *integrated* operational capability for ADS-B Out (DO-260B) certified in accordance with Duncan Aviation STC ST01810WI.

Pre-requisite: WAAS FMS (can be existing or new install/updated).

System Modification/Components:

- 2ea. Universal WAAS FMS Upgrade (pre-req UNS-xxxx)
- 2ea. Honeywell RCZ-xxx (p/n: 7510700-xxx to 7510733-6xx) Upgrade
- 2ea. Honeywell RMU-855 (p/n: 7013270-xxx)



Overview

ADS-B is a precise satellite-based surveillance system. Equipped aircraft utilize the GPS/WAAS technology to broadcast the aircraft's position, airspeed, altitude, and other data to ground stations which relays the information to ATC and other equipped aircraft.

ADS-B = Automatic Dependent Surveillance-Broadcast

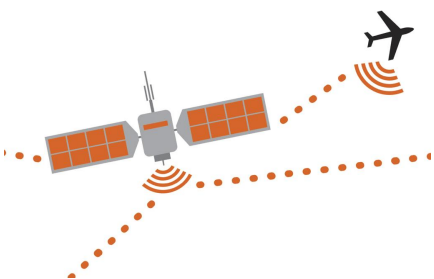
Download **ADS-B Out - Straight Talk** at
www.duncanaviation.aero/nextgen

NEXTGEN

Mandate

The U.S. official mandate for ADS-B Out is **January 1, 2020** however Duncan Aviation highly recommends initiating your solution as soon as possible, due to parts, equipment, and shop demand. As the deadline draws nearer pricing escalations are inevitable.

***Please contact one of the following Duncan Aviation Avionics Installation Sales Rep's listed at the bottom of this Guide for pricing and downtime.**



Benefits

- ADS-B Out equipped aircraft given priority to non-equipped.
- Alleviates requirement for position reports.
- More flexibility for continuous routing.
- Provides pertinent data to ATC to allow them to keep your aircraft properly spaced in high density traffic areas.
- Allows surveillance in remote locations such as mountainous areas.
- Increases situational awareness and enhances aviation safety.

This Service Guide was developed for your planning and budgeting purposes. Please contact your technical sales rep to receive an aircraft specific proposal and schedule.

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