

# ST01326CH

## FAA Supplemental Type Certificate



Installation of Automatic Dependent Surveillance – Broadcast (ADS-B)  
Antennas on Boeing 747-100/-200B & 747SR Series Aircraft  
(FAA STC ST01326CH)

### OVERVIEW

» FAA STC ST01326CH.

### INTRODUCTION

Installation of Automatic Dependent Surveillance – Broadcast (ADS-B) Antennas in accordance with Electronic Cable Specialists (ECS) Master Data List ECS-990445.

### YOUR NEEDS

In the event that your aircraft does not comply with FAA mandated ADS-B Out capabilities, STC ST01326CH supports installation of ADS-B provisions on Boeing 747 series aircraft. Refer to FAA Advisory Circular 20-165A for details on the Airworthiness Approval of ADS-B Out systems.

### YOUR BENEFITS

After modification per STC ST01326CH, your aircraft will be appropriately configured to comply with FAA mandated ADS-B Out system requirements. Installation of the provisions also establishes ADS-B In capabilities, which will provide in-flight location awareness information to the flight deck.

### STC AIRCRAFT EFFECTIVITY

» Boeing 747-100/-200B and 747SR Series Aircraft.

### STC LIMITATIONS

» STC only approves the installation of ADS-B provisions, not ADS-B system operation.

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derivative configurations, and installation lead time  
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### STC CONFIGURATIONS

- » Configuration 1: ADS-B antenna provisions to include 1090 & GPS antenna provisions only; Boeing 747-100 and 747SR series aircraft.
- » Configuration 2: ADS-B antenna provisions to include UAT & VDL-M4 antenna provisions only; Boeing 747-100 and 747SR series aircraft.
- » Configuration 3: ADS-B antenna provisions to include 1090 & GPS antenna provisions only; Boeing 747-200B series aircraft.
- » Configuration 4: ADS-B antenna provisions to include UAT & VDL-M4 antenna provisions only; Boeing 747-200B series aircraft.

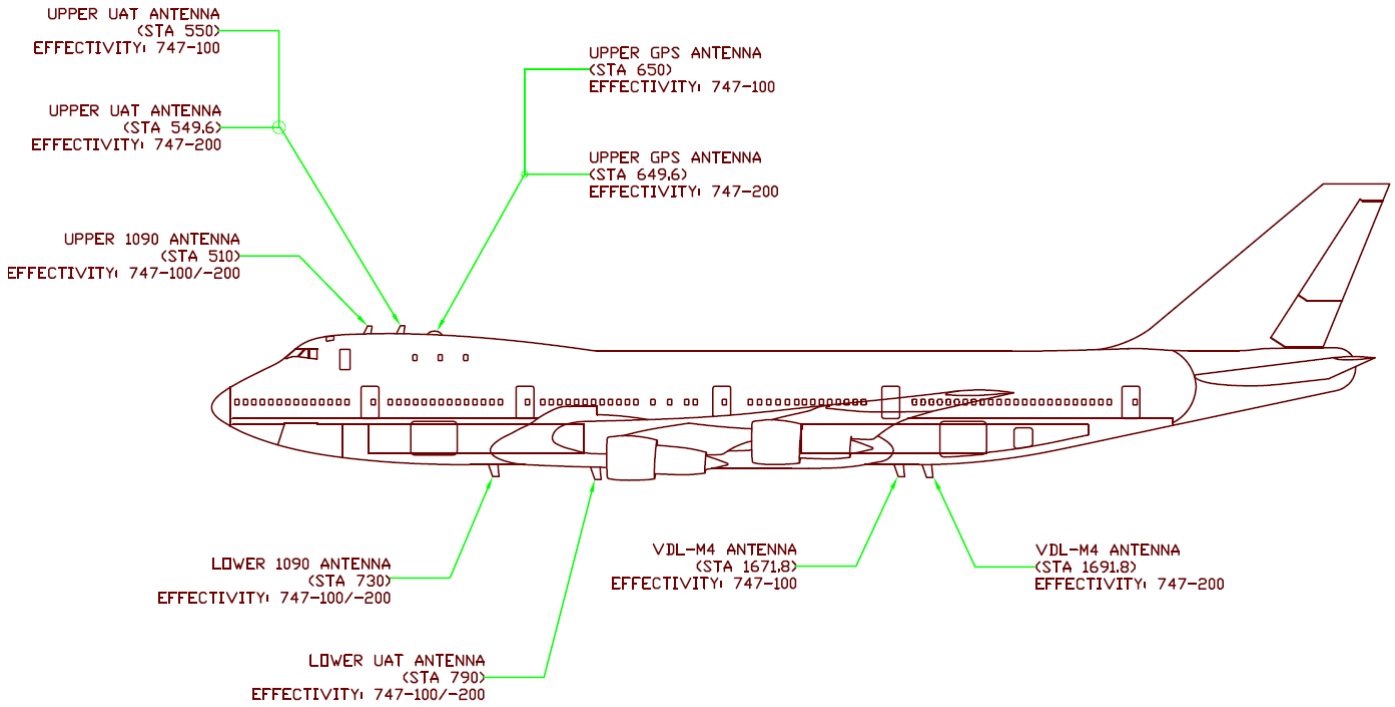
### PRODUCT DESCRIPTION

This installation consists of installing the following ADS-B antennas on Boeing 747 aircraft. Refer to the figure below for antenna locations:

- » Upper UAT Antenna
- » Lower UAT Antenna
- » Upper GPS Antenna
- » Upper 1090 Antenna
- » Lower 1090 Antenna
- » Lower VDL-M4 Antenna

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