



SERVICE LETTER

NUMBER CSL 2016-1
DATE 2/24/16

TO: Century Flight Systems Dealers

SUBJECT: Century 41 Pitch and Trim Servo Directions

The following information is provided as an aid in trouble shooting a Century 41 autopilot system when the Torque Sensing Pitch Servo 1C812 – () or 1C822 – () is replaced by a newer Century Servo 1C784 – () or 1C785 – () and a corresponding Servo Adapter unit 1C950-().

1. If the Pitch Servo is running backwards swap pins 3 & 6 at CD 204 connector of the servo.
2. If autotrim is running backwards and you are getting a “FAIL AUTOTRIM” on the annunciator, swap pins 7 & 2 at CD 184 at the Flight Computer and then swap pins 3 & 6 of CD 204 on the Pitch Servo.
3. If autotrim is running backwards and you are **not** getting a “FAIL AUTOTRIM” on the annunciator, swap pins 3 & 6 at the Trim Servo connector. This will cause manual electric trim to run backwards so swap pins 37 & 39 on CD 184 at the Flight Computer.
4. If the Pitch Servo is running the correct direction but you get a “FAIL AUTOTRIM” on the annunciator, swap pins 3 & 6 on CD 183 that connects to the 1C950-() Servo Adapter. When this is done, it will cause pitch to run backwards so swap pins 3 & 6 at the CD 204 connector on the Pitch Servo.

Signature on file

Lottie J. Eubanks

President