

AUTOPILOT TEST

DATE: _____ (1) _____

W/O: _____ (2) _____

(3)

Equipment	Manufacturer	Model	Serial No.
Computer			
Computer			
Air Data			
Attitude Gyro			
Mode Selector			
Servo			
Servo			
Servo			
Servo			

(4)

Attitude Gyro Operation _____
Current Drain _____ @ _____ Volts

Heading Gyro Operation _____
Power Supply Voltage Check _____

Low Voltage Operation _____ Volts

Left Turn Bank Angle _____ Degrees

Roll Trim _____

Right Turn Bank Angle _____ Degrees

Heading DC
L _____ R _____

Heading AC
L _____ R _____

VOR INTERCEPT
DC CRSE L _____ R _____

LOC INTERCEPT
DC CRSE L _____ R _____

AC CRSE L _____ R _____

AC CRSE L _____ R _____

Pitch Up Angle _____ Degree

Pitch Down Angle _____ Degree

Alt. Hold Signal

Versus Pitch _____ Angle

GS Inhibit (BC) _____
BC Operation _____
Autopilot Engage _____

Speed and Scheduling _____
Nav 1 / Nav 2 Select _____
Remote Disconnect _____

Pitch Sync _____
Auto _____
Disconnect _____
Self Test _____

(5)

FLIGHT DIRECTOR OPERATION

Pitch Up _____
Yaw Damp Signal Input _____

Pitch Down _____
Versus Output _____

Roll Left _____
Engage _____

Roll Right _____
Remote Disconnect _____

	Start Voltage	Speed	Torque	Clutch Torque
Roll Servo				
Pitch Servo				
Yaw Servo				
Pitch Trim				
Yaw Trim				

This unit meets or exceeds manufacturer's specifications.

Tested By: _____ (6) _____
Inspected By: _____ (7) _____

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DATED 01/2004

INSTRUCTIONS FOR FORM USE; AUTOPILOT TEST

1. Enter the date of the work
2. Enter the Work Order number on which the work is being performed
3. Enter the Autopilot equipment specifics; Manufacturer, Model, and Serial Number
4. Equipment Operational characteristics;
 - a. Attitude Gyro; enter all performance parameters as tested
 - b. Heading Gyro; enter all performance parameters as tested
 - c. Left Turn and Bank; enter all performance parameters as tested
 - d. Right Turn and Bank; enter all performance parameters as tested
 - e. Heading DC; enter all performance parameters as tested
 - f. Heading AC; enter all performance parameters as tested
 - g. VOR intercept; enter an X for L and R to denote functional check accomplished
 - h. LOC intercept; enter an X for L and R to denote functional check accomplished
 - i. Pitch Up Angle; enter degrees as tested
 - j. Pitch Down Angle; enter degrees as tested
 - k. Altitude Hold Signal; enter values as tested
 - l. Versus Pitch Angle; enter values as tested
 - m. GS Inhibit (BC); enter an X to denote functional check accomplished
 - n. Speed and Scheduling; enter an X to denote functional check accomplished
 - o. Pitch Sync; enter an X to denote functional check accomplished
 - p. BC Operation; enter an X to denote functional check accomplished
 - q. Nav 1 / Nav 2 Select; enter an X to denote functional check accomplished
 - r. Auto Disconnect; enter an X to denote functional check accomplished
 - s. Autopilot Engage; enter an X to denote functional check accomplished
 - t. Remote Disconnect; enter an X to denote functional check accomplished
 - u. Self Test; enter an X to denote functional check accomplished
 - v.
5. Flight Director Operational characteristics
 - a. Pitch Up; enter an X to denote functional check accomplished
 - b. Pitch Down; enter an X to denote functional check accomplished
 - c. Roll Left; enter an X to denote functional check accomplished
 - d. Roll Right; enter an X to denote functional check accomplished
 - e. Yaw Damp Signal Input; enter an X to denote functional check accomplished
 - f. Versus Output; enter an X to denote functional check accomplished
 - g. Engage; enter an X to denote functional check accomplished
 - h. Remote Disconnect; enter an X to denote functional check accomplished
 - i. Enter values as tested for Start Voltage, Speed, Torque, and Clutch Torque for;
 - i. Roll Servo
 - ii. Pitch Servo
 - iii. Yaw Servo
 - iv. Pitch Trim
 - v. Yaw Trim
6. Enter the name of the person performing the tests and functional checks
7. Enter the name of the person performing inspections of the work performed

NOTE: Not all fields always require text entry. Contact your supervisor if there are questions. In cases where data is not required, DO NOT leave blank; enter N/A.