

TEST: A							
CHECKOUT - PRELIMINARY							
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
A1	Perform the following: A. For the TH-57 IFR 1. On lower circuit breaker panel, pull FCS and Force Trim circuit breakers OUT. 2. On upper circuit breaker panel, perform the following: (a) Pull Yaw FCS, Force Trim, and Avionics Inv circuit breakers OUT (b) Set Avionics Master Switch to OFF B. For 206 VFR Aircraft 1. Pull all FCS and Force Trim circuit breakers OUT	-	-	-	---	---	---
A2	Connect a hydraulic mule to the aircraft hydraulic system. <div style="border: 1px solid black; padding: 5px; text-align: center; width: fit-content; margin: 10px auto;"> WARNING </div> <p>DO NOT CONNECT OR DISCONNECT COMPONENTS WHILE SYSTEM IS POWERED. SHOCK HAZARD AND EQUIPMENT DAMAGE MAY RESULT.</p>	-	-	-	---	Operation in accordance with Bell Service Manual	---
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: A (CONT'D)		CHECKOUT - PRELIMINARY																					
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT																
	<p>NOTE: If copilot stick is not installed, install a dummy plug.</p>																						
A3	Connect the test cable to between connector J2 of test set T-262-002 and connector J7 located on copilots side of radio console.	-	-	-	---	operation in accordance with Bell Service Manual	---																
A4	Set all switches on the test set in the OFF, Normal, or Neutral position as applicable.																						
A5	Set METER INPUT SELECT switch to EXTERNAL VOLTMETER.																						
	<p>NOTE: Ensure proper circuit breakers have been pulled before connecting external ground electrical power unit.</p>																						
A6	<p>Perform the following steps:</p> <p>A. Connect external electrical power unit to the helicopter and turn ON.</p> <p>B. For TH57C IFR</p> <ol style="list-style-type: none"> 1. On upper circuit breaker panel, push ESS 1/BUS SUPPLY circuit breaker IN. 2. On lower circuit breaker panel, push ESS 1/BUS FEEDER/BAT circuit breaker IN. <p>NOTE: Power is now applied to the Essential 1/BUS</p>																						
<p>TEST SET T-262-002</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"><u>SYSTEM</u></td> <td style="text-align: center;"><u>AIRCRAFT</u></td> <td style="text-align: center;"><u>AXIS</u></td> <td style="text-align: center;"><u>VFR</u></td> <td style="text-align: center;"><u>IFR</u></td> <td colspan="3"></td> </tr> <tr> <td style="text-align: center;">FCS 200</td> <td style="text-align: center;">TH57B/C</td> <td style="text-align: center;">2</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td colspan="3"></td> </tr> </table>								<u>SYSTEM</u>	<u>AIRCRAFT</u>	<u>AXIS</u>	<u>VFR</u>	<u>IFR</u>				FCS 200	TH57B/C	2	X	X			
<u>SYSTEM</u>	<u>AIRCRAFT</u>	<u>AXIS</u>	<u>VFR</u>	<u>IFR</u>																			
FCS 200	TH57B/C	2	X	X																			

TEST: A (CONT'D)		CHECKOUT - PRELIMINARY					
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
	<p>3. On upper circuit breaker panel, push ESS 2 BUS SUPPLY/BAT circuit breaker IN</p> <p>C. FOR TH-57B (VFR)</p> <p>1. Ensure the bus(es) supplying +28V to all FCS and FT circuit breakers are powered.</p>						
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>TEST SET T-262-002</u> <u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 1							
CHECKOUT - POWER - UP							
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
1.0	For TH-57 IFR						
	A. On lower circuit breaker panel, engage FCS Circuit Breaker	-	-	ON	28V DC lamp ON, 115VAC 400 HZ	TEST SET	Inverter or Junction Box
					ALT light flashes amber for 8-12 sec.	Controller	Controller
	B. On lower circuit breaker panel, engage Force Trim Circuit Breaker	-	-	ON			Possible wiring short
	C. On upper circuit breaker panel, engage Force Trim circuit breaker						
1.1	For TH-57B (VFR)						
	A. Engage all FCS and Force Trim circuit breakers	-	-	ON	28V DC lamp ON, 115VAC 400 HZ lamp ON	TEST SET	Inverter or Junction Box
1.2	Set LAMP TEST switch to ON (up)	-	-	All ON	FCS ENGAGED, HEADING	TEST SET	Lamps
1.3	Position METER INPUT SELECT switch to 115 VAC		+11.5V (±.5V)	ON			Inverter
1.4	Position METER INPUT SELECT switch to 28V DC		+14.0V (±.5V)	ON			Battery or APU
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 2							
CHECKOUT - CONTROLLER							
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
2.0	Push controller TEST switch once.	ON	-	ON	STAB light ON (Green) FT light (Green), ALT lights ON (Amber & Green), TEST 1 light ON (Amber), FCS caution light ON & remains ON until specified OFF.	Controller FCS caution light located on BELL master caution light panel.	Controller
					ROLL and PITCH PWR AMP Lamps ON	TEST SET	
2.1	Push controller TEST switch once.	OFF		ON	TEST 2 light ON (Amber), STAB light OFF (Black), ALT light OFF (Black) FT light OFF (Black)	Controller	Controller
2.2	Push Controller STAB switch	ON		ON	STAB light ON (Green)	Controller	Controller
					FCS ENGAGED lamp ON	TEST SET	
2.3	Push controller FT switch	ON		OFF	FT light ON (Green)	Controller	Controller
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 2 (CONT'D)

CHECKOUT - CONTROLLER

TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
2.4	Push controller ALT switch.	ON	-	ON/ OFF	PITCH ICO ON momentarily then, OFF	TEST SET	Controller
					FCS caution light OFF momentarily then ON.	Controller	Controller
					ALT switch (Green) momentarily, then flashes (Amber) for 8-12 seconds, then OFF (Black)	Controller	Controller
2.5	Push controller TEST switch	ON	-	-	FCS caution light OFF	Caution panel	
					ROLL & PITCH PWR AMP lamps OFF	TEST SET	
					TEST light OFF	Controller	
2.6	Push FCS button on Pilot's stick	OFF		OFF	FCS caution light momentarily ON. Then OFF	Caution Panel	Controller
					STAB light OFF (Black)	Controller	
					FCS ENGAGED lamp OFF	TEST SET	
2.7	Push FCS button on Pilot's stick	ON		OFF	STAB light on (Green)	Controller	Controller
					FCS ENGAGED lamp ON	TEST SET	Controller
2.8	Repeat steps 2.6 & 2.7 for Copilot's stick	OFF/ ON		OFF	Same as steps 2.6 & 2.7		Controller
2.9	Push controller STAB switch	OFF		OFF	STAB light OFF (black)	Controller	Controller
					FCS ENGAGED lamp OFF	TEST SET	

TEST SET T-262-002

SYSTEM
FCS 200

AIRCRAFT
TH57B/C

AXIS
2

VFR
X

IFR
X

TEST: 3 CHECKOUT - FORCE TRIM SYSTEM							
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
3.0	Push controller FT switch.	OFF	-	ON	FT light OFF	Controller	Junction Box Controller
					Cyclic stick moves freely, ROLL & PITCH ICO lamps ON	TEST SET	
3.1	Push controller FT switch	OFF	-	OFF	FT light ON (Green)	Controller	Junction Box
					All ICO lamps OFF Cyclic stick will move with resistance when released, will return to original start point.	TEST SET	
3.2	For TH-57 IFR						
	A. On lower circuit breaker panel, pull Force Trim circuit breaker OUT.	OFF	-	OFF			
	B. Move Cyclic Stick	OFF		ON / OFF	Cyclic stick will move with resistance and return to original start point when released. ROLL & Pitch ICO lamps ON then OFF respectively when cyclic stick is moved in ROLL or PITCH axis.		
	C. On upper circuit panel, pull Force	OFF		ON	ROLL & PITCH ICO	TEST SET	Junction Box
	D. Move cyclic stick	OFF		ON	Cyclic stick moves freely		
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 3 (CONT'D)		CHECKOUT - FORCE TRIM SYSTEM					
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
3.3	E. On upper circuit breaker panel, engage Force Trim circuit Breaker.	OFF	-	OFF	All ICO lamps OFF	TEST SET	
	F. On lower circuit breaker panel, engage Force Trim circuit breaker.	OFF		OFF			
	G Repeat step D.	OFF		OFF	Cyclic stick moves freely		
3.4	For TH-57B (VFR)					TEST SET	Junction Box
	A. Pull Force Trim circuit breaker	OFF	-	ON	FT light is still ON (Green) ROLL & PITCH ICO lamps ON		
	B. Move cyclic stick				Cyclic stick will move freely		
3.5	C. Engage Force Trim circuit breaker	OFF			ROLL & PITCH ICO lamps ON	TEST SET	Roll TDU or Pitch TDU
	Push Force Trim button on Pilot's stick and move stick	OFF	-	ON	ROLL & PITCH ICO lamps ON. Cyclic stick moves freely.		
3.5	Release the Force Trim button while moving cyclic stick	OFF	-	ON / OFF	Cyclic stick moves with resistance. ROLL & PITCH ICO lamps ON respectively when cyclic stick moved in ROLL or PITCH axis	TEST SET	Roll TDU or Pitch TDU
3.6	Release Cyclic Stick	OFF	-	OFF	Cyclic stick returns to anchor point		Roll TDU or Pitch TDU
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 3 (CONT'D)		CHECKOUT - FORCE TRIM SYSTEM					
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
	NOTE Perform step 3.7 if copilot stick is installed						
3.7	Repeat steps 3.4 through 3.6 using Co-pilot's stick	OFF	-	OFF	Same results as 3.4 through 3.6	---	
3.8	Push controller STAB switch	ON	-	OFF	STAB light ON (Green) FCS ENGAGED lamp ON	Controller TEST SET	Controller
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 4 CHECKOUT - LOGIC							
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
4.0	Push controller FT switch	ON	-	ON	FT light OFF	Controller	Pitch Computer
					PITCH & ROLL ICO lamps ON	TEST SET	Roll Computer
4.1	Push controller FT switch	ON	-	OFF	FT light ON (Green)	Controller	Pitch Computer
					PITCH & ROLL ICO	TEST SET	Roll Computer
4.2	Move Cyclic Stick right	ON	-	ON	ROLL ICO lamp ON	TEST SET	Roll TDU or Roll Computer
4.3	Release Cyclic stick	ON	-	OFF	ROLL ICO lamp OFF	TEST SET	Roll TDU or Roll Computer
4.4	Position METER INPUT SELECT switch to RATE	ON	-	OFF	---	---	---
4.5	Set AXIS SELECT switch to ROLL	ON	-	OFF	---	---	---
4.6	Set POLARITY switch to +	ON	-	OFF	---	---	---
4.7	Set and hold TEST INJECT switch UP	ON	+3.5V (±.5V)	OFF	ROLL & PITCH PWR AMP lamp ON	TEST SET	Roll Computer
4.8	Move Cyclic Stick left	ON	+3.5V (±.5V)	ON	ROLL ICO lamp ON	TEST SET	Roll TDU or Roll Computer
4.9	Release Cyclic Stick	ON	+3.5V (±.5V)	ON	ROLL ICO lamp ON	TEST SET	Roll Computer or Roll TDU
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 4 (CONT'D)		CHECKOUT - LOGIC					
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
4.10	Release TEST INJECT switch	ON	0V	OFF	ROLL ICO lamp OFF ROLL & PITCH PWR AMP lamp OFF	TEST SET	
4.11	Move Cyclic Stick forward	ON	-	ON	PITCH ICO lamp ON	TEST SET	Pitch TDU or Computer
4.12	Release Cyclic Stick	ON	-	OFF	PITCH ICO lamp OFF	TEST SET	Pitch TDU or Pitch Computer
4.13	Set AXIS SELECT switch to PITCH	ON	-	OFF	---	---	---
4.14	Set and hold TEST INJECT switch UP	ON	+3.5V (±.5V)	OFF	ROLL & PITCH PWR AMP lamps ON		Pitch Computer
4.15	Move Cyclic Stick aft	ON	+3.5V (±.5V)	ON	PITCH ICO lamp ON	TEST SET	Pitch Computer or Pitch TDU
4.16	Release Cyclic Stick	ON	+3.5V (±.5V)	ON	PITCH ICO lamp ON	TEST SET	Pitch Computer or Pitch TDU
4.17	Release TEST INJECT switch	ON	0V	OFF	PITCH ICO lamp OFF ROLL & PITCH PWR AMP lamps OFF	TEST SET TEST SET	Pitch Computer
4.18	Push controller STAB switch	OFF	-	OFF	FCS caution light ON momentarily STAB light OFF (Black) FCS ENGAGED lamp	Caution Panel Controller TEST SET	
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 5							
CHECKOUT - ACTUATOR SYSTEM							
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
5.0	Set METER INPUT SELECT switch to ACTUATOR POS	OFF	< ($\pm 5V$)	OFF	---	---	---
WARNING: DO NOT LEAVE SWITCH IN EXTEND OR RETRACT POSITION FOR MORE THAN ONE SECOND AFTER ACTUATOR REACHES LIMIT OF TRAVEL. THE ACTUATOR CAN BE DAMAGED IF THE SWITCH IS NOT PROMPTLY RETURNED TO THE NEUTRAL POSITION. USE OF ANOTHER PERSON MAY BE NECESSARY TO MONITOR ACTUATOR TRAVEL.							
5.1	Set RIGHT switch to EXTEND	OFF	+7V ($\pm 5V$)	OFF	Right Actuator extends. PITCH PWR AMP light ON.	Visually check that Right actuator extends	Pitch Computer and/or Right Actuator
5.2	Set RIGHT switch to RETRACT	OFF	-7V ($\pm 5V$)	OFF	Right Actuator retracts. PITCH PWR AMP lamp ON	TEST SET	Pitch Computer And/or Right Actuator
5.3	Set RIGHT switch to NEUTRAL	OFF	< $\pm 5V$	OFF	Right Actuator centers. PITCH PWR AMP lamp OFF	TEST SET	Pitch Computer and/or Right Actuator
5.4	Set AXIS SELECT switch to ROLL	OFF	< $\pm 5V$	OFF	---	---	---
5.5	Set LEFT switch to EXTEND	OFF	+7V ($\pm 5V$)	OFF OFF	Left Actuator extends. ROLL PWR AMP lamp On	Visually check that Left Actuator extends	Roll Computer And/or Left Actuator
5.6	Set LEFT switch to RETRACT	OFF	-7V ($\pm 5V$)	OFF	Left Actuator retracts. ROLL PWR AMP lamp ON	TEST SET	Roll Computer and/or Left Actuator
5.7	Set LEFT switch to NEUTRAL	OFF	< ($\pm 5V$)	OFF	Left Actuator centers, ROLL PWR AMP lamp OFF	TEST SET	Roll Computer And/or Left Actuator
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 6							
CHECKOUT - ACTUATOR POSITION INDICATOR							
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
WARNING: DO NOT LEAVE SWITCH IN EXTEND OR RETRACT POSITION FOR MORE THAN ONE SECOND AFTER ACTUATOR REACHES LIMIT OF TRAVEL. THE ACTUATOR CAN BE DAMAGED IF THE SWITCH IS NOT PROMPTLY RETURNED TO THE NEUTRAL POSITION. USE OF ANOTHER PERSON MAY BE NECESSARY TO MONITOR ACTUATOR TRAVEL							
6.0	Set LEFT and RIGHT switches to EXTEND	OFF	-	OFF	Pitch Actuator Position Indicator needle full deflection down	Simulates nose up command, PWR AMP lights ON	Actuator Position Indicator
6.1	Set LEFT and RIGHT switches to RETRACT	OFF	-	OFF	Pitch Actuator Position Indicator needle full deflection up	Simulated nose down command, PWR AMP lights ON	Actuator Position Indicator
6.2	Set LEFT switch to RETRACT and RIGHT switch to EXTEND	OFF	-	OFF	Roll Actuator Position Indicator needle full deflection to the right	Simulated left command, PWR AMP lights ON	Actuator Position Indicator
6.3	Set LEFT switch to EXTEND and RIGHT switch to RETRACT	OFF	-	OFF	Roll Actuator Position Indicator needle full deflection to the left	Simulates right command PWR AMP lights ON	Actuator Position Indicator
6.4	Set LEFT and RIGHT switches to NEUTRAL	OFF	-	OFF	Both Roll and Pitch Actuator Position Indicator should have needles centered	Actuator centered	Actuator Position Indicator
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 7 CHECKOUT - ROLL CHANNEL							
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
7.0	Push Controller STAB switch	ON	0V	OFF	FCS ENGAGED lamp ON	TEST SET	Controller
					STAB light ON (Green)	Controller	Controller
7.1	Set METER INPUT SELECT switch to RATE	ON	< ($\pm 5V$)	OFF	---		Roll Computer
7.2	Set POLARITY switch in the + position. Set and hold TEST INJECT switch UP, read the Meter and release switch.	ON	+3.5V ($\pm 6V$)	OFF	---	---	Roll Computer
	Repeat same test with the POLARITY switch in the - position.	ON	-3.5V ($\pm 6V$)	OFF	---	---	Roll Computer
	DRIFT TEST (steps 7.3 through 7.8)						
	NOTE: Prepare to note time in next step						
7.3	Set METER INPUT SELECT switch to INTERGRATED RATE. Set TDS MANEUVER switch to ON (up). Until Meter centers, then OFF. Wait three minutes before proceeding to next step.	ON	< $\pm 5V$	ON/ OFF	ROLL & PITCH ICO lamps ON, then OFF when TDS MANEUVER switch is set OFF (down)	TEST SET	
7.4	After a three minute wait, read Meter	ON	< $\pm 3V$	OFF	Voltage is less than $\pm 3V$		Roll Computer
TEST SET T-262-002							
	<u>SYSTEM</u> FCS 200	<u>AIRCRAFT</u> TH57B/C	<u>AXIS</u> 2	<u>VFR</u> X	<u>IFR</u> X		

TEST: 7 (CONT'D)		CHECKOUT - ROLL CHANNEL					
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
7.5	Set POLARITY switch to +. Set and Hold TEST INJECT switch UP	ON	>+12V	OFF	---	---	Roll Computer
7.6	Set TDS MANEUVER switch to ON (Up)	ON	< ±.5V	ON	ROLL & PITCH ICO lamps ON	TEST SET	Roll Computer
7.7	Release TEST INJECT switch and set MANEUVER switch OFF (down)	ON	< ±.5V	ON	ROLL & PITCH ICO lamps ON, then OFF when TDS MANEUVER switch is set OFF (down)	TEST SET	---
7.8	Set POLARITY switch to -. Set and Hold TEST INJECT switch UP	ON	< -12V	OFF	---	---	Roll Computer
7.9	Set TDS MANEUVER switch ON (up)	ON	< ±.5V	ON	Roll & PITCH ICO lamps ON	TEST SET	Roll Computer
7.10	Release TEST INJECT switch	ON	< ±.5V	ON	ROLL & PITCH ICO lamps ON	TEST SET	---
7.11	Set METER INPUT SELECT switch to ACTUATOR POS	ON	< ±.5V	ON	ROLL & PITCH ICO lamps ON	TEST SET	Roll Computer
7.12	Set and Hold Test INJECT switch UP	ON	-3V (±.5V)	ON	ROLL & PITCH ICO lamps ON	TEST SET	Roll Computer
7.13	Push controller STAB switch and release TEST INJECT switch	OFF	< ±.5V	ON	ROLL & PITCH ICO lamps ON FCS ENGAGED lamp OFF	TEST SET TEST SET	Roll Computer Controller
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 7 (CONT'D)		CHECKOUT - ROLL CHANNEL					
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
7.14	Set POLARITY switch to +, push STAB switch and set and hold TEST INJECT switch UP	ON	+3V (±.5V)	ON	ROLL & PITCH ICO lamps ON FCS ENGAGED lamp ON	TEST SET	Roll Computer or Controller
7.15	Push controller STAB switch OFF	OFF	After .6 sec, meter reads < .3V	ON	ROLL & PITCH ICO lamps ON	TEST SET	Roll Computer
7.16	Release TEST INJECT switch	OFF	< ±.5V	ON	ROLL & PITCH ICO lamps ON	TEST SET	Controller
7.17	Push controller STAB switch and set TDS MANEUVER switch OFF (down)	ON		OFF	FCS ENGAGED lamp ON	TEST SET	Controller
7.18	Set METER INPUT SELECT switch to ROLL DEMAND	ON	-	OFF	---	---	---
7.19	Set and Hold TEST INJECT switch UP	ON	< -12V	-	ROLL & PITCH PWR AMP lamps ON	TEST SET	Roll Computer
7.20	Release TEST INJECT switch. Set TDS MANEUVER switch ON (up) until Meter centers, then OFF (down)	ON	0V	ON/ OFF	ROLL & PITCH PWR AMP lamps OFF	TEST SET	Roll Computer
7.21	Set POLARITY switch to - .						
7.22	Set and Hold TEST INJECT switch UP	ON	> +12V	OFF	ROLL & PITCH PWR AMP lamps ON	TEST SET	Roll Computer
7.23	Release TEST INJECT switch. Set TDS MANEUVER switch ON (up) until meter centers, then OFF (down)	ON	0V	ON/ OFF	ROLL & PITCH PWR AMP lamps OFF		
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 8 CHECKOUT - PITCH CHANNEL							
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
8.0	Set METER INPUT SELECT switch to RATE. Set POLARITY switch to +. Set AXIS SELECT switch to PITCH	ON	-	OFF	---	---	Pitch Computer
8.1	Set and Hold TEST INJECT switch UP, read meter and release switch	ON	+3.5V (±.6V)	OFF	---	---	Pitch Computer
8.2	Repeat test 8.1 with the POLARITY switch in the - position.	ON	-3.5V (±.6V)	OFF	---	---	Pitch Computer
	DRIFT TEST Steps 8.3 through 8.8						
	NOTE: Prepare to note time in next step						
8.3	Set METER INPUT SELECT switch to INTEGRATED RATE. Set TDS MANEUVER switch to ON (up) until Meter centers, then OFF. Wait three minutes before proceeding to next step.	ON		ON/ OFF	ROLL & PITCH ICO lamps ON, then OFF when TDS MANEUVER switch is set OFF (down)	TEST SET	
8.4	After a three minute wait, read meter	ON	< ±3V	OFF	Voltage is less than ±3V		Pitch Computer
8.5	Set POLARITY switch to +. Set and Hold TEST INJECT switch UP.	ON	> +12V	OFF	ROLL & PITCH PWR AMP lamps ON	TEST SET	Pitch Computer
TEST SET T-262-002							
	<u>SYSTEM</u> FCS 200	<u>AIRCRAFT</u> TH57B/C	<u>AXIS</u> 2	<u>VFR</u> X	<u>IFR</u> X		

TEST: 8 (CONT'D)

CHECKOUT - PITCH CHANNEL

TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
8.6	Set TDS MANEUVER switch ON (up)	ON	> ±5V	ON	ROLL & PITCH ICO lamps ON. ROLL & PITCH PWR AMP lamps ON.	TEST SET	Pitch Computer
8.7	Release TEST INJECT switch and set TDS MANEUVER switch OFF (down)	ON	0V	ON/OFF	ROLL & PITCH ICO lamps ON then OFF, when TDS MANEUVER switch is set OFF. ROLL & PITCH PWR AMP lamps OFF	TEST SET	Pitch Computer
8.8	Set POLARITY switch to -. Set and Hold TEST INJECT switch UP.	ON	< -12V	OFF	ROLL & PITCH PWR AMP lamps ON	TEST SET	Pitch Computer
8.9	Set TDS MANEUVER switch ON (up)	ON	< ±5V	ON	ROLL & PITCH ICO lamps ON. ROLL & PITCH PWR AMP lamps ON.	TEST SET	Pitch Computer
8.10	Release TEST INJECT switch	ON	< ±5V	ON	ROLL & PITCH ICO lamps ON. ROLL & PITCH PWR AMP lamps OFF.	TEST SET	Pitch Computer
8.11	Set METER INPUT SELECT switch to ACTUATOR POS	ON	< ±5V	ON	ROLL & PITCH ICO lamps ON	TEST SET	Pitch Computer
8.12	Set and Hold TEST INJECT switch UP	ON	-3V (±6V)	ON	ROLL & PITCH ICO lamps ON	TEST SET	Control Tube Actuator Assembly
8.13	Push controller STAB switch	OFF	After .6 sec < ±5V	ON	ROLL & PITCH ICO lamps ON	TEST SET	Junction Box
					FCS ENGAGED lamp OFF	TEST SET	Controller
8.14	Release TEST INJECT switch			ON	ROLL & PITCH ICO lamps ON	TEST SET	

TEST SET T-262-002

SYSTEM
FCS 200

AIRCRAFT
TH57B/C

AXIS
2

VFR
X

IFR
X

TEST: 8 (CONT'D)		CHECKOUT - PITCH CHANNEL					
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
8.15	Push controller STAB switch and set TDS MANEUVER switch OFF (down)	ON	< ±5V	OFF	---	---	Controller or Pitch Computer
8.16	Set METER INPUT SELECT switch to PITCH DEMAND	ON	-	OFF	---	---	---
8.17	Set and Hold TEST INJECT switch UP	ON	> +12V	OFF	---	---	Pitch Computer
8.18	Release TEST INJECT switch. Set TDS MANEUVER switch ON then OFF	ON	0V	ON/ OFF	ROLL & PITCH ICO lamps ON then OFF, when TDS MANEUVER switch is set OFF	TEST SET	---
8.19	Set Polarity switch to +.	ON	-	-	---	---	---
8.20	Set and Hold TEST INJECT switch UP	ON	< -12V	OFF	---	---	---
8.21	Release TEST INJECT switch. Set TDS MANEUVER switch ON (up) until meter centers, then OFF (down)	ON	0V	ON/ OFF	ROLL & PITCH ICO lamps ON, then OFF when TDS MANEUVER switch is set OFF	TEST SET	Roll Computer
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 9		CHECKOUT - YAW CHANNEL			(Opt test used with 3-Axis System)		
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
9.0	On upper circuit breaker panel, push YAW FCS and AVIONICS INV circuit breaker IN	ON	N/A	OFF			
9.1	On upper circuit breaker panel, set AVIONICS MASTER switch to AVIONICS MASTER	ON	N/A	OFF			
9.2	Move pedals	ON			Pedals move and remain in position when feet are removed		Pedal Switch, Junction Box Or YAW TDU
9.3	Push controller FT switch	ON		ON	ROLL, PITCH and YAW ICO lamps ON	TEST SET	Junction Box Or Controller
					FT switch OFF (Black)	Controller	
9.4	Push controller FT switch	ON		OFF	FT switch ON (Green Barber Pole)	Controller	Junction Box Or Controller
					ROLL PITCH and YAW ICO lamps OFF	TEST SET	
					Pedals are locked in place		
9.5	Pull right pedal aft then release	ON	N/A	OFF	Pedal moves against force then returns to original position when released		Yaw TDU
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 9 (CONT'D)		CHECKOUT - YAW CHANNEL			(Opt test used with 3-Axis System)		
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
9.6	On upper circuit breaker panel, pull YAW FCS circuit breaker OUT	ON	N/A	ON	Pedals will move freely	TEST SET	
9.7	On upper circuit breaker panel, push YAW FCS circuit breaker IN	ON	N/A	OFF	Pedals are locked in place	TEST SET	
9.8	Repeat Step 9.5	ON	N/A	OFF	Same as step 9.5		
9.9	Set METER INPUT SELECT switch to RATE	ON	N/A	OFF			
9.10	Push on one pedal and release	ON	-	ON	YAW ICO lamp ON then OFF when pedal is released	TEST SET	Pedal Switch or Yaw Computer
9.11	Set AXIS SELECT switch to YAW	ON	-	OFF	---	---	Yaw Computer
9.12	Set and hold TEST INJECT switch UP	ON	+3.5V (±.5V)	OFF	---	---	Yaw Computer
9.13	Move right pedal and release	ON	+3.5V (±.5V)	ON	YAW ICO lamp ON	TEST SET	Yaw Computer
9.14	Release TEST INJECT switch	ON	0V	OFF	YAW ICO lamp OFF	TEST SET	Yaw Computer
9.15	Set and hold TEST INJECT switch UP	ON	+3.5V (±.5V)	OFF		TEST SET	Yaw Computer
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 9 (CONT'D) **CHECKOUT - YAW CHANNEL** (Opt test used with 3-Axis System)

TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
9.16	Move Cyclic stick forward	ON	+3.5V (±.5V)	ON	PITCH ICO lamp ON	TEST SET	Yaw computer, Pitch TDU or Pitch Computer
9.17	Release Cyclic stick	ON	+3.5V (±.5V)	ON	PITCH ICO lamp ON	TEST SET	Pitch Computer
9.18	Release TEST INJECT switch	ON	0V	OFF	PITCH ICO lamp OFF	TEST SET	Pitch Computer Or Yaw Computer
9.19	Set AIRSPEED switch on test to ON (up)	ON	-	OFF	---	---	---
9.20	Set and hold TEST INJECT switch UP	ON	+3.5V	OFF			Yaw Computer
9.21	Move Cyclic stick aft	ON	+3.5V (±.5V)	ON	PITCH ICO lamp ON	TEST SET	Pitch TDU or Computer
9.22	Release Cyclic stick	ON	+3.5V (±.5V)	ON	PITCH ICO lamp ON	TEST SET	Pitch TDU Or Computer
9.23	Release TEST INJECT switch	ON	V=0V	OFF	PITCH ICO lamp OFF After 1 sec. delay	TEST SET	Pitch computer Or Yaw Computer
9.24	Set and hold TEST INJECT switch UP	ON	+3.5V (±.5V)	OFF		TEST SET	Yaw Computer
9.25	Move Cyclic stick left	ON	+3.5V	ON	ROLL ICO lamp ON, YAW ICO lamp ON	TEST SET	Yaw Computer, Roll Computer Or Roll TDU

TEST SET T-262-002							
<u>SYSTEM</u> FCS 200	<u>AIRCRAFT</u> TH57B/C	<u>AXIS</u> 2	<u>VFR</u> X	<u>IFR</u> X			

TEST: 9 (CONT'D)		CHECKOUT - YAW CHANNEL				(Opt test used with 3-Axis System)																	
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT																
9.26	Release Cyclic stick	ON	+3.5V (±.5V)	ON	ROLL ICO lamp OFF, YAW ICO lamp ON	TEST SET	---																
9.27	Release TEST INJECT switch	ON	0V	OFF	YAW ICO lamp OFF After 1 sec. delay	---	Yaw Computer																
9.28	Set METER INPUT SELECT switch to ACTUATOR POS																						
<p>WARNING: DO NOT LEAVE SWITCH IN EXTEND OR RETRACT POSITION FOR MORE THAN ONE SECOND AFTER ACTUATOR REACHES LIMIT OF TRAVEL. THE ACTUATOR CAN BE DAMAGED IF THE SWITCH IS NOT PROMPTLY RETURNED TO THE NEUTRAL POSITION. USE OF ANOTHER PERSON MAY BE NECESSARY TO MONITOR ACTUATOR TRAVEL.</p>																							
9.29	Set YAW switch to DOWN (EXTEND)	ON	+7V (±.5V)	OFF	Yaw actuator extends. Yaw indicator displays a full left needle indication	Visually check Yaw Actuator Extends	Yaw Computer, Yaw Actuator, Junction Box, Yaw Indicator Or Controller																
9.30	Set YAW switch to UP (RETRACT)	ON	-7V (±.5V)	OFF	Yaw actuator retracts. Yaw indicator displays a full right needle indication	Visually check Yaw Actuator retracts	Yaw Computer, Yaw Actuator, Junction Box, Yaw Indicator Or Controller																
9.31	Set YAW switch to CENTER (NEUTRAL)	ON	0V	OFF	Yaw actuator centers. Yaw indicator display																		
9.32	Set METER INPUT SELECT switch to RATE	ON	0V	OFF	---	---	Yaw Computer																
<p>TEST SET T-262-002</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"><u>SYSTEM</u></td> <td style="text-align: center;"><u>AIRCRAFT</u></td> <td style="text-align: center;"><u>AXIS</u></td> <td style="text-align: center;"><u>VFR</u></td> <td style="text-align: center;"><u>IFR</u></td> <td colspan="3"></td> </tr> <tr> <td style="text-align: center;">FCS 200</td> <td style="text-align: center;">TH57B/C</td> <td style="text-align: center;">2</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td colspan="3"></td> </tr> </table>								<u>SYSTEM</u>	<u>AIRCRAFT</u>	<u>AXIS</u>	<u>VFR</u>	<u>IFR</u>				FCS 200	TH57B/C	2	X	X			
<u>SYSTEM</u>	<u>AIRCRAFT</u>	<u>AXIS</u>	<u>VFR</u>	<u>IFR</u>																			
FCS 200	TH57B/C	2	X	X																			

TEST: 9 (CONT'D)		CHECKOUT - YAW CHANNEL			(Opt test used with 3-Axis System)		
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
9.33	Set and hold TEST INJECT switch UP and release when meter stops	ON	+3.5V (±.5V)	OFF	Voltage returns to 0V when TEST INJECT	---	Yaw Computer
9.34	Set POLARITY SWITCH TO --	ON	N/A	N/A	---	---	---
9.35	Set and hold TEST INJECT switch UP and release when meter stops	ON	-3.5V (±.5V)	OFF	Voltage returns to 0V when TEST INJECT	---	Yaw Computer
9.36	Set TDS MANEUVER switch ON (UP)	ON	0V	ON	ROLL/PITCH/YAW ICO lamps ON	---	All Computers
9.37	Set AIRSPEED switch OFF (DOWN)	ON	N/A	ON / OFF	ROLL/PITCH ICO lamps ON YAW ICO lamp OFF	---	Yaw Computer
9.38	Set TDS MANEUVER switch OFF (DOWN)	ON	N/A	OFF	ROLL/PITCH ICO lamps OFF	---	Junction Box, Roll or Pitch Computers
9.39	Set PEDAL MOTION switch ON (UP)	ON	N/A	OFF	YAW ICO lamp ON	--	Junction Box, Yaw Computer
9.40	Set METER INPUT SELECT switch to INTEGRATED RATE	ON	0V	ON	YAW ICO lamp ON	---	Yaw Computer
	<p>DRIFT TEST (Steps 9.10 through 9.14)</p> <p><u>NOTE</u> Prepare to note time in next step</p>						
TEST SET T-262-002							
	<u>SYSTEM</u> FCS 200	<u>AIRCRAFT</u> TH57B/C	<u>AXIS</u> 2	<u>VER</u> X	<u>IFR</u> X		

TEST: 9 (CONT'D)

CHECKOUT - YAW CHANNEL

(Opt test used with 3-Axis System)

TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
9.41	With AC motionless, set PEDAL MOTION switch OFF (down) and note time. Wait three minutes before proceeding to next step	ON	< ±.5V	ON / OFF	YAW ICO lamp OFF when PEDAL MOTION switch is set OFF	---	Yaw Computer
9.42	After three minute wait, read meter	ON	< ±3V	OFF	Voltage is less than ±3V	---	Yaw Computer
9.43	Set and hold TEST INJECT switch UP. Release when meter stops	ON	< -12V	OFF	---	---	Yaw Computer
9.44	Set PEDAL MOTION switch ON (up), then OFF when meter centers	ON	0V	ON / OFF	YAW ICO lamp ON then OFF	---	Yaw Computer
9.45	Set POLARITY switch to +	ON	N/A	OFF	---	---	---
9.46	Set and hold TEST INJECT switch UP. Release when meter stops		>+12V	OFF	---	---	Yaw Computer
9.47	Set PEDAL MOTION switch ON then OFF	ON	0V	ON / OFF	YAW ICO lamp ON then OFF	---	Yaw Computer
9.48	Set METER INPUT SELECT switch to ACTUATOR POS	ON	0V	OFF	---	---	---
9.49	Set and hold TEST INJECT switch UP and hold until meter stops then release	ON	+7V (±.5V)	OFF	---	---	Junction Box, Yaw Computer Or Yaw Actuator
9.50	Set PEDAL MOTION switch ON until meter centers then OFF	ON	0V	ON / OFF	YAW ICO lamp ON then OFF	---	Junction Box Or Yaw Computer

TEST SET T-262-002

SYSTEM
FCS 200

AIRCRAFT
TH57B/C

AXIS
2

VFR
X

IFR
X

TEST: 9 (CONT'D)		CHECKOUT - YAW CHANNEL			(Opt test used with 3-Axis System)		
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
9.51	Set POLARITY switch to -	ON	0V	OFF	---	---	---
9.52	Set and hold TEST INJECT switch UP. Release when meter stops	ON	-7V (±.5V)	OFF		--	Yaw Computer
9.53	Push controller STAB switch	OFF	0V	OFF	FCS ENGAGED lamp OFF	TEST SET	Controller
					STAB light OFF (Black)	Controller	Controller
					-7V decreases to 0V within 1 sec.	TEST SET	Controller or Junction Box
9.54	Push controller STAB switch	ON	0V	OFF	FCS ENGAGED lamp ON	TEST SET	Controller
					STAB light ON (Green)	Controller	
9.55	Set POLARITY switch to +	ON	0V	OFF			
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 10 CHECKOUT - ALTITUDE HOLD							
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
10.0	Set METER INPUT SELECT switch to ALTITUDE ERROR	ON	0V	OFF	---	---	---
10.1	Set AXIS SELECT switch to PITCH	ON	0V	OFF	---	---	---
10.2	With a Pitot/Static System Tester, simulate airspeed of more than 40 knots	ON	0V	OFF	---	---	---
10.3	Push controller ALT switch ON	ON	< ±.5V	ON	ALT light (Green) ON PITCH ICO lamp ON	Controller TEST SET If test fails, set Airspeed Switch ON (Up) & repeat step 10.3. Set AIRSPEED switch OFF (Down)	See Comments 1. Test still fails -Controller or Pitch Computer 2. Test passes - Air Data Computer
10.4	Set and Hold TEST INJECT switch UP. Release when Meter stabilizes	ON	< -7V	ON	PITCH ICO lamp ON voltage increasing slowly should return to ±1V within 20-45 seconds. ROLL & PITCH PWR AMP lamps ON then OFF as voltage decreases	TEST SET	Air Data Computer
10.5	Set POLARITY switch to -.	ON		ON	PITCH ICO lamp ON	TEST SET	---
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 10 (CONT'D)		CHECKOUT - ALTITUDE HOLD					
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
10.6	Set and Hold TEST INJECT switch UP. Release when Meter stabilizes	ON	> +7V	ON	PITCH ICO lamp ON voltage decreasing slowly, should return to ±1V within 20-45 seconds ROLL & PITCH PWR AMP lamps ON then OFF as voltage increases	TEST SET	
10.7	Lower airspeed below 40 knots	ON	0V	OFF	As required drops below 40 knots, meter should return to 0V. PITCH ICO lamp goes OFF ALT light (Green) OFF and light flashes (Amber) for 8-12 seconds. FCS caution lamp should come ON for approx. 2 seconds	--- TEST SET Controller Caution panel	Controller
10.8	Return airspeed above 40 knots	ON	0V	OFF	---	---	---
10.9	Push controller ALT switch	ON	< ±.5V	ON	ALT light (Green) ON PITCH ICO lamp ON	Controller TEST SET	Air Data Computer or Pitch Computer
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X	<u>IFR</u> X

TEST: 10 (CONT'D)		CHECKOUT - ALTITUDE HOLD					
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
10.10	Push controller FT switch	ON	0V	ON	ROLL & PITCH ICO lamps ON Alt light (Green) OFF and (Amber) light flashes for 8-12 seconds FCS caution lamp ON for approx. 2 seconds	TEST SET Caution panel	Controller or Air Data Computer Controller
10.11	Push controller FT switch	ON	0V	FF	FT light ON (Green) PITCH,ROLL and YAW ICO lamps OFF	Controller TEST SET	---
10.12	With Pitot/Static System tester, increase Altitude to 5,000 feet and stabilize	-	-	-	---	---	---
10.13	Push controller ALT switch	ON	< ±.5V	ON	ALT light (Green) ON PITCH ICO lamp ON	Controller TEST SET	Controller
10.14	Increase altitude slowly	ON	Decrease to < -7V	ON/OFF	PITCH ICO lamp ON then OFF. Voltage will decrease slowly as altitude increases & will saturate at +8V (±.5V). Actuator Position Indicator will display a PITCH DOWN indication At approx. 150 feet above engage point, controller ALT light (Green) OFF and (Amber) light flashes 8-12 seconds FCS caution lamp ON for approx 2 seconds.	TEST SET Caution panel	Controller Air Data Computer
TEST SET T-262-002							
<u>SYSTEM</u> FCS 200		<u>AIRCRAFT</u> TH57B/C		<u>AXIS</u> 2		<u>VFR</u> X <u>IFR</u> X	

TEST: 10 (CONT'D)		CHECKOUT - ALTITUDE HOLD					
TEST STEP	TEST OPERATION	STAB	METER	ICO LAMPS	TEST RESULTS	COMMENTS	FAILED COMPONENT
10.15	Decrease altitude and stabilize at 5,000 feet	ON	0V	OFF	---	---	---
10.16	Push controller ALT switch	ON	< ±.5V	ON	ALT light (Green) ON PITCH ICO lamp ON	Controller TEST SET	Controller
10.17	Decrease altitude slowly	ON	Increase to > +7V	ON/ OFF	PITCH ICO lamp OFF Voltage will increase slowly as altitude decreases and will saturate at +8V (±.5V) Actuator Position Indicator will display PITCH UP indication. At approx. 150 feet below engage point Controller ALT light (Green) OFF and (Amber) light flashes for 8-12 seconds. FCS caution lamp ON for approx 2 seconds	--- Controller Caution panel	Controller or Air Data Computer
10.18	Push controller STAB switch	OFF		OFF	FCS caution light ON for 1 second then OFF	Caution pane;	Controller
10.19	Push controller FT switch	OFF		ON	---	---	Junction Box
10.20	Bleed off airspeed and altitude slowly	-	-	-	---	---	---
10.21	Pull Force Trim and FCS circuit breakers. Test complete	-	-	-	---	---	---
10.22	Disconnect all test equipment and store						

TEST SET T-262-002

SYSTEM
FCS 200

AIRCRAFT
TH57B/C

AXIS
2

VFR
X

IFR
X