

ATTACHMENT 8

Harlow Aerostructures Acceptance Test Procedure Data Sheets

Acceptance Test Procedure Records for PREMIER I Throttle Quadrant Assembly

Harlow Aircraft Part Number 97-2001-11

Serial Number: 0314

Work Order Number: 18342

Operator: [REDACTED]

Quality Control: _____

Test Date: 9/11/2013

Manufactured Date: Sept 11, 2007

RAC Source Inspection _____ Date _____

Pre-Test Examination (Paragraph 6.1)	
<u>Damage from plane crash</u>	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>

Initial Startup & Solenoid Test / Left Throttle (Paragraph 6.2.1)	
Solenoid Test	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
S13 Go/Around Test	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>

Throttle Switches 9, 11 & 19 / Left Throttle (Paragraph 6.2.2)	
<u>Height Gauge Reading</u> (0.05 – 0.25) Actual:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Idle Stop / Left Throttle (Paragraph 6.2.3)	
<u>Height Gauge Reading</u> (0.46 – 0.50) Actual:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

REFERENCE
ONLY

Acceptance Test Procedure Records

Switch 5 / Left Throttle (Paragraph 6.2.5)	
<u>Height Gauge Reading</u> (1.37 – 1.49) Actual:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Switch 1 and 3 / Left Throttle (Paragraph 6.2.6)	
<u>Height Gauge Reading</u> (1.65 – 1.75) Actual:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Soft Detent / Left Throttle (Paragraph 6.2.7)	
<u>Height Gauge Reading</u> (2.22 – 2.31) Actual:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Take Off Power / Left Throttle (Paragraph 6.2.8)	
<u>Height Gauge Reading</u> (2.70 – 2.80) Actual:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Full Max Power / Left Throttle (Paragraph 6.2.9)	
<u>Height Gauge Reading</u> (3.00 – 3.10) Actual:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Initial Startup & Solenoid Test / Right Throttle (Paragraph 6.3.1)	
	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>

Throttle Switches 10, 12 & 18 / Right Throttle (Paragraph 6.3.2)	
<u>Height Gauge Reading</u> (0.05 – 0.25) Actual:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

REFERENCE ONLY

Acceptance Test Procedure Records

Idle Stop / Right Throttle (Paragraph 6.3.3)	
<u>Height Gauge Reading</u> (0.46 – 0.50) Actual:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Switch 6 / Right Throttle (Paragraph 6.3.5)	
<u>Height Gauge Reading</u> (1.37 – 1.49) Actual:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Switch 2 and 4 / Right Throttle (Paragraph 6.3.6)	
<u>Height Gauge Reading</u> (1.65 – 1.75) Actual:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Soft Detent / Right Throttle (Paragraph 6.3.7)	
<u>Height Gauge Reading</u> (2.22 – 2.31) Actual:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Take Off Power / Right Throttle (Paragraph 6.3.8)	
<u>Height Gauge Reading</u> (2.701 – 2.80) Actual:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Full Max Power / Right Throttle (Paragraph 6.3.9)	
<u>Height Gauge Reading</u> (3.00 – 3.10) Actual:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

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Switch 14 / Flap Lever (Paragraph 6.4.1)		
LIMITED TRAVEL DUE TO DAMAGE	Pass <input type="checkbox"/>	Fail <input checked="" type="checkbox"/>

Switch 15 / Flap Lever (Paragraph 6.4.2)		
	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>

Switch 16 / Flap Lever (Paragraph 6.4.3)		
	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>

Switch 17 / Flap Lever (Paragraph 6.4.4)		
	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>

Left Solenoid Load Test (Paragraph 6.5.1)		
<u>Load Test</u> (< 0.75 Amps) Actual: 0.5 AMPS	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>

Right Solenoid Load Test (Paragraph 6.5.2)		
<u>Load Test</u> (< 0.75 Amps) Actual: 0.5 AMPS	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>

Pull Test Left Throttle Lever / Idle - Max (Paragraph 6.6.1)		
LH Throttle reading (10 +/- 2lbs) = _____ RH Throttle reading = _____ Difference between levers (<1.0) = _____	Pass <input type="checkbox"/>	Fail <input checked="" type="checkbox"/>

DAMAGE

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Acceptance Test Procedure Records

Pull Test Left Throttle Lever / Idle - Max (Paragraph 6.6.2)	
<u>Weight Scale Reading</u> (< 2.0 lbs) Actual: <i>Damage</i>	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
Pull Test Left Throttle Lever / Max - Idle (Paragraph 6.6.3)	
<u>Weight Scale Reading</u> (< 2.0 lbs) Actual: <i>Damage</i>	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
Pull Test Left Throttle Lever / Detent Fwd (Paragraph 6.6.4)	
<u>Weight Scale Reading</u> (0.5 – 3.0 lbs) Actual: <i>Damage</i>	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
Pull Test Left Throttle Lever / Detent Aft (Paragraph 6.6.5)	
<u>Weight Scale Reading</u> (3.0 – 5.5 lbs) Actual: <i>Damage</i>	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
Pull Test Left Idle Cutoff Handle (Paragraph 6.6.6)	
<u>Weight Scale Reading</u> (3 - 8 lbs) Actual: <i>Damage</i>	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
Pull Test Right Throttle Lever / Idle - Max (Paragraph 6.6.7)	
<u>Weight Scale Reading</u> (< 2.0 lbs) Actual: <i>Damage</i>	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
Pull Test Right Throttle Lever / Max - Idle (Paragraph 6.6.8)	
<u>Weight Scale Reading</u> (< 2.0 lbs) Actual: <i>Damage</i>	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
Pull Test Right Throttle Lever / Detent Fwd (Paragraph 6.6.9)	
<u>Weight Scale Reading</u> (0.5 – 3.0 lbs) Actual: <i>Damage</i>	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>

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Acceptance Test Procedure Records

Pull Test Right Throttle Lever / Detent Aft (Paragraph 6.6.10)	
<u>Weight Scale Reading</u> (3.0 – 5.5 lbs) Actual: <i>Damage</i>	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
Pull Test Right Idle Cutoff Handle (Paragraph 6.6.11)	
<u>Weight Scale Reading</u> (3 - 8 lbs) Actual: <i>Damage</i>	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
Flap Lever (Paragraph 6.6.12)	
<u>Highest Weight Scale Reading</u> (< 2.5 lbs) Actual: <i>Damage</i>	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
Left Solenoid Engagement Test (Paragraph 6.6.13)	
	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
Right Solenoid Engagement Test (Paragraph 6.6.14)	
	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
Shake Test , Cutoff Position Stability (Paragraph 6.7)	
<i>Damage</i>	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>

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ONLY