

Revision: Original
Issue Date: 06/01/20

AIRCRAFT: R 01 – DHC-6-400
TYPE: RII TASK CARD
TASK: **Aileron Rigging Check**

Registration No.: N Start _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Date: _____ Aircraft Start Total Cycles: _____

10.2 R 01 Aileron Control Rigging Check

MAINTENANCE ACTION		REFERENCE	RII REPAIRMENTS INITIALS
R 01.1 GENERAL			
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R 01.2 PRIOR TO STARTING TASK			
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.4	Verify that any new P/N used is compatible with aircraft S/N.		
2.5	Read the MM section describing the task.	PSM 1-64-2 27-10-00	
2.6	Verify;		
2.6.1	That all components are correctly installed, that the cables are fitted but not tensioned.	PSM 1-64-2 27-00-00	
2.6.2	Tensiometer is of correct type for cable.		
2.6.3	Cables vibrated to prevent an incorrect reading due to friction in circuit.		
2.6.4	The hydraulic system must be fully serviceable before aileron rigging is started.		
R 01.3 IN PROCESS INSPECTIONS			
3.1	Verify;		
3.1.1	Tensiometer is on center portion of cable and not close to a quadrant, bellcrank, turnbuckle, etc.	PSM 1-64-2 27-00-00	
3.1.2	Cable tensions are I/A/W PSM 1-64-2 Chp 27-00-00 Cable Tension Graph figures and Control Surface Clearances – Adjust as required.		

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MAINTENANCE ACTION	REFERENCE	RII REPAIRMENS INITIALS
3.1.3 A recheck of cable tension(s) after locking turnbuckles.		
R 01.4 POST TASK INSPECTIONS		
4.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2 Verify;		
4.2.1 All jam nuts on push-pull rods and turnbuckles are locked on the completion of rigging		
4.2.2 All rigging pins removed.		
4.2.3 Operate ailerons and check for full and free range of movement.		
4.2.4 A POC is required if any adjustment is made aileron rigging and that it is entered into the aircraft Log Book.		

Upon satisfactory completion of each inspection item, the RII Repairmen shall initial the pertinent space as provided. All RII Repairmen shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Repairmen shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft log book page.

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Repairmen Signature; _____

RII REPAIRMEN INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____