

Skill name

Aircraft Maintenance

Criteria

Mark

| | | |
|---|--|-------|
| A | Sheet Metal Module | 20.00 |
| B | Flight Control Rigging Module | 15.00 |
| C | Daily Inspection Module | 10.00 |
| D | Removal and Installation of Aircraft Component | 20.00 |
| E | Composite Repair | 10.00 |
| F | Hot Section Inspection using Boroscope | 10.00 |
| G | Troubleshoot Electrical Wiring Defect | 15.00 |
| H | | |
| I | | |

| Sub Criteria ID | Sub Criteria Name or Description | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
|-----------------|-------------------------------------|--|---|------------|
| A1 | Working Safety and Area Clean Up | M M M | Proper usage of PPE Completion of Area Clean up Completion Time | |
| A2 | Dimensions and form/ Surface Finish | M M M M M M M M M M | Side Panel Dimensions Flat #1 Side Panel Dimensions Flat #2 Side Panel Dimensions Flat #3 Channel Dimensions Flat #1 Channel Dimensions Flat #2 Channel Dimensions Flat #3 Channel Dimensions Flat #4 Channel Dimensions Flat #5 Channel Dimensions Flat #6 | |

| A3 | Riveting Installation | M | Correct bend radius checked | |
|-----------------|----------------------------------|-------------------------------------|---|------------|
| | | M | Grain Direction | |
| A4 | Bend Allowance Calculation | M | Correct Material Specification Used | |
| | | M | All Edges Smooth and Nick Free | |
| | | M | All Corners Rounded to 0.125" Radius | |
| | | M | Tooling damage | |
| | | M | Fastener Pitch | |
| | | M | Edge Distance and rivet row alignment | |
| | | M | Fastener Selection | |
| | | M | Shop Heads | |
| | | M | Manufactured Heads | |
| | | M | Bend Allowance correct calculation | |
| | | M | Flat Layout of Hat Section calculation | |
| | | M | Flat Layout of Channel calculation | |
| Sub Criteria ID | Sub Criteria Name or Description | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
| B1 | Adjustments | M | Ailerons Faired In Neutral | |
| B2 | Safety Devices | M | Cable Tension | |
| | | M | Up Travel Stop Set To 14 degrees | |
| | | M | Down Travel Stop Set To 12 degrees | |
| | | M | No Tension allowed On Rigging Pin when installed | |
| | | M | Lockwire Turnbuckle Safety | |
| | | M | Safety Clips Installed Correctly | |
| | | M | Travel Stops Correctly Safetyed | |
| | | M | All Other AN Hardware Properly Safetyed | |
| | | M | Proper usage of safety glasses when cotterpinning | |
| | | M | Area could be cleared of all tools and materials | |

| Sub Criteria ID | Sub Criteria Name or Description | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
|-----------------|------------------------------------|-------------------------------------|---|------------------|
| C1 | Independent Control Check | M | Component Identification | 0 1 2 3 |
| C2 | Defects/ paperwork | M | Aircraft Handling | |
| | | M | Inspection carried out | |
| | | M | Documentation | |
| | | M | All Process Steps Followed Satisfactorily | |
| | | M | Accuracy of Written Defect #1 | |
| | | M | Accuracy of Written Defect #2 | |
| | | M | Accuracy of Written Defect #3 | |
| | | M | Accuracy of Written Defect #4 | |
| | | M | Accuracy of Written Defect #5 | |
| | | M | Accuracy of Written Defect #6 | |
| | | M | Accuracy of Written Defect #7 | |
| | | M | Accuracy of Written Defect #8 | |
| | | M | Accuracy of Written Defect #9 | |
| | | M | Accuracy of Written Defect #10 | |
| | | M | Paperwork Correctly Completed | |
| | | M | Legibility | |
| C3 | Airmanship | J | Airmanship | |
| Sub Criteria ID | Sub Criteria Name or Description | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
| D1 | Preparation and Safety Precautinos | M | Appropriately attired | |

| | | | | |
|----|---|---|---|--|
| D2 | Zonal inspection & Handling of Hardware | M | Safety measures before starting | |
| | | M | Handling of the panels | |
| | | M | COSHH assesment used | |
| D3 | PFCU Removal, Examination and Refit | M | Zonal inspection performed before PFCU removal | |
| | | M | Defects found and reported | |
| | | M | Proper methods used in removing the locking hardware | |
| | | M | Proper methods used in installation of locking hardware | |
| | | M | pipes disconnected not using x2 spanner | |
| | | M | not using bags or blanks to protect hoses | |
| | | M | Disconnect control rod | |
| | | M | PFCU Removed (without interference) | |
| | | M | PFCU not supported throughout | |
| | | M | Lotoxane wipe used | |
| | | M | spherical bearing lubricated | |
| | | M | PFCU examined for damage | |
| | | M | OM 15 oil used to lubricate bearing | |
| | | M | excess oil,waste wipes,and gloves disposed of correctly | |
| | | M | PFCU stored safely | |
| D4 | Inner Bell Crank Removal | M | PFCU supported throughout | |
| | | M | Ram end bolt, washers and nut fitted | |
| | | M | Torque loaded fasteners correctly | |
| | | M | Fixed End bolt, washers and nut fitted | |
| | | M | Fixed End washers correctly orientated | |
| | | M | Torque loaded fasteners correctly | |
| | | M | Disconnect control rod | |
| | | M | Inner Bell Crank removed | |
| | | M | Detach lever arm from pivot block | |
| | | M | Bell crank assembly cleaned | |
| | | M | Lotoxane wipe used | |
| | | M | Bell crank assembly examined for damage | |
| | | M | Bell crank assembly reassembled correctly | |
| | | M | Torque loaded correctly | |
| | | M | Correctly split pinned | |
| | | M | Bell crank assembly lubricated | |
| | | M | Grease XG287 used | |
| | | M | Ensure correct movement of assembly | |

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|----|--|---|--|
| D5 | Outer Bell Crank Removal | M | Inner Bell crank stored correctly |
| | | M | Disconnect control rod |
| | | M | Outer Bell Crank removed |
| | | M | Detach lever arm from pivot block |
| | | M | Bell crank assembly cleaned |
| | | M | Lotoxane wipe used |
| | | M | Bell crank assembly examined for damage |
| | | M | Bell Crank assembly reassembled correctly |
| | | M | Torque loaded correctly |
| | | M | Grease XG287 used |
| | | M | Ensure correct movement of Bell Crank assembly |
| | | M | Outer Bell crank stored correctly |
| | | | |
| D6 | Bell Crank Refit (outer & inner) | | |
| | | M | Located over alternate mounting holes |
| | | M | Torque loaded fasteners correctly |
| D7 | Torque Tube to Outer Bell Crank control rod adj | M | Pivot block bolts wire-locked |
| | | | |
| | | M | Loosened eye end locknuts X2 correctly |
| | | M | Reconnected in HST correctly |
| | | M | Adjusted length correctly |
| | | M | Ensured rod is in safety |
| | | M | Tightened locknuts X2 correctly |
| | | M | Refitted in HST ensuring witness marks align on outer Bell Crank |
| D8 | Outer Bell Crank to Inner Bell Crank control rod | M | Torque loaded fasteners correctly X2 |
| | | | |
| | | M | Loosened eye end locknuts X2 correctly |
| | | M | Reconnected in HST correctly |
| | | M | Adjusted length correctly |
| | | M | Ensured rod is in safety |
| | | M | Tightened locknuts X2 correctly |
| | | M | Refitted in HST ensuring witness marks align on Inner Bell Crank |
| D9 | Freedom of Movement Check, Final alignment c | M | Torque loaded fasteners correctly X2 |
| | | | |
| | | M | Nut, Bolt and washer removed |
| | | M | Nut, Bolt and washer stored safely |
| | | M | Freedom of Movement check done |
| | | M | Nut, bolt and washer refitted. |
| | | M | Torque loaded fasteners correctly |

| | | M M M M M M M M M | Inserted rigging pin to ensure witness marks align Supervisors check requested All hydraulic pipes connected correctly Husbandry check carried out Panels refitted Torque sequence used Correct use of Maintenance Procedure throughout NO POWER sign removed/stored Tool check carried out | |
|-----------------------|---|---|--|------------------|
| Sub Criteria ID | Sub Criteria Name or Description | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
| E1 | Working Procedure for Composite Repair | M M M M M M J | Correct PPE Used Correct Handling Of Honeycomb Panel Dimensions of Rosette Insert material removed Correct vacuum pack material selected Correct usage of specialty tools for vacuum pack Correctly completed vacuum bag procedure Composite repair/rosette fitting completed to within the Manufact | 0 1 2 3 |
| Sub Criteria ID | Sub Criteria Name or Description | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
| F1 | Working Procedure of Hot End Inspection | | | |
| F2 | Boroscope unit usage & inspection | M M | Correct use of PPE Use & Handling Of Boroscope Unit | |

| F3 | Properly Completed Defect Report Of The Bores | M | Defects identified as per Master List of Compressor Turbine | |
|-----------------------|---|---|---|---------------|
| F4 | Removal Of All Relative Hot Section Component | M | Defect Report as per Master List for Compressor Turbine Stator | |
| | | M | No flag of the ignition dissipation danger or confirmation that eng | |
| | | M | Handling of Fuel Nozzles without lint free gloves and referral to C | |
| | | M | Manifold components not bagged. | |
| | | M | Use of specialist tools, Dye Marker (PWC05-027), Pusher (PWC | |
| | | M | All open orifices (created by the boroscope task) are to be bagge | |
| | | M | Torque calibration check | |
| | | M | Correct torque value applied IAW MM | |
| | | M | Nut drag torque | |
| | | M | Correct tool to install fuel nozzles | |
| F5 | Usage Of The Manufacturer's O & M Manual | M | Wirelocking not to standard (AC43-13) | |
| | | M | Not referring to relevant section in MM. | |
| Sub Criteria ID | Sub Criteria Name or Description | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
| G1 | Board Preparation, Wiring and Looming | M | Light Assemblies, Switches and Circuit Breaker installed and orie | |
| | | M | Correct clearance between wire bundle and lightening hole edge | |
| | | M | Correct length of wires | |
| | | M | Wire indent installation | |
| | | M | Loom branched correctly | |
| | | M | Correct installation of tie wraps | |
| | | M | Clip Nut and/ or clamp properly installed | |
| | | M | Loom correctly tied | |
| G2 | Use of tools | M | Calibration check done | |
| | | M | Function check of tools done | |
| G3 | Connector Installation and Termination | M | Correct selection of connectors | |
| | | M | Wall Mount Connector installed correctly | |
| | | M | Unused cavities filled | |

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| G4 | Assembly of Terminal Lugs | M | Correct crimp tool settings depth selected on crimp tool |
| | | M | Correct crimping of pins/ sockets |
| | | M | Correct installation of pins/ sockets |
| G5 | Solder Terminations | M | Correct crimping and installation of terminal lugs |
| | | M | Crimp tool insulation setting adjusted/ incorrect crimp slot used |
| | | M | Soldering Iron Cleaning sponge wetted |
| G6 | Wire Loom Continuity Check/ Operational Test | M | Soldering Iron tip cleaned and tinned |
| | | M | Shrink sleeve placed on wire before soldering |
| | | M | Shrink Sleeving used |
| | | M | Soldering defects |
| | | M | Correct length of bared wire at soldered terminal end |
| | | M | Solder joint cleaned with isopropyl alcohol |
| | | M | Loose connection (post solder) |
| | | M | Continuity Check done before power application |
| | | M | Correct Multimeter Usage |
| | | M | Checked wires indicated on wiring diagram |
| G7 | Safe working practice and Area Clean up/ Waste | M | Bulbs removed |
| | | M | Incorrect voltage selected |
| | | M | Power supply switched off when connecting to circuit |
| | | M | Correct polarity of Power Supply leads to circuit board |
| | | M | Completed in time and circuitry functional |
| | | M | Soldering Iron switched off |
| | | M | Tools. Multimeter and Power Supply returned to storage |
| | | M | Bench cleaned |
| | | M | Correct use of soldering iron stand |
| | | M | Flicking molten solder from iron instead of cleaning on damp sponge |
| G8 | Documentation completed | M | Power supply not switched off before disconnecting from circuit |
| | | M | More material requested |
| | | M | "Done by" not initialled |
| G9 | Fault Finding | M | "Done by" not dated |
| | | M | Legibility |
| | | M | Faults found as per master fault list |

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| Sub Criteria ID | Sub Criteria Name or Description | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
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| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Measurement Only) | WSSS Section | Max Mark |
|--|--|-----------------|-------------|
| [0.50 marks; -0.25 marks for any infraction] | Y/N | 5 | 0.50 |
| If area is not cleaned up 0.25 points will be deducted | Y/N | 2 | 0.50 |
| If Project not completed in time allowed | Y/N | 2 | 0.50 |
| For every dimension out of tolerance 0.5 points dedeucte | Y/N | 5 | 0.50 |
| For every dimension out of tolerance 0.5 points dedeucte | Y/N | 5 | 0.50 |
| For every dimension out of tolerance 0.5 points dedeucte | Y/N | 5 | 0.50 |
| For every dimension out of tolerance 0.5 points dedeucte | Y/N | 5 | 0.50 |
| For every dimension out of tolerance 0.5 points dedeucte | Y/N | 5 | 0.50 |
| For every dimension out of tolerance 0.5 points dedeucte | Y/N | 5 | 0.50 |
| For every dimension out of tolerance 0.5 points dedeucte | Y/N | 5 | 0.50 |
| For every dimension out of tolerance 0.5 points dedeucte | Y/N | 5 | 0.50 |

Criterion A Total Mark 20.00

| -0.5 if not checked | Y/N | 5 | 0.50 |
|--|--|-----------------|-------------|
| -0.5 if incorrect | Y/N | 5 | 0.50 |
| Use only 2024-T3 0.032" | Y/N | 5 | 0.50 |
| [1.00 marks; -0.10 per rough edge or nick] | Only Allowed ± 0.0 | 5 | 1.00 |
| [1.00 marks; -0.10 per radius] | Only Allowed ± 0.0 | 5 | 1.00 |
| [1.0 marks; -0.10 per occurrence of surface damage if dev | Same RMS standa | 5 | 0.50 |
| 0.166 points deducted for each row of rivets where fastene | Rows to be equidis | 5 | 2.00 |
| [1.00 marks; -0.25 per rivet edge distance out of tolerance | Maintain 2D edge o | 5 | 2.00 |
| Use only MS20470AD4-4 (0.036 per incorrect fastener ins | Y/N | 5 | 0.50 |
| [2.00 marks; -0.142 if incorrect shop head IAW AC 43-13- | Correct shop head | 5 | 2.00 |
| [2.00 marks; -0.107 for every manufactured head damage | Correct manufactu | 5 | 2.00 |
| Ref. Judges Document (Not neat -0.02) | Y/N | 5 | 0.50 |
| Ref. Judges Document (Developed Length) (Not neat ded | Y/N | 5 | 0.50 |
| Ref. Judges Document (Developed Length) (Not neat ded | Y/N | 5 | 0.50 |
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Measurement Only) | WSSS Section | Max Mark |
| [2.00 marks; -1.00 mark per aileron] | [2*Y/N] | 7 | 2.00 |
| [2.00 marks; -0.50 marks per 1 lb of tension beyond limit] | 20 lbs +/- 1 lb | 7 | 2.00 |
| [2.00 marks; -0.50 marks per 1 degree outside tolerance] | Up Travel Stop set | 7 | 2.00 |
| [2.00 marks; -0.50 marks per 1 degree outside tolerance] | Down Travel Stop | 7 | 2.00 |
| [0.50 marks; If any of the rigging pins is not loose or can't | No tension on All 3 | 7 | 0.50 |
| [2.00 mark; -1.00 marks per non-standard practice includi | As Per AC 43 -13 S | 7 | 2.00 |
| [1.00 marks; -0.5 marks per non-standard installation or m | As Per AC 43 -13 S | 7 | 1.00 |
| [1.00 mark; -0.25 marks per incorrect or missing safety of | As Per AC 43 -13 S | 7 | 1.00 |
| [1.00 mark; -0.125 marks per incorrect or missing safety o | As per standard pr | 7 | 1.00 |
| [1.00 mark if a competitor has to be noticed] | [Y/N] | 7 | 1.00 |
| [-0.50 when area not properly cleaned up] | [Y/N] | 7 | 0.50 |

Criterion B Total Mark 15.00

| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Measurement Only) | WSSS Section | Max Mark |
|--|--|-----------------|-------------|
| Correct component identified using maintenance manual | Y/N | 4 | 0.25 |
| Access open and close no damage to aircraft during main | Y/N | 4 | 0.25 |
| Full and Free movement, correct sense, correct assembly | Y/N | 4 | 1.00 |
| Correct documentation recorded to industry standard (ded | Y/N | 4 | 0.50 |
| [1.00 marks; -0.5 marks deducted per occurrence of deviat | All processes as per | 4 | 1.00 |
| As per Master Defect list (14 minimum in total)0.5 marks d | Y/N | 4 | 0.50 |
| As per Master Defect list (14 minimum in total)0.5 marks d | Y/N | 4 | 0.50 |
| As per Master Defect list (14 minimum in total)0.5 marks d | Y/N | 4 | 0.50 |
| As per Master Defect list (14 minimum in total)0.5 marks d | Y/N | 4 | 0.50 |
| As per Master Defect list (14 minimum in total)0.5 marks d | Y/N | 4 | 0.50 |
| As per Master Defect list (14 minimum in total)0.5 marks d | Y/N | 4 | 0.50 |
| As per Master Defect list (14 minimum in total)0.5 marks d | Y/N | 4 | 0.50 |
| As per Master Defect list (14 minimum in total)0.5 marks d | Y/N | 4 | 0.50 |
| As per Master Defect list (14 minimum in total)0.5 marks d | Y/N | 4 | 0.50 |
| As per Master Defect list (14 minimum in total)0.5 marks d | Y/N | 4 | 0.50 |
| [0.25 marks; -0.10 marks deducted per incorrect completio | As per Standard P | 4 | 0.25 |
| [0.25 marks; -0.10 marks deducted for untidiness of repor | 5*Y/N | 4 | 0.25 |
| PPE Selection & Usage, Aircraft Handling, Tool Selection | | 1 | 1.50 |
| Does not meet industry standards of airworthiness (mark d | | | |
| Barely meets industry standards of airworthiness (mark of | | | |
| Effectively meets industry standards of airworthiness (mar | | | |
| Exceeds industry standards of airworthiness (mark of 1.50 | | | |
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Measurement Only) | WSSS Section | Max Mark |
| -0.2 points in occurrence of following: safety glasses not u | 2*Y/N | 8 | 0.40 |

Criterion C Total Mark 10.00

Criterion D Total Mark 20.00

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| -0.2 points in occurrence of following: Hyd/Electric power r | 2*Y/N | 2 | 0.40 |
| -0.1 points in occurrence of following: loose fasteners of r | 9* Y/N | 3 | 0.90 |
| -0.2 points if not reading the assesment inPFCU examinatio | 3*Y/N | 1 | 0.60 |
| | Y/N | 2 | 0.20 |
| As per masterlist | | 2 | 1.20 |
| -0.1 points in occurrence of following: hardware not remov | 16*Y/N | 3 | 1.60 |
| -0.1 points in occurrence of following: hardware not install | 16*Y/N | 3 | 1.60 |
| -0.2 points if improper method is used | Y/N | 8 | 0.20 |
| -0.2 points if not bagged | Y/N | 8 | 0.20 |
| -o.2 points if not disconnected | Y/N | 8 | 0.20 |
| if rested on equipment or dropped - 0.4 | Y/N | 8 | 0.40 |
| -0.3 if not supprted | Y/N | 8 | 0.30 |
| -0.1 if not used | Y/N | 8 | 0.10 |
| -0.1 if not lubricated | Y/N | 8 | 0.10 |
| -0.3 if not examined | Y/N | 8 | 0.30 |
| -0.1 if not lubricated | Y/N | 8 | 0.10 |
| disposed into the correctly labled bin (Hazardous waste - i | Y/N | 8 | 0.10 |
| -0.1 if not stored safely | Y/N | 8 | 0.10 |
| if rested on equipment or dropped - 0.3 | Y/N | 8 | 0.30 |
| -0.1 if not fitted | Y/N | 8 | 0.10 |
| deduct 0.2 if no touque wrench used | Y/N | 8 | 0.20 |
| -0.2 if not fitted | Y/N | 8 | 0.20 |
| correct thickness washers correctly orientated -0.2 if incor | Y/N | 8 | 0.20 |
| -0.2 if an improper method is used | Y/N | 8 | 0.20 |
| -0.1 if not disconnected | Y/N | 8 | 0.10 |
| NOTE: check which set of holes removed from | Y/N | 8 | 0.10 |
| -0.1 if not detached | Y/N | 8 | 0.10 |
| -0.1 if not cleaned | Y/N | 8 | 0.10 |
| Lotoxane wipe used & waste disposed into correct bin | Y/N | 8 | 0.10 |
| -0.1 if not examined | Y/N | 8 | 0.10 |
| -01 for incorrect reassembly | Y/N | 8 | 0.10 |
| -0.2 for incorrect method used | Y/N | 8 | 0.20 |
| either castleated method or as AC 43 | Y/N | 8 | 0.10 |
| Bell crank assembly lubricated | Y/N | 8 | 0.10 |
| Grease XG287 used | Y/N | 8 | 0.10 |
| -0.1 if not ensured | Y/N | 8 | 0.10 |

| | | | |
|---|-------|---|------|
| -0.1 if incorrectly stored | Y/N | 1 | 0.10 |
| -0.2 if not disconnected | Y/N | 8 | 0.20 |
| NOTE: check which set of holes removed from | Y/N | 8 | 0.10 |
| 0.2 if not removed | Y/N | 8 | 0.10 |
| -0.1 if not cleaned | Y/N | 8 | 0.10 |
| Lotoxane wipe used & waste disposed into correct bin | Y/N | 8 | 0.10 |
| -0.1 if not examined | Y/N | 8 | 0.10 |
| -0.1 for incorrect reassembly | Y/N | 8 | 0.10 |
| -0.2 for incorrect method used | Y/N | 8 | 0.10 |
| Grease XG287 used | Y/N | 8 | 0.10 |
| -0.1 if not ensured | Y/N | 8 | 0.10 |
| -0.1 if incorrectly stored | Y/N | 1 | 0.10 |
| deduct 0.2 if not alternative mount used either on inner or | 2*Y/N | 8 | 0.40 |
| deduct 0.2 per occurrence of incorrect torqued fastener | 2*Y/N | 8 | 0.40 |
| deduct 0.2 per occurrence of incorrect or missing lockwire | 2*Y/N | 8 | 0.40 |
| NOTE: one is left hand thread one is righthand thread. | Y/N | 8 | 0.10 |
| -0.1 if incorrectly reconnected | Y/N | 8 | 0.10 |
| -0.2 for incorrect length | Y/N | 8 | 0.20 |
| deduct 0.1 if not in safety | Y/N | 8 | 0.10 |
| -0.1 if incorrectly tightened | Y/N | 8 | 0.10 |
| -0.2 if not aligned | Y/N | 8 | 0.20 |
| -0.2 for incorrect method used | Y/N | 8 | 0.20 |
| -0.1 for incorrect method used | Y/N | 8 | 0.10 |
| -0.1 for incorrect method used | Y/N | 8 | 0.10 |
| using witness marks on bellcrank | Y/N | 8 | 0.10 |
| -0.1 if not ensured | Y/N | 8 | 0.10 |
| Tightened locknuts X2 correctly [0.10 marks] | Y/N | 8 | 0.10 |
| Refitted in HST ensuring witness marks align on Inner Bell | Y/N | 8 | 0.20 |
| Torque loaded fasteners correctly X2 [0.20 marks] | Y/N | 8 | 0.40 |
| -0.1 if not removed | Y/N | 8 | 0.10 |
| -0.1 if not stored safely | Y/N | 8 | 0.10 |
| -0.2 if not checked | Y/N | 8 | 0.20 |
| correctly oriented | Y/N | 8 | 0.10 |
| -0.2 for incorrect method used | Y/N | 8 | 0.20 |

| | | | |
|--|-------|---|------|
| -0.1 if not inserted | Y/N | 8 | 0.10 |
| supervisors to check lines on bellcranks with pin fitted | Y/N | 2 | 0.20 |
| -0.2 if not correct | Y/N | 8 | 0.20 |
| Husbandry check carried out | Y/N | 2 | 0.30 |
| deduct 0.2 for each panel (total of three) not correctly refitted as described in manual | 3*Y/N | 1 | 0.60 |
| -0.6 if Maintenance Procedure not followed | Y/N | 1 | 0.60 |
| NO POWER sign removed/stored | Y/N | 2 | 0.20 |
| all tools returned as initial set up | Y/N | 2 | 0.40 |

| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Measurement Only) | WSSS Section | Max Mark |
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Criterion E Total Mark 10.00

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| deduct 0.5 for each non-occurrence of glasses & gloves | 2*Y/N | 1 | 1.00 |
| deduct 0.25 marks per occurrence of incorrect handling of Composite Repair | | 6 | 2.00 |
| Deduct 1 mark per occurrence of exceeding the limit of hold | | 6 | 2.00 |
| -1.0 mark if incorrect packing material identified | Y/N | 6 | 1.00 |
| -0.35 marks per incorrect usage iaw composite repair manual | 3*Y/N | 3 | 1.00 |
| -0.20 marks per incorrect or missing defect item not properly | Manufacture's Ma | 2 | 1.00 |
| | | 6 | 2.00 |
| potting is not acceptable | | | |
| potting meets curing standard along with minimum weight | | | |
| potting meets industry std. with smooth layup | | | |
| potting is excellent with no voids and eddy current testing | | | |

| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Measurement Only) | WSSS Section | Max Mark |
|--|--|-----------------|-------------|
|--|--|-----------------|-------------|

Criterion F Total Mark 10.00

| | | | |
|--|-------|---|------|
| deduct 0.5 for each non-occurrence of glasses & gloves | 2*Y/N | 1 | 1.00 |
| deduct 0.2 points of occurrence of improper use & handling | Y/N | 9 | 2.00 |

| deduct 0.4 for each defect not correctly identified. | Manufacture's Ma | 9 | 2.00 |
|--|--|-----------------|-------------|
| Deduct 0.5 for each defect not correctly identified. | | 9 | 2.00 |
| Deduct 0.10 for each non-occurrence. | Y/N | 2 | 0.20 |
| Deduct 0.10 for each non-occurrence. | Y/N | 1 | 0.20 |
| Deduct 0.20 if any component not bagged. | Y/N | 9 | 0.20 |
| Deduct 0.10 for each non-occurrence | Y/N | 9 | 0.20 |
| Deduct 0.10 for each non-occurrence | Y/N | 9 | 0.20 |
| | Y/N | 1 | 0.20 |
| | Y/N | 9 | 0.20 |
| | Y/N | 9 | 0.20 |
| | Y/N | 9 | 0.20 |
| | Y/N | 1 | 0.20 |
| Deduct 0.25 points per occurrence of not referring to MM. | Manufacture's Ma | 1 | 1.00 |
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Measurement Only) | WSSS Section | Max Mark |
| Deduct 0.1 points per occurrence of following: incorrect ins [4*Y/N] | | 10 | 0.40 |
| Deduct 0.4 points if the grommet is not used when clearing | Y/N | 10 | 0.40 |
| Deduct 0.1 points per any of following occurrence: loose w | SWPM | 10 | 0.40 |
| Deduct 0,03 points per occurrence of following: Missing id | | 10 | 0.60 |
| Deduct 0.1 points per occurrence of untied branch, unsup | SWPM | 10 | 0.50 |
| Deduct 0.1 points if any of following occurs: loose tie wra | Y/N | 10 | 0.20 |
| Deduct 0.1 points if any of following occurs: Clip Nut insta | Y/N | 10 | 0.40 |
| Deduct 0,1 points per occurrence of following: loose knot. | Y/N | 10 | 0.50 |
| Deduct 0,15 points per occurrence of following: Calibration | 4*Y/N | 10 | 0.60 |
| Deduct 0,10 points per occurrence: Wire stripper function t | 2*Y/N | 10 | 0.20 |
| Deduct 0,4 points if wrong type of cunnector (voltage in pi | Y/N | 10 | 0.40 |
| Deduct 0,12 points per occurrence of follwing: Master Key | Y/N | 10 | 0.24 |
| Deduct 0,02 points of any unused cavity not filled with a sp | SWPM | 10 | 0.30 |

Criterion G Total Mark 15.00

| | | | |
|---|---------|----|------|
| Deduct 0,1 points per occurrence: incorrect crimp depth selected | Y/N | 10 | 0.20 |
| Deduct 0,12 points per occurrence: incorrect insulation removed | Y/N | 10 | 0.36 |
| Deduct 0,12 points per occurrence: incorrect tool used for removal | Y/N | 10 | 0.36 |
| Deduct 0.03 points per occurrence: incorrect insulation removed | SWPM | 10 | 1.00 |
| | Y/N | 10 | 0.24 |
| | Y/N | 10 | 0.20 |
| | Y/N | 10 | 0.20 |
| | Y/N | 10 | 0.20 |
| Deduct 0.05 points per missing shrink sleeve or incorrect application | Y/N | 10 | 0.20 |
| Dry joints, Lamp Assembly/ wire insulation burned, Excess material | AC21-99 | 10 | 0.60 |
| Deduct 0,04 points per occurrence incorrect length of bare wire | AC21-99 | 10 | 0.20 |
| Deduct 0,05 points per occurrence of not cleaned joint | Y/N | 10 | 0.20 |
| Deduct 0,05 points per occurrence of loose connection | Y/N | 10 | 0.20 |
| | Y/N | 10 | 0.10 |
| Deduct 0.05 points for Incorrect range selected on multimeter | Y/N | 10 | 0.10 |
| | Y/N | 2 | 0.10 |
| | Y/N | 10 | 0.10 |
| | Y/N | 10 | 0.10 |
| | Y/N | 10 | 0.10 |
| | Y/N | 10 | 0.10 |
| Deduct 0.50 if completed but not functional | Y/N | 10 | 1.00 |
| | Y/N | 10 | 0.10 |
| Deduct 0.05 points for each item listed, that haven't returned | 3*Y/N | 10 | 0.15 |
| | Y/N | 10 | 0.10 |
| | Y/N | 10 | 0.10 |
| | Y/N | 10 | 0.10 |
| | Y/N | 10 | 0.15 |
| Deduct 0.3 points for any extra material asked, i.e. wire, pliers | Y/N | 10 | 0.90 |
| | Y/N | 2 | 0.15 |
| | Y/N | 2 | 0.15 |
| | Y/N | 2 | 0.10 |
| Less than 25% of defects found 0.00 marks awarded | Y/N | 11 | 2.00 |
| More than 25%, less than 50% of defects found 1.00 mark | | | |

More than 50%, less than 75% of defects found 1.50 mark
More than 75% of defects found 2.00 marks awarded

| | | | |
|--|--|-----------------|-------------|
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Measurement Only) | WSSS Section | Max Mark |
| | | | |
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Measurement Only) | WSSS Section | Max Mark |
| | | | |

Criterion H Total Mark 0.00

Criterion I Total Mark 0.00

Competition Total Mark 100.00