

14 Aircraft Maintenance

WorldSkills Occupational Standard

Section	WSOS Marks
1	Work organization and management
2	Communication and interpersonal skills
3	Problem solving, innovation, and creativity
4	Aircraft systems inspection
5	Aircraft mechanical rectification
6	Aircraft electrical defect reclarification
7	Aircraft metal structure fabrication and/or repair
8	Aircraft engine inspection/repair

Criteria

ID	Name
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A	Aircraft and Systems Inspection
B	Aircraft Metal Structure Fabrications and/or Repair
C	Aircraft Component Inspection/Repair
D	Aircraft Electrical Inspection and Defect Rectification
E	Engine Inspection and defect Rectification
F	
G	
H	
I	

Sub Criterion ID	Sub Criterion Name or Description	Day of Marking	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score
A1	Independent Control Check		M M M M M M M M M	All Process Steps Followed Satisfactorily Aircraft Panels Ensure tail rotor pedals are centralized Cable tension check, Pre use checks Cable tension check, temperature check Cable tension check, diameter of cable check Cable tension check, Correct section of cable Paperwork Correctly Completed / Task Card Paperwork Correctly Completed / Aircraft Journey Logbook	
A2	Aircraft Initial Acceptance Inspection		M M M	All Process Steps Followed Satisfactorily Component Identification Working at height	

A3	Airmanship		M	Rotation of rotor systems	
			M	Aircraft Panels	
			M	Ground Equipment	
			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	Legibility / Certification	
			M	Paperwork Correctly Completed / Certification	
			M	PPE Selection & Usage	
			M	Tool Control	
			M	Cleanliness and organisation	
Sub Criterion ID	Sub Criterion Name or Description	Day of Marking	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score
B1	Calculation		M	Bend allowance part 2	
M	flat layout width part 2				
M	Bend allowance part 3				
M	flat layout length part 3				
M	rivets length MS20426AD4-xx				
M	H :shop head rivet AD4				
M	ø: shop head rivet AD4				
M	rivets length MS20426AD3 floating nuts (e=0.7 mm)				
M	H :shop head rivet AD3				
M	ø: shop head rivet AD3				
M	rivets length MS20426AD3 anchor nuts (e=0.96 mm)				
M	H :shop head rivet AD3				

B2	Form part 1	M	ø: shop head rivet AD3
		M	Dimension 150 part 1
		M	Dimension 150 part 1
		M	chamfer 5x45° (x4) part 1
		M	Deburring part 1
B3	Form part 2	M	Dimension 150 part 2
		M	Dimension 19.5 part 2
		M	Dimension 19.5 part 2
		M	Dimension 25 part 2
		M	radius measurement R= 4(x2) part 2
		M	chamfer 5x45° (x4) part 2
		M	Grain direction (90°) part 2
		M	Deburring part 2
B4	Floating nuts part 2	M	Dimension 20 part 2
		M	Dimension 9 part 2
		M	Dimension 4.330 inch part 2
		M	rivet smoothness (x4)
		M	Shop head rivets (x4)
		M	surface finish tooling damage
B5	Form part 3	M	Dimension 150 part 3
		M	Dimension 19.5 part 3
		M	Dimension 25 part 3 (x2)
		M	Dimension 39.3128 part 3
		M	radius measurement R = 3.2 (x3) part3
		M	chamfer 5x45° (x4) part 2
		M	Grain direction (90°) part 3
B6	Floating nuts part 3	M	Deburring part 3
		M	Dimension 20 part 3
		M	Dimension 9 part 3
		M	Dimension 4.330 inch part 3
		M	rivet smoothness (x4)
		M	Shop head rivets (x4)
B7	Anchor nuts part 3	M	surface finish tooling damage
		M	

B8	Assembly part 2/part1		M	Dimension 14 part 3	
			M	Dimension 61 part 3	
B9	Assembly part 3 / part 1		M	Dimension 11 part 3	
			M	anchor angle 0° (x3)	
			M	rivet smoothness (x6)	
			M	Shop head rivets (x6)	
			M	surface finish tooling damage	
			M	Edge and first rivet distance 9	
			M	dimension edge 7.5mm	
			M	rivet spacing 22 (x6)	
B10	Installation of electrical box		M	rivet smoothness (x7)	
			M	Shop head rivets (x7)	
			M	surface finish tooling damage	
			M	Distance between part2 and 3	
			M	Edge and first rivet distance 9 and 10.5 (x7)	
			M	distance between 2 rivet line 20 and 20 (x6)	
			M	rivet spacing 22 (x11)	
			M	rivet smoothness (x13)	
B11	Organization, safety		M	Shop head rivets (x13)	
			M	surface finish tooling damage	
B12	Area clean up		M	installation correct	
			M	Process	
			M	Personal protective equipment	
B12	Area clean up		M	workbench , tools storage	
			M		
Sub Criterion ID	Sub Criterion Name or Description	Day of Marking	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score
C1	Preparation and Safety Precautions		M	Appropriate PPE	
			M	Handling of the panels	

C2	Zonal inspection	M	Ensure Hydraulic pressure is dissipated.
		M	COSHH assessment
C3	PFCU Removal & Examination	M	Accuracy of Written Defect #1
		M	Accuracy of Written Defect #2
		M	Accuracy of Written Defect #3
C4	PFCU Refit	M	Disconnect Hoses
		M	Disconnect Hoses
		M	Blanks to protect hoses & fittings
C5	Inner Bell Crank Removal	M	PFCU: remove, examine for damage & lubricate spherical bearing
C6	Inner Bell Crank Examination	M	Fit PFCU fasteners
		M	Hydraulic hoses
		M	Hydraulic hoses
C7	Inner Bell Crank Fit		
C8	Fit (continued)	M	Remove: Inner Bell Crank assembly & Detach lever arm from pivot
C9	Outer Bell Crank Removal	M	Reassemble: Bell crank assembly & Install cotter pin
		M	Bell crank assembly lubricated & movement check
C10	Examination	M	Install over alternate mounting holes
		M	Torque & wire lock fasteners correctly
		M	Install inner Bell Crank control rod
C11	Outer Bell Crank Fit	M	Disconnect outer bell crank/inner bell crank input control rod and
		M	Slacken both eye end locknuts.Reconnect input control rod. Do not
C12	Outer Bell Crank control rod adjustment	M	Disconnect control rod, remove Outer Bell Crank assembly & Detach
		M	Bell Crank reassembled, torqued correctly & Correctly split pinners
		M	Bell crank assembly lubricated & movement check
		M	Locate over alternate mounting holes
		M	Torque load fasteners & wire lock Pivot block bolts
		M	Install outer Bell Crank control rod
		M	Remove rod & loosen eye end locknuts correctly & reconnect in place
		M	Rig pin - remove

C13	Inner Bell Crank control rod adjustment	M	Remove rod & wire lock correctly.Reconnect rod	
		M	Adjust length correctly to align witness marks	
		M	Insert Rig pin	
		M	Ensure rod is in safety, tighten lock nuts & wire lock locknuts.Red	
C14	Control Rods Final Fit and freedom of movement check			
		M	Remove Torque tube assembly input control rodRemove Nut, Bo	
		M	Check Freedom of Movement	
		M	Input rod: Reconnect, torque fastener & split pinned	
		M	Insert rigging pin	
C15	PFCU Final Fit	M	Expert check (with Competitor present)	
		M	PFCU hydraulic hoses security	
		M	PFCU attachment bolts x2	
		M	All control rods	
C16	Recovery	M	All control rods with grease fittings	
		M	Remove Rig Pin	
		M	Panels	
C17	Certification / Defect Report	M	Panels refit	
		J	Transcribe defect report to Task Card	
C18	General Maintenance Practices			0 1 2 3
		M	Proper methods used in removing and installing the parts and fas	
		M	Follow Maintenance Procedure throughout	
		M	NO POWER sign removed/stored	
		M	Tool check carried out	
		M	Housekeeping	
		M	Excess oil, waste wipes, and gloves disposed of correctly	

Sub Criterion ID	Sub Criterion Name or Description	Day of Marking	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score
D1	Board Preparation, Wiring and Looming		M	Light Assemblies, Switches installed and orientated correctly	
			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	
D2	Use of tools		M	Calibration check done	
			M	Function check of tools done	
			M	Correct crimp tool settings depth selected on crimp tool	
			M	Correct insertion/extraction of pins/ sockets	
D3	Connector Installation and Termination		M	Correct selection of connectors	
			M	Wall Mount Connector installed correctly	
			M	Unused cavities filled	
			M	Correct crimping of pins/ sockets	
D4	Assembly of Terminal Lugs		M	Correct crimping and installation of terminal lugs	
			M	Crimp tool insulation setting adjusted/ incorrect crimp slot used	
D5	Solder Terminations		M	Soldering Iron Cleaning sponge wetted	
			M	Soldering Iron tip cleaned and tinned	
			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)	
D6	Wire Loom Continuity Check/ Operational Test		M	Continuity Check done before power application	
			M	Checked wires indicated on wiring diagram	
			M	Incorrect voltage selected	

D7	Safe working practice and Area Clean up/ Wastage of mat		M M M M M M M M M M	Power supply switched off when connecting to circuit Correct polarity of Power Supply leads to circuit board Completed in time and circuitry functional Soldering Iron switched off Tools, Multimeter and Power Supply returned to storage Bench cleaned Correct use of soldering iron stand Flicking molten solder from iron instead of cleaning on damp spot Power supply not switched off before disconnecting from circuit More material requested	
D8	Fault Finding		M M M	At least 25% of faults found At least 50% of faults found 100% of faults found	
D9	Documentation completed		M M M	"Done by" not initialled "Done by" not dated Legibility	
Sub Criterion ID	Sub Criterion Name or Description	Day of Marking	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score
E1	Working Procedure of Hot End Inspection		M	Correct use of PPE	
E2	Boroscope unit usage & inspection		M	Use & Handling Of Boroscope Unit	
E3	Properly Completed Defect Report Of The Borescope Insp		M	Defects identified as per Master List	
E4	Removal Of All Relative Hot Section Components		M M M M M	No flag of the ignition dissipation danger Removed fuel nozzle not capped. Hose not plugged. Component not bagged. Tool not used for fuel nozzle removal.	
E5	Properly Completed Defect Report Of The Visual Inspection				

E6	Correct Installation Of Hot Section Components		M M M M M M M M M M M M M M M J	Defects identified as per Master List Apply anti-seize compound Torque calibration check Torque Wrench setting check on Torque Analyser Incorrect torque sequence Nut Drag Torque T bolts touching combustion case. Split Seal Ring Gaps at 180deg apart Correct Torque Loading of Fuel Nozzle, Fuel Hose Coupling Correct Torque loading of Spark Igniter Correct Wire for Wire Locking selected iaw Chap 72-00-00 Wire locking not to standard (AC 43-13) Work area cleaned and all tools returned Requirement for Engine Check Run following Hot End Build Not adhering to relevant section in MM Paperwork Correctly Completed / Certification	0 1 2 3
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ndards

	WSOS Marks	Aspect Marks	Variation
	5.00	5.40	0.40
	5.00	4.80	0.20
	5.00	5.10	0.10
	20.00	19.35	0.65
	15.00	15.00	0.00
	15.00	14.90	0.10
	20.00	20.75	0.75
	15.00	14.70	0.30
	Total Variation		2.50

Mark

	20.00
	20.00
	20.00
	20.00
	20.00

Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
deduct 0.5 marks deducted per occurrence of deviation from	0.5	4		0.50
Deduct 0.5 marks if either panel removed or refitted in a u	1	4		1.00
Deduct 0.5 marks if tail rotor pedals not aligned prior to the	0.5	4		0.50
Pre use checks on the tensiometer Deduct 0.5 if fails to ch	0.5	8		0.50
Deduct 0.5 if fails to get air tempreture from OAT inside co	0.5	4		0.50
Deduct 0.5 if fails to check cable diameter with tensimeter	0.5	4		0.50
Deduct 0.5 if uses the incorrect section of cable (should b	0.5	4		0.50
deduct 0.5 marks deducted if not completed IAW judges c	0.5	6		0.50
deduct 0.5 marks deducted if not completed IAW judges c	0.5	6		0.50
deduct 0.5 marks deducted per occurrence of deviation from	1	2		1.00
Correct component identified using maintenance manual	1	6		1.00
Climbs the aircraft safely maintaining 3 points of contact a	1	1		1.00

Criterion A Total Mark 20.00

Deduct 0.5 marks for rotation of rotor systems without che	1	1		1.00
Deduct 0.5 marks if panel removed or refitted in a unsafe	0.5	1		0.50
Deduct 0.5 marks if ground equipment use in a unsafe ma	0.5	1		0.50
As per Master Defect list, 0.5 marks deducted per non ide	0.5	7		0.50
As per Master Defect list, 0.5 marks deducted per non ide	0.5	7		0.50
As per Master Defect list, 0.5 marks deducted per non ide	0.5	7		0.50
As per Master Defect list, 0.5 marks deducted per non ide	0.5	7		0.50
As per Master Defect list, 0.5 marks deducted per non ide	0.5	7		0.50
As per Master Defect list, 0.5 marks deducted per non ide	0.5	7		0.50
As per Master Defect list, 0.5 marks deducted per non ide	0.5	7		0.50
As per Master Defect list, 0.5 marks deducted per non ide	0.5	7		0.50
As per Master Defect list, 0.5 marks deducted per non ide	0.5	7		0.50
deduct 1 mark if the report is untidy	1	4		1.00
deduct 1 mark if report not completed IAW judges Master	1	4		1.00
deduct 1 mark if competitor fails to use required PPE i.a.w	1	4		1.00
Deduct 0.5 marks if the competitor fails to control tools du	1	4		1.00
Deduct 1 mark if the competitor fails to clean the task area	1	4		1.00
Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
6.845 mm	6.845	3		0.20
58.251 mm	58.251	3		0.20
5.590 mm	5.59	3		0.20
101.506 mm	101.506	3		0.20
5.004 mm to 6.592 mm (-4)	6.59	3		0.15
1.58 mm to 2.064 mm	1.58	3		0.15
4.76 mm	4.76	3		0.15
3.794 mm to 4.985 mm (-3)	5.171	3		0.15
1.190 mm to 1.548 mm	1.19	3		0.15
3.57 mm	3.57	3		0.15
4.194mm to 5.385 mm (-3)	5.384	3		0.15
1.190 mm to 1.548 mm	1.19	3		0.15

Criterion B Total Mark 20.00

3.57 mm	3.57	3	0.15
tolerance ± 0.5	0.5	4	0.20
tolerance ± 0.5	0.5	4	0.20
tolerance ± 0.5 0.05 each chamfer	0.5	4	0.20
rough edge = 0	0	4	0.20
tolerance ± 0.5	0.5	4	0.20
tolerance ± 0.5	0.5	4	0.20
tolerance ± 0.5	0.5	4	0.15
tolerance ± 0.5	0.5	6	0.20
0.1 each radius	0.1	6	0.20
tolerance ± 0.5 0.05 each chamfer	0.5	6	0.20
		7	0.20
rough edge = 0	Y/N	6	0.20
tolerance ± 0.5	0.5	4	0.20
tolerance ± 0.5	0.5	4	0.20
110 mm	110	4	0.20
tolerance +0 to +0.2	0.2	4	0.40
0.1 each rivet	0.5	4	0.40
0.05 removed per occurrence max removed 0.20		4	0.20
tolerance ± 0.5	0.5	4	0.20
tolerance ± 0.5	0.5	4	0.20
tolerance ± 0.5 0.9 each dimension	0.5	4	0.20
tolerance ± 0.5	0.5	4	0.20
0.05 each radius	0.5	4	0.20
tolerance ± 0.5 0.05 each chamfer	0.5	4	0.20
		7	0.20
rough edge = 0	Y/N	4	0.20
tolerance ± 0.5	0.5	4	0.20
tolerance ± 0.5	0.5	4	0.20
tolerance ± 0.5	0.5	4	0.20
tolerance +0 to +0.2 (0.1 each rivet)	0.2	4	0.40
0.1 each rivet	0.1	4	0.40
0.05 removed per occurrence max removed 0.20	0.5	4	0.20

tolerance ± 0.5	0.5	4		0.20
tolerance ± 0.5	0.5	4		0.20
tolerance ± 0.5	0.5	4		0.20
tolerance $\pm 1^\circ$	1	2		0.20
tolerance +0 to +0.2 (0.1 each rivet)	0.2	2		0.60
0.1 each rivet	0.1	4		0.60
0.05 removed per occurrence max removed 0.20	0.05	4		0.20
tolerance ± 0.5	0.5	4		0.20
tolerance ± 0.5	0.5	2		0.20
tolerance ± 0.5 (0.1 each rivet)	0.5	4		0.60
tolerance +0 to +0.2 (0.1 each rivet)	0.2	2		0.70
0.1 each rivet	0.1	4		0.70
0.05 removed per occurrence max removed 0.20	0.05	4		0.20
32.5	0.5	7		0.20
tolerance ± 0.5 (0.1 each rivet)	0.5	4		0.70
tolerance ± 0.5 (0.1 each rivet)	0.5	3		0.60
tolerance ± 0.5 (0.1 each pitch)	0.5	4		1.10
tolerance +0 to +0.2 (0.1 each rivet)	0.2	1		1.30
0.1 each rivet	0.1	8		1.30
0.05 removed per occurrence max removed 0.20	0.05	8		0.20
0 if no	Y/N	7		0.15
0 if not followed	Y/N	3		0.10
0,05 deducted per occurrence max 0.10	0.05	6		0.10
		8		0.15
Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
Deduct 0.25 points: safety glasses not used, appropriate	Y/N	2		1.00
Deduct 0.25 points in occurrence of following: -loose fast	Y/N	7		1.00

Criterion C Total Mark 20.00

Deduct 0.25 points - if no warning Sign	Y/N	1	0.25
Deduct 0.25 points if not reading the COSHH	Y/N	1	0.25
Inspect the complete HST for airworthiness condition	Y/N	3	0.25
	Y/N	3	0.25
	Y/N	3	0.25
Deduct 0.25 points if not using x2 spanner	Y/N	7	0.25
Deduct 0.25 points if not using appropriate gloves & rags	Y/N	7	0.25
Deduct 0.25 points if not covered	Y/N	7	0.25
Deduct 0.25 if PFCU (per occurrence)- mishandled, or- not	Y/N	7	1.25
Deduct 0.25 if not fitted using original set	Y/N	7	0.25
Deduct 0.25 if incorrectly routed or twisted	Y/N	7	0.25
Deduct 0.25 points if improper torque &/or not using x2 spanner	Y/N	7	0.25
deduct 0.25 if not removed, detach, cleaned & inspected	Y/N	7	0.25
deduct 0.25 per occurrence for - incorrect torque & did not	Y/N	7	0.50
Deduct 0.25 per occurrence if not lubricated with Grease X	Y/N	7	0.50
deduct 0.25 if not in alternative mount	Y/N	7	0.25
deduct 0.25 if not performed correctly	Y/N	7	0.25
deduct 0.25 per incorrect torqued or safety	Y/N	7	0.25
deduct 0.25 if not detached, and removed, gently	Y/N	7	0.25
deduct 0.25 if not performed properly	Y/N	7	0.25
deduct 0.25 if not disconnected, removed & detached	Y/N	7	0.25
deduct 0.25 (per occurrence) for incorrect reassembly, tor	Y/N	7	0.75
Deduct 0.25 (per occurrence) if not lubricated with Grease	Y/N	7	0.50
deduct 0.25 if not alternative mount	Y/N	7	0.25
deduct 0.25 per occurrence of incorrect torqued fastener	Y/N	7	0.50
deduct 0.25 per incorrect torqued or safety	Y/N	7	0.25
deduct 0.25 if not performed properly	Y/N	7	0.25
deduct 0.25 if not removed	Y/N	7	0.25

deduct 0.25 if incorrectly (per either occurrence) secured &	Y/N	7	0.50
deduct 0.25 for incorrect adjustment	Y/N	7	0.25
deduct 0.25 if not performed	Y/N	7	0.25
deduct 0.25 if performed not correctly	Y/N	7	0.25
Deduct 0.25 if not removed & fasteners not stored safely	Y/N	7	0.25
Deduct 0.25 if not checked & did not request Expert to ch	Y/N	7	0.25
Deduct 0.25 if incorrectly torqued, not correctly oriented. &	Y/N	7	0.75
Deduct 0.25 if not inserted	Y/N	7	0.25
Deduct 0.25 if - rig pin not sliding freely (0.25)- witness m	0.25	7	0.50
deduct 0.25 if incorrectly secured / hose twisted	Y/N	7	0.25
Deduct 0.25 if not torqued and/or split pin correctly	Y/N	7	0.25
Deduct 0.25 if not torqued & secured	Y/N	7	0.25
Deduct 0.25 if fitting is not accessible	Y/N	7	0.25
Deduct 0.25 if not removed	Y/N	7	0.25
Deduct 0.25 if did not perform internal Airworthiness check	Y/N	7	0.25
Deduct 0.25 for each panel not correctly refitted per manu	Y/N	7	0.25
		8	0.75
Does not meet industry standard. (0.00)			
Meets minimum industry standards. Entry Legible. Corre			
Meets industry standard. All blanks "N/A" or similar. Corr			
Exceeds industry standard. Wording clear and concise. (0			
Deduct 0.25 points in occurrence of following: - wrong ma	0.25	3	1.50
Deduct 0.25 if Maintenance Procedure not followed	Y/N	2	0.25
Deduct 0.25 if not removed	Y/N	2	0.25
Deduct 0.25 if tools not returned as initial set up	Y/N	2	0.25
Deduct 0.25 points - FOD left behind in HST and around	Y/N	2	0.25
Deduct 0.25 if not disposed into the correctly labelled bin (Y/N	7	0.25

Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
Deduct 0.1 points per occurrence of following: incorrect ins 0.1		6		0.40
Deduct 0.4 points if the grommet is not used when clearing Y/N		6		0.40
Deduct 0.1 points per any of following occurrence: loose w 0.1		6		0.40
Deduct 0.06 points per occurrence of following: Missing id 0.6		6		1.20
Deduct 0.1 points per occurrence of untied branch, unsup 0.1		8		0.50
Deduct 0.1 points if any of following occurs: loose tie wrap 0.1		8		0.20
Deduct 0.1 points if any of following occurs: Clip Nut install 0.1		8		0.40
Deduct 0.1 points per occurrence of following: loose knot 0.1		8		0.50
Deduct 0.10 points per occurrence of following: Calibration 0.1		8		0.40
Deduct 0.20 points per occurrence: Wire stripper function 0.2		8		0.40
Deduct 0.1 points per occurrence: incorrect crimp depth s 0.1		8		0.20
Deduct 0.3 points per occurrence: incorrect tool used for i 0.3		8		0.60
Deduct 0.4 points if wrong type of connector (voltage in pin Y/N		8		0.40
Deduct 0.1 points per occurrence of following: Master Key 0.1		6		0.30
Deduct 0.3 points if unused cavities not filled with a spare Y/N		6		0.30
Deduct 0.24 points per occurrence: incorrect insulation ren 0.24		6		2.00
deduct 0.24 points per occurrence: incorrect insulation ren 0.24		8		2.00
	Y/N	8		0.20
	Y/N	8		0.10
	Y/N	8		0.10
Deduct 0.10 points per missing shrink sleeve or incorrect 0.1		8		0.40
Dry joints, Lamp Assembly/ wire insulation burned, Excess 0.15		8		0.60
Deduct 0.08 points per occurrence incorrect length of bare 0.08		8		0.60
Deduct 0.10 points per occurrence of not cleaned joint 0.1		8		0.60
Deduct 0.10 points per occurrence of loose connection 0.1		8		0.60
	Y/N	8		0.10
	Y/N	2		0.10
	Y/N	8		0.10

Criterion D Total Mark 20.00

	Y/N	8		0.10
	Y/N	8		0.10
Deduct 0.50 if completed but not functional	0.5	8		1.00
	Y/N	8		0.10
Deduct 0.2 points (per occurrence) if any item listed haven	0.2	8		0.60
	Y/N	8		0.30
	Y/N	8		0.10
Deduct 0.1 points (per occurrence)	0.1	8		0.40
	Y/N	8		0.10
Deduct 0.3 points for any extra material asked, i.e. wire, p	0.3	6		1.00
	Y/N	6		0.50
	Y/N	6		0.50
	Y/N	6		0.50
	Y/N	1		0.20
	Y/N	1		0.20
	Y/N	1		0.20
Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
deduct 0.5 for each non-occurrence of glasses & gloves	0.5	6		1.00
deduct 0.2 points of occurrence of improper use & handling	0.2	6		2.00
deduct 0.25 for each defect not correctly identified 6 faults	0.25	6		1.50
deduct if not flagged	Y/N	5		0.40
deduct if not protected	Y/N	5		0.40
deduct if not plugged	Y/N	5		0.40
deduct if not bagged	Y/N	5		0.40
deduct if not used	Y/N	5		0.40

Criterion E Total Mark 20.00

-0.25 marks per incorrect or missing defect item not properly identified	0.25	5		2.00
Deduct 0.3 per non-occurrence	0.3	5		0.60
Deduct 0.2 per non-occurrence	0.2	5		0.80
Deduct 0.2 per non-occurrence	0.2	5		0.80
Torque sequence not in accordance with Manufacturer's Manual	Y/N	5		0.50
Deduct 0.4 if not measured and added to final torque load	Y/N	5		0.40
Deduct 0.2 per occurrence if any T Bolt touching Combustion Chamber	0.2	5		0.60
Deduct 0.4 if any Split Seal Gap not apart by 180 Deg +/- 30 Deg	0.4	5		0.80
Deduct 0.8 for any non-occurrence	Y/N	5		0.80
Deduct 0.4 for any non-occurrence	Y/N	5		0.40
Deduct 0.40 for any non-occurrence	Y/N	5		0.40
Deduct 0.60 for any non-occurrence	Y/N	5		0.60
Deduct 0.8 for any non-occurrence	Y/N	5		0.80
Deduct 0.5 if non-occurrence	Y/N	7		0.50
0.5 points deduction for every non-occurrence of adhering to industry standard	0/5	5		1.50
Correctly completed to meet the needs of the work carried out		5		2.00
below industry standard				
Industry standard				
detailed industry standard				
exceptional industry standard				
Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark

Criterion F

Total
Mark

0.00

Criterion G

Total
Mark

0.00

Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark

Criterion H Total Mark 0.00

Criterion I Total Mark 0.00

Competition Total Mark 100.00