


sats GATEWAY		SATS MAINTENANCE CENTRE Ground Power Unit ( TLD 4000 series ) PREVENTIVE MAINTENANCE CHECKLIST			
Equipment No. :			JOB No. :		
Hourmeter Reading :			Date :		
Mechanical Checks By :			S/No. :		Sign:
Electrical Checks By :			S/No. :		Sign:
Tested By :			S/No. :		Sign:
S/n	SYSTEM / SERVICE	A	C	Service Instruction	Remarks
<b>1 ENGINE</b>					
1.1	Engine oil			Change and top up 'FULL' mark.	
1.2	Engine oil filter			Replace filter	
1.3	Air cleaner			Clean the element and examine.	Replace if necessary
1.4	Fuel water separator			Drain and replace filter element.	Replace every 500hrs
1.5	Fuel filter			Replace filter	Replace every 500hrs
1.6	Fuel lines			Inspect for leakages.	
1.7	Fuel pump			Examine and ensure security.	
1.8	Fuel hoses & clips			Check for leakage & security	
1.9	Fan hub and drive pulley			Examine and ensure security.	
1.10	Fan guard			Examine and ensure security.	
1.11	Belts			Examine for wear and tension.	
1.12	Radiator Core			Clean.	
1.13	Radiator			Drain and replace coolant.	Replace coolant every 2 years
1.14	Radiator Cap			Examine and ensure security.	
1.15	Water pump			Examine.	
1.16	Water hoses & clips			Check for leakage & security	
1.17	Alternator			Examine and ensure security.	
1.18	Starter motor			Examine and ensure security.	
1.19	Exhaust system			Examine.	
1.20	Emergency shut down			Test.	
1.21	Vibration damper			Examine signs of deterioration.	
1.22	Charge-Air-Cooler pipe and hose			Check for leakage, cracks & security	
1.23	Charge-Air-Cooler			Examine and ensure no dirt or debris blocking the fins.	
1.24	Engine and Generator mounting			Examine for deterioration and security	
<b>2 BATTERY</b>					
2.1	Battery			Check Voltage.(charge if necessary)	
2.2	Battery Terminal			Examine and clean.	
2.3	Battery cables			Examine signs of deterioration and exposed wires. Replace as necessary.	
<b>3 GENERATOR / ELECTRICAL SYSTEM</b>					
3.1	Panel lightings and other lightings			Ensure serviceability.	
3.2	Unit operation and low fuel beacons			Ensure serviceability.	
3.3	Chassis			Corrosion treatment and touch up painting.	
3.4	Control panel and panel door.			Examine.	
3.5	Cable plug connections / cables			Check cuts, crack and abrasion / Check operation (repace as necessary)	
3.6	NATO plug AC cable			Examine contact rings for exposure/wear/abrasion /damage.	
				Check socket contacts for looseness.	
				Examine cable for damage insulation.	
				Check for worn or bent pin	
3.7	NATO plug DC cable (Only applies to certain models )			Examine contact rings for exposure/wear/abrasion /damage.	
				Check socket contacts for looseness.	
				Examine cable for damage insulation.	
				Check for worn or bent pin	


S/n	SYSTEM / SERVICE	A	C	Service Instruction	Remarks
3.8	Gauges			Ensure serviceability and Damage	
3.9	Protective Monitoring Circuits			Ensure serviceability and Damage	
3.10	Wiring and connections			Check for loose connections, signs of deterioration and exposed wires.	
<b>4</b>	<b>FRONT WHEEL</b>				
4.1	Tyre L / H			Check wear ( replace if necessary)	
4.2	Tyre R / H			Check wear ( replace if necessary)	
4.3	Rims			Check condition.	
4.4	Tyres pressure			Check and inflate correct pressure.	
4.5	Wheel studs and nuts			Check and tighten.	
4.6	Brake linkage			Lubricate.	
4.7	Brake system			Service and check for effectiveness.	
4.8	Brake cables			Lubricate.	
4.9	Wheel bearings			Examine (replace if necessary)	
4.10	Tongue hinge			Lubricate.	
<b>5</b>	<b>REAR WHEEL</b>				
5.1	Tyre L / H			Check wear ( replace if necessary)	
5.2	Tyre R / H			Check wear ( replace if necessary)	
5.3	Rims			Check condition.	
5.4	Tyres pressure			Check and inflate correct pressure.	
5.5	Wheel studs and nuts			Check and tighten.	
5.6	Wheel bearings			Examine (replace if necessary)	
<b>6</b>	<b>BODYWORK / STRUCTURE</b>				
6.2	Dent/ accident			Examine.	
6.3	Structural crack (external)			Examine.	
6.4	Body and paint work			Corrosion treatment and touch up painting.	
6.5	Fire Extinguisher Expiry Date				
<b>7</b>	<b>FUNCTIONAL CHECK</b>				
7.1	Engine meters			Ensure all meters are funtional.	
7.2	E-F bypass system			Ensure the E-F bypass is functional.	
7.3	Output voltage			Ensure it is set at 115 VAC +/- 1	
7.4	Output voltage			Ensure it is set at 24 VDC	Only applies to certain models
7.5	Operation Test			Physical and funtional check	
7.6	Load test			Perform a full load test.	
<b>8</b>	<b>FOD CHECK</b>				
8.1	Examine and ensure unit is free of FOD				
8.2	Overall cleanliness				
<b>9</b>	<b>REMARKS :</b>				
SERVICED BY:		SERVICED BY:			
SIGN	: _____	SIGN	: _____		
NAME	: _____	NAME	: _____		
DATE	: _____	DATE	: _____		
SWITCH OFF ENGINE WHEN COMPLETED ALL NECESSARY REPAIRS.					

		<b>SATS MAINTENANCE CENTRE</b> <b>Aircraft towbar</b> <b>PREVENTIVE MAINTENANCE CHECKLIST</b>	
		<b>Equipment No. :</b>	
<b>Hourmeter Reading :</b>		<b>Date :</b>	
<b>Mechanical Checks By :</b>		<b>S/No. :</b>	<b>Sign:</b>
<b>Electrical Checks By :</b>		<b>S/No. :</b>	<b>Sign:</b>
<b>Tested By :</b>		<b>S/No. :</b>	<b>Sign:</b>
S/N	Item Description	A	Service instruction
<b>TOW BAR ASSEMBLY</b>			
1	Tow eye		Towing eye to round and not dented or flatten
2	Landing gear locking mechanism		Check mechanism for damage/worn part
3	Shear bolt/pin		Missing /bent
4	Hydraulic pump assembly		Check for leak, release valve worn
5	Hydraulic cylinder, linkage		Check for leak, linkages free play
6	Hydraulic hoses		Abrasion on hose, rust on hydraulic fitting
7	Hydraulic oil		Check oil level in reservoir
8	Check operation of hand pump		
9	Torque fastening, locking bolts		
10	Lubricate locking mechanism		
<b>WHEEL ASSEMBLY</b>			
1	Wheel hub bearings		To check every monthly servicing
2	Check tyre pressure		Check tyre pressure (40 PSI) every PM
3	Tyre condition		
<b>BODYWORK / STRUCTURE</b>			
1	Overall cleanliness		
2	Dent/ accident		
3	Structural crack, rust		Check for alignment
4	Touch up		
<b>GREASING</b>			
1	To grease all grease nipples		To check every monthly servicing
<b>REMARKS</b>			


Throw oily rags into proper bins provided in the workshop

S/No.		SYSTEM / SERVICE		A	Remark
<b>SATS MAINTENANCE CENTRE</b>					
<b>Air Starter Unit</b>					
<b>PREVENTIVE MAINTENANCE CHECKLIST</b>					
Equipment No. :			JOB No. :		
Hourmeter Reading :			Date :		
Mechanical Checks By :			S/No. : Sign:		
Electrical Checks By :			S/No. : Sign:		
Tested By :			S/No. : Sign:		
<b>Open maintenance doors for visual inspection</b>					
1	Compartment,door locking mechanism		Check		
2	Check for debris (e.g. dust,loose parts)		Remove		
3	Oil and fuel leaks		Check		
4	All connection (locks,cable mountings,bolts)		Check		
5	Inspect turbine bellows, door seals		Check		repair as necessary
6	Generator coupling		Check		
7	Starter bushes		Check		
<b>Refer to workshop manual for following checks</b>					
1	Check bleed air hose		Check		
2	Drain fuel tank		Check		
3	Check battery		Check		
4	Perform start test: check batt. Voltage, speed and EGT during start up.		Check		
<b>General (trailer)</b>					
1	Lubricate turntable at lubricator nipples		Check/lub		
2	Tow brake machnism		Check		
3	Tyre condition/ top up air		Check		
4	Wheel assembly & nuts		Check		
5	Inspect axle fixing bolt		Check		
6	Tyre pressure (52 psi)		Check/inflate		
7	frame and chassis		Check		
8	Inspection covers		Check		
9	Parking brake		Check		

SATS GATEWAY		SATS MAINTENANCE CENTRE	
		Aircondition Unit	
PREVENTIVE MAINTENANCE CHECKLIST			
Equipment No. :		JOB No. :	
Hourmeter Reading :		Date :	
Mechanical Checks By :		S/No. : Sign:	
Electrical Checks By :		S/No. : Sign:	
Tested By :		S/No. : Sign:	
S/n	Item Description	A	Service instructions
<b>ENGINE</b>			
1	Engine oil, oil filter		First 100 hrs. and 150hrs. there after
2	Engine mounting		
3	Engine condition, abnormal noise/smoke		
4	Drain plug & gasket		
5	Exhaust system leak, mounting loose		
6	Air cleaner assembly		Check every 150 hrs.
7	Alternator, water pump drive belt		Check and adjust every 300hrs.
<b>FUEL SYSTEM</b>			
1	Fuel filter/ check		Change every 300hrs.
2	Sediment bowl/ clean		Check for water contamination
3	Fuel tank/ cap		
<b>COOLING SYSTEM</b>			
1	Fan belt, pully		
2	Radiator & expansion tank		
3	Radiator cap, hoses & mounting		
4	Coolant level		
<b>COMPRESSOR, RELATED COMPONENTS</b>			
1	Power take-off throw out collar		Check every 24 hrs. Apply 2 "shots" of grease
2	Power take-off shaft bearing		Check every 150hrs. Apply grease
3	Power take-off yoke shaft		Check every 450hrs. Grease
4	Power take-off linkage		Check every 450hrs. Lub. with engine oil
5	V-band drive belt tension and alignment		
6	Blower bearing		Check filter at 450hrs. Replace pressure drop exceed 3 PSI
7	Sheave and bearing		Check for alignment and bearing noise
8	Refrigerant oil filter		Check filter at 450hrs. Replace pressure drop exceed 3 PSI
9	Check refrigerant level		
10	Compressor oil pop up indicator		
11	Check sight glass indicator		
12	Filter dried cartridge		Check every 24 mths Lub. With grease
13	Aircon hose and connectors		
<b>BODYWORK / STRUCTURE</b>			
1	Tow bar pivot point and linkages		Check every 6 moths lub. With grease
2	Structural crack (external)		
3	Corrosion		Clean and touch up with primer
4	Dent/ accident		
5	Body panels		
6	Suspension		Check for broken leave springs
7	Chassis, crossmember		
8	Under carriage		
<b>BRAKE &amp; WHEEL</b>			
1	Brake linkages		
2	Brake clearance		
3	Parking brake free play		
4	Wheel assembly, lock nuts		
5	Tyre condition		

		<b>SATS MAINTENANCE CENTRE</b> <b>Ground Power Unit - MAK DC (RG6&amp;7)</b> <b>PREVENTIVE MAINTENANCE CHECKLIST</b>			
		Equipment No. :		JOB No. :	
Hourmeter Reading :		Date :			
Mechanical Checks By :		S/No. :		Sign:	
Electrical Checks By :		S/No. :		Sign:	
Tested By :		S/No. :		Sign:	
S/N	Item description	Service instruction	500hrs	3000hrs	Remarks/Last change & hours
<b>1 ENGINE</b>					
1.1	Engine oil	Change and top up 'FULL' mark			
1.2	Engine oil filter	Replace filter			
1.3	Air cleaner	Clean the element and examine (Replace every 1000hrs)			
1.4	Fuel water separator	Drain and replace filter element			
1.5	Fuel filter	Replace filter (Replace every 500hrs)			
1.6	Pre-filter element	Drain water & clean if necessary			
1.7	Fuel lines	Inspect for leakages			
1.8	Fuel pump / Injectors	Examine for leak and ensure security (Service every 6000 hrs)			
1.9	Fuel hoses & clips	Check for leakage & security (Replace every 2000 hrs)			
1.10	Fan hub and drive pulley	Examine and ensure security			
1.11	Fan guard	Examine and ensure security			
1.12	All Drive Belts	Examine for wear and tension (Replace every 2000 hrs)			
1.13	Radiator Core	Clean			
1.14	Radiator	Drain and replace coolant (Replace coolant every 2 years)			
1.15	Radiator Cap	Examine and ensure security			
1.16	Water pump	Examine			
1.17	Water hoses & clips	Check for leakage & security			
1.18	Alternator	Examine and ensure security			
1.19	Starter motor	Examine and ensure security			
1.20	Exhaust Silencer /Pipes	Examine for cracks, damage & security			
1.21	Emergency shut down	Test			
1.22	Vibration damper	Examine signs of deterioration			
1.23	Charge-Air-Cooler pipe and hose	Check for leakage, cracks & security			
1.24	Charge-Air-Cooler	Examine and ensure no dirt or debris blocking the fins			
1.24	Engine and Generator mounting	Examine for deterioration and security			
<b>2 BATTERY</b>					
2.1	Battery	Check Voltage (charge if necessary)			
2.2	Battery Terminal	Examine and clean			
2.3	Battery cables	Examine signs of deterioration and exposed wires Replace as necessary			
<b>3 GENERATOR / ELECTRICAL SYSTEM</b>					
3.1	Panel lightings and other lightings	Ensure serviceability			
3.2	Unit operation and low fuel beacons	Ensure serviceability			
3.3	Chassis	Corrosion treatment and touch up painting			
3.4	Control panel and panel door.	Examine			
3.5	Cable plug connections / cables	Check cuts, crack and abrasion / Check operation (replace as necessary)			
3.6	NATO plug AC cable	Examine contact rings for exposure/wear/abrasion /damage			
		Check socket contacts for looseness			
		Examine cable for damage insulation			

		Check for worn or bent pin																			
3.7	Gauges	Ensure serviceability and Damage																			
3.8	Protective Monitoring Circuits	Ensure serviceability and Damage																			
3.9	Automatic Voltage Regulator (AVR)	Check for operation																			
3.10	Electronic Engine Governor (EMR)	Check for operation																			
3.11	Wiring and connections	Check for loose connections, signs of deterioration and exposed wires																			
3.12	Warning Lights, Switches and Fuse	Ensure serviceability and Damage																			
3.13	All Control PCB Cards	Examine for connections & security																			
<b>4 FRONT WHEEL</b>																					
4.1	Tyre L / H	Check wear ( replace if necessary)																			
4.2	Tyre R / H	Check wear ( replace if necessary)																			
4.3	Rims	Check condition																			
4.4	Tyres pressure	Check and inflate correct pressure																			
4.5	Wheel studs and nuts	Check and tighten																			
4.6	Brake linkage	Lubricate																			
4.7	Brake system	Service and check for effectiveness																			
4.8	Brake cables	Lubricate																			
4.9	Wheel bearings	Examine (replace if necessary)																			
4.10	Tongue hinge	Lubricate																			
<b>5 REAR WHEEL</b>																					
5.1	Tyre L / H	Check wear ( replace if necessary)																			
5.2	Tyre R / H	Check wear ( replace if necessary)																			
5.3	Rims	Check condition																			
5.4	Tyres pressure	Check and inflate correct pressure																			
5.5	Wheel studs and nuts	Check and tighten																			
5.6	Wheel bearings	Examine (replace if necessary)																			
<b>6 BODYWORK / STRUCTURE</b>																					
6.2	Dent/ accident	Examine																			
6.3	Structural crack (external)	Examine																			
6.4	Body and paint work	Corrosion treatment and touch up painting																			
6.5	Fire Extinguisher (Condition & Expiry Date)	Check/Replace																			
<b>7 FUNCTIONAL CHECK</b>																					
7.1	Engine meters	Ensure all meters are funtional																			
7.2	E-F bypass system	Ensure the E-F bypass is functional																			
7.3	Output voltage	Ensure it is set at 115 VAC +/- 1																			
7.4	Operation Test	Physical and funtional check																			
7.5	Load test	Perform a full load test																			
<b>8 FOD CHECK</b>																					
8.1	Examine and ensure unit is free of FOD																				
8.2	Overall cleanliness																				
<b>9 REMARKS :</b>																					
OEM - recommended checks for 250hrs are carried out during weekly checks, updated checklist is kept at work bay.																					
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NAME :	_____	NAME :	_____																		
DATE :	_____	DATE :	_____																		

		<b>SATS MAINTENANCE CENTRE</b> <b>Ground Power Unit - HOBART (RG10-15)</b> <b>PREVENTIVE MAINTENANCE CHECKLIST</b>			
		Equipment No. :		JOB No. :	
Hourmeter Reading :		Date :			
Mechanical Checks By :		S/No. :		Sign:	
Electrical Checks By :		S/No. :		Sign:	
Tested By :		S/No. :		Sign:	
S/N	Item description	Service instruction	500hrs	3000hrs	Remarks/Last change & hours
<b>1 ENGINE</b>					
1.1	Engine oil	Change and top up 'FULL' mark			
1.2	Engine oil filter	Replace filter			
1.3	Air cleaner	Clean the element and examine (Replace every 1000hrs)			
1.4	Fuel water separator	Drain and replace filter element			
1.5	Fuel filter	Replace filter (Replace every 500hrs)			
1.6	Pre-filter element	Drain water & clean if necessary			
1.7	Fuel lines	Inspect for leakages			
1.8	Fuel pump / Injectors	Examine for leak and ensure security (Service every 6000 hrs)			
1.9	Fuel hoses & clips	Check for leakage & security (Replace every 2000 hrs)			
1.10	Fan hub and drive pulley	Examine and ensure security			
1.11	Fan guard	Examine and ensure security			
1.12	All Drive Belts	Examine for wear and tension (Replace every 2000 hrs)			
1.13	Radiator Core	Clean			
1.14	Radiator	Drain and replace coolant (Replace coolant every 2 years)			
1.15	Radiator Cap	Examine and ensure security			
1.16	Water pump	Examine			
1.17	Water hoses & clips	Check for leakage & security			
1.18	Alternator	Examine and ensure security			
1.19	Starter motor	Examine and ensure security			
1.20	Exhaust Silencer /Pipes	Examine for cracks, damage & security			
1.21	Emergency shut down	Test			
1.22	Vibration damper	Examine signs of deterioration			
1.23	Charge-Air-Cooler pipe and hose	Check for leakage, cracks & security			
1.24	Charge-Air-Cooler	Examine and ensure no dirt or debris blocking the fins			
1.24	Engine and Generator mounting	Examine for deterioration and security			
<b>2 BATTERY</b>					
2.1	Battery	Check Voltage (charge if necessary)			
2.2	Battery Terminal	Examine and clean			
2.3	Battery cables	Examine signs of deterioration and exposed wires Replace as necessary			
<b>3 GENERATOR / ELECTRICAL SYSTEM</b>					
3.1	Panel lightings and other lightings	Ensure serviceability			
3.2	Unit operation and low fuel beacons	Ensure serviceability			
3.3	Chassis	Corrosion treatment and touch up painting			
3.4	Control panel and panel door.	Examine			
3.5	Cable plug connections / cables	Check cuts, crack and abrasion / Check operation (replace as necessary)			
3.6	NATO plug AC cable	Examine contact rings for exposure/wear/abrasion /damage			
		Check socket contacts for looseness			
		Examine cable for damage insulation			
		Check for worn or bent pin			
3.7	Gauges	Ensure serviceability and Damage			
3.8	Protective Monitoring Circuits	Ensure serviceability and Damage			



3.9	Automatic Voltage Regulator (AVR)	Check for operation					
3.10	Electronic Engine Governor (EMR)	Check for operation					
3.11	Wiring and connections	Check for loose connections, signs of deterioration and exposed wires					
3.12	Warning Lights, Switches and Fuse	Ensure serviceability and Damage					
3.13	All Control PCB Cards	Examine for connections & security					
<b>4 FRONT WHEEL</b>							
4.1	Tyre L / H	Check wear ( replace if necessary)					
4.2	Tyre R / H	Check wear ( replace if necessary)					
4.3	Rims	Check condition					
4.4	Tyres pressure	Check and inflate correct pressure					
4.5	Wheel studs and nuts	Check and tighten					
4.6	Brake linkage	Lubricate					
4.7	Brake system	Service and check for effectiveness					
4.8	Brake cables	Lubricate					
4.9	Wheel bearings	Examine (replace if necessary)					
4.10	Tongue hinge	Lubricate					
<b>5 REAR WHEEL</b>							
5.1	Tyre L / H	Check wear ( replace if necessary)					
5.2	Tyre R / H	Check wear ( replace if necessary)					
5.3	Rims	Check condition					
5.4	Tyres pressure	Check and inflate correct pressure					
5.5	Wheel studs and nuts	Check and tighten					
5.6	Wheel bearings	Examine (replace if necessary)					
<b>6 BODYWORK / STRUCTURE</b>							
6.2	Dent/ accident	Examine					
6.3	Structural crack (external)	Examine					
6.4	Body and paint work	Corrosion treatment and touch up painting					
6.5	Fire Extinguisher (Condition & Expiry Date)	Check/Replace					
<b>7 FUNCTIONAL CHECK</b>							
7.1	Engine meters	Ensure all meters are funtional					
7.2	E-F bypass system	Ensure the E-F bypass is functional					
7.3	Output voltage	Ensure it is set at 115 VAC +/- 1					
7.4	Operation Test	Physical and funtional check					
7.5	Load test	Perform a full load test					
<b>8 FOD CHECK</b>							
8.1	Examine and ensure unit is free of FOD						
8.2	Overall cleanliness						
<b>9 REMARKS :</b>							
OEM - recommended checks for 250hrs are carried out during weekly checks, updated checklist is kept at work bay.							
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sats GATEWAY		SATS MAINTENANCE CENTRE Ground Power Unit - TLD 4000 SERIES (RG1,16-33) PREVENTIVE MAINTENANCE CHECKLIST			
Equipment No. :			JOB No. :		
Hourmeter Reading :			Date :		
Mechanical Checks By :		S/No. :	Sign:		
Electrical Checks By :		S/No. :	Sign:		
Tested By :		S/No. :	Sign:		
S/N	Item description	Service instruction	500hrs	3000hrs	Remarks/Last change & hours
<b>1 ENGINE</b>					
1.1	Engine oil	Change and top up 'FULL' mark			
1.2	Engine oil filter	Replace filter			
1.3	Air cleaner	Clean the element and examine (Replace every 1000hrs)			
1.4	Fuel water separator	Drain and replace filter element			
1.5	Fuel filter	Replace filter (Replace every 500hrs)			
1.6	Pre-filter element	Drain water & clean if necessary			
1.7	Fuel lines	Inspect for leakages			
1.8	Fuel pump / Injectors	Examine for leak and ensure security (Service every 6000 hrs)			
1.9	Fuel hoses & clips	Check for leakage & security (Replace every 2000 hrs)			
1.10	Fan hub and drive pulley	Examine and ensure security			
1.11	Fan guard	Examine and ensure security			
1.12	All Drive Belts	Examine for wear and tension (Replace every 2000 hrs)			
1.13	Radiator Core	Clean			
1.14	Radiator	Drain and replace coolant (Replace coolant every 2 years)			
1.15	Radiator Cap	Examine and ensure security			
1.16	Water pump	Examine			
1.17	Water hoses & clips	Check for leakage & security			
1.18	Alternator	Examine and ensure security			
1.19	Starter motor	Examine and ensure security			
1.20	Exhaust Silencer /Pipes	Examine for cracks, damage & security			
1.21	Emergency shut down	Test			
1.22	Vibration damper	Examine signs of deterioration			
1.23	Charge-Air-Cooler pipe and hose	Check for leakage, cracks & security			
1.24	Charge-Air-Cooler	Examine and ensure no dirt or debris blocking the fins			
1.24	Engine and Generator mounting	Examine for deterioration and security			
<b>2 BATTERY</b>					
2.1	Battery	Check Voltage (charge if necessary)			
2.2	Battery Terminal	Examine and clean			
2.3	Battery cables	Examine signs of deterioration and exposed wires Replace as necessary			
<b>3 GENERATOR / ELECTRICAL SYSTEM</b>					
3.1	Panel lightings and other lightings	Ensure serviceability			
3.2	Unit operation and low fuel beacons	Ensure serviceability			
3.3	Chassis	Corrosion treatment and touch up painting			
3.4	Control panel and panel door.	Examine			
3.5	Cable plug connections / cables	Check cuts, crack and abrasion / Check operation (replace as necessary)			
3.6	NATO plug AC cable	Examine contact rings for exposure/wear/abrasion /damage			
		Check socket contacts for looseness			
		Examine cable for damage insulation			
		Check for worn or bent pin			
3.7	Gauges	Ensure serviceability and Damage			
3.8	Protective Monitoring Circuits	Ensure serviceability and Damage			

3.9	Automatic Voltage Regulator (AVR)	Check for operation																			
3.10	Electronic Engine Governor (EMR)	Check for operation																			
3.11	Wiring and connections	Check for loose connections, signs of deterioration and exposed wires																			
3.12	Warning Lights, Switches and Fuse	Ensure serviceability and Damage																			
3.13	All Control PCB Cards	Examine for connections & security																			
<b>4 FRONT WHEEL</b>																					
4.1	Tyre L / H	Check wear ( replace if necessary)																			
4.2	Tyre R / H	Check wear ( replace if necessary)																			
4.3	Rims	Check condition																			
4.4	Tyres pressure	Check and inflate correct pressure																			
4.5	Wheel studs and nuts	Check and tighten																			
4.6	Brake linkage	Lubricate																			
4.7	Brake system	Service and check for effectiveness																			
4.8	Brake cables	Lubricate																			
4.9	Wheel bearings	Examine (replace if necessary)																			
4.10	Tongue hinge	Lubricate																			
<b>5 REAR WHEEL</b>																					
5.1	Tyre L / H	Check wear ( replace if necessary)																			
5.2	Tyre R / H	Check wear ( replace if necessary)																			
5.3	Rims	Check condition																			
5.4	Tyres pressure	Check and inflate correct pressure																			
5.5	Wheel studs and nuts	Check and tighten																			
5.6	Wheel bearings	Examine (replace if necessary)																			
<b>6 BODYWORK / STRUCTURE</b>																					
6.2	Dent/ accident	Examine																			
6.3	Structural crack (external)	Examine																			
6.4	Body and paint work	Corrosion treatment and touch up painting																			
6.5	Fire Extinguisher (Condition & Expiry Date)	Check/Replace																			
<b>7 FUNCTIONAL CHECK</b>																					
7.1	Engine meters	Ensure all meters are functional																			
7.2	E-F bypass system	Ensure the E-F bypass is functional																			
7.3	Output voltage	Ensure it is set at 28 VAC																			
7.4	Operation Test	Physical and functional check																			
7.5	Load test	Perform a full load test																			
<b>8 FOD CHECK</b>																					
8.1	Examine and ensure unit is free of FOD																				
8.2	Overall cleanliness																				
<b>9 REMARKS :</b>																					
OEM - recommended checks for 250hrs are carried out during weekly checks, updated checklist is kept at work bay.																					
<table style="width: 100%; border: none;"> <tr> <td style="width: 45%;">SERVICED BY :</td> <td style="width: 5%; border-bottom: 1px solid black;"></td> <td style="width: 45%;">SERVICED BY :</td> <td style="width: 5%; border-bottom: 1px solid black;"></td> </tr> <tr> <td>SIGN :</td> <td style="border-bottom: 1px solid black;"></td> <td>SIGN :</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td>NAME :</td> <td style="border-bottom: 1px solid black;"></td> <td>NAME :</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td>DATE :</td> <td style="border-bottom: 1px solid black;"></td> <td>DATE :</td> <td style="border-bottom: 1px solid black;"></td> </tr> </table>						SERVICED BY :		SERVICED BY :		SIGN :		SIGN :		NAME :		NAME :		DATE :		DATE :	
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