## CONSTRUCT ENGINEERING



A DRA Company

31 Cutler Road Jandakot 6164 Western Australia Tel: + 61-8-9417-2300

Fax: + 61-8-9417-3001

Web: www.dragroup.com.au

## **Humma Cranes Major Inspection Criteria**

Humma cranes are to have a Major Inspection completed in line with AS 2550.5 2016 and AS 2550.1 2016. If no data logging of the cranes lifting history (load spectrum) is available then the inspection should be carried out at 15,000 hours or 15 years, whichever occurs first. Some construction and mine sites may require this completed at 10 years, but this is based on a Franna crane requirement.

12 Monthly inspections over the life of the crane are to be completed by a Competent Person who checks the cranes mechanical and structural (visually) condition. The recommended procedure is for a Cranesafe "green sticker" inspection to be completed as this covers these aspects. This provides the Competent Person overseeing the Major Inspection insight into the cranes history and any previous repairs. Please refer to your state for requirements of a Competent Person.

During the Major Inspection, it is important to keep as much photo evidence as possible of the work completed and parts used. This will be compiled into the final report which should be kept with the crane for future reference.

Once the Major Inspection is completed structural testing to 125% and winch static brake testing to 110% should be completed. We recommend a Cranesafe inspection as this will cover all aspects of the test and will log into the Cranesafe system that the crane has had a Major Inspection completed.

Inspection requirements are on the following page.



Major Inspection work required.

1	Ensure yearly maintenance schedule completed.
2	Ensure annual inspection completed as per attached checklist. Complete repairs as
	required.
3	Strip boom assembly and complete inspection below:
	Check all boom sections for straightness and damage.  NDT all boom section and sheave head welds.  Replace extension ropes and retract chains.  Replace all wear pads.  Inspect extension system for damage and/or wear. Replace parts as required.
4	Remove Winch assembly and replace with new gearbox motor assembly or strip and
	inspect as per below requirements:
	Strip down winch assembly. Strip gearbox, replace all seals, brake friction and steel discs. Crack test gears and pins. Leak test hydraulic motor. NDT Winch drum. Replace Bronze bush.
5	NDT critical areas of crane structure as per below:
	Front chassis (remove cabin or raise cabin to access)
	Rear chassis Rims (preferred method is for blast off paint and MPI)
6	Replace all hydraulic hoses in steering circuit.
7	Inspect and replace rubber flexible brake hoses from chassis to axle.
8	Complete Structural 125% load test and winch brake test 110%.
9	Document all results and photos into report with details of Competent Person and
	company performing major inspection.
10	Fit Inspection plate to crane with details of report, date and crane serial.

For further information please contact Humma Cranes.

31 Cutler Road Jandakot, Perth WA, 6164 Tel: +61/8/9417 2300 Fax: +61-8-9417 3001 E-mail:sales@draconstruct.com.au



## **CONSTRUCT ENGINEERING**

A DRA Company

## **HUMMA CRANES INSPECTION LIST**

A.B.N. 59 009 098 382

31 Cutler Road Jandakot 6164 Western Australia Tel: + 61-8-9417-2300 Web: www.dragroup.com.au Email: sales@draconstruct.com

Crane Owner:			Plant No.:	
Crane Serial No.:		_	Job No.:	
Manufacture Date: / /		_	KM's:	
			Hours:	
Owners Address:		_	-	
Plant Address:				
Representative:				
Inspection Date: / /				
-				
Name of Competent Person:				
Address of Competent Person:		Phone No	: .	
Professional Engineering qu	ualification, membership of profession ualification and crane industry experi and crane industry experience	onal organisation and carne industry ience	experience	
Competent Person Signature:  Comments:		Date	1 1	
	-			



Page 1 Inspection List.xls

		A. ENGINE			
ГЕМ	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
1	Oil Level				
2	Oil Condition				
3	Oil Pressure (Gauge Reading)				
4	Exhaust Smoke at Idle				
5	Exhaust Smoke Under Load				
6	Oil Leakage				
7	Unusual Noise/s				
	Exhaust System				
9	Exhaust Discharge away from Operator/AC				
	Air Intake System				
11	Air Filter Condition				
12	Engine Mounts				
13	Radiator Condition				
14	Coolant Level and Condition				
15	Radiator Mounts and Guards				
16	Condition of all Hoses				
17	Condition of Belts and Guards				
	Fuel Lines				
19	Fuel Filters / Sediment Traps				
20	Cooling Fan Condition				
	Oil Filter				
22	Coolant Filter				
	Check Exhaust Piping				
	Check Muffler Condition and Mount				
	Check Intercooler for Cracks				
	Check Intercooler Piping				
27	Check Engine Fault Lights				
ddition	al Comments on Engine Section:				



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	B. TRANSI	MISSION & TRA	NSFER C	ASE	
ЕМ	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
	Oil Level				
	Oil Condition				Sample Taken -Yes/No
	Dipstick and Tube Condition				
	Converter Temperature Gauge				
5	Oil Leakage				
	Oil Cooler Condition				
	Oil Cooler Hoses				
	Quality of Shift				
	Muncie PTO disconnect operation				
	Neutral Start Switch Operation				
11	Gear Shift (Manual Transmission)				
	Operation / Gear Selection				
13	Control Mechanisms				
	Mounts / Supports/ Bolts				
15	Unusual Noise/s				
16	Condition of Hoses				
17	2WD / 4WD Operation				
10	Hi / Low Range operation				
	al Comments on Transmission & Transfer Case	Section:			
		Section: ONT AXLE ASS	SEMBLY		
ddition	C. FR	ONT AXLE ASS		DNU	COMMENTS/ACTION
ddition	C. FR DESCRIPTION		SEMBLY REP	DNU	COMMENTS/ACTION
ddition	C. FR  DESCRIPTION  Alignment	ONT AXLE ASS		DNU	COMMENTS/ACTION
EEM 1	C. FR  DESCRIPTION  Alignment Suspension Bolts and Nuts	ONT AXLE ASS		DNU	COMMENTS/ACTION
TEM 1 2 3	C. FR  DESCRIPTION  Alignment Suspension Bolts and Nuts  Axle Radius Arms and Bushes	ONT AXLE ASS		DNU	COMMENTS/ACTION
EM 1 2 3 4	C. FR  DESCRIPTION  Alignment Suspension Bolts and Nuts  Axle Radius Arms and Bushes  Differential Centre and Bolts	ONT AXLE ASS		DNU	COMMENTS/ACTION
TEM 1 2 3 4 5 5	C. FR  DESCRIPTION  Alignment Suspension Bolts and Nuts  Axle Radius Arms and Bushes  Differential Centre and Bolts  Axles (half shafts)	ONT AXLE ASS		DNU	COMMENTS/ACTION
TEM 1 2 3 4 5 6	C. FR  DESCRIPTION  Alignment Suspension Bolts and Nuts  Axle Radius Arms and Bushes  Differential Centre and Bolts  Axles (half shafts)  Oil Level and Condition	ONT AXLE ASS		DNU	COMMENTS/ACTION
TEM 1 2 3 4 5 5 6 7 7	DESCRIPTION  Alignment Suspension Bolts and Nuts  Axle Radius Arms and Bushes Differential Centre and Bolts  Axles (half shafts) Oil Level and Condition Shock Absorbers and Mounts	ONT AXLE ASS		DNU	COMMENTS/ACTION
TEM 1 2 3 4 4 5 5 6 6 7 8 8	DESCRIPTION  Alignment Suspension Bolts and Nuts Axle Radius Arms and Bushes Differential Centre and Bolts Axles (half shafts) Oil Level and Condition Shock Absorbers and Mounts Height Control Valve and Linkages	ONT AXLE ASS		DNU	COMMENTS/ACTION
TEM 1 2 3 4 5 5 6 6 7 7 8 9 9	DESCRIPTION  Alignment Suspension Bolts and Nuts Axle Radius Arms and Bushes Differential Centre and Bolts Axles (half shafts) Oil Level and Condition Shock Absorbers and Mounts Height Control Valve and Linkages Lock Out Pin Functioning and Greased	ONT AXLE ASS		DNU	COMMENTS/ACTION
TEM 1 2 3 4 5 6 6 7 8 9 1 1 0	DESCRIPTION  Alignment Suspension Bolts and Nuts Axle Radius Arms and Bushes Differential Centre and Bolts Axles (half shafts) Oil Level and Condition Shock Absorbers and Mounts Height Control Valve and Linkages Lock Out Pin Functioning and Greased Hub Seals and Bearings	ONT AXLE ASS		DNU	COMMENTS/ACTION
TEM  1 2 3 4 5 6 7 8 9 10 11	DESCRIPTION  Alignment Suspension Bolts and Nuts Axle Radius Arms and Bushes Differential Centre and Bolts Axles (half shafts) Oil Level and Condition Shock Absorbers and Mounts Height Control Valve and Linkages Lock Out Pin Functioning and Greased Hub Seals and Bearings Drive Shafts and U/J	ONT AXLE ASS		DNU	COMMENTS/ACTION
TEM 1 2 3 4 5 6 7 8 9 10 11 12	DESCRIPTION  Alignment Suspension Bolts and Nuts Axle Radius Arms and Bushes Differential Centre and Bolts Axles (half shafts) Oil Level and Condition Shock Absorbers and Mounts Height Control Valve and Linkages Lock Out Pin Functioning and Greased Hub Seals and Bearings Drive Shafts and U/J Articulation Shaft, U/J and Jack Shaft	ONT AXLE ASS		DNU	COMMENTS/ACTION
TEM 1 2 3 4 5 6 7 8 9 10 11 12 13	C. FR  DESCRIPTION  Alignment Suspension Bolts and Nuts  Axle Radius Arms and Bushes Differential Centre and Bolts  Axles (half shafts) Oil Level and Condition Shock Absorbers and Mounts Height Control Valve and Linkages Lock Out Pin Functioning and Greased Hub Seals and Bearings Drive Shafts and U/J Articulation Shaft, U/J and Jack Shaft Oil Leaks	ONT AXLE ASS		DNU	COMMENTS/ACTION
TEM  1 2 3 4 5 6 7 8 9 10 11 12 13 14	C. FR  DESCRIPTION  Alignment Suspension Bolts and Nuts Axle Radius Arms and Bushes Differential Centre and Bolts Axles (half shafts) Oil Level and Condition Shock Absorbers and Mounts Height Control Valve and Linkages Lock Out Pin Functioning and Greased Hub Seals and Bearings Drive Shafts and U/J Articulation Shaft, U/J and Jack Shaft Oil Leaks Airbag Operation and Condition	ONT AXLE ASS		DNU	COMMENTS/ACTION
TEM  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	C. FR  DESCRIPTION  Alignment Suspension Bolts and Nuts  Axle Radius Arms and Bushes Differential Centre and Bolts  Axles (half shafts) Oil Level and Condition Shock Absorbers and Mounts Height Control Valve and Linkages Lock Out Pin Functioning and Greased Hub Seals and Bearings Drive Shafts and U/J Articulation Shaft, U/J and Jack Shaft Oil Leaks	ONT AXLE ASS		DNU	COMMENTS/ACTION



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	E. REAR	AXLE ASS	EMBLY		
TEM	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
	Alignment				
2	Suspension Bolts and Nuts				
3	Axle Radius Arms and Bushes				
4	Differential Centre and Bolts				
5	Axles (half shafts)				
6	Oil Level and Condition				
7	Shock Absorbers and Mounts				
8	Height Control Valve and Linkages				
9	Diff Lock Operating and Oiled				
	Hub Seals and Bearings				
11	Drive Shafts and U/J				
12	U/J and Driveshaft				
	Oil Leaks				
	Check Brake Linkages				
	Check Brake Chambers				
	Airbag Operation and Condition				
Addition	al Comments on Rear Axle Assembly				
	F. STE	ERING SYS	TERA		
	1		I EIVI		
	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
	DESCRIPTION Steering Wheel			DNU	COMMENTS/ACTION
1	DESCRIPTION Steering Wheel Orbitrol Operation			DNU	COMMENTS/ACTION
1 2 3	DESCRIPTION Steering Wheel Orbitrol Operation Oil Leaks			DNU	COMMENTS/ACTION
1 2 3 4	DESCRIPTION Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points			DNU	COMMENTS/ACTION
1 2 3 4 5	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings			DNU	COMMENTS/ACTION
1 2 3 4 5	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition			DNU	COMMENTS/ACTION
1 2 3 4 5 6	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates			DNU	COMMENTS/ACTION
1 2 3 4 5 6 7	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering)			DNU	COMMENTS/ACTION
1 2 3 4 5 6 7	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates			DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering)			DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering) Emergency Steering Operation			DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering) Emergency Steering Operation			DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering) Emergency Steering Operation			DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering) Emergency Steering Operation al Comments on Steering System:		REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9 Addition	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering) Emergency Steering Operation al Comments on Steering System:  G. ARTIC	OK	AREA		
1 2 3 4 5 6 7 8 9 Addition	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering) Emergency Steering Operation al Comments on Steering System:  G. ARTIC	OK	REP	DNU	COMMENTS/ACTION  COMMENTS/ACTION
1 2 3 4 5 6 7 8 9 Addition	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering) Emergency Steering Operation al Comments on Steering System:  G. ARTIC  DESCRIPTION  Movement in Bearings	OK	AREA		
1 2 3 4 5 6 7 8 9 Addition	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering) Emergency Steering Operation al Comments on Steering System:  DESCRIPTION  Movement in Bearings Pins, Nuts and Keeper Plates	OK	AREA		
1 2 3 4 5 6 7 8 9 Addition	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering) Emergency Steering Operation al Comments on Steering System:  G. ARTIC  DESCRIPTION  Movement in Bearings Pins, Nuts and Keeper Plates Lubrication System	OK	AREA		
1 2 3 4 5 6 7 8 9 Addition	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering) Emergency Steering Operation al Comments on Steering System:  G. ARTIC  DESCRIPTION  Movement in Bearings Pins, Nuts and Keeper Plates Lubrication System Condition of Hoses in Centre Pivot Area	OK	AREA		
1 2 3 4 5 6 7 8 9 Addition 1 2 3 4	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering) Emergency Steering Operation al Comments on Steering System:  DESCRIPTION  Movement in Bearings Pins, Nuts and Keeper Plates Lubrication System Condition of Hoses in Centre Pivot Area Articulation Sensor and Plate	OK	AREA		
1 2 3 4 5 6 7 8 9 Addition	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering) Emergency Steering Operation al Comments on Steering System:  G. ARTIC  DESCRIPTION  Movement in Bearings Pins, Nuts and Keeper Plates Lubrication System Condition of Hoses in Centre Pivot Area Articulation Sensor and Plate Electrical Harness Condition	OK	AREA		
1 2 3 4 5 6 7 8 9 Addition 1 2 3 4 5	DESCRIPTION  Steering Wheel Orbitrol Operation Oil Leaks Steering Cylinder Anchor Points Steering Anchor Pins and Bearings Steering Cylinders Condition Steering Cylinders Clevis and Keeper Plates Condition of all Hoses (inc. emergency steering) Emergency Steering Operation al Comments on Steering System:  DESCRIPTION  Movement in Bearings Pins, Nuts and Keeper Plates Lubrication System Condition of Hoses in Centre Pivot Area Articulation Sensor and Plate	OK	AREA		



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		H. AIR SYSTE	M		
TEM	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
	All Reservoirs Condition		112		
	Air Reservoirs Manual Drain Valves				
3	Air Leaks				
4	Air Pressure Gauges - System Pressure				
	Condition of all Air Lines				
	Air Compressor Condition				
	Dump Valve Functioning (rear tank)				
	Air Compressor Condition				
<b>\ddition</b>	al Comments on Air System:				
	I. W	HEELS AND T	YRES		
ГЕМ	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
1	Tyre Condition: Spare				
	LHF RHF				
	LHR RHR				
	Tyre Pressures (120psi front, 100psi rear)				
	Wheel Cleats ands Nuts (torque 650 NM)				
	Wheel Rims Condition				
Addition	al Comments on Wheels and Tyres Section				
	J.	BRAKE SYST	EM		
ГЕМ	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
	Service Brake Operation				
	Performance				
	Lining Thickness				
	Park Brake Operation				
	Holding Brake Operation				
	Condition of all Hoses				
	Slack Adjusters Adjusted				
	Pedal Foot Valve Condition				
	Brake Valves Condition				
ddition	al Comments on Steering System:				



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	K. ELE	CTRICAL SY	STEM		
ITEM	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
1	Operation of all Wiring and routing				
2	Operation of Head, Tail / Park Lights				
3	Operation of Clearance Lights				
4	Operation of Indicators and Hazard Lights				
5	Operation of all Work Lights				
6	Operation of all Switches				
7	Operation of Air Con.				
8	Operation of Heater/Demister				
9	Operation of Wipers / Washers				
10	Operation of all Gauges / Instrumentation				
11	Operation of Low Air Light / Buzzer				
	Operation of Exhaust Brake				
13	Operation of Reverse Alarm				
14	Operation of Emergency Steering System				
15	Condition of Boom Conduit and Wiring				
16	Operation of Horn				
17	Operation of Override Switches				
18	Operation of Reversing Camera				
19	Operation of Radio (if fitted)				
20	Operation of Emergency Stop Switch (if fitted)				
	al Comments on Electrical System:	•	•	•	
	L. HY	DRAULIC GI	ROUP		
ITEM	DESCRIPTION	ОК	REP	DNU	COMMENTS/ACTION
	Hydraulic Reservoir Condition				
	Hydraulic Oil Level				
	Hydraulic Oil Condition				
	Condition off All Hoses				
	Routing off All Hoses				
	Pumps Coupling and Mounting				
7	Steering performance at idle engine speed				
	Check for Oil Leaks at all Cylinders				
	Check for Oil Leaks at all Valves				
10	Condition of Extension Cylinder Hoses				
	Operation of all Valves				
12	Operation of all Valves				
	Other Oil Leaks				
14	Reservoir Filler Cap and Breather				
	Disconnect Operational				



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	W. CHA	SSIS / BODY	- FRONT	,	
TEM	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
1 (	Check For Cracks in Chassis				
2 (	Check for Chassis Damage				
	Inspect Towing and Lifting Points				
	Panel Damage				
5	Tackle box doors				
6 1	Bumper and spreader bar mounts (if fitted)				
7	Mudflaps and Brackets				
	Doors, Hinges and Locks				
9	Door Seals				
10	Door Window Locks and Catches				
11 (	Cabin Fixed Window and Sealing				
12	Side Mirrors				
13	Seats and Adjusters				
14	Seat Belts				
15 l	Pedal Condition				
16 l	Levers Condition				
	Load Chart Supplied in Cabin and Condition				
	Floor Mats				
19	General Appearance Inside Cab				
20	Water Leakage				
21	Air seat operation				
	Il Comments on Chassis / Body Front	•	•	•	



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	II. OHAC	SIS / BODY	- KEAK		
ITEM	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
	Check For Cracks in Chassis	UK	KEF	DNO	COMMENTS/ACTION
	Check for Chassis Damage				
	Inspect Towing and Lifting Points				
	Mudflaps and Brackets				
	Panel Damage				
	Toolbox doors				
	Hydraulic Tank Breather				
	Fuel tank and Cap				
	Battery Box, Clamps and Terminals				
	Counterweight box and lid				
	Engine Covers				
	Transmission Cover				
	Fuel and Hydraulic Tank Inspection Covers				
	Air Filter Mounts				
	Exhaust Muffler Mounts				
Addition	al Comments on Chassis / Body - Rear				
		O. Boom1			
ITEM	DESCRIPTION	O. Boom1	REP	DNU	COMMENTS/ACTION
	DESCRIPTION		REP	DNU	COMMENTS/ACTION
1	DESCRIPTION Structure / Visual Checks		REP	DNU	COMMENTS/ACTION
1 2	DESCRIPTION Structure / Visual Checks Wear Pads and Adjustment		REP	DNU	COMMENTS/ACTION
1 2 3	DESCRIPTION Structure / Visual Checks Wear Pads and Adjustment Rear Pivot Bearing and Pins		REP	DNU	COMMENTS/ACTION
1 2 3 4	DESCRIPTION Structure / Visual Checks Wear Pads and Adjustment Rear Pivot Bearing and Pins Winch Sheave Assembly and Pin		REP	DNU	COMMENTS/ACTION
1 2 3 4 5	DESCRIPTION  Structure / Visual Checks  Wear Pads and Adjustment  Rear Pivot Bearing and Pins  Winch Sheave Assembly and Pin  Hydraulic retract reel and hose condition.		REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6	DESCRIPTION  Structure / Visual Checks  Wear Pads and Adjustment  Rear Pivot Bearing and Pins  Winch Sheave Assembly and Pin  Hydraulic retract reel and hose condition.  Extension Cylinder Keeper Plates		REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6	DESCRIPTION  Structure / Visual Checks  Wear Pads and Adjustment Rear Pivot Bearing and Pins  Winch Sheave Assembly and Pin  Hydraulic retract reel and hose condition.  Extension Cylinder Keeper Plates  Luff Cylinder Top Bearings and Pins		REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6 7	DESCRIPTION  Structure / Visual Checks  Wear Pads and Adjustment Rear Pivot Bearing and Pins  Winch Sheave Assembly and Pin  Hydraulic retract reel and hose condition.  Extension Cylinder Keeper Plates  Luff Cylinder Top Bearings and Pins  Luff Cylinder Lower Bearings and Pins		REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8	DESCRIPTION  Structure / Visual Checks  Wear Pads and Adjustment  Rear Pivot Bearing and Pins  Winch Sheave Assembly and Pin  Hydraulic retract reel and hose condition.  Extension Cylinder Keeper Plates  Luff Cylinder Top Bearings and Pins  Luff Cylinder Lower Bearings and Pins  Check rope deflection roller		REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9	DESCRIPTION  Structure / Visual Checks  Wear Pads and Adjustment  Rear Pivot Bearing and Pins  Winch Sheave Assembly and Pin  Hydraulic retract reel and hose condition.  Extension Cylinder Keeper Plates  Luff Cylinder Top Bearings and Pins  Luff Cylinder Lower Bearings and Pins  Check rope deflection roller  Boom Lights and Conduits		REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9	DESCRIPTION  Structure / Visual Checks  Wear Pads and Adjustment  Rear Pivot Bearing and Pins  Winch Sheave Assembly and Pin  Hydraulic retract reel and hose condition.  Extension Cylinder Keeper Plates  Luff Cylinder Top Bearings and Pins  Luff Cylinder Lower Bearings and Pins  Check rope deflection roller		REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9	DESCRIPTION  Structure / Visual Checks  Wear Pads and Adjustment  Rear Pivot Bearing and Pins  Winch Sheave Assembly and Pin  Hydraulic retract reel and hose condition.  Extension Cylinder Keeper Plates  Luff Cylinder Top Bearings and Pins  Luff Cylinder Lower Bearings and Pins  Check rope deflection roller  Boom Lights and Conduits		REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9	DESCRIPTION  Structure / Visual Checks  Wear Pads and Adjustment  Rear Pivot Bearing and Pins  Winch Sheave Assembly and Pin  Hydraulic retract reel and hose condition.  Extension Cylinder Keeper Plates  Luff Cylinder Top Bearings and Pins  Luff Cylinder Lower Bearings and Pins  Check rope deflection roller  Boom Lights and Conduits		REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9	DESCRIPTION  Structure / Visual Checks  Wear Pads and Adjustment  Rear Pivot Bearing and Pins  Winch Sheave Assembly and Pin  Hydraulic retract reel and hose condition.  Extension Cylinder Keeper Plates  Luff Cylinder Top Bearings and Pins  Luff Cylinder Lower Bearings and Pins  Check rope deflection roller  Boom Lights and Conduits		REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9	DESCRIPTION  Structure / Visual Checks  Wear Pads and Adjustment  Rear Pivot Bearing and Pins  Winch Sheave Assembly and Pin  Hydraulic retract reel and hose condition.  Extension Cylinder Keeper Plates  Luff Cylinder Top Bearings and Pins  Luff Cylinder Lower Bearings and Pins  Check rope deflection roller  Boom Lights and Conduits		REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9	DESCRIPTION  Structure / Visual Checks  Wear Pads and Adjustment  Rear Pivot Bearing and Pins  Winch Sheave Assembly and Pin  Hydraulic retract reel and hose condition.  Extension Cylinder Keeper Plates  Luff Cylinder Top Bearings and Pins  Luff Cylinder Lower Bearings and Pins  Check rope deflection roller  Boom Lights and Conduits		REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9	DESCRIPTION  Structure / Visual Checks  Wear Pads and Adjustment  Rear Pivot Bearing and Pins  Winch Sheave Assembly and Pin  Hydraulic retract reel and hose condition.  Extension Cylinder Keeper Plates  Luff Cylinder Top Bearings and Pins  Luff Cylinder Lower Bearings and Pins  Check rope deflection roller  Boom Lights and Conduits		REP	DNU	COMMENTS/ACTION

TEM	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
	Structure / Visual Checks	UK	KEF	DNO	COMMENTS/ACTION
	Wear Pads and Adjustment		1		
	Check rope deflection roller				
	Check sliding hook mounts and pin condition				
	Check that extension ropes have been tightened				
	String Line and Check for Bend				
	al Comments on Boom2		•		



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		Q. BOOM3		1	
TEM	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
	Structure / Visual Checks				
	Wear Pads and Adjustment				
	Check rope deflection roller				
5	String Line and Check for Bend				
ddition	al Comments on Boom3				
		R. BOOM4			
ГЕМ	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
	Structure / Visual Checks				
	Wear Pads and Adjustment				
	Check rope deflection roller				
	Check extension rope sheaves are greased				
	String Line and Check for Bend				
ddition	al Comments on Boom / Jib - Manual Section or Th	ird Section			
	S. Y	WINCH GRO	UP	1	
ГЕМ				DNU	COMMENTS/ACTION
	DESCRIPTION	OK	REP	DNU	COMMENTS/ACTION
1	DESCRIPTION Visual checks on winch mounts and bolts			DNU	COMMENTS/ACTION
1 2	DESCRIPTION Visual checks on winch mounts and bolts Gearbox unit oil level			DNU	COMMENTS/ACTION
1 2 3	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition			DNU	COMMENTS/ACTION
1 2 3 4	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor			DNU	COMMENTS/ACTION
1 2 3 4 5	DESCRIPTION  Visual checks on winch mounts and bolts Gearbox unit oil level Drum and Bronze Bush Condition Winch Rope Anchor Winch Brake Operation			DNU	COMMENTS/ACTION
1 2 3 4 5	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise			DNU	COMMENTS/ACTION
1 2 3 4 5 6	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves			DNU	COMMENTS/ACTION
1 2 3 4 5 6 7	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines			DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication			DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition			DNU	COMMENTS/ACTION
1 2 3 4 5 6 6 7 7 8 9	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction			DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9 10 11	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation			DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9 10 11	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction			DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9 10 11	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation			DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9 10 11	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation			DNU	COMMENTS/ACTION
2 3 4 5 6 7 8 9 10 11	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation  al Comments on Winch Group	OK	REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9 10 11	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation  al Comments on Winch Group		REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9 10 11 12 ddition	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation  al Comments on Winch Group  T.  DESCRIPTION	OK	REP	DNU	COMMENTS/ACTION
1 2 3 4 5 6 7 8 9 10 11 12 addition	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation  al Comments on Winch Group  T.  DESCRIPTION  SWL Stamped on Fall Block	HOOK BLOC	REP		
1 2 3 4 5 6 7 8 9 10 11 12 Addition	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation  al Comments on Winch Group  T.  DESCRIPTION  SWL Stamped on Fall Block  Fall Block Condition	HOOK BLOC	REP		
1 2 3 4 5 6 7 8 9 10 11 12 Addition	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation  al Comments on Winch Group  T.  DESCRIPTION  SWL Stamped on Fall Block	HOOK BLOC	REP		
1 2 3 4 5 6 7 8 9 10 11 12 Addition	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation  al Comments on Winch Group  T.  DESCRIPTION  SWL Stamped on Fall Block  Fall Block Condition	HOOK BLOC	REP		
1 2 3 4 5 6 7 8 9 10 11 12 ddition	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation  al Comments on Winch Group  T.  DESCRIPTION  SWL Stamped on Fall Block  Fall Block Condition  Sheave Assembly Bearings and Pins  Check Sheave Condition	HOOK BLOC	REP		
1 2 3 4 5 6 7 8 9 10 11 12 Addition	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation  al Comments on Winch Group  T.  DESCRIPTION  SWL Stamped on Fall Block  Fall Block Condition  Sheave Assembly Bearings and Pins  Check Sheave Condition  Rope Retaining Pins Condition	HOOK BLOC	REP		
11 22 33 44 55 66 77 88 99 100 111 122 Addition	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation  al Comments on Winch Group  T.  DESCRIPTION  SWL Stamped on Fall Block  Fall Block Condition  Sheave Assembly Bearings and Pins  Check Sheave Condition  Rope Retaining Pins Condition  Rope Anchor and Pin	HOOK BLOC	REP		
1 2 3 4 5 6 7 8 9 10 11 12 Addition	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation  al Comments on Winch Group  T.  DESCRIPTION  SWL Stamped on Fall Block  Fall Block Condition  Sheave Assembly Bearings and Pins  Check Sheave Condition  Rope Retaining Pins Condition  Rope Anchor and Pin  Hook Pin and Pin Hole	HOOK BLOC	REP		
1 2 3 4 5 6 7 8 9 10 11 12 Addition	DESCRIPTION  Visual checks on winch mounts and bolts  Gearbox unit oil level  Drum and Bronze Bush Condition  Winch Rope Anchor  Winch Brake Operation  Winch Motor Operation and Abnormal Noise  Winch Valves  Condition of all Hydraulic Lines  Winch Rope Lubrication  Winch Rope Condition  Winch Rope Size and Construction  2 Speed Operation  al Comments on Winch Group  T.  DESCRIPTION  SWL Stamped on Fall Block  Fall Block Condition  Sheave Assembly Bearings and Pins  Check Sheave Condition  Rope Retaining Pins Condition  Rope Anchor and Pin	HOOK BLOC	REP		



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ГЕМ	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
	1 Hook	OK	IXEI	DIVO	OOMMENTO/AOTION
	Condition Of Hook and Swivel				
	Condition of Safety Latch				
	2 Rhino Hook				
	Condition of pins				
	Condition of Safety Latch				
Additic	nal Comments on Winch Group	<u>'</u>	-U	· · · · · · · · · · · · · · · · · · ·	
	V. AE	DDITIONAL OP	TIONS		
TEM	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION
	1 Fly Jib				
	Condition and Damage				
	2 Spreader Bar				
	Condition and Damage				
	3 Man Basket				
	3 Man Basket Condition and Damage				
	3 Man Basket				
	3 Man Basket Condition and Damage				
	3 Man Basket Condition and Damage				
	3 Man Basket Condition and Damage nal Comments on Additional Options	. SAFETY GRO	DUP		
Addition	3 Man Basket Condition and Damage nal Comments on Additional Options  W  DESCRIPTION	. SAFETY GRO	DUP	DNU	COMMENTS/ACTION
Additic	3 Man Basket Condition and Damage nal Comments on Additional Options  W  DESCRIPTION 1 LMI Operation and Calibration			DNU	COMMENTS/ACTION
\dditic	3 Man Basket Condition and Damage nal Comments on Additional Options  W  DESCRIPTION 1 LMI Operation and Calibration 2 Anti 2 Block Operation			DNU	COMMENTS/ACTION
\dditic	Man Basket  Condition and Damage nal Comments on Additional Options  W  DESCRIPTION  LMI Operation and Calibration Anti 2 Block Operation  LMI - Electronic Boom Length Operation			DNU	COMMENTS/ACTION
Addition TEM	Man Basket  Condition and Damage nal Comments on Additional Options  W  DESCRIPTION  LMI Operation and Calibration Anti 2 Block Operation LMI - Electronic Boom Length Operation Boom Length Stickers			DNU	COMMENTS/ACTION
Addition TEM	Man Basket  Condition and Damage nal Comments on Additional Options  W  DESCRIPTION  1 LMI Operation and Calibration 2 Anti 2 Block Operation 3 LMI - Electronic Boom Length Operation 4 Boom Length Stickers 5 Manual Boom Angle Indicator			DNU	COMMENTS/ACTION
Additio	Man Basket  Condition and Damage nal Comments on Additional Options  W  DESCRIPTION  1 LMI Operation and Calibration 2 Anti 2 Block Operation 3 LMI - Electronic Boom Length Operation 4 Boom Length Stickers 5 Manual Boom Angle Indicator 6 Inclometer Condition			DNU	COMMENTS/ACTION
\dditic	Man Basket Condition and Damage nal Comments on Additional Options  W  DESCRIPTION  LMI Operation and Calibration Anti 2 Block Operation LMI - Electronic Boom Length Operation Boom Length Stickers Manual Boom Angle Indicator Inclometer Condition Articulation Lights Operation if Fitted			DNU	COMMENTS/ACTION
Addition TEM	Man Basket  Condition and Damage nal Comments on Additional Options  W  DESCRIPTION  LMI Operation and Calibration Anti 2 Block Operation LMI - Electronic Boom Length Operation Boom Length Stickers Manual Boom Angle Indicator Inclometer Condition Articulation Lights Operation if Fitted Electric Hazard and Safety Decals			DNU	COMMENTS/ACTION
Addition	Man Basket Condition and Damage nal Comments on Additional Options  W  DESCRIPTION  LMI Operation and Calibration Anti 2 Block Operation  LMI - Electronic Boom Length Operation  Boom Length Stickers  Manual Boom Angle Indicator Inclometer Condition Articulation Lights Operation if Fitted Electric Hazard and Safety Decals Load Chart Fitted or Available in Cabin			DNU	COMMENTS/ACTION
Addition 1	Man Basket Condition and Damage nal Comments on Additional Options  DESCRIPTION  LMI Operation and Calibration Anti 2 Block Operation  LMI - Electronic Boom Length Operation  Boom Length Stickers  Manual Boom Angle Indicator  Inclometer Condition  Articulation Lights Operation if Fitted  Electric Hazard and Safety Decals  Load Chart Fitted or Available in Cabin Operators Manual			DNU	COMMENTS/ACTION
Addition 1	Man Basket Condition and Damage nal Comments on Additional Options  DESCRIPTION  LMI Operation and Calibration Anti 2 Block Operation LMI - Electronic Boom Length Operation Boom Length Stickers Manual Boom Angle Indicator Inclometer Condition Articulation Lights Operation if Fitted Electric Hazard and Safety Decals Load Chart Fitted or Available in Cabin Operators Manual Log Book			DNU	COMMENTS/ACTION
Addition 1	Man Basket  Condition and Damage nal Comments on Additional Options   DESCRIPTION  LMI Operation and Calibration Anti 2 Block Operation  LMI - Electronic Boom Length Operation  Monual Boom Length Stickers  Manual Boom Angle Indicator  Inclometer Condition  Articulation Lights Operation if Fitted  Electric Hazard and Safety Decals  Load Chart Fitted or Available in Cabin  Operators Manual  Log Book  Suspension lock out system operational			DNU	COMMENTS/ACTION
TEM	Man Basket Condition and Damage nal Comments on Additional Options  DESCRIPTION  LMI Operation and Calibration Anti 2 Block Operation LMI - Electronic Boom Length Operation Boom Length Stickers Manual Boom Angle Indicator Inclometer Condition Articulation Lights Operation if Fitted Electric Hazard and Safety Decals Load Chart Fitted or Available in Cabin Operators Manual Log Book			DNU	COMMENTS/ACTION
Addition 1	Man Basket  Condition and Damage nal Comments on Additional Options   DESCRIPTION  LMI Operation and Calibration Anti 2 Block Operation  LMI - Electronic Boom Length Operation  Monual Boom Length Stickers  Manual Boom Angle Indicator  Inclometer Condition  Articulation Lights Operation if Fitted  Electric Hazard and Safety Decals  Load Chart Fitted or Available in Cabin  Operators Manual  Log Book  Suspension lock out system operational			DNU	COMMENTS/ACTION



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	X. OPERATIONAL TESTING					
ITEM	DE	SCRIPTION	ок	REP	DNU	COMMENTS/ACTION
1	Holding Brake Operation	on				
2	Winch Raise and Lowe	er				
3	Luff Raise and Lower					
4	Boom telescope In and	d Out				
5	Articulate Full Lock Let	ft and Right				
6	Carry Out Performance	e Load Test				Complete Test Certificate
7	Carry Out Winch Brake	e Test				Complete Test Certificate
						Less than 16mm
8	Carry Out Creep Test	on Luff Cylinders				Tolerance: per hour
						Less than 12mm
	9 Carry Our Creep Test on Extension Cylinders					Tolerance: per hour
Addition	al Comments on Opera	tional Testing				
Note Lui	ff Cylinder Creep:	Test load on creep test to be 80-100% for SWL for Radius tested. Cylinder creep is based on temperature of the cylinder to remain constant throughout the testing period				
Note Ex	tension Cylinder Creep	Test Load on creep test to be 80-100% of SWL for Radius tested. Cylinder creep is based on temperature of the cylinder to remain constant throughout the testing period				

Y. ROAD TEST						
ЕМ	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION	
	Brake Performance Test					
	Parking Brake Test					
3	Steering Operation					
4	Abnormal Noises					
5	Gear Selection and Changes					
6	General Driving Condition					
	al Comments on Road Test	·				



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Z. ADDITIONAL ITEMS (FOUND DURING INSPECTION)						
TEM	DESCRIPTION	ок	REP	DNU	COMMENTS/ACTION	
1						
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