



# Rebel NDT Inspections Ltd.

- Having Access to:
- Non-Destructive Testing •UT MPI LPI
- Wall Thickness Testing
- Hardness Testing •Materials Consulting
- Crane and Picker Certification
- Manlift Certification •Corrosion Monitoring
- Failure Analysis •Quality Control
- Weld Procedures (WPS,PQR)
- Predictive Maintenance
- Computer Generated Drawings(CAD)

BONNYVILLE - COLD LAKE -ST. PAUL - ATHABASCA - LAC LA BICHE

Box 7282

Bonnyville AB T9N 2H6

PHONE 780-826-9387

email: JReid@RebelNDT.com

**Item:** Telescopic Picker

**Year Boom Dismantled:**

**Make:** Manitex

**Re-Cert Period:** 1 Year

**Serial Number:** 186720

**Inspection Location:** Bonnyville

**Model:** 4596

**Year Manufactured:**

**Unit:** P-202

**hrs / miles / km:**

**Capacity:** 45 ton

**Colour:**

- BC
  AB
  SK
  MB
  ON
  QC
  NB
  PEI
  NS
  NL
  YK
  NWT
  NV

**Comments**

Rebel NDT Inspections Ltd. performed a Visual and Dry Magnetic Particle inspection on the above mentioned Telescopic Picker.

Above equipment was cleaned of dirt, oil and grease prior to inspection.

No relevant indications were noted at the time of inspection.

Upon review and approval by our professional engineer (P.Eng) the inspected equipment will be recommended for certification.

**Boom or Beam**

	Inspection types	OK	Repair Date	N/A	Comment #
Boom Angle Indicator	Visual	<input checked="" type="checkbox"/>			
Boom Butt Section	Visual & MPI	<input checked="" type="checkbox"/>			
Boom Cable Guides	Visual	<input checked="" type="checkbox"/>			
Boom Camber	Visual	<input checked="" type="checkbox"/>			
Boom Mid Section(s)	Visual & MPI	<input checked="" type="checkbox"/>			
Boom Pin(s)	Visual	<input checked="" type="checkbox"/>			
Boom Radius Indicator	Visual	<input checked="" type="checkbox"/>			
Boom Telescoping Cylinder Brackets	Visual & MPI	<input checked="" type="checkbox"/>			
Boom Telescoping Cylinder Hyd. Line(s)	Visual	<input checked="" type="checkbox"/>			
Boom Telescoping Cylinder Pin(s)	Visual	<input checked="" type="checkbox"/>			
Boom Telescoping Cylinders	Visual	<input checked="" type="checkbox"/>			
Boom Tip Section	Visual & MPI	<input checked="" type="checkbox"/>			
Boom Travel Mount	Visual & MPI	<input checked="" type="checkbox"/>			
Boom Twist	Visual	<input checked="" type="checkbox"/>			
Boom Wear Pads	Visual	<input checked="" type="checkbox"/>			
Lift Cylinder Hyd. Line(s)	Visual	<input checked="" type="checkbox"/>			



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Lift Cylinder Mount Bracket(s)	Visual & MPI	<input checked="" type="checkbox"/>		
Lift Cylinder Pin(s)	Visual	<input checked="" type="checkbox"/>		
Lift Cylinder(s)	Visual	<input checked="" type="checkbox"/>		

<b>Cable &amp; Sheaves</b>	Inspection types	OK	Repair Date	N/A	Comment #
Lift Line(s)	Visual	<input checked="" type="checkbox"/>			
Sheave Pin(s)	Visual	<input checked="" type="checkbox"/>			
Sheave(s)	Visual	<input checked="" type="checkbox"/>			

<b>Hook &amp; Rigging</b>	Inspection types	OK	Repair Date	N/A	Comment #
Hook Safety Latch	Visual	<input checked="" type="checkbox"/>			
Hook(s)	Visual & MPI	<input checked="" type="checkbox"/>			
Lifting Block(s)	Visual	<input checked="" type="checkbox"/>			

<b>Outrigger</b>	Inspection types	OK	Repair Date	N/A	Comment #
Outrigger Beam(s)	Visual & MPI	<input checked="" type="checkbox"/>			
Outrigger Boxes / Base Frame	Visual & MPI	<input checked="" type="checkbox"/>			
Outrigger Cylinder Brackets	Visual & MPI	<input checked="" type="checkbox"/>			
Outrigger Extending Cylinders	Visual	<input checked="" type="checkbox"/>			
Outrigger Hoses	Visual	<input checked="" type="checkbox"/>			
Outrigger Jacks	Visual & MPI	<input checked="" type="checkbox"/>			
Outrigger Knee Braces	Visual & MPI	<input checked="" type="checkbox"/>			
Outrigger Pads	Visual & MPI	<input checked="" type="checkbox"/>			
Outrigger Pins	Visual	<input checked="" type="checkbox"/>			

<b>Safety Devices</b>	Inspection types	OK	Repair Date	N/A	Comment #
Anti Two Block Device	Visual	<input checked="" type="checkbox"/>			
Capacity Clearly Labeled	Visual	<input checked="" type="checkbox"/>			
Controls Clearly Labeled	Visual	<input checked="" type="checkbox"/>			
Level Indicators	Visual	<input checked="" type="checkbox"/>			
Load Chart	Visual	<input checked="" type="checkbox"/>			
Load Line Indicator	Visual	<input checked="" type="checkbox"/>			



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Log Book	Visual	<input checked="" type="checkbox"/>			
Stow sensor/indicator	Visual	<input checked="" type="checkbox"/>			

<b>Turret</b>		Inspection types	OK	Repair Date	N/A	Comment #
Pedestal & Frame Mounts	Visual & MPI	<input checked="" type="checkbox"/>				
Turret	Visual & MPI	<input checked="" type="checkbox"/>				
Turret Mounting Bolts	Visual	<input checked="" type="checkbox"/>				
Turret Swing Stop	Visual	<input checked="" type="checkbox"/>				

<b>Winch</b>		Inspection types	OK	Repair Date	N/A	Comment #
Hoist Or Winch Drum(s)	Visual	<input checked="" type="checkbox"/>				
Winch Bolts	Visual	<input checked="" type="checkbox"/>				
Winch Hoses	Visual	<input checked="" type="checkbox"/>				
Winch Mount	Visual & MPI	<input checked="" type="checkbox"/>				

<b>Boom Details</b>	<input type="checkbox"/> Lattice	<input type="checkbox"/> Telescoping	<input type="checkbox"/> Scissor	<input type="checkbox"/> Articulating	<input type="checkbox"/> Stiff	<input type="checkbox"/> T Frame	<input type="checkbox"/> A Frame
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Boom Section Type	Serial Number	Length
Tip	-	100'
Mid	-	75'
Mid	-	50'
Butt	-	25'