



Alaska Industrial X-Ray Inc.
8881 Golovin Street
Anchorage, Alaska 99507
907-344-4061 akxray.com

P.O # _____
Date: 5/2/2022

REPORT OF ULTRASONIC TEST

Customer:	<u>Patrick Durand</u>	Ultrasonic Unit:	<u>Sonatest Wave</u>		
Project:	<u>Engine 557 Rods and Pistons</u>	Unit Serial Number:	<u>I0018603</u>		
Location:	<u>AIX</u>	Unit Cal Due:	<u>10/11/2022</u>		
Page :	<u>1</u> of <u>1</u>	Transducer Freq:	<u>5 Mhz</u>	TransSize:	<u>.500"</u>
Code:	<u>N/A</u>	Trans Serial:	<u>74857</u>	Trans Mfg:	<u>Techna NDT</u>
Reported to:	<u>Patrick Durand</u>	Couplant:	<u>EZ gel</u>	Material Temp:	<u>68F</u>
	<u>All readings +/- .002"</u>	Step Wedge	<u>.250"-1.00" S/N 787389</u>		

Identification	Area								
T 557	100%	No Indications Found							
LT 557	100%	No Indications Found							

UT Technician: Craig Pritchett  Date: 5/2/2022



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Magnetic Particle Inspection Report

Project: Engine 557 Rods and Pistons
 Description: _____
 Client: Patrick Durand
 Code: N/A
 Procedure: AIX-MT-001 Rev. 13

Date: 5/2/2022
 P.O. #: _____
 AIX WO: _____
 Report #: AIX-001
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Magnetic Particle Equipment:

Manufacture/Model:	<u>Parker</u>	S.N.:	<u>1236</u>	Cal Due:	<u>6/28/2022</u>	Verification:	<u>5/2/2022</u>
Amps:	<u>DC</u>	Current:	<u>12DCV</u>	Method:	<u>Yoke Continuous</u>		
Part Detail:	<u>N/A</u>	Coil Dia.:	<u>N.A</u>	Turns:	<u>N.A</u>	Total Amps:	<u>N.A</u>
Amp Meter Model:	<u>N.A</u>	S.N.:	<u>N.A</u>	Cal Due:	<u>N.A</u>	Temp:	<u>69°F</u>
Field Indicator Model:	<u>Magnaflux</u>	S.N.:	<u>34432</u>	Cal Due:	<u>1/28/2023</u>		


Particle Details:

Manufacturer: Magnaflux Dry/Wet: Wet Batch #: 20J03K Application: Spray Color: Fluorescent
 Make: 14AM Concentration: N.A Bath Temp: N.A Batch Exp: 10/3/2023


Lighting Equipment

Black Light Make:	<u>FL-200</u>	S.N.:	<u>#N/A</u>	Cal Done:	<u>5/2/2022</u>
Light Meter Make:	<u>Spectroline XP-2000</u>	S.N.:	<u>1964404</u>	Cal Due:	<u>12/20/2022</u>
UV Meter Make:	<u>Spectroline XP-2000</u>	S.N.:	<u>1964404</u>	Cal Due:	<u>12/20/2022</u>
Measured Light Intensity:	<u>1 fc</u>				

Location: AIX Surface Condition: As Prepared
 Surface Temp: 60f Material: Steel

Identification	Area	Interpretation		Remarks
		Accept	Reject	
T 557	100%			No indications of cracking were found
LT 557	100%			Small crack found on chamfered end of rod Picture attached
				

We, the undersigned, certify that the statements in this record are correct and the part(s) were prepared and tested in accordance with the following code: N/A

Inspector: Craig Pritchett 
 Level: II
 Test Date: 5/2/2022

Contractor/Client: Patrick Durand
 Representative: _____

AIX INC.- assumes no responsibility for losses of any kind which are the result of decisions of judgment or interpretation.