



AC Recondition Repair Report

FolderID: 97743
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IBT
5515 JEFFERSON PARKWAY
PINE BLUFF, AR 71602

Priorities Found: ● 1 - Good

General

1. Job Number	97743
2. Report Date	
3. Customer	IBT

Name Plate Information



4. Manufacturer	TOSHIBA	P5
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5. Model	0754SDSR41A-P
6. Serial Number	20060133777
7. Horsepower	75
8. KW	
9. Volts	
10. Amps	
11. RPM	1780
12. Frame	365T
13. Enclosure	TEFC
14. Cycles	60
15. Phase	3
16. Service Factor	1.15
17. Motor Mount Position	

Initial Inspection

18. Number of Leads	
19. Lead Length	
20. Lead Size	
21. Lead Condition	
22. Lead Markings	

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23.	Lug Size, Condition, and Type	
24.	Winding RTD's	
25.	Winding Rtd's Condition	
26.	Shaft Run Out	
27.	Does Shaft Turn Freely	
28.	Does Shaft Have Visible Damage	
29.	Bearing Rtd's	
30.	Bearing Rtd's Condition	
31.	Contamination	
32.	Frame Condition	
33.	Fan Condition	
34.	Broken or missing components	
Initial Electric Test		
35.	Resistance to Ground	
36.	Winding Resistance 1-2	
37.	Winding Resistance 2-3	
38.	Winding Resistance 1-3	
39.	Resistive Imbalance	
40.	Hi-Pot	
41.	Surge Test	
42.	Stator Condition	
43.	Failure Location	
Initial Rotor Inspection		
44.	Rotor Type	squirrel cage
45.	Air Gap <10% Variation	
46.	Number of Rotor Bars	
47.	Number of Broken Rotor Bars	
48.	Growler Test	
 49.	Rotor Condition	(P) Pass
Mechanical Inspection		
50.	Bearing Manufacture	
51.	Bearing DE Size	
52.	Bearing DE Type	
53.	DE Bearing Qty.	
54.	Bearing ODE Size	
55.	Bearing ODE Type	
56.	ODE Bearing Qty.	
57.	Insulated Bearing	
58.	Lubrication Type	
59.	Grease Condition	
60.	Bearing Retainers	
61.	Shaft Grounding Device	
62.	DE Seal	
63.	DE Seal Type/Size	
64.	ODE Seal	
65.	ODE Seal Type/Size	
Root Cause of Failure		
66.	Component Failure	

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67. Cause of Failure	
68. Comments	
<i>Customer request motor be changed from F1 to F2.</i>	
69. Service Technician	Terrence Holland
	

Machine Fit Inspection Report

70. Shaft Run Out
71. Initial Shaft Run Out
72. Final Shaft Run Out
73. DE Bearing Shaft Fit
74. DE Initial Shaft Bearing Fit Size 1
75. DE Initial Shaft Bearing Fit Size 2
76. DE Initial Shaft Bearing Fit Size 3
77. DE Finial Shaft Bearing Fit Size 1
78. DE Finial Shaft Bearing Fit Size 2
79. DE Finial Shaft Bearing Fit Size 3
80. ODE Bearing Shaft Fit
81. ODE Initial Shaft Bearing Fit Size 1
82. ODE Initial Shaft Bearing Fit Size 2
83. ODE Initial Shaft Bearing Fit Size 3
84. ODE Finial Shaft Bearing Fit Size 1
85. ODE Finial Shaft Bearing Fit Size 2
86. ODE Finial Shaft Bearing Fit Size 3
87. DE Air Seal Shaft Fit
88. DE Initial Air Seal Shaft Size
89. DE Final Air Seal Shaft Size
90. ODE Air Seal Shaft Fit
91. ODE Initial Air Seal Shaft Size
92. ODE Final Air Seal Shaft Size
93. DE Endbell Fit
94. DE Initial Endbell Fit Size 1
95. DE Initial Endbell Fit Size 2
96. DE Initial Endbell Fit Size 3
97. DE Final Endbell Fit Size 1
98. DE Finial Endbell Fit Size 2
99. DE Final Endbell Fit Size 3
100. DE Endbell Fit Insulated
101. DE Endbell Air Seal Fit
102. Initial Endbell Air Seal Fit Size
103. Finial Endbell Air Seal Fit Size
104. ODE Endbell Fit
105. ODE Initial Endbell Fit Size 1
106. ODE Initial Endbell Fit Size 2
107. ODE Initial Endbell Fit Size 3

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108.	ODE Final Endbell Fit Size 1
109.	ODE Final Endbell Fit Size 2
110.	ODE Final Endbell Fit Size 3
111.	ODE Endbell Fit Insulated
112.	ODE Endbell Air Seal Fit
113.	ODE Initial Endbell Seal Fit Size
114.	ODE Final Endbell Seal Fit Size
115.	Foot Flatness
116.	Foot Condition
117.	Flange Condition
118.	Service Technician
Balancing Report	
119.	Balance Type
120.	Balance Operating Speed
121.	Start Left End
122.	Start Right End
123.	Balancing Specification
124.	Finish Left End
125.	Finish Right End
126.	Service Technician
Assembly and Final Test	
127.	Megger Testing Reading
128.	Surge Test
129.	Hi-Pot
130.	Winding Resistance 1-2
131.	Winding Resistance 2-3
132.	Winding Resistance 1-3
133.	Test Run Voltage Phase A
134.	Test Run Amps A
135.	Test Run Voltage Phase B
136.	Test Run Amps B
137.	Test Run Voltage Phase C
138.	Test Run Amps C
139.	DE Horizontal Vibration Reading
140.	DE Vertical Vibration Reading
141.	DE Axial Vibration Reading
142.	ODE Horizontal Vibration Reading
143.	ODE Vertical Vibration Reading
144.	ODE Axial Vibration Reading
145.	Ambient Temp at start of Test Run
146.	Temp at 5 minutes
147.	Temp at 10 minutes
148.	Temp at 15 minutes
149.	Temp at 20 minutes
150.	Temp at 25 minutes
151.	Temp at 30 minutes
152.	Temp at 35 minutes
153.	Temp at 40 minutes

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154.	Temp at 45 minutes
155.	Temp at 50 minutes
156.	Temp at 55 minutes
157.	Temp at 60 minutes
158.	Motor Paint
159.	Service Technician