

FolderID: 98193 FormID: 10600465



AC Recondition Repair Report

TRIANGLE ENGINEERING OF **ARKANSAS**

1101 NORTH REDMOND ROAD JACKSONVILLE, AR 72076

Priorities Found: 14 - Good

General			
1.	Job Number	98193	
2.	Report Date	05/10/2021	
3.	Customer	TRIANGLE ENGINEERING	
Name	Name Plate Information		ō

U.S. MOTORS P5 Manufacturer













































5.	Model	DC26	
6.	Serial Number	CAT# D30P3D	
7.	Horsepower	60	
8.	KW		
9.	Volts	460	
10.	Amps	35	
11.	RPM	1185	
12.	Frame	326T	
13.	Enclosure	ODP	
14.	Cycles	60	
15.	Phase	3	

17. Motor Mount Position hittal Inspection 18. Number of Leads 12 19. Lead Length 14 inches 20. Lead Size	16.	Service Factor	1.15
Number of Leads			1.13
18. Number of Leads 12 19. Lead Length 14 Inches 20. Lead Size 12 21. Lead Condition (P) Pass 22. Lead Markings 1-12 23. Lug Size, Condition, and Type			
19. Lead Length 14 Inches 20. Lead Size 21. Lead Condition (P) Pass 22. Lead Markings 1-12 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 no 29. Bearing Rtd's Condition 31. Contamination None 32. Frame Condition 33. Fan Condition 34. Broken or missing components 35. Resistance to Ground 36. Winding Resistance 1-2 37. Winding Resistance 2-3 38. Winding Resistance 2-3 39. Resistive Imbalance 40. Hi-Pot 41. Surge Test (NA) Not Applicable 42. Stator Condition 43. Fallure Location 44. Rotor Type laminate squirrel cage 45. Air Gap = 10% Variation 46. Number of Broken Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass 49. Rotor Condition			42
20. Lead Size 21. Lead Condition (P) Pass 22. Lead Markings 1-12 23. Lug Size, Condition, and Type 24. Winding RTD's 25. Winding RTD's 26. Shaft Run Out 27. Does Shaft Turn Freely 28. Does Shaft Have Visible Damage no 29. Bearing Rtd's 29. Bearing Rtd's 29. Bearing Rtd's 29. Contamination None 29. Bearing Rtd's 29. Contamination None 29. Shaft Run Condition (NA) Not Applicable 33. Fan Condition (NA) Not Applicable 34. Broken or missing components 35. Resistance to Ground 0.35 Mohm 36. Winding Resistance 1-2 37. Winding Resistance 2-3 38. Winding Resistance 2-3 39. Resistive Imbalance 40. Hi-Pot 41. Surge Test (NA) Not Applicable 42. Stator Condition pass 43. Failure Location 14. Rotor Type Iaminate squirrel cage 44. Rotor Type Iaminate squirrel cage 45. Air Cago +10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass 49. Rotor Condition (P) Pass 40. Rotor Condition (P)			·-
21. Lead Condition (P) Pass 22. Lead Markings 1-12 23. Lug Size, Condition, and Type 4. Winding RTD's 24. Winding RTD's 5. Winding Rtd's Condition 25. Winding Rtd's Condition 6. Shaft Run Out 27. Does Shaft Have Visible Damage no 29. Bearing Rtd's no 30. Bearing Rtd's Condition 6. Contamination 31. Contamination None 32. Frame Condition (NA) Not Applicable 34. Broken or missing components 8. Winding Resistance to Ground 35. Resistance to Ground 0.35 Mohm 36. Winding Resistance 1-2 3. Winding Resistance 1-3 39. Resistive Imbalance 40. Hi-Pot 41. Surge Test (NA) Not Applicable 42. Stator Condition pass 43. Failure Location pass 44. Rotor Type Iaminate squirrel cage 45. Air Gap +10% Variation 4. Rotor Specition 46. Number of Rotor Bars 4. Number of Rotor Bars 47. Number of Broken Rotor Bars 4. Rotor Condition 48. Rotor Condition (P) Pass			14 Inches
22. Lead Markings 1-12 23. Lug Size, Condition, and Type 4. Winding RTDs 24. Winding RTDs 4. Winding Rtd's Condition 25. Winding Rtd's Condition 5. Shaft Run Out 27. Does Shaft Turn Freely 6. Shaft Run Out 28. Does Shaft Have Visible Damage no 29. Bearing Rtd's Condition no 30. Bearing Rtd's Condition 5. Shaft Run Out 31. Contamination None 6. Shaft Run Out 32. Frame Condition (NA) Not Applicable 33. Fan Condition (NA) Not Applicable 34. Broken or missing components 6. Winding Resistance 1-2 35. Resistance to Ground 0.35 Mohm 36. Winding Resistance 2-3 38. Winding Resistance 2-3 38. Winding Resistance 2-3 38. Winding Resistance 2-3 39. Resistive Imbalance 6. Hi-Pot 41. Surge Test (NA) Not Applicable 42. Stator Condition pass 43. Failure Location pass 44. Rotor Type laminate squirrel cage 45. Air Gap <10% Variation			(D) D
23. Lug Size, Condition, and Type 24. Winding RTD's 25. Winding Rtd's Condition 26. Shaft Run Out 27. Does Shaft Tum Freely 28. Does Shaft Have Visible Damage 29. Bearing Rtd's 30. Bearing Rtd's 30. Bearing Rtd's 31. Contamination None 32. Frame Condition 33. Fan Condition 34. Broken or missing components 15tital 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 141. Rotor Type 142. Stator Condition 44. Rotor Type 143. Rotor Type 144. Rotor Type 155. Air Gap <10% Variation 456. Number of Broken Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test 49. Rotor Condition (P) Pass Abechanical Inspection	-		• • •
24. Winding RTD's 25. Winding Rtd's Condition 26. Shaft Run Out 27. Does Shaft Threely 28. Does Shaft Have Visible Damage no 29. Bearing Rtd's 30. Bearing Rtd's Condition 31. Contamination None 32. Frame Condition 33. Fan Condition (NA) Not Applicable 34. Broken or missing components 11tial Electric Test 35. Resistance to Ground 0.35 Mohm 36. Winding Resistance 1-2 37. Winding Resistance 2-3 38. Winding Resistance 1-3 39. Resistive Imbalance 40. Hi-Pot 41. Surge Test (NA) Not Applicable 42. Stator Condition pass 43. Failure Location 11tial Rotor Inspection 44. Rotor Type laminate squirrel cage 45. Air Gap < 10% Variation			1-12
25. Winding Rtd's Condition 26. Shaft Run Out 27. Does Shaft Turn Freely 28. Does Shaft Turn Freely 29. Bearing Rtd's 30. Bearing Rtd's Condition 31. Contamination None 32. Frame Condition 33. Fan Condition 34. Broken or missing components 35. Resistance to Ground 36. Winding Resistance 1-2 37. Winding Resistance 1-2 38. Winding Resistance 1-3 39. Resistive Imbalance 40. Hi-Pot 41. Surge Test (NA) Not Applicable 42. Stator Condition 43. Failure Location 10. Not Applicable 44. Rotor Type Iaminate squirrel cage 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass 49. Rotor Condition (P) Pass 40. Rotor Condition (P) Pass 41. Rotor Condition (P) Pass 42. Rotor Condition (P) Pass 43. Failure Location 44. Rotor Type (P) Pass 45. Air Gap <10% Variation (P) Pass 46. Rotor Condition (P) Pass 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass 49. Rotor Condition (P) Pass			
26. Shaft Run Out 27. Does Shaft Turn Freely 28. Does Shaft Have Visible Damage no 29. Bearing Rtd's no 30. Bearing Rtd's Condition Searing Rtd's Condition 31. Contamination None (NA) Not Applicable 32. Frame Condition (NA) Not Applicable 33. Fan Condition (NA) Not Applicable 34. Broken or missing components 0.35 Mohm 35. Resistance to Ground 0.35 Mohm 36. Winding Resistance 1-2 Winding Resistance 1-3 37. Winding Resistance 1-3 Winding Resistance 1-3 38. Resistive Imbalance (NA) Not Applicable 40. Hi-Pot (NA) Not Applicable 41. Surge Test (NA) Not Applicable 42. Stator Condition pass 43. Failure Location pass 44. Rotor Type laminate squirrel cage 45. Air Gap < 10% Variation		•	
27. Does Shaft Turn Freely 28. Does Shaft Have Visible Damage no 29. Bearing Rtd's		•	
28. Does Shaft Have Visible Damage no 29. Bearing Rtd's			
29. Bearing Rtd's 30. Bearing Rtd's Condition 31. Contamination None 32. Frame Condition 33. Fan Condition (NA) Not Applicable 34. Broken or missing components Initial Electric Test 35. Resistance to Ground 0.35 Mohm 36. Winding Resistance 1-2 0.35 Mohm 37. Winding Resistance 2-3 Winding Resistance 1-3 39. Resistive Imbalance (NA) Not Applicable 41. Surge Test (NA) Not Applicable 42. Stator Condition pass 43. Failure Location pass 44. Rotor Type laminate squirrel cage 45. Air Gap <10% Variation	27.	•	
30. Bearing Rtd's Condition 31. Contamination None 32. Frame Condition 33. Fan Condition 34. Broken or missing components 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 44. Rotor Type 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Rotor Bars 48. Growler Test 49. Rotor Condition 40. Winder Condition 41. Number of Broken Rotor Bars 48. Growler Test 49. Rotor Condition 40. Number of Rotor Bars 40. Number of Rotor Gars 41. Number of Broken Rotor Bars 42. Rotor Condition 43. Rotor Condition 44. Rotor Type 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Rotor Bars 48. Growler Test 49. Rotor Condition 40. (P) Pass			no
31. Contamination None 32. Frame Condition 33. Fan Condition (NA) Not Applicable 34. Broken or missing components (NA) Not Applicable 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 (NA) Not Applicable 42. Stator Condition pass 43. Failure Location (NA) Not Applicable 44. Rotor Type Iaminate squirrel cage 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass (NA) Rotor Condition (P) Pass (NA) Rotor Condition (P) Pass			
None 32. Frame Condition 33. Fan Condition (NA) Not Applicable 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 (NA) Not Applicable 42. Stator Condition pass 43. Failure Location initial Rotor Inspection 44. Rotor Type Ale Rotor Type Iaminate squirrel cage 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass (Nechanical Inspection	30.		
32. Frame Condition 33. Fan Condition (NA) Not Applicable 34. Broken or missing components (NA) Resistance to Ground 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 (NA) Not Applicable 42. Stator Condition pass 43. Failure Location (NA) Rotor Type Iaminate squirrel cage 44. Rotor Type A Rotor Type Iaminate squirrel cage 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass (P) Pass (Rechanical Inspection	31.	Contamination	
33. Fan Condition (NA) Not Applicable 34. Broken or missing components nitial Electric Test 35. Resistance to Ground 0.35 Mohm 36. Winding Resistance 1-2 37. Winding Resistance 2-3 38. Winding Resistance 1-3 39. Resistive Imbalance 40. Hi-Pot 41. Surge Test (NA) Not Applicable 42. Stator Condition pass 43. Failure Location nitial Rotor Inspection 44. Rotor Type laminate squirrel cage 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass 49. Rotor Condition (P) Pass		None	
34. Broken or missing components nitial Electric Test 35. Resistance to Ground 0.35 Mohm 36. Winding Resistance 1-2 37. Winding Resistance 2-3 38. Winding Resistance 1-3 39. Resistive Imbalance 40. Hi-Pot 41. Surge Test (NA) Not Applicable 42. Stator Condition pass 43. Failure Location nitial Rotor Inspection 44. Rotor Type laminate squirrel cage 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass 49. Rotor Condition (P) Pass	32.	Frame Condition	
Initial Electric Test 35. Resistance to Ground 0.35 Mohm 36. Winding Resistance 1-2	33.	Fan Condition	(NA) Not Applicable
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 (NA) Not Applicable 42. Stator Condition pass 43. Failure Location **Nitial Rotor Type** 44. Rotor Type** 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass 49. Rotor Condition (P) Pass **Nethanical Inspection**	34.	Broken or missing components	
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 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass **Initial Rotor Condition** (P) Pass **Initial Rotor Condition* (P) Pass **Initial Rotor Condition* (P) Pass **Initial Rotor Inspection* (P) Pass **Initial Rotor Inspection* (P) Pass	Initial	Electric Test	
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 10. Itial Rotor Inspection 44. Rotor Type 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test 49. Rotor Condition (P) Pass 49. Rotor Condition	35.	Resistance to Ground	0.35 Mohm
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 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test 49. Rotor Condition (P) Pass **Idechanical Inspection**	36.	Winding Resistance 1-2	
39. Resistive Imbalance 40. Hi-Pot 41. Surge Test (NA) Not Applicable 42. Stator Condition pass 43. Failure Location **Nitial Rotor Inspection** 44. Rotor Type laminate squirrel cage 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass 49. Rotor Condition (P) Pass	37.	Winding Resistance 2-3	
40. Hi-Pot 41. Surge Test 42. Stator Condition 43. Failure Location **Note** **Initial Rotor Inspection 44. Rotor Type 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test 49. Rotor Condition **Note**	38.	Winding Resistance 1-3	
41. Surge Test (NA) Not Applicable 42. Stator Condition pass 43. Failure Location **Nitial Rotor Inspection** 44. Rotor Type laminate squirrel cage 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass 49. Rotor Condition (P) Pass **Nethanical Inspection**	39.	Resistive Imbalance	
42. Stator Condition pass 43. Failure Location Initial Rotor Inspection 44. Rotor Type laminate squirrel cage 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass 49. Rotor Condition (P) Pass	40.	Hi-Pot	
43. Failure Location nitial Rotor Inspection 44. Rotor Type Iaminate squirrel cage 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass 49. Rotor Condition (P) Pass	41.	Surge Test	(NA) Not Applicable
At. Rotor Type Iaminate squirrel cage 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass 49. Rotor Condition (P) Pass	42.	Stator Condition	pass
44. Rotor Type laminate squirrel cage 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass 49. Rotor Condition (P) Pass Mechanical Inspection	43.	Failure Location	
44. Rotor Type laminate squirrel cage 45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test (P) Pass 49. Rotor Condition (P) Pass Mechanical Inspection	Initial	Rotor Inspection	
45. Air Gap <10% Variation 46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test 49. Rotor Condition (P) Pass (P) Pass			laminate squirrel cage
46. Number of Rotor Bars 47. Number of Broken Rotor Bars 48. Growler Test 49. Rotor Condition (P) Pass (P) Pass (P) Pass			
47. Number of Broken Rotor Bars 48. Growler Test 49. Rotor Condition (P) Pass (P) Pass (P) Pass		•	
48. Growler Test 49. Rotor Condition (P) Pass (P) Pass (P) Pass	47.		
49. Rotor Condition (P) Pass Mechanical Inspection			(P) Pass
Mechanical Inspection	-	Rotor Condition	- · · · · · · · · · · · · · · · · · · ·
			_
		-	skf

Hi-Speed Industrial Service disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Hi-Speed. Hi-Speed shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.



52.	Bearing DE Type	regular ball bearing	
53.	DE Bearing Qty.	1	
54.	Bearing ODE Size	6211 2Z	P43



55.	Bearing ODE Type	regular ball bearing
56.	ODE Bearing Qty.	1
57.	Insulated Bearing	0
58.	Lubrication Type	grease
59.	Grease Condition	(P) Pass
60.	Bearing Retainers	(NA) Not Applicable
61.	Shaft Grounding Device	(NA) Not Applicable
62.	DE Seal	
63.	DE Seal Type/Size	
64.	ODE Seal	
65.	ODE Seal Type/Size	

Root Cause of Failure

66. Component Failure windings

67. Cause of Failure

Washer embedded in windings on opposite drive end side of motor.

68. Comments

The washer used to balance the rotor was not properly secured to the balancing peg. The washer dislodged form the rotor and became trapped in the windings causing a short circuit.

69. Service Technician Terrence. Holland

Lemma Holland

	70.	Shaft Run Out	(P) Pass
	71.	Initial Shaft Run Out	0.001 "
	72.	Final Shaft Run Out	
	73.	DE Bearing Shaft Fit	(P) Pass
	74.	DE Initial Shaft Bearing Fit Size 1	2.1656 "
	75.	DE Initial Shaft Bearing Fit Size 2	2.1654 "
	76.	DE Initial Shaft Bearing Fit Size 3	2.1655 "
	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	(P) Pass
	81.	ODE Initial Shaft Bearing Fit Size 1	2.1655 "
	82.	ODE Initial Shaft Bearing Fit Size 2	2.1656 "
	83.	ODE Initial Shaft Bearing Fit Size 3	2.1655 "
	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	(P) Pass
	94.	DE Initial Endbell Fit Size 1	4.725 "
	95.	DE Initial Endbell Fit Size 2	4.7252 "
	96.	DE Initial Endbell Fit Size 3	4.7253 "
	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	(P) Pass
	105.	ODE Initial Endbell Fit Size 1	2.1657 "
	106.	ODE Initial Endbell Fit Size 2	2.1658 "
	107.	ODE Initial Endbell Fit Size 3	2.1658 "
	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	(NA) Not Applicable
112.	ODE Endbell Air Seal Fit	
113.	ODE Initial Endbell Seal Fit Size	
114.	ODE Finial Endbell Seal Fit Size	
115.	Foot Flatness	(P) Pass
116.	Foot Condition	(P) Pass
117.	Flange Condition	(NA) Not Applicable
118.	Service Technician	Terrence. Holland

Tenera Holland

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			
Assem	bly and Final Test			
127.	Meggar 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
154. Temp	at 45 minutes
155. Temp	at 50 minutes
156. Temp	at 55 minutes
157. Temp	at 60 minutes
158. Motor	Paint
159. Servic	re Technician