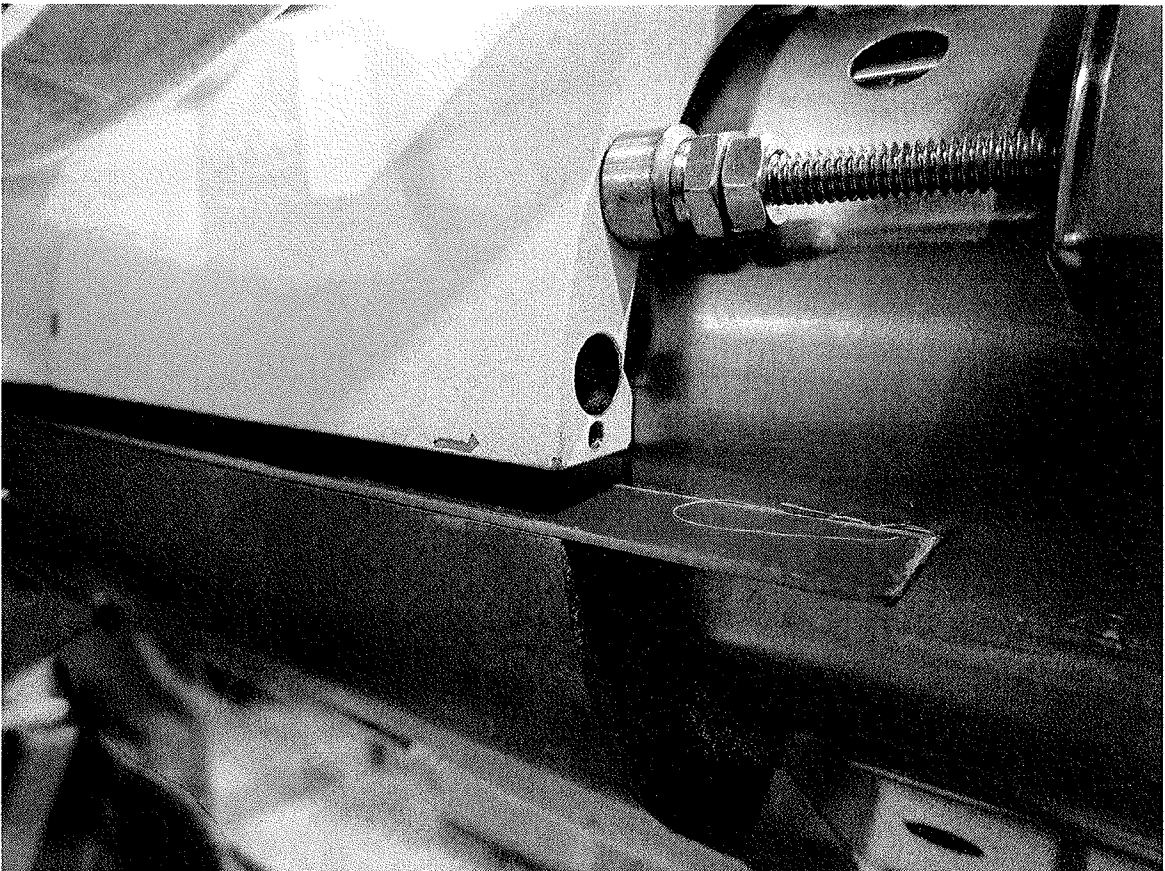
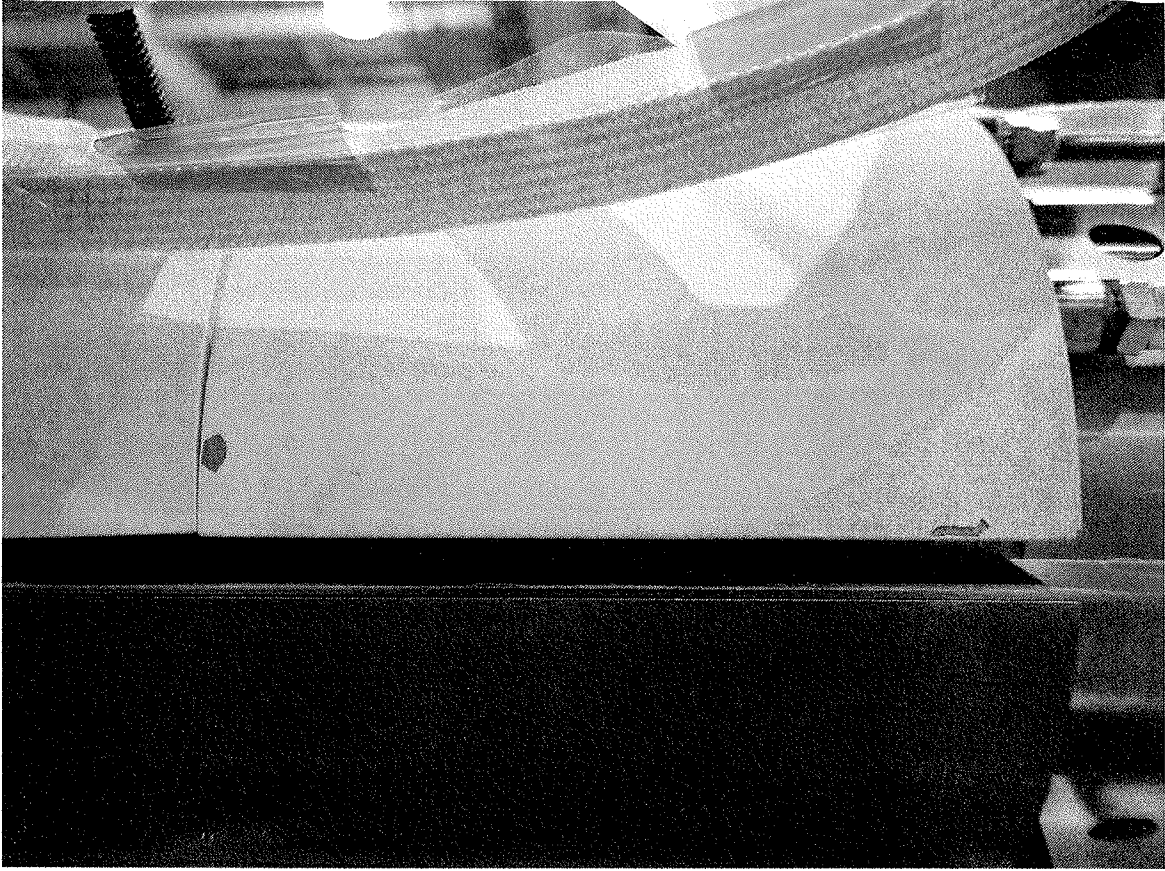


## *DR's for Serial # QXFA212*

<i>DR</i>	<i>Description</i>	<i>Status</i>	<i>Disp.</i>	<i>Action Req</i>	<i>Closed Date</i>
AM-157	LE splice block F10042599 chipped when dropped	F	UAI		2/5/2020
AM-158	End spacer B2-IC3 has short to conductor	F	UAI		2/5/2020
AM-168	Chip in ceramic on NLE spacer. Chips on inner LE saddle and saddle extension	F	RPR	8/3/2020	8/3/2020
AM-172	Cure control system reset post cure	F	RWK	9/1/2020	9/1/2020
AM-173	Length should be 4524-4534, is 4523.3	F	UAI		9/1/2020
AM-174	Voltage Tap B6 is open	F	UAI		9/21/2020
AM-175	Voltage drops out of range	F	UAI		9/21/2020







# MAGNET DISREPARANCY REPORT

DR NUMBER: AM-158

Preliminary: 1-17-20

Action Required: -

Final: 2-5-20

Part No: F10115633		Rev	Traveler No.: AUP-120	Rev: E	
Part Name: QXFA COIL ASSEMBLY			Traveler OP No.: 900		
Qty: 1	Ser. No./Lot No.: QXFA 212		Operation: Curing Layer 1		
Initiator: Glenn Jochen		Life No.: 15764	Date: 1-16-20		
Type of Problem: (Check) Mechanical <input type="checkbox"/> Electrical <input checked="" type="checkbox"/> Other <input type="checkbox"/>					
Description			Disposition	CE	DQAR
Continue on reverse side if required			<small>RWK, RPR, UAI, SCP</small>		
End spacer B2-IC3 has a 10.2 ohm short to the coil conductor, AFTER INNER LAYER CURING.			UAI	JS	AD
INSPECTION OF COIL ID DURING PREP FOR REACTION FOUND VOLTAGE TAP A03 FLAG PINCHED IN END SPACER SLIT. FLAG WAS EXTRACTED FROM SLIT. SPACER IS NO LONGER SHORTED TO COIL.					
Instructions: Continue on additional sheets if required			Name	Life #	Date
Reason for Discrepancy:					
			Coincidental location of flag during test created short		
Corrective Action:					
			None		
Report reviewed by CE <u>[Signature]</u>			Date <u>2/5/20</u>		
DQAR <u>[Signature]</u>			Date _____		

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 Section Head, Production Engineering

DQAR  
 Cognizant Engineer [Signature]

Distributed by [Signature]  
 Date: 1-21-20



# MAGNET DISREPARCY REPORT

DR NUMBER: Am-168

Preliminary: 7-24-20  
 Action Required: 8-3-20  
 Final: 8-3-20

Part No:	Rev	Traveler No.: <u>AUP-160</u>	Rev: <u>E</u>
Part Name: <u>Prep. for impregnation</u>		Traveler OP No.: <u>680</u>	
Qty:	Ser. No./Lot No.: <u>QXFA-212</u>	Operation: <u>Inspect insulation for damage</u>	
Initiator: <u>T. Levine</u>	Life No.: <u>21627</u>	Date: <u>7/1/20</u>	
Type of Problem: (Check) Mechanical <input checked="" type="checkbox"/> Electrical <input type="checkbox"/> Other <input type="checkbox"/>			
Description		Disposition	CE
Continue on reverse side if required		RWK, RPR, UAI, SCP	DQAR
<u>Large chip in ceramic at inner layer NLE large spacer outside edge towards transition side.</u>		<u>RPR</u>	<u>98</u> <del>98</del>
<u>Inner layer LE saddle extension has chips on three corners and attached saddle has chip at point where it contacts coil on transition side.</u>		<u>RPR</u>	<u>95</u> <del>95</del>
Instructions: Continue on additional sheets if required		Name	Life #
			Date
<u>COVER EACH CHIP WITH 1 MIL KAPTON TAPE, TAPE TO EXTEND .25" BEYOND CHIPPED AREAS.</u>		<u>T. Levine</u>	<u>21627</u>
Reason for Discrepancy:			
<u>CONTINING ISSUES</u>			
Corrective Action: <u>NONE</u>			
Report reviewed by CE <u>[Signature]</u>		Date <u>8/3/20</u>	
DQAR <u>[Signature]</u>		Date _____	

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 Date: 7-24-20





# MAGNET DISCREPANCY REPORT

DR NUMBER: AM-172

Preliminary: 8-12-20  
 Action Required: 9-1-20  
 Final: 9-1-20

Part No: F10109266		Rev	Traveler No.: AUP-170	Rev:	
Part Name: Impregnation			Traveler OP No.:		
Qty: 1	Ser. No./Lot No.: QXFA212		Operation: Epoxy cure		
Initiator: Schmalzle		Life No.: 19393	Date: 8/12/20		
Type of Problem: (Check) Mechanical <input checked="" type="checkbox"/> Electrical <input type="checkbox"/> Other <input type="checkbox"/>					
Description			Disposition	CE	DQAR
Continue on reverse side if required			RWK, RPR, UAI, SCP		
Epoxy cure control system reset during post cure. Fixture cooled to approx 118 degrees.			SEE IN STD	<i>J.S.</i>	<i>[Signature]</i>
Instructions: Continue on additional sheets if required			Name	Life #	Date
Restart the control system, bring fixture back up to temperature and complete the post cure.			J.S.	19393	9/1/20
Reason for Discrepancy:					
Brief power outage.					
Corrective Action:					
Add a UPS to the epoxy cure control system.					
Report reviewed by CE <i>[Signature]</i>			Date <u>9/1/20</u>		
DQAR <i>[Signature]</i>			Date _____		

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# MAGNET DISREPAANCY REPORT

DR NUMBER: AM-173

Preliminary: 8/28/20  
 Action Required: -  
 Final: 9-1-20

Part No: <u>F10109266</u>		Rev	Traveler No.: AUP-170	Rev: E
Part Name: QXF Coil			Traveler OP No.: 445	
Qty: 1	Ser. No./Lot No.: QXFA212		Operation: Length Measurement	
Initiator: J. Schmalzle		Life No.: 19393	Date: 8/12/20	
Type of Problem: (Check) Mechanical <input checked="" type="checkbox"/> Electrical <input type="checkbox"/> Other <input type="checkbox"/>				
Description			Disposition	CE
Continue on reverse side if required			<small>RWK, RPR, UAI, SCP</small>	DQAR
Coil overall length is out of spec. Length = 4523.3 mm			UAI	<i>[Signature]</i>
Spec = 4524 - 4534 mm				<i>[Signature]</i>
Instructions: Continue on additional sheets if required			Name	Life #
Use as is.				
Reason for Discrepancy:				
<u>VARIATION IN COIL</u>				
Corrective Action: <u>NONE</u>				
Report reviewed by CE <u>J. Schmalzle</u>			Date <u>9/1/20</u>	
DQAR <u>[Signature]</u>			Date _____	

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 Date: 9-1-20



### MAGNET DISREPCANCY REPORT

DR NUMBER: AM-174

Preliminary: 9-8-20  
 Action Required: -  
 Final: 9-21-20

Part No: <u>F10109266</u>	Rev	Traveler No.: AUP-180	Rev:
Part Name: QXF Coil		Traveler OP No.:	
Qty: 1	Ser. No./Lot No.: QXFA212	Operation: Elec checks	
Initiator: Schmalzle		Life No.: 19393	Date: 9/3/20
Type of Problem: (Check) Mechanical <input type="checkbox"/> Electrical <input checked="" type="checkbox"/> Other <input type="checkbox"/>			
Description	Disposition <small>RWK, RPR, UAI, SCP</small>	CE	DQAR
Continue on reverse side if required			
Voltage tap B6 is open	UAI	[Signature]	[Signature]
Instructions: Continue on additional sheets if required	Name	Life #	Date
Use as is.			
Reason for Discrepancy:			
UNKNOWN			
Corrective Action:			
NONE AT THIS TIME			
Report reviewed by CE <u>[Signature]</u>	Date	<u>9/9/20</u>	
DQAR <u>[Signature]</u>	Date	<u>9-21-20</u>	

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DQAR Cognizant Engineer Schmalzle

Distributed by [Signature]  
 Date: 9-8-20



# MAGNET DISREPARANCY REPORT

DR NUMBER: AM-175

Preliminary: 9/15/20  
 Action Required:   /    
 Final: 9.21.20

Part No: F10108759		Rev	Traveler No.: AUP-160	Rev: D	
Part Name: QXFA Coil - Prep for Impregnation			Traveler OP No.: See below		
Qty: 1	Ser. No./Lot No.: QXFA212		Operation: Electrical Checks		
Initiator: H. Hocker		Life No.: 22131	Date: 9/14/20		
Type of Problem: (Check) Mechanical <input type="checkbox"/> Electrical <input checked="" type="checkbox"/> Other <input type="checkbox"/>					
Description			Disposition	CE	DQAR
Continue on reverse side if required			<small>RWK, RPR, UAI, SCP</small>		
During final checks before impregnation, certain voltage drops were noted to be out of range by as much as 12mv over max limit (+2% over nominal)			YAI	gs	<del>  /  </del>
Instructions: Continue on additional sheets if required			Name	Life #	Date
USE AS IS.					
Reason for Discrepancy:					
ROOM TEMPERATURE HIGH (~85F)					
Corrective Action:					
Report reviewed by CE <u>[Signature]</u>			Date <u>9/16/20</u>		
DQAR <u>[Signature]</u>			Date <u>9.21.20</u>		

Distribution:  
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 Section Head, Electrical Systems  
 Section Head, Production Engineering

DQAR  
 Cognizant Engineer [Signature]

Distributed by [Signature]  
 Date: 9/15/20

**MAGNET DISREPANCY REPORT  
(Continuation)**

Sketch:

Instructions:	Name	Life #	Date