

<b>Baxter</b>	<b>DIVISION OR FUNCTION:</b>	<b>DOCUMENT No.:</b> 01143-SVC	<b>ISSUE DATE:</b> SEE STAMP
	Service	<b>REVISION:</b> J	<b>EFFECTIVE DATE:</b> SEE STAMP
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## 1.0 PURPOSE

- 1.1 To provide instruction to Evaluation and Rework Technicians as to which test(s) and/or verification(s) are required after evaluation or rework of the Spectrum Infusion Pump is performed.
- 1.2 To provide a checklist via the Worksheet to technicians who will perform the testing, inspections and/or verifications to the pump.
- 1.3 To provide quality inspection personnel a checklist, via the worksheet of tests that are/were required to be performed.


## 2.0 SCOPE

- 2.1 This document applies to the Spectrum Infusion Pump Model 35700BAX.

## 3.0 REFERENCES

Document	Document Title
CTP 35147-001-SVC	Force Sensor No-Tube Calibration, Spectrum Infusion Pump
CTP 35147-002-SVC	Force Sensor Scale Factor Calibration, Spectrum Infusion Pump
CTP 35700-002-SVC	Color Sensor Calibration, Spectrum Infusion Pump
CTP 35700-003-SVC	Thermistor Calibration, Spectrum Infusion Pump
CTP 35700-004-SVC	Cam Calibration, Spectrum Infusion Pump
CTP 35703-002-SVC	Flow Rate Accuracy Calibration, Spectrum Infusion Pump
CTP 35711-001-SVC	Ultrasonic Sensor Calibration, Spectrum Infusion Pump
CTP 35711-002-SVC	Optical Tube Sensor Calibration, Spectrum Infusion Pump
INF 100	Service Process Flow, V6
ITP 35700-007-SVC	Cold Room Test, Spectrum Infusion Pump
ITP 35700-010-SVC	Procedure for Inspecting Pumps After Upgrade of Operating Software
ITP 35700-011-SVC	Operating Current, Battery Charger and Alarm Test, Spectrum Infusion Pump
ITP 35700-019-SVC	Mechanism Inspection
ITP 35700-020	Spectrum Pump Preventive Maintenance (PM) Procedure
ITP 35700-023-SVC	Inspection of UV Glue Cure, Service Pumps
ITP 35700-SVC	Final Inspection Test Procedure, Spectrum Infusion Pump
ITP 35701-SVC	Rear Case Assembly Programming and Test Procedure
ITP 35703-002-SVC	Flow Rate Error Over Time, Spectrum Infusion Pump
SWI 037	Spectrum Infusion Pump Recertification Process
SWI 123	Initial Pump Settings, Spectrum Infusion Pump
SWI 124	Case Closing, Spectrum Infusion Pump

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#### 4.0 DEFINITIONS

Term/Acronym	Definition
Cal.	Calibration
Evaluator / Evaluation Technician	Technical Service Department Technician or Engineer assigned to evaluate a returned device associated with a complaint.
Non-Conformance	A departure from the requirements designated in the specification, drawing or other approved descriptive documents or process.
PM Repair Process	A repair consisting of defined parts and/or processes, that requires ITP 35700-020 as Final Release Testing.
Recertification	Action performed on a product to update for all service effective ECNs, calibrate and fully performance test to ensure product operates within published specifications
Ref	Reference
Remaining Testing	Testing that was required per the servicing process that has not yet been performed/ completed.
Repair (Standard)	Action taken on a product to address a related complaint
Rework	Action taken on a nonconforming product so that it will fulfill the specified DMR requirements before it is released for distribution.
Rework Technician	Technician assigned to evaluate and/or rework a device.

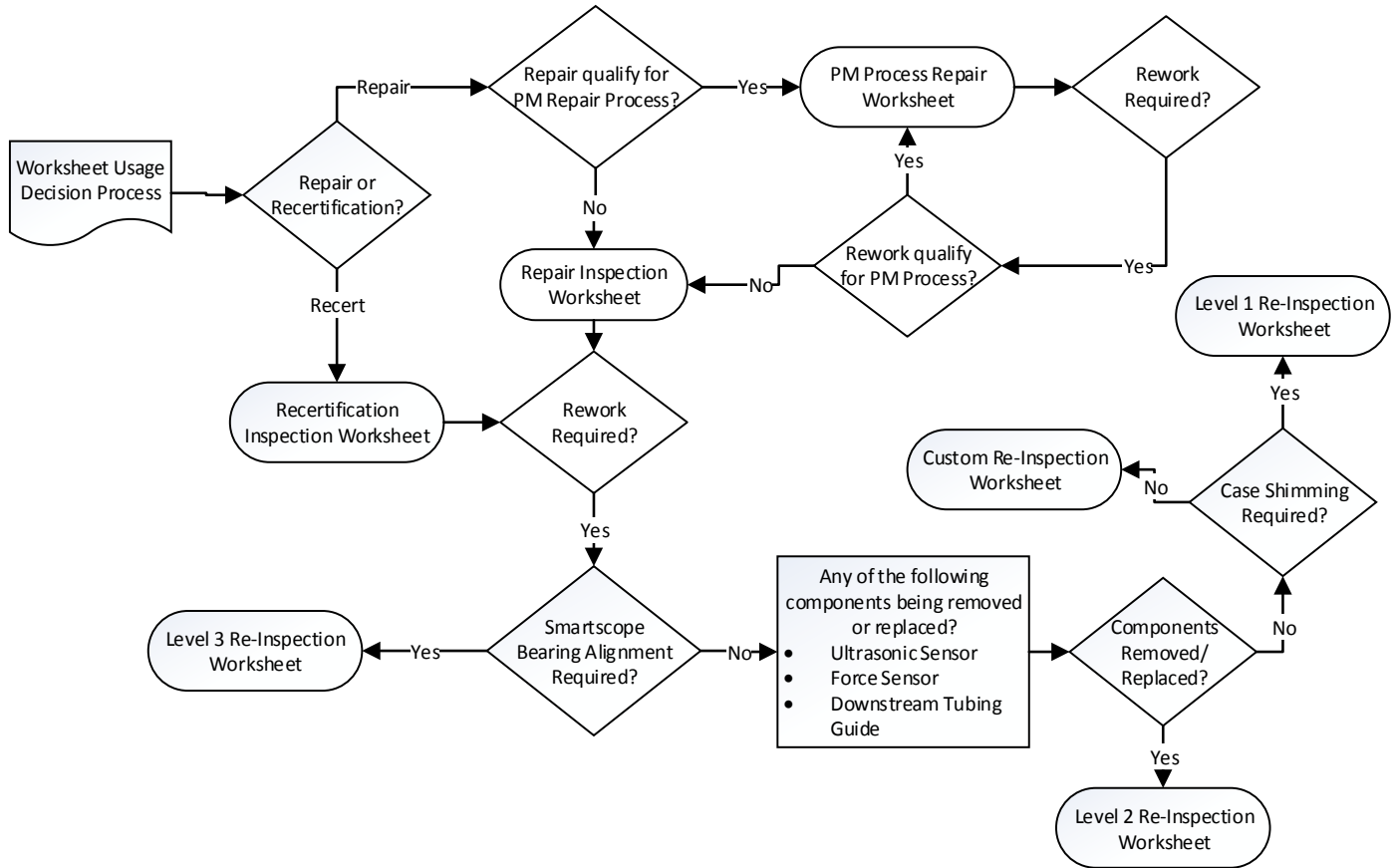
#### 5.0 RESPONSIBILITIES

Responsible Party	Responsibility
Evaluation or Rework Technician	Review this document when determining which tests and/or calibrations are required, and include testing required by the rework or replacement procedure.
Operator performing the required Testing/Verification	Highlight the steps as they are completed.
Quality representative	Ensure that all testing and verifications checked as "Required" are completed.

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## 6.0 CHOOSING THE CORRECT WORKSHEET

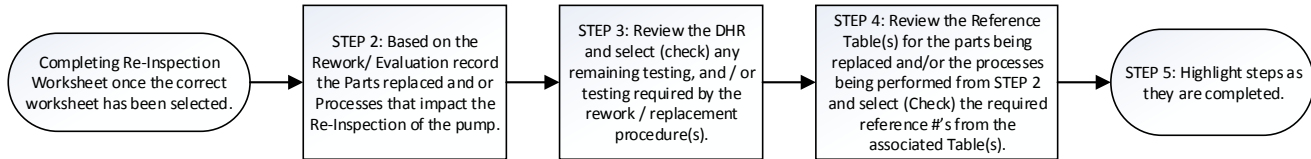
6.1 Use the decision process below to determine the recommended Re-Inspection Worksheet as a baseline.



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## 7.0 COMPLETING THE WORKSHEET (APPLIES TO ALL WORKSHEETS)

7.1 Use the process below to complete the Re-Inspection Worksheet.



**NOTE: Worksheets may be printed out and inserted into the DHR independently from the instructions and reference charts of this document.**

7.2 Please observe the following notes:

- 7.2.1 The Preventive Maintenance Repair / Rework worksheet may only be used when **all** required parts and/or processes are identified as “Eligible for PM Repair”.
- 7.2.2 A – Disassembly is only required if parts are being discarded. (Not applicable to serialized front case)
- 7.2.3 B – When requiring Switch Grease Inspection, only that portion of the TDM form is required.
- 7.2.4 C – ITP 35700-020-SVC only required if device is completing PM Repair Process.
- 7.2.5 If 24 (Case Closing) is required, 24a (Keyhole Installation) is also required.
- 7.2.6 If 17 (Case Shimming) is required, 17a (Switch Testing) and 17b (Processor Board Installation) are also required.
- 7.2.7 Devices going to Cold Room must be v6.05.11 or later
- 7.2.8 All devices must, at a minimum, be subject to either Flow Accuracy Verification (33V) or Flow Accuracy Calibration (33C) during Repair/Recertification. If both are to be required, only select 33C, as 33C will supersede 33V. This does not apply to PM Repair devices.

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CUSTOM LEVEL REPAIRS (DOESN'T REQUIRE MECH REMOVAL)														
Description	Part Number	Pump Subassembly	Level	Additional Reference Numbers										
GLPT, Red Varnish	85244	Mechanism Component	Custom	24/24a	30	35	Eligible for PM Repair							
Rear Case Labels	Applicable PN	Case Component	Custom	1 <sup>A</sup>	18	Eligible for PM Repair								
Serial Label	41346	Case Component	Custom	4	Eligible for PM Repair									
Tubing ID Label	41015-2	Case Component	Custom	1 <sup>A</sup>	3	Eligible for PM Repair								
Rear Case Assembly	35701	Case Component	Custom	1 <sup>A</sup>	18	22	24/24a	30	35	Eligible for PM Repair				
Keyhole Assembly	35709-2	Case Component	Custom	1 <sup>A</sup>	24a	25	Eligible for PM Repair							
AC Power Adaptor	35727	Case Component	Custom	1 <sup>A</sup>	35	Eligible for PM Repair								
Pump Side Adaptor	35745	Case Component	Custom	1 <sup>A</sup>	24/24a		30	35	Eligible for PM Repair					
Keypad	55391	Case Component	Custom	1 <sup>A</sup>	2	22	24/24a	30	35	Eligible for PM Repair				
O-Ring	41022	Case Component	Custom	1 <sup>A</sup>	24/24a		30	35	Eligible for PM Repair					
Battery Gasket (Rear Case)	41041	Case Component	Custom	1 <sup>A</sup>	Eligible for PM Repair									
Spacer, Rear Case, Motor	42033	Case Component	Custom	1 <sup>A</sup>	24/24a		30	35	Eligible for PM Repair					
Scanner Bracket, Window, Screws	45705 / 45728-1 / 95214	Case Component	Custom	1 <sup>A</sup>	24/24a		30	35	Eligible for PM Repair					
Door Cover	45713	Case Component	Custom	1 <sup>A</sup>	Eligible for PM Repair									
Shielding, I/O Board	41084	PCB Component	Custom	1 <sup>A</sup>	17b	24/24a		30		34	35			
Shielding, Processor Shielding	41085	PCB Component	Custom	1 <sup>A</sup>	24/24a		30	35	Eligible for PM Repair					
Processor Board	60087-1	PCB Component	Custom	1 <sup>A</sup>	17b		20 – 31		33C	33FRE	34	V6SW	35	
Upstream Pusher	45707 / 50820-x	Mech Door Component	Custom	1 <sup>A</sup>	29	34								
Downstream Pusher	45708	Mech Door Component	Custom	1 <sup>A</sup>	28	34								

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<b>LEVEL 1 REPAIRS (REQUIRES MECH REMOVAL OR RE-PRESSURING)</b>										
<b>Description</b>	<b>Part Number</b>	<b>Pump Subassembly</b>	<b>Level</b>	<b>Additional Reference Numbers</b>						
Lower Aux	35148	Mechanism Component	<b>Level 1</b>	13	15	33V				
Upper Aux	35704-2	Mechanism Component	<b>Level 1</b>	7	8	13	15	25	33V	
Upper Latch Pin / Lower Latch Pin	50707 / 50700	Mechanism Component	<b>Level 1</b>	<u>13 – 16</u>		29	33C	33FRE		
Link	50812	Mechanism Component	<b>Level 1</b>	13	15	33V				
Front Case Assembly	35708-1	Case Component	<b>Level 1</b>	3	4	15	22	33V		
Display Gasket	41002	Case Component	<b>Level 1</b>	15	33V					
Display Foam Strip	41010	Case Component	<b>Level 1</b>	15	33V					
Label, Display Backing	41011	Case Component	<b>Level 1</b>	15	33V					
Sealing Wall	45704	Case Component	<b>Level 1</b>	15	33V					
Display	55074-3	Case Component	<b>Level 1</b>	15	33V					
I/O Board	60091	PCB Component	<b>Level 1</b>	15	<u>20 - 22</u>	<u>25 - 27</u>	29	33C	33F RE	V6SW
Finger Pressure Plate	45718	Mechanism Door Component	<b>Level 1</b>	16	33C	33FRE				
Valve Pressure Plate	45719	Mechanism Door Component	<b>Level 1</b>	16	33C	33FRE				
Mechanism Door	50815-X	Mechanism Door Component	<b>Level 1</b>	<u>14 – 16</u>		29	33C	33FRE		
Hook	50816	Mechanism Door Component	<b>Level 1</b>	<u>14 – 16</u>		29	33C	33FRE		
Finger Holder	50818	Mechanism Door Component	<b>Level 1</b>	16	33C	33FRE				
Valve Holder	50819	Mechanism Door Component	<b>Level 1</b>	16	33C	33FRE				
M2/M3 Springs	95514 / 95515	Mechanism Door Component	<b>Level 1</b>	16	33C	33FRE				

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<b>LEVEL 2 REPAIRS (SENSOR REPLACEMENT/TUBING GUIDE ADJUSTMENT)</b>								
Description	Part Number	Pump Subassembly	Level	Additional Reference Numbers				
Force Sensor	35147	Mechanism Component	Level 2	11	13	27	33V	
Ultrasonic Sensor	35711	Mechanism Component	Level 2	9	26	29	33V	
DS Tubing Guide	45712-1	Mechanism Component	Level 2	10	11	13	27	33V

<b>LEVEL 3 REPAIRS (REQUIRES SMARTSCOPE)</b>								
Description	Part Number	Pump Subassembly	Level	Additional Reference Numbers				
Motor	35076	Mechanism Component	Level 3	5	FTR			
Mechanism Sub-Assembly	35704	Mechanism Component	Level 3	10	11	25 – 27	29	FTR
Motor Sub-Assembly	35704-1	Mechanism Component	Level 3	5	FTR			
Valve Assembly	35715	Mechanism Component	Level 3	5				
Cam Shaft Assembly	35732	Mechanism Component	Level 3	5				
Fingers	45714-3	Mechanism Component	Level 3	5				
Pivot Pin	50702	Mechanism Component	Level 3	5				
Upper/Lower Bearing Mount	50803 / 50813-2	Mechanism Component	Level 3	5				
Gear	55077-2	Mechanism Component	Level 3	5				
Bearings	55139	Mechanism Component	Level 3	5				
Motor Teflon Tape	90062	Mechanism Component	Level 3	5				
Nylon CHEESEHEAD Motor Screws	95215	Mechanism Component	Level 3	5				
Pivot Pin Torsion Spring	95516	Mechanism Component	Level 3	5				

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TABLE D: PROCESSES																	
Process (Bold words to be recorded on worksheet)	Worksheet				Additional Reference Numbers												
PM Repair Process	1 <sup>A</sup>	12	24/24a	30	ITP 35700-020	35											
Standard Repair Process	1 <sup>A</sup>	12	20	22 – 24a		30	31	33V	34	V6SW	35						
Recertification Process SWI 037	1 <sup>A</sup>	12	20	22	24/24a	30	31	33V	34	V6SW	35						
Level 1 Repair	1 <sup>A</sup>	17	17a	17b	23	24/24a	28	30 – 31	34	35							
Level 2 Repair	1 <sup>A</sup>	12	15	17	17a	17b	23	24/24a	28	30	31	34	35				
Level 3 Repair	1 <sup>A</sup>	6	12	13	15 – 17b		23	24/24a	28	30	31	33C	33FRE	34	35		
Disassembly / Scrap	Custom				1		Eligible for PM Repair										
Keypad Installation	Custom				2		22	24/24a	30	35	Eligible for PM Repair						
Front Case Labeling	Custom				3		Eligible for PM Repair										
Serial Number Labeling	Custom				4		Eligible for PM Repair										
Motor/Cam Shaft/Pivot Pin Repair	Level 3				5												
Upper/Lower Bearing Mount loosened or Adjusted / SmartScope	Level 3																
Upper Aux Installation	Level 1				7		8	13		15	25	33V					
UV Glue Inspection (Upper Aux)	Level 1				8		13	15		33V							
Ultrasonic Assembly/Ultrasonic Installation	Level 2				9		26	29		33V							
DS Tubing Guide Adjustment/Verification	Level 2				10		11	13		27	33V						
Force Sensor Installation	Level 2				11		13	27		33V							
Mechanism Inspection ITP 35700-019-SVC	Custom				12		24/24a	30	35	Eligible for PM Repair							
Link & Link Switch Adjustment/Verification	Level 1				13		15	33V									
Switch Grease Inspection (New Aux / Mechanism Only)	Level 1				13 <sup>B</sup>		15	33V									
Upper and/or Lower Latch Switch Adjustment	Custom				17a		17b	24/24a	30	34	35						
Verify/Adjust Hooks	Level 1				14 – 16			29		33C		33FRE					
Mechanism removed from Front Case / Mech Installation / IO Installation	Level 1				15		33V										
Verify / Adjust Pressure Plate Travel	Level 1				16		33C	33FRE									
Case Shimming	Level 1				33V												



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TABLE D: PROCESSES																	
Process (Bold words to be recorded on worksheet)			Worksheet		Additional Reference Numbers												
Processor Board Install Only			Custom		17b		24/24a		30		34		35				
Processor Board Programming			Custom		20 – 31			33C		33FRE		34		V6SW		35	
Switch Test and Processor Board Install Only			Custom		17a	17b	24/24a		30		34	35					
Ultrasonic Sensor and/or Force Sensor Flex Disconnected			Custom		24/24a		30	34	35								
Rear Case Installation			Custom		18	22	24/24a		30		35	Eligible for PM Repair					
Rear Case Label Replacement			Custom		18		Eligible for PM Repair										
Rear Case Programing per ITP 35701-SVC		Eligible for PM Repair		Custom		19		24/24a		30		35	Apply ITP Label to FRM 102-001				
Software Update, SWI 122			Custom		20		V6SW			Eligible for PM Repair							
Thermistor Calibration per CTP 35700-003-SVC			Custom		21		24/24a		30		33V	34	35				
Initial Pump Settings per SWI 123			Custom		22		Eligible for PM Repair										
Cam Calibration per CTP 35700-004-SVC			Custom		23		24/24a		28		30 – 31		33V	34	35		
Opening the Case Halves / Case Closing per SWI 124			Custom		24/24a		30		35		Eligible for PM Repair						
Keyhole Installation per SWI 124			Custom		24a		25		Eligible for PM Repair								
Color Sensor Calibration per CTP 35700-002-SVC			Custom		25		Eligible for PM Repair										
Optical Sensor Calibration per CTP 35711-002-SVC			Custom		26		ITP 35700-020 <sup>C</sup>			Eligible for PM Repair							
Force Sensor NT Calibration per CTP 35147-001-SVC			Custom		27		28		34								
Force Sensor Scale Factor Calibration per CTP 35147-002-SVC			Custom		28		34										
Ultrasonic Calibration per CTP 35711-001-SVC			Custom		29		34										
Operating Current (F461) per ITP 35700-011-SVC			Custom		30		35		Eligible for PM Repair								
Cold Room Test per ITP 35700-007-SVC			Custom		20 <sup>E</sup>		31										
Flow Accuracy Calibration Test Run per CTP 35703-002-SVC			Custom		FTR												
Flow Accuracy Calibration per CTP 35703-002-SVC			Custom		33C		33FRE		34								
Flow Accuracy Verification per CTP 35703-002-SVC			Custom		33V												
Flow Rate Error Over Time per ITP 35703-002-SVC			Custom		33FRE												
Final Inspection Test Procedure, ITP 35700-SVC			Custom		34												

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<b>TABLE D: PROCESSES</b>			
<b>Process</b> (Bold words to be recorded on worksheet)	<b>Worksheet</b>	<b>Additional Reference Numbers</b>	
Operating or Battery Current Software Update Inspection, <b>ITP 35700-010-SVC</b>	<b>Custom</b>	V6SW	Eligible for PM Repair
AC Power Adapter Installation per <b>SWI 040</b>	<b>Custom</b>	35	Eligible for PM Repair

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**Preventive Maintenance Repair / Rework** Inspection Worksheet  
(Grey fields not required if left blank)

<b>Serial Number:</b>		<b>Form Completed By:</b>	
			Initial / Date
<b>Process(es) Performed from Table D:</b>			
<b>Approval for Part or Process not in Reference Table:</b>			
	Engineering Initial/Date or Nonconformance #		
<b>Comments/Parts:</b>			

Select Repair or Rework as applicable. Rework may be selected if a failure occurs during repair  
Check only required testing in the selected table. Highlight task upon completion.

<input type="checkbox"/> <b>Repair</b>		
Ref #	TDM Sheet	Required?
1	Disassembly/Scrap	<input type="checkbox"/>
2	Keypad Installation	<input type="checkbox"/>
3	Front Case Labeling	<input type="checkbox"/>
4	Serial Number Labeling	<input type="checkbox"/>
12	Mechanism Inspection	<b>X</b>
18	Rear Case/Rear Label Replacement	<input type="checkbox"/>
19	Rear Case Programming	<input type="checkbox"/>
20	Software Installation	<input type="checkbox"/>
22	Initial Pump Settings/Speaker Setting/IRDA Com	<input type="checkbox"/>
24	Case Closing	<b>X</b>
24a	Keyhole Installation	<b>X</b>
25	Color Sensor Calibration	<input type="checkbox"/>
26	Optical Sensor Calibration	<input type="checkbox"/>
30	Operating Current, Battery Charger and Alarm Test	<b>X</b>

<input type="checkbox"/> <b>Rework</b>		
Ref #	TDM Sheet	Required?
1	Disassembly/Scrap	<input type="checkbox"/>
2	Keypad Installation	<input type="checkbox"/>
3	Front Case Labeling	<input type="checkbox"/>
4	Serial Number Labeling	<input type="checkbox"/>
12	Mechanism Inspection	<input type="checkbox"/>
18	Rear Case/Rear Label Replacement	<input type="checkbox"/>
19	Rear Case Programming	<input type="checkbox"/>
20	Software Installation	<input type="checkbox"/>
22	Initial Pump Settings/Speaker Setting/IRDA Com	<input type="checkbox"/>
24	Case Closing	<input type="checkbox"/>
24a	Keyhole Installation	<input type="checkbox"/>
25	Color Sensor Calibration	<input type="checkbox"/>
26	Optical Sensor Calibration	<input type="checkbox"/>
30	Operating Current, Battery Charger and Alarm Test	<input type="checkbox"/>

Spectrum Pump Preventive Maintenance (PM) Procedure ITP 35700-020	<b>X</b>
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Spectrum Pump Preventive Maintenance (PM) Procedure ITP 35700-020	<input type="checkbox"/>
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V6SW	Operating or Battery Current Software Update Inspection	<b>X</b>
35	AC Power Adaptor Installation	<b>X</b>

V6SW	Operating or Battery Current Software Update Inspection	<input type="checkbox"/>
35	AC Power Adaptor Installation	<input type="checkbox"/>

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**Repair** Inspection Worksheet  
(Grey fields not required if left blank)

<b>Serial Number:</b>		<b>Form Completed By:</b>	
			Initial / Date
<b>Process(es) Performed from Table D:</b>			
<b>Approval for Part or Process not in Reference Table:</b>			
	Engineering Initial/Date or Nonconformance #		
<b>Comments/Parts:</b>			

Check only required testing. Highlight task upon completion.

Ref #	TDM Sheet	Required?
1	Disassembly/Scrap	<input type="checkbox"/>
2	Keypad Installation	<input type="checkbox"/>
3	Front Case Labeling	<input type="checkbox"/>
4	Serial Number Labeling	<input type="checkbox"/>
5	Motor, Cam Shaft, & Pivot Pin	<input type="checkbox"/>
6	Smartscope Measurement	<input type="checkbox"/>
7	Upper Aux Installation	<input type="checkbox"/>
8	UV Glue Cure Inspection	<input type="checkbox"/>
9	Ultrasonic Assembly	<input type="checkbox"/>
10	Downstream Tubing Guide Assembly	<input type="checkbox"/>
11	Force Sensor Installation	<input type="checkbox"/>
12	Mechanism Inspection	<b>X</b>
13	Link-Lower Aux	<input type="checkbox"/>
14	Hook Setup and Adjustment	<input type="checkbox"/>
15	Mechanism and I/O Installation	<input type="checkbox"/>
16	Mechanism Door Assembly-Travel Verification	<input type="checkbox"/>
17	Case Shimming	<input type="checkbox"/>
17a	Switch Testing	<input type="checkbox"/>
17b	Processor Board Installation	<input type="checkbox"/>
18	Rear Case/Rear Label Replacement	<input type="checkbox"/>
19	Rear Case Programming	<input type="checkbox"/>

Ref #	TDM Sheet	Required?
20	Software Installation	<b>X</b>
21	Thermistor Calibration	<input type="checkbox"/>
22	Initial Pump Settings/Speaker Setting/IRDA Com	<b>X</b>
23	Cam Calibration	<b>X</b>
24	Case Closing	<b>X</b>
24a	Keyhole Installation	<b>X</b>
25	Color Sensor Calibration	<input type="checkbox"/>
26	Optical Sensor Calibration	<input type="checkbox"/>
27	Force Sensor No-Tube Calibration	<input type="checkbox"/>
28	Force Sensor Calibration	<input type="checkbox"/>
29	Ultrasonic Sensor Calibration	<input type="checkbox"/>
30	Operating Current, Battery Charger and Alarm Test	<b>X</b>
31	Cold Room Test	<b>X</b>
FTR	Flow Accuracy Calibration Test Run	<input type="checkbox"/>
33C	Flow Accuracy Calibration	<input type="checkbox"/>
33V	Flow Accuracy Verification	<input type="checkbox"/>
33FRE	Flow Rate Error Over Time	<input type="checkbox"/>
34	Final Inspection Test Procedure	<b>X</b>
V6SW	Operating or Battery Current Software Update Inspection	<b>X</b>
35	AC Power Adaptor Installation	<b>X</b>

Release Status : Issued and Effective

<b>Baxter</b>	<b>DIVISION OR FUNCTION:</b>	<b>DOCUMENT No.:</b> 01143-SVC	<b>ISSUE DATE:</b> SEE STAMP
	Service	<b>REVISION:</b> J	<b>EFFECTIVE DATE:</b> SEE STAMP
	<b>OWNING GROUP:</b> Service	<b>DOCUMENT TYPE:</b> INF	
<b>TITLE:</b> 35700BAX Required Testing & Verification Reference Chart, Service			<b>PAGE 13 OF 17</b>

**Recertification** Inspection Worksheet  
(Grey fields not required if left blank)

<b>Serial Number:</b>		<b>Form Completed By:</b>	
			Initial / Date
<b>Process(es) Performed from Table D:</b>			
<b>Approval for Part or Process not in Reference Table:</b>			
	Engineering Initial/Date or Nonconformance #		
<b>Comments/Parts:</b>			

Check only required testing. Highlight task upon completion.

Ref #	TDM Sheet	Required?
1	Disassembly/Scrap	<input type="checkbox"/>
2	Keypad Installation	<input type="checkbox"/>
3	Front Case Labeling	<input type="checkbox"/>
4	Serial Number Labeling	<input type="checkbox"/>
5	Motor, Cam Shaft, & Pivot Pin	<input type="checkbox"/>
6	Smartscope Measurement	<input type="checkbox"/>
7	Upper Aux Installation	<input type="checkbox"/>
8	UV Glue Cure Inspection	<input type="checkbox"/>
9	Ultrasonic Assembly	<input type="checkbox"/>
10	Downstream Tubing Guide Assembly	<input type="checkbox"/>
11	Force Sensor Installation	<input type="checkbox"/>
12	Mechanism Inspection	<b>X</b>
13	Link-Lower Aux	<input type="checkbox"/>
14	Hook Setup and Adjustment	<input type="checkbox"/>
15	Mechanism and I/O Installation	<input type="checkbox"/>
16	Mechanism Door Assembly-Travel Verification	<input type="checkbox"/>
17	Case Shimming	<input type="checkbox"/>
17a	Switch Testing	<input type="checkbox"/>
17b	Processor Board Installation	<input type="checkbox"/>
18	Rear Case/Rear Label Replacement	<input type="checkbox"/>
19	Rear Case Programming	<input type="checkbox"/>

Ref #	TDM Sheet	Required?
20	Software Installation	<b>X</b>
21	Thermistor Calibration	<input type="checkbox"/>
22	Initial Pump Settings/Speaker Setting/IRDA Com	<b>X</b>
23	Cam Calibration	<input type="checkbox"/>
24	Case Closing	<b>X</b>
24a	Keyhole Installation	<b>X</b>
25	Color Sensor Calibration	<input type="checkbox"/>
26	Optical Sensor Calibration	<input type="checkbox"/>
27	Force Sensor No-Tube Calibration	<input type="checkbox"/>
28	Force Sensor Calibration	<input type="checkbox"/>
29	Ultrasonic Sensor Calibration	<input type="checkbox"/>
30	Operating Current, Battery Charger and Alarm Test	<b>X</b>
31	Cold Room Test	<b>X</b>
FTR	Flow Accuracy Calibration Test Run	<input type="checkbox"/>
33C	Flow Accuracy Calibration	<input type="checkbox"/>
33V	Flow Accuracy Verification	<input type="checkbox"/>
33FRE	Flow Rate Error Over Time	<input type="checkbox"/>
34	Final Inspection Test Procedure	<b>X</b>
V6SW	Operating or Battery Current Software Update Inspection	<b>X</b>
35	AC Power Adaptor Installation	<b>X</b>

Release Status : Issued and Effective

<b>Baxter</b>	<b>DIVISION OR FUNCTION:</b>	<b>DOCUMENT No.:</b> 01143-SVC	<b>ISSUE DATE:</b> SEE STAMP
	Service	<b>REVISION:</b> J	<b>EFFECTIVE DATE:</b> SEE STAMP
	<b>OWNING GROUP:</b> Service	<b>DOCUMENT TYPE:</b> INF	
<b>TITLE:</b> 35700BAX Required Testing & Verification Reference Chart, Service			<b>PAGE 14 OF 17</b>

**Custom Level** Re-Inspection Worksheet  
(Grey fields not required if left blank)

Serial Number:		Form Completed By:	
			Initial / Date
Process(es) Performed from Table D:			
Approval for Part or Process not in Reference Table:			
	Engineering Initial/Date or Nonconformance #		
Comments/Parts:			

Check only required testing. Highlight task upon completion.

Ref #	TDM Sheet	Required?
1	Disassembly/Scrap	<input type="checkbox"/>
2	Keypad Installation	<input type="checkbox"/>
3	Front Case Labeling	<input type="checkbox"/>
4	Serial Number Labeling	<input type="checkbox"/>
5	Motor, Cam Shaft, & Pivot Pin	<input type="checkbox"/>
6	Smartscope Measurement	<input type="checkbox"/>
7	Upper Aux Installation	<input type="checkbox"/>
8	UV Glue Cure Inspection	<input type="checkbox"/>
9	Ultrasonic Assembly	<input type="checkbox"/>
10	Downstream Tubing Guide Assembly	<input type="checkbox"/>
11	Force Sensor Installation	<input type="checkbox"/>
12	Mechanism Inspection	<input type="checkbox"/>
13	Link-Lower Aux <input type="checkbox"/> Grease Inspection Only	<input type="checkbox"/>
14	Hook Setup and Adjustment	<input type="checkbox"/>
15	Mechanism and I/O Installation	<input type="checkbox"/>
16	Mechanism Door Assembly-Travel Verification	<input type="checkbox"/>
17	Case Shimming	<input type="checkbox"/>
17a	Switch Testing	<input type="checkbox"/>
17b	Processor Board Installation	<input type="checkbox"/>
18	Rear Case/Rear Label Replacement	<input type="checkbox"/>
19	Rear Case Programming	<input type="checkbox"/>

Ref #	TDM Sheet	Required?
20	Software Installation	<input type="checkbox"/>
21	Thermistor Calibration	<input type="checkbox"/>
22	Initial Pump Settings/Speaker Setting/IRDA Com	<input type="checkbox"/>
23	Cam Calibration	<input type="checkbox"/>
24	Case Closing	<input type="checkbox"/>
24a	Keyhole Installation	<input type="checkbox"/>
25	Color Sensor Calibration	<input type="checkbox"/>
26	Optical Sensor Calibration	<input type="checkbox"/>
27	Force Sensor No-Tube Calibration	<input type="checkbox"/>
28	Force Sensor Calibration	<input type="checkbox"/>
29	Ultrasonic Sensor Calibration	<input type="checkbox"/>
30	Operating Current, Battery Charger and Alarm Test	<input type="checkbox"/>
31	Cold Room Test	<input type="checkbox"/>
FTR	Flow Accuracy Calibration Test Run	<input type="checkbox"/>
33C	Flow Accuracy Calibration	<input type="checkbox"/>
33V	Flow Accuracy Verification	<input type="checkbox"/>
33FRE	Flow Rate Error Over Time	<input type="checkbox"/>
34	Final Inspection Test Procedure	<input type="checkbox"/>
V6SW	Operating or Battery Current Software Update Inspection	<input type="checkbox"/>
35	AC Power Adaptor Installation	<input type="checkbox"/>

Release Status : Issued and Effective

<b>Baxter</b>	<b>DIVISION OR FUNCTION:</b>	<b>DOCUMENT No.:</b> 01143-SVC	<b>ISSUE DATE:</b> SEE STAMP
	Service	<b>REVISION:</b> J	<b>EFFECTIVE DATE:</b> SEE STAMP
	<b>OWNING GROUP:</b> Service	<b>DOCUMENT TYPE:</b> INF	
<b>TITLE:</b> 35700BAX Required Testing & Verification Reference Chart, Service			<b>PAGE 15 OF 17</b>

**Level 1** Re-Inspection Worksheet (Required Case Assembly)  
(Grey fields not required if left blank)

Serial Number:		Form Completed By:	
			Initial / Date
Process(es) Performed from Table D:			
Approval for Part or Process not in Reference Table:			
	Engineering Initial/Date or Nonconformance #		
Comments/Parts:			

Check only required testing. Highlight task upon completion.

Ref #	TDM Sheet	Required?
1	Disassembly/Scrap	<input type="checkbox"/>
2	Keypad Installation	<input type="checkbox"/>
3	Front Case Labeling	<input type="checkbox"/>
4	Serial Number Labeling	<input type="checkbox"/>
5	Motor, Cam Shaft, & Pivot Pin	<input type="checkbox"/>
6	Smartscope Measurement	<input type="checkbox"/>
7	Upper Aux Installation	<input type="checkbox"/>
8	UV Glue Cure Inspection	<input type="checkbox"/>
9	Ultrasonic Assembly	<input type="checkbox"/>
10	Downstream Tubing Guide Assembly	<input type="checkbox"/>
11	Force Sensor Installation	<input type="checkbox"/>
12	Mechanism Inspection	<input type="checkbox"/>
13	Link-Lower Aux <input type="checkbox"/> Grease Inspection Only	<input type="checkbox"/>
14	Hook Setup and Adjustment	<input type="checkbox"/>
15	Mechanism and I/O Installation	<input type="checkbox"/>
16	Mechanism Door Assembly-Travel Verification	<input type="checkbox"/>
17	Case Shimming	<b>X</b>
17a	Switch Testing	<b>X</b>
17b	Processor Board Installation	<b>X</b>
18	Rear Case/Rear Label Replacement	<input type="checkbox"/>
19	Rear Case Programming	<input type="checkbox"/>

Ref #	TDM Sheet	Required?
20	Software Installation	<input type="checkbox"/>
21	Thermistor Calibration	<input type="checkbox"/>
22	Initial Pump Settings/Speaker Setting/IRDA Com	<input type="checkbox"/>
23	Cam Calibration	<b>X</b>
24	Case Closing	<b>X</b>
24a	Keyhole Installation	<b>X</b>
25	Color Sensor Calibration	<input type="checkbox"/>
26	Optical Sensor Calibration	<input type="checkbox"/>
27	Force Sensor No-Tube Calibration	<input type="checkbox"/>
28	Force Sensor Calibration	<b>X</b>
29	Ultrasonic Sensor Calibration	<input type="checkbox"/>
30	Operating Current, Battery Charger and Alarm Test	<b>X</b>
31	Cold Room Test	<b>X</b>
FTR	Flow Accuracy Calibration Test Run	<input type="checkbox"/>
33C	Flow Accuracy Calibration	<input type="checkbox"/>
33V	Flow Accuracy Verification	<input type="checkbox"/>
33FRE	Flow Rate Error Over Time	<input type="checkbox"/>
34	Final Inspection Test Procedure	<b>X</b>
V6SW	Operating or Battery Current Software Update Inspection	<input type="checkbox"/>
35	AC Power Adaptor Installation	<b>X</b>

Release Status : Issued and Effective



<b>Baxter</b>	<b>DIVISION OR FUNCTION:</b>	<b>DOCUMENT No.:</b> 01143-SVC	<b>ISSUE DATE:</b> SEE STAMP
	Service	<b>REVISION:</b> J	<b>EFFECTIVE DATE:</b> SEE STAMP
	<b>OWNING GROUP:</b> Service	<b>DOCUMENT TYPE:</b> INF	
<b>TITLE:</b> 35700BAX Required Testing & Verification Reference Chart, Service			<b>PAGE 16 OF 17</b>

**Level 2** Re-Inspection Worksheet (Sensors and Tubing Guide)  
(Grey fields not required if left blank)

<b>Serial Number:</b>		<b>Form Completed By:</b>	
			Initial / Date
<b>Process(es) Performed from Table D:</b>			
<b>Approval for Part or Process not in Reference Table:</b>			
	Engineering Initial/Date or Nonconformance #		
<b>Comments/Parts:</b>			

Check only required testing. Highlight task upon completion.

Ref #	TDM Sheet	Required?
1	Disassembly/Scrap	<input type="checkbox"/>
2	Keypad Installation	<input type="checkbox"/>
3	Front Case Labeling	<input type="checkbox"/>
4	Serial Number Labeling	<input type="checkbox"/>
5	Motor, Cam Shaft, & Pivot Pin	<input type="checkbox"/>
6	Smartscope Measurement	<input type="checkbox"/>
7	Upper Aux Installation	<input type="checkbox"/>
8	UV Glue Cure Inspection	<input type="checkbox"/>
9	Ultrasonic Assembly	<input type="checkbox"/>
10	Downstream Tubing Guide Assembly	<input type="checkbox"/>
11	Force Sensor Installation	<input type="checkbox"/>
12	Mechanism Inspection	<b>X</b>
13	Link-Lower Aux <input type="checkbox"/> Grease Inspection Only	<input type="checkbox"/>
14	Hook Setup and Adjustment	<input type="checkbox"/>
15	Mechanism and I/O Installation	<b>X</b>
16	Mechanism Door Assembly-Travel Verification	<input type="checkbox"/>
17	Case Shimming	<b>X</b>
17a	Switch Testing	<b>X</b>
17b	Processor Board Installation	<b>X</b>
18	Rear Case/Rear Label Replacement	<input type="checkbox"/>
19	Rear Case Programming	<input type="checkbox"/>

Ref #	TDM Sheet	Required?
20	Software Installation	<input type="checkbox"/>
21	Thermistor Calibration	<input type="checkbox"/>
22	Initial Pump Settings/Speaker Setting/IRDA Com	<input type="checkbox"/>
23	Cam Calibration	<b>X</b>
24	Case Closing	<b>X</b>
24a	Keyhole Installation	<b>X</b>
25	Color Sensor Calibration	<input type="checkbox"/>
26	Optical Sensor Calibration	<input type="checkbox"/>
27	Force Sensor No-Tube Calibration	<input type="checkbox"/>
28	Force Sensor Calibration	<b>X</b>
29	Ultrasonic Sensor Calibration	<input type="checkbox"/>
30	Operating Current, Battery Charger and Alarm Test	<b>X</b>
31	Cold Room Test	<b>X</b>
FTR	Flow Accuracy Calibration Test Run	<input type="checkbox"/>
33C	Flow Accuracy Calibration	<input type="checkbox"/>
33V	Flow Accuracy Verification	<input type="checkbox"/>
33FRE	Flow Rate Error Over Time	<input type="checkbox"/>
34	Final Inspection Test Procedure	<b>X</b>
V6SW	Operating or Battery Current Software Update Inspection	<input type="checkbox"/>
35	AC Power Adaptor Installation	<b>X</b>

Release Status : Issued and Effective



<b>Baxter</b>	<b>DIVISION OR FUNCTION:</b>	<b>DOCUMENT No.:</b> 01143-SVC	<b>ISSUE DATE:</b> SEE STAMP
	Service	<b>REVISION:</b> J	<b>EFFECTIVE DATE:</b> SEE STAMP
	<b>OWNING GROUP:</b> Service	<b>DOCUMENT TYPE:</b> INF	
<b>TITLE:</b> 35700BAX Required Testing & Verification Reference Chart, Service			<b>PAGE 17 OF 17</b>

**Level 3** Re-Inspection Worksheet (Requires Smartscope)  
(Grey fields not required if left blank)

Serial Number:		Form Completed By:	
			Initial / Date
Process(es) Performed from Table D:			
Approval for Part or Process not in Reference Table:			
	Engineering Initial/Date or Nonconformance #		
Comments/Parts:			

Check only required testing. Highlight task upon completion.

Ref #	TDM Sheet	Required?
1	Disassembly/Scrap	<input type="checkbox"/>
2	Keypad Installation	<input type="checkbox"/>
3	Front Case Labeling	<input type="checkbox"/>
4	Serial Number Labeling	<input type="checkbox"/>
5	Motor, Cam Shaft, & Pivot Pin	<input type="checkbox"/>
6	Smartscope Measurement	<b>X</b>
7	Upper Aux Installation	<input type="checkbox"/>
8	UV Glue Cure Inspection	<input type="checkbox"/>
9	Ultrasonic Assembly	<input type="checkbox"/>
10	Downstream Tubing Guide Assembly	<input type="checkbox"/>
11	Force Sensor Installation	<input type="checkbox"/>
12	Mechanism Inspection	<b>X</b>
13	Link-Lower Aux	<b>X</b>
14	Hook Setup and Adjustment	<input type="checkbox"/>
15	Mechanism and I/O Installation	<b>X</b>
16	Mechanism Door Assembly-Travel Verification	<b>X</b>
17	Case Shimming	<b>X</b>
17a	Switch Testing	<b>X</b>
17b	Processor Board Installation	<b>X</b>
18	Rear Case/Rear Label Replacement	<input type="checkbox"/>
19	Rear Case Programming	<input type="checkbox"/>

Ref #	TDM Sheet	Required?
20	Software Installation	<input type="checkbox"/>
21	Thermistor Calibration	<input type="checkbox"/>
22	Initial Pump Settings/Speaker Setting/IRDA Com	<input type="checkbox"/>
23	Cam Calibration	<b>X</b>
24	Case Closing	<b>X</b>
24a	Keyhole Installation	<b>X</b>
25	Color Sensor Calibration	<input type="checkbox"/>
26	Optical Sensor Calibration	<input type="checkbox"/>
27	Force Sensor No-Tube Calibration	<input type="checkbox"/>
28	Force Sensor Calibration	<b>X</b>
29	Ultrasonic Sensor Calibration	<input type="checkbox"/>
30	Operating Current, Battery Charger and Alarm Test	<b>X</b>
31	Cold Room Test	<b>X</b>
FTR	Flow Accuracy Calibration Test Run	<input type="checkbox"/>
33C	33C Flow Accuracy Calibration	<b>X</b>
33V	33V Flow Accuracy Verification	N/A
33FRE	Flow Rate Error Over Time	<b>X</b>
34	Final Inspection Test Procedure	<b>X</b>
V6SW	Operating or Battery Current Software Update Inspection	<input type="checkbox"/>
35	AC Power Adaptor Installation	<b>X</b>

Release Status : Issued and Effective



## TcU ELECTRONIC SIGNATURE REPORT

REVISION INFORMATION				
Item ID: INF 01143-SVC			Revision ID: J	
Item Name: 35700BAX Required Testing & Verification Reference Chart, Service			Release Date: 08-May-2018	
Description:				
CHANGE INFORMATION				
CN/CR Number (if applicable): PR 1425217				
<b>Description of Change</b> (This field will be blank if required data is not available): Split Case Closing into Case Closing and Keyhole Installation. Split Case Assembly into Case Shimming, Switch Testing, and Processor Board Installation. Update of tables and forms to reflect form splits.				
<b>Reason for Change</b> (This field will be blank if required data is not available): Support Version 7 Test Data Management Release.				
APPROVALS & SIGNATURES for Document Release				
Name	Role	Workflow Step	Date of Signature	Decision Taken
Rathinavelu, Barkhavi	Author	Initiate Review	07-May-2018	Approved
Fuller, David	SME	Document Review - SME & Quality	07-May-2018	Approved
Kroening, Lee	Quality	Document Review - SME & Quality	08-May-2018	Approved
Albone, Tonya	Change Specialist 3	Release Document(s)	08-May-2018	Approved
Woodroe, Kelly	Change Specialist 3	Set Effectivity	11-May-2018	Approved

Release Status : Issued and Effective

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## TcU ELECTRONIC SIGNATURE REPORT

REVISION INFORMATION				
Item ID: INF 01143-SVC			Revision ID: J	
Item Name: 35700BAX Required Testing & Verification Reference Chart, Service			Release Date: 08-May-2018	
Description:				
CHANGE INFORMATION				
CN/CR Number (if applicable): N/A				
Description of Change (This field will be blank if required data is not available): Update Effectivity Time to 00:05				
Reason for Change (This field will be blank if required data is not available): Update Effectivity Time to 00:05				
APPROVALS & SIGNATURES for Minor Updates Release				
Name	Role	Workflow Step	Date of Signature	Decision Taken
Becking, Alicia	Change Specialist 3	Submit Change	29-May-2018	Approved
Livergood, Darcy	Group Administrator	Group Admin Review	29-May-2018	Approved
Albone, Tonya	Change Specialist 3	Review Updates	29-May-2018	Approved

Release Status : Issued and Effective

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