Creo Products Inc.	Engineering Change Order		ECO#: C624
	Originator: S. Froese		Page: 1
	Department: Engineering	Date: 12/01/98	

Engineering Changes

Part # (incl version)	Rev/Status From	To	Description	Prod line(s)	Related ECR's	Backwards compatible?	Srvc class	Prod class	Reason
57-5591A	P	A	FAB, BAFFLE, FANBOX FAN, TS3	TS3		Y	S	N/A	7
05-0078			Kit, Upgrade, ECO C624, Baffle, Fanbox, TS3						

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Add the following people to this ECO's distribution list:
Emmanuel Abiera
Aldo Salvestri
Jon Dahlgren

Print or type name:	Date:

Status	Service class	Production class	Reason for change
IN Inactive OB Obsolete PR Pre-release	R Retrofit S Next Call F Next Fail T Their Cost N Not Up-Gradable N/A Not Applicable	1 Retrofit all units 2 Finished goods 3 WIP 4 Future 5 Documentation	1 Design 2 Manufacturing 3 Assembly 4 Documentation 5 Cost 6 Maintenance 7 Reliability 8 Software 9 Other

Details of Problem and the Changes

Details: Older Trendsetters have system blowers that cannot be shut off by firmware because of the lack of control electronics (TEE board). Any Trendsetters of this vintage that run film media have the potential of crinkling the film during loading, causing film damage and imaging problems. This eco baffles the system fan so flow is directed away from the edge of the drum and the film. Any older trendsetters at customer sites running film should have this eco installed at next visit.

Any Trendsetter running film with a squirrel cage fan and no TEE board require this upgrade. The squirrel cage fan can be identified by the square cutout in the back of the fanbox. The affected machines are S94-S161. These are machines with fanbox 11-0441D-B through 11-0441D-C.

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Documentation Changes

Part #	Rev/Status From	Rev/Status To	Documents Type	Status/Resp	Type	Status/Resp	Type	Status/Resp	Type	Status/Resp

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Document Status Codes
AT – Updated document is attached
RL – Redlined document is attached
UP – No document attached, update will follow
NC – No changes required to document

Responsibility
Name of Creo employee who is responsible for updating the document

Production Implementation

Part #	Qty in Stock	Action	Qty in Process	Job # / PO #	Action	Comments

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Service Logistics Implementation

Part #	Qty in Stock	Action	Qty in Process	Job # / PO #	Action	Comments
57-5591A	0	Order parts for service				

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Field Service Implementation

Field Upgrade Kit: 05-0078 Description: Kit, upgrade, fanbox fan baffle, ts3
For units: S94 - S161

(double click spreadsheet to open it up)

Part No.	Description	Qty	Std. Unit Cost	Total Cost
57-5591A	**FAB, FANBOX FAN BAFFLE, TS3**	1	$10.00	$10.00
52-3013	M4 FLAT WASHER	2.00	$0.00	$0.00
52-3011	M4 x 25 SOCKET HEAD CAP SCREW	2.00	$0.00	$0.00
52-4204	NYLON SPACER 0.166" x 1/2" x 1/2"	2.00	$0.00	$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
	Material Cost:			**10.00**
		Hours	**Rate**	**Total**
	Labour Cost:	$ 0.25	$ 80.00	$ 20.00

Special Tools Required:

none

Field Upgrade Instructions:

1. Any Trendsetter requires this eco that: is running film media at a customer site, has no TEE board installed, and has a squirrel cage fan indicated by the square fan opening on the rear of the fanbox. The film can be crinkled by the air coming from the fan, which causes loading and imaging problems. If the machine has a TEE board, the fan is turned off by firmware during the load/unload cycles of film media as of fw version 2.20. Older trendsetters with the round fans do not put out enough airflow to cause this

problem. The Trendsetters falling under this category are machines S94 -S161 that are imaging film. If any machine in this series has had a spectrum, AL, or TEE board upgrade, this eco is not required.

2. Power down the trendsetter.
3. Open the Trendsetter fanbox and locate the system fan outlet in the upper right hand corner on the back of the fanbox. It will be covered by a 6" round finger guard.
4. If the system fan has been unplugged in the fanbox, reconnect it.
5. Remove the finger guard. Do not discard it, as it will be replaced if a TEE board is installed on the Trendsetter in the future.
6. Assemble the fan deflector with the 2 M4 screws and spacers as shown in the diagram below.
7. Apply Loctite to the M4 screws and secure the deflector over the fan opening by threading the M4 screws into the finger guard pemnuts. Ensure the vent holes in the baffle are on the bottom and right side and the louvres are pointed down.
8. If there is a rubber stop mounted on the Trendsetter frame that prevents the fanbox from closing all the way, remove the rubber stop.
9. Close and secure the fanbox and restart the Trendsetter.
10. If the machine is fitted with a TEE board in the future, remove the baffle and re-install the finger guard.

