

STEWART WARNER *South Wind* CORPORATION
SERVICE BULLETIN

ENGINE FUEL CONTROL - OIL TO FUEL HEATER
REMOVE FLAMAREST AND COAT WITH EPOXY PAINT

1. Planning Information.

A. Effectivity:

Stewart Warner models 10585E-B,D; 10585E-D; 10585E; 10585F; 10585G; and 10585H.

B. Reason:

Provide a new protective coating.

C. Description:

Remove Flamarest and coat with epoxy paint.

D. Compliance:

Code 8 - Accomplish based on experience with the prior configuration.

E. Approval:

Issued under DOT/DAA approval.

F. Manpower:

Approximately (120) hours will be required to accomplish this service bulletin.

G. Material - Cost and Availability:

Order high temperature primer kit, P/N 519X303 (PWA568) and aluminized enamel kit P/N 529X300 (PWA569) from Courtaulds Aerospace, Inc., 6022 Corporate Way, Indianapolis, IN 46278-2923 or telephone area code (317) 290-1600.

H. Tooling - Price and Availability:

None.

I. Weight and Balance:

None.

J. References:

Stewart Warner South Wind Corporation, Component Maintenance Manual with IPL, 73-10-04.

K. Other Publications Affected:

Stewart Warner South Wind Corporation, Component Maintenance Manual with IPL, 73-10-04 will be revised to incorporate this modification.

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W. If Oil to Fuel Heater is not to be installed on an engine within 21 days, prepare for storage per Overhaul Manual 73-10-04, STORAGE INSTRUCTIONS.

3. Material Information

The quantity of material listed in this section is on a per-unit basis.

<u>New P/N</u>	<u>Qty</u>	<u>Keyword</u>	<u>Old P/N</u>	<u>Disposition</u>
Not Required	1	.Plug	722496	Discard
723741	1	.Plate	723741	Discard
801-087-009	1	.Packing	801-087-009	Discard
801-087-008	1	.Packing	801-087-008	Discard
801-087-010	1	.Packing	801-087-010	Discard
801-087-007	1	.Packing	801-087-007	Discard

NOTE: All of the above items can be ordered as a kit, P/N G726375. Contact Pratt & Whitney Canada Inc. for estimated unit price or price of entire retrofit kit.

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WARNING: KEEP CONTAINERS OF PRIMER AND PRIMER CURING SOLUTION TIGHTLY CLOSED.

ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, AND FLAME.

DO NOT STORE ABOVE 120°F (49°C).

DO NOT SMOKE WHERE THIS MATERIAL IS USED OR STORED.

DO NOT APPLY TO HOT SURFACES.

EMPTY CONTAINERS MAY CONTAIN EXPLOSIVE VAPORS. VAPORS MAY ACCUMULATE IN INADEQUATELY VENTILATED OR CONFINED AREAS AND MAY FORM EXPLOSIVE MIXTURES WITH AIR. VAPORS MAY TRAVEL LONG DISTANCES. FLASHBACK OR FLAME TO THE HANDLING SITE MAY OCCUR.

CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

IN CASE OF FIRE USE CO₂, DRY CHEMICAL, OR FOAM. WATER SPRAY MAY BE INEFFECTIVE. FOG NOZZLES ARE PREFERABLE. COOL FIRE EXPOSED CONTAINERS WITH WATER. PRODUCTS OF COMBUSTION ARE HAZARDOUS INCLUDING CARBON MONOXIDE AND CARBON DIOXIDE.

WEAR NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

USE IN A WELL VENTILATED AREA. AVOID INHALATION OF PRIMER AND PRIMER CURING SOLUTION. INHALATION MAY CAUSE NASAL AND RESPIRATORY IRRITATION AND ACUTE CENTRAL NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION OR UNCONSCIOUSNESS. ASPHYXIATION MAY RESULT FROM BREATHING OXYGEN DEFICIENT AIR.

FIRST AID: REMOVE TO FRESH AIR FROM EXPOSURE. GIVE ARTIFICIAL RESPIRATION OR CARDIOPULMONARY RESUSCITATION (CPR) IF REQUIRED. IF BREATHING IS DIFFICULT, GIVE OXYGEN. KEEP WARM AND QUIET. GET MEDICAL ATTENTION.

WEAR EITHER SAFETY GLASSES OR FACE SHIELD WHILE USING PRIMER AND PRIMER CURING SOLUTION. IF PRIMER AND PRIMER CURING SOLUTION ENTERS THE EYES, FLUSH WITH WATER FOR AT LEAST 15 MINUTES, THEN HOSPITALIZE IMMEDIATELY.

WEAR NEOPRENE, GAUNTLET TYPE PROTECTIVE GLOVES WHILE USING PRIMER AND PRIMER CURING SOLUTION. PROLONGED OR REPEATED CONTACT WITH PRIMER AND PRIMER CURING SOLUTION MAY CAUSE IRRITATION, DEFATTING OR DERMATITIS. PROLONGED OR REPEATED SKIN CONTACT MAY RESULT IN SKIN SENSITIZATION IN SOME INDIVIDUALS.

FIRST AID: WASH AFFECTED AREAS WITH SOAP AND WATER. DO NOT USE SOLVENTS. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. GET MEDICAL ATTENTION.

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WARNING (CONTINUED)

INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF PRIMER AND/OR PRIMER CURING SOLUTION INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

AVOID PROLONGED AND REPEATED CONTACT WITH PRIMER AND PRIMER CURING SOLUTION. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. EFFECTS INCLUDE CONCENTRATION DIFFICULTIES, DIMINISHED ACTUAL DEXTERITY AND MEMORY LOSS.

THE HEXAVALENT CHROMIUM COMPOUND IN THE PRIMER IS LISTED AS A CARCINOGEN BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) AND THE NATIONAL TOXICOLOGY PROGRAM (NTP).

O. Mix three PWA568 primer components by volume as follows :

- (1) Primer base
- (2) Solvent
- (3) Curing agent

P. Spray primer on exterior of Oil to Fuel Heater and allow to dry for a minimum of one hour.

WARNING: KEEP CONTAINERS OF ALUMINIZED ENAMEL AND AMINE CURING SOLUTION TIGHTLY CLOSED.

ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, AND FLAME.

DO NOT STORE ABOVE 120°F (49°C).

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WARNING (CONTINUED)

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- Q. Mix two PWA569 enamel components by volume as follows:
- (1) Enamel base
 - (2) Curing agent
- R. Spray enamel on exterior of Oil to Fuel Heater and allow to dry for a minimum of 24 hours before handling.
- S. Unmask Oil to Fuel Heater.
- T. Flush and chip check Oil to Fuel Heater per Overhaul Manual 73-10-04, FLUSHING. Do not disassemble Oil to Fuel Heater during this final flushing procedure.
- U. Stamp identification plate (80) with model number, serial number, and SB08.
- V. Attach identification plate (80) onto face of Oil to Fuel Heater core.