



2900 Selma Highway  
Montgomery, AL 36108 USA  
Tel: 334-386-5400 Fax: 334-386-5450

# SERVICE LETTER

**Service Letter No. 076**

## South Wind Heater Inspection

### 1. Planning Information

#### A. Effectivity

- (1) South Wind combustion heater models 921, 930, 937, 940, 944, 945, 977, 978, 979, 8240, 8253, 8259, and 8472 (all dash number and model number variants) are affected by this Service Letter (SL).
  - (a) Aircraft Type/Model and combustion heater part numbers affected by this SL are shown in Table 1.

**NOTE:** Table 1 is for reference only and is not an all-inclusive list of aircraft affected by this SL. It is the responsibility of the owner/operator to verify whether an affected combustion heater is installed.

**WARNING:** DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THIS SERVICE LETTER. INFORMATION CONTAINED HEREIN MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. FAILURE TO COMPLY WITH THIS SERVICE LETTER OR THE USE OF OBSOLETE INFORMATION MAY CREATE AN UNSAFE CONDITION THAT MAY RESULT IN DEATH, SERIOUS BODILY INJURY, AND/OR SUBSTANTIAL PROPERTY DAMAGE. REFER TO THE JANITROL AERO WEBSITE, WWW.JANITROL.AERO, FOR THE MOST RECENT REVISION LEVEL OF THIS SERVICE LETTER.

#### B. Concurrent Requirements

- (1) None

#### C. Reason

- (1) A condition has been reported where deterioration of the combustion tube on affected South Wind combustion heaters could lead to smoke and fumes entering the cabin.
- (2) Airworthiness Directive (AD) 2017-06-03 was issued to address inspection and repair or disabling requirements of affected South Wind combustion heaters.

#### D. Description

- (1) This Service Letter provides notification of AD 2017-06-03.
- (2) This service letter contains AMOC options as terminating action for AD 2017-06-03. Refer to section 2.A, Materials Required.

#### E. Approval

- (1) FAA acceptance has been obtained on the technical data in this publication that affects type design.

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#### F. References

- (1) ES1035 Rev. New or later FAA approved revision - 8000 Series Supplemental Owner's Manual for Janitrol Aero Modified Meggitt/South Wind Heaters.
- (2) Applicable South Wind 900 Series Heater Maintenance Manual.
- (3) Applicable aircraft POH or AFM.
- (4) Aircraft maintenance manual (as applicable).

#### G. Weight and Balance

- (1) No Change

## **2. Material Required**

#### A. Three (3) AMOC options are available as terminating action for AD 2017-06-03:

- (1) Replace affected combustion heater with one listed in Option 1 column, Overhaul Exchange, of Table 1.
  - (a) The Overhaul Exchange is a Hartzell Engine Technologies (HET) overhauled South Wind heater modified per HET's AMOC to AD 2017-06-03.
  - (b) Part Numbers shown in Table 1, Option 1, are HET Catalog Part Numbers. AMOC overhauled heaters will display an OEM Part Number along with AMOC information on the data tag.
  - (c) Instructions for Continued Airworthiness (ICA) is per HET manual ES1035 Rev. New or later FAA approved revision.
- (2) Replace affected combustion heater with one listed in Option 2 column, New Exchange, of Table 1.
  - (a) A New Exchange is replacement of the affected South Wind heater with a new HET PMA or STC approved replacement heater.
- (3) Field-replace affected heater components utilizing Alternate Methods of Compliance Kits found in Table 2.
  - (a) Kits are available to allow the field to upgrade affected South Wind heaters per HET's AMOC to AD 2017-06-03.
  - (b) Instructions for Continued Airworthiness (ICA) is per HET Manual ES1035 Rev. New or later FAA approved revision.

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(c) If field-replacement is desired, HET suggests the service facility listed below:

Harold Haskins, Inc.  
116 Race Track Rd.  
Dothan, AL 36303-0911  
Phone Number: (334) 873-4116  
email: haroldhaskinsinc@gmail.com

### **3. Contact Information**

A. Contact HET Product Support for all communications regarding the technical content of this Service Letter.

- (1) Phone +1.334.386.5400 (Option 2)
- (2) Fax +1.334.386.5450
- (3) E-mail at techsupport@HartzellEngineTech.com
- (4) Address

Hartzell Engine Technologies LLC - ATTN: Product Support  
2900 Selma Highway  
Montgomery, AL 36108  
USA

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Affected South Wind Heater PN	Aircraft Make	Aircraft Model/Series	(Option 1) AMOC Overhauled Exchange PN	(Option 2) New Exchange PN
8259HL2	Cessna	401, 401A, 401B, 402, 402A, 402B, 402C, 404	† AMOC8259HL2	CD14071-1
8259GL1, 8259GL2, 8259HL1	Cessna	401, 401A, 401B, 402, 402A, 402B, 402C, 404	* (See Footnote)	CD14071-1
8472E	Cessna	414, S/N 414-0262 thru 414-0900	† AMOC8472E	CD14078-1
8472C	Cessna	421B, S/N 421B-229 and up, 421C, S/N 421C-0001 thru 421C-0200	† AMOC8472C	CD14078-1
8259L	B-N Group	BN-2, BN-2A, BN-2A-2, BN-2A-3, BN-2A-6, BN-2A-8, BN-2A-9, BN-2A-20, BN-2A-21, BN-2A-26, BN-2A-27, BN-2B-20, BN-2B-21, BN-2B-26, BN-2B-27	† AMOC8259L	CD14070-1
8259JR2	Cessna	310R, S/N 310R-0801 and up, T310R, S/N T310R-0801 and up	† AMOC8259JR2	CD14073-1
8259HR2	Cessna	310R, S/N 310R-0001 thru 310R-0800, T310R, S/N T310R-0001 thru T310R-0800	† AMOC8259HR2	CD14072-1
8240A, 8253B	Cessna	310A, S/N 35547 and up, 310B, 310C, 310D, 310E, 310F, 310G, 310H, E310H, 320, 320-1, 320A, 320B	* (See Footnote)	CD12065-1
8240C	Cessna	310A, S/N 35547 and up, 310B, 310C, 310D, 310E, 310F, 310G, 310H, E310H, 320, 320-1, 320A, 320B	* (See Footnote)	CD12065-1
8472D	Cessna	340, 340A, S/N 340A-0001 thru 340A-0200	† AMOC8472D	CD14077-1
8240E	Cessna	310Q, S/N 310Q-0454 and up, T310Q, S/N T310Q-0454 and up	* (See Footnote)	CD12064-1
* Contact Hartzell Engine Technologies LLC Sales Dept. for available options at Phone +1.334.386.5400 (Option 1). † HET Catalog PN.				

**Table 1 - Heater/Aircraft Effectivity**

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### South Wind Heater Inspection

Affected South Wind Heater PN	Aircraft Make	Aircraft Model/Series	(Option 1) AMOC Overhauled Exchange PN	(Option 2) New Exchange PN
979-B12, 940B12, 940DA12, 940DB12, 940K12, 464320, 464321, 464324, 464338, 464352 with Fuel Injected Engines	Piper	PA-23-250, E23-250, S/N 27-1 thru 27-258, 27-365 thru 27-401, 27-403 thru 27-2297, 27-2299 thru 27-2330, 27-2332 thru 27-3049, 27-3051 thru 27-3153 (WITH FUEL INJECTED ENGINES)	-	CD11005K2(F)
8259A, 8259DL, 8259FL,	Cessna	411, 411A	* (See Footnote)	CD14066-1
8259FL1	Cessna	411, 411A	† AMOC8259FL1	CD14066-1
979-B12, 940B12, 940DA12, 940DB12, 940K12, 464320, 464321, 464324, 464338, 464352	Piper	PA-23, PA-23-160, -235 S/N 27-505 thru 27-622	-	CD11005K1
940	Piper	PA-30, S/N 30-2 thru 30-401	-	CD12006K4
979-B12, 940B12, 940DA12, 940DB12, 940K12, 464320, 464321, 464324, 464338, 464352 with Carbureted Engines	Piper	PA-23-250, E23-250, S/N 27-1 thru 27-258, 27-365 thru 27-401, 27-403 thru 27-2297, 27-2299 thru 27-2330, 27-2332 thru 27-3049, 27-3051 thru 27-3153 (WITH CARBURETED ENGINES)	-	CD11005K2(C)
8240A, 8253B	Beechcraft	D18S, D18C, E18S, C-45G, TC-45G, C-45H, TC-45H, TC-45J, UC-45J (SNB-5), E18S-9700, G18S, H18, JRB-6, 3N, 3NM, 3TM	* (See Footnote)	CD12065-1
8240C	Beechcraft	D18S, D18C, E18S, C-45G, TC-45G, C-45H, TC-45H, TC-45J, UC-45J (SNB-5), E18S-9700, G18S, H18, JRB-6, 3N, 3NM, 3TM	* (See Footnote)	CD12065-1
8259M	Cessna	335	† AMOC8259M	CD14075-1
* Contact Hartzell Engine Technologies LLC Sales Dept. for available options at Phone +1.334.386.5400 (Option 1). † HET Catalog PN.				

**Table 1 - Heater/Aircraft Effectivity (cont'd)**

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### South Wind Heater Inspection

<b>Affected South Wind Heater PN</b>	<b>Aircraft Make</b>	<b>Aircraft Model/Series</b>	<b>(Option 1) AMOC Overhauled Exchange PN</b>	<b>(Option 2) New Exchange PN</b>
977-B	Sierra Hotel Aero	Navion (L-17A) Navion A (L-17B, -17C) Navion B, D, E, F, G, H	-	CD11007K8
940	Cessna	190, 195, A, B	-	CD11214K5
940	Cessna	310, A S/N 35000 thru 35546	-	CD14010K3
940DA24, 940D24, 464323, 464341	Piper	PA-23-250, E23-250 S/N 27-259 thru 27-364, 27-402, 27-2298, 27-2331	-	CD11006K2

**Table 1 - Heater/Aircraft Effectivity (cont'd)**

<b>Affected South Wind Heater PN</b>	<b>(Option 3) AMOC Overhaul Kit PN</b>
8259-HL1, -HL2, -L, -HR2, -JR2, -M	81033
8259-FL1, -GL1, -GL2	81049
8259-A, -C, -DL	81048
8240-E	81032
8240-A, -C	81047
8472-C, -D, -E	81034

**Table 2 - AMOC Overhaul Kits**