



SERVICE BULLETIN

Customer
Support

ATA SYSTEM: 49-41

S.B. NUMBER: S.B.CH92036-49-41-02-001-R1

SUBJECT: Airborne Auxiliary Power - Ignition Starting - Ignition Exciter Tank Capacitor Upgrade.

1. Planning Information.

A. Effectivity.

- (1) Units Effected: Champion P/N: CH92036
Honeywell P/N: 3888058-7

B. Reason.

- (1) Problem/Condition.

A limited number of tank capacitors (P/N: 8160087), have the potential for limited service life. When the tank capacitor malfunctions, the result is no spark output of the exciter, which may cause a no-start condition of the APU.

- (2) Evidence.

Tank capacitor supplier has identified a manufacturing discrepancy with capacitors from a limited number of manufacturing lots. This condition may result in reduced service life of the capacitors.

C. Description.

This service bulletin is provided to enable operators to properly identify potentially affected ignition exciters.

D. Compliance.

This service bulletin is voluntary. Champion Aerospace, Inc., recommends that operators identify any units carrying serial numbers listed below and return the units to the address provided.

996971100259	006971100258	006971100868	006971100878	016971100381
996971100482	006971100713	006971100869	006971101378	016971100382
996971100483	006971100714	006971100870	006971101386	016971100383
996971100485	006971100715	006971100871	016971100089	016971100385
996971100569	006971100717	006971100872	016971100096	016971100386
996971100570	006971100718	006971100873	016971100144	016971100387
996971100571	006971100719	006971100874	016971100150	016971100388
006971100255	006971100720	006971100875	016971100229	016971100392
006971100256	006971100864	006971100876	016971100378	
006971100257	006971100866	006971100877	016971100380	

E. Approval.

This service bulletin contains no modification information that revises the approved configuration and therefore does not require governmental or other regulatory agency approval.

F. Manpower.

As this service bulletin is voluntary, labor charges will not be reimbursed.

G. Weight and Balance - Not Affected.

H. Electrical Load Data - Not Affected.

I. References.

Component Maintenance Manual 49-41-01, dated 9/5/00.

J. Other Publications Affected.

Component Maintenance Manual 49-41-01, dated 9/5/00.

K. Industry Support Information - Warranty.

The replacement of the subject tank capacitors and freight charges of the updated exciters to the operators will be at no charge. Freight charges on loaner exciters returned to Champion Aerospace, Inc., will also be accepted at no charge.

L. Tooling - Price and Availability - Not applicable.

2. Accomplishment Instructions.

A. Following identification of tail numbers and location of suspect ignition exciters, Champion Aerospace, Inc., will accomplish the following:

- (1) Make available a limited quantity of loaner ignition exciters.
- (2) Coordinate with each operator to schedule delivery of the loaner ignition exciters.
- (3) Make arrangements to have suspect ignition exciters returned to Champion Aerospace, Inc., for replacement of tank capacitors.
- (4) Return re-worked ignition exciters (new tank capacitors) to operators in exchange for loaner unit.
- (5) By necessity, this will be accomplished on a first come, first served basis.

3. Material Information.

No materials are required for this service bulletin. Please review the serial numbers listed in Section 1. D. If any ignition exciters are identified from the list, return exciter to:

Champion Aerospace, Inc.
Attn: Lloyd Lessor
1230 Old Norris Rd.
Liberty, South Carolina 29657
(864) 843-5414 or e-mail: Lloydlessor@champaero.com