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

Service Bulletin

Service Bulletin No. 227

Maintenance Manual PM6003: SP-20/SP-200 Series Magneto ICA

PowerUp™ is a trademark of Hartzell Engine Tech LLC

1. Planning Information

A. Effectivity

(1) New and overhauled PowerUp™ SP-20/SP-200 Series magnetos manufactured and shipped by Hartzell Engine Tech LLC (HET).

(2) PowerUp™ P/Ns ES-5136X-X, ES-5005XX-X, and ES-6006XX-X magneto assemblies shipped by HET are affected by this SB.

WARNING: DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THIS SERVICE BULLETIN. INFORMATION CONTAINED HEREIN MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. FAILURE TO COMPLY WITH THIS SERVICE BULLETIN 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 WWW.POWERUPIGNITION.AERO FOR THE MOST RECENT REVISION LEVEL OF THIS SERVICE BULLETIN.

B. Concurrent Requirements

(1) None

C. Reason

(1) To communicate Instructions for Continued Airworthiness (ICA) while servicing HET manufactured SP-20/SP-200 Series magnetos.

D. Description

(1) This Service Bulletin provides reference to Instructions for Continued Airworthiness (ICA).

E. Compliance

(1) During all scheduled and unscheduled magneto maintenance events, perform Section 3, Accomplishment Instructions, of the this document.

F. Approval

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

G. Manpower

(1) None

H. References

(1) HET Manual PM6003: *Magneto Maintenance Manual for SP-20/SP-200 Series Magnetos.*

2025 - Hartzell Engine Tech - All rights reserved

I. Other Publications Affected

(1) None

J. Weight and Balance

(1) No Change

2. Material Required

(1) None

3. Accomplishment Instructions

CAUTION 1: DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THIS SERVICE BULLETIN AND THE APPLICABLE AIRCRAFT ENGINE MAINTENANCE MANUAL. INFORMATION CONTAINED IN THESE MANUALS OR THIS SERVICE BULLETIN MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. FAILURE TO COMPLY WITH THIS SERVICE BULLETIN 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 POWERUP WEBSITE (WWW.POWERUPIGNITION.AERO) FOR THE MOST RECENT REVISION LEVEL OF THIS SERVICE BULLETIN.

CAUTION 2: DO NOT DEPEND ON THIS SERVICE BULLETIN FOR GAINING ACCESS TO THE ENGINE OR MAGNETOS. ACCESS REQUIRES THE USE OF THE APPLICABLE MANUFACTURER'S MAINTENANCE MANUALS OR SERVICE INSTRUCTIONS. IN ADDITION, ANY PREFLIGHT OR IN FLIGHT OPERATIONAL CHECKS REQUIRE USE OF THE APPROPRIATE AFM OR POH.

A. Magneto Identification and Action

(1) While performing scheduled or unscheduled maintenance on any and all magnetos, inspect the datatag on the magneto assembly to ensure the correct maintenance manuals and service documents are utilized for tasks.

(a) For Affected Model/Series Only:

1) If the datatag **does** display HET's **PowerUp**™ data, reference HET Manual PM6003 Rev. New or later FAA accepted revision for servicing information. See Fig. 1.

2) If the datatag does **not** display HET's **PowerUp**™ data as shown in Fig. 1, reference the latest manufacturers maintenance manual for the magneto part number being serviced.

© 2025 - Hartzell Engine Tech - All rights reserved

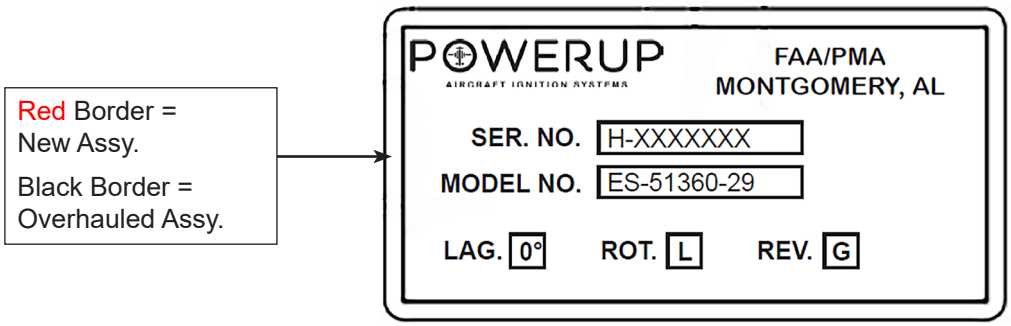

Figure 1 - PowerUp™ SP-20/SP-200 Datatag

4. Contact Information

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

(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 Tech LLC
2900 Selma Highway,
Montgomery, AL 36108
USA

© 2025 - Hartzell Engine Tech - All rights reserved