

TECHNISCHE INFORMATION NR. SI 36-124

HINWIS: Technische Informationen werden **nur** verwendet um:
1) Informationen von DAI an unsere Kunden weiterzugeben.
2) Informationen / Dokumente von unseren Zulieferern mit zusätzlichen Informationen an unsere Kunden weiterzugeben.
Typischerweise unterstehen Technische Informationen keinem Revisionsdienst. Neue Informationen oder Änderungen dieser werden durch eine neue Technische Information weitergegeben.

SERVICE INFORMATION NO. SI 36-124

NOTE: SIs are used **only**.
1) To distribute information from DAI to our customers.
2) To distribute applicable information / documents from our suppliers to our customers with additional information.
Typically there is no revision service for SIs. Each new information or change of that will be sent along with a new SI.

I. TECHNISCHE ANGABEN

1.1 Betroffene Flugzeuge:

Alle H36 und HK 36 mit Limbach Motoren

1.2 Gegenstand

ATA Code: 79-00
Limbach L 2000 and L 2400

1.3 Anlass

Limbach Flugmotoren GmbH hat das Technische Bulletin Nr. 20.4 herausgegeben, welches neue Wartungsintervalle für SLICK Magnete vorschreibt.

1.4 Information

Weitere technische Informationen sind im Limbach Flugmotoren GmbH Technisches Bulletin Nr. 20.4 enthalten welches ohne weitere Ergänzungen und Einschränkungen anwendbar ist.

I. TECHNICAL DETAILS

1.1 Airplanes affected:

All H 36 and HK 36 with Limbach engines

1.2 Subject

ATA Code: 79-00
Limbach L 2000 and L 2400

1.3 Reason

Limbach Flugmotoren GmbH issued Technical Bulletin No. 20.4 mandating new service intervals for SLICK magnetos.

1.4 Information

For detailed technical information refer to Limbach Flugmotoren GmbH Technical Bulletin No. 20.4 which is applicable without any further additions or restrictions.

II. SONSTIGES

Bei etwaigen Fragen kontaktieren Sie bitte Limbach Flugmotoren GmbH.

Limbach Flugmotoren GmbH
Technisches Bulletin Nr. 20.4 liegt dieser Technischen Information bei.

II. OTHER INFORMATION

In case of doubt contact Limbach Flugmotoren GmbH.

Limbach Flugmotoren GmbH Technical Bulletin No. 20.4 is attached to this Service Information.

Subject: Magneto Slick 4030, 4201, 4230, 4301, 4330

Affected engine models: All engine models:

L 1700
L 2000
L 2400 EB/EE

Background information: Change of service intervals for SLICK-Magnetos

Priority: immediate

Compliance: SLICK 4030:
Total operating time may not exceed 250 hrs. Replace Magneto after 250 hrs operating time. See latest issue of Maintenance Instruction No 17 for details.

SLICK 4201, 4230, 4301, 4330:

The above-mentioned magnetos must be completely overhauled after 1000 operating hours or latest after 12 years.

A visual inspection of the magneto and a check of the ignition timing must be carried out every 50 operating hours. The ignition timing must not be adjusted by more than 3 mm from the installation position (measured at the flange circumference).

Every 250 hours of operation or every 2 years at the latest, the magneto must be removed, disassembled and inspected. All inspection points can be found in the Master Service Manual and the current service bulletins from Champion Aerospace or Kelly Aerospace.

Lubricate the magneto coupling every 25 hours of operation (on all engines except L 1700 EA/ED, L 2000 EA/DA).

Applies to L 1700 E0/EB/EC, L 2000 E0/EB/EC and L 2400 EB/EE:

Every 4 years the spider coupling for the magneto clutch must be replaced!

For this purpose, the ignition magneto must be removed.

"Removal and installation of the magneto" - see Maintenance Instruction 18, current edition.

Note:

If the visual inspection reveals oil leakage from the bottom vent, the magneto must be removed and overhauled.

Furthermore the ignition magnetos must be replaced if one of the following cases occur:

- in case of a sudden engine stoppage
- in case of lightning strike
- in case of shock loading, propstrike or immersion

In conjunction with the major overhaul (TBO) of the engine, the magneto (both magnetos on L 2000 DA) checked and replaced if necessary.

Please note that the last inspection and the total running time of the magnet must be stated when placing the order!

If the aforementioned information is not observed or concealed, the liability of the holder for damage remains even after a possible overhaul or inspection of the magnet.

When placing your order, please consider that a certain lead time is required for the delivery of the magnetos.

Source: Limbach Flugmotoren GmbH, Kotthausener Str.5, 53639 Königswinter, Germany
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Approval: The technical content of this document is approved under the Authority of EASA ref. approval number 10077418 and have been produced in accordance with alternative procedure to DOA nr. EASA.AP509.

Note: This document has been translated to the best of our knowledge. In case of doubt however only the German original shall be considered authoritative.