

# SUPPLEMENT D10 TO THE AIRPLANE FLIGHT MANUAL DA 40 NG

# **New Low-Pressure Fuel Pump**

Doc. No. : 6.01.15-E

Date of Issue : 16-Feb-2023

Design Change Advisory : DEO 40-010

The technical information contained in this document has been approved under the authority of DOA No. EASA.21J.052.



DA 40 NG AFM Supplement D10

Intentionally left blank.



### 0.1 RECORD OF REVISIONS

| Reason | Chap-<br>ter | Page(s)        | Date of<br>Revision    | Approval<br>Note                        | Date of<br>Approval                          | Date<br>Inserted   | Signature   |
|--------|--------------|----------------|------------------------|---|--|--|---|
|        |              |                |                        |   |  |  |   |
|        |              |                |                        |   |  |  |   |
|        |              |                |                        |   |  |  |   |
|        |              |                |                        |   |  |  |   |
|        |              |                |                        |   |  |  |   |
|        |              |                |                        |   |  |  |   |
|        |              |                |                        |   |  |  |   |
|        |              |                |                        |   |  |  |   |
|        | Reason       | Reason Chapter | Reason Chapter Page(s) | Reason Chapter Page(s) Date of Revision | Reason Chapter Page(s) Date of Revision Note | Reason Chapter Page(s) Date of Revision Approval Note Date of Approval | Reason Chapter Page(s) Date of Revision Approval Note Date of Approval Inserted |



# 0.2 LIST OF EFFECTIVE PAGES

| Chapter | Page    | Date        |
|---------|---------|-------------|
|         | 9-D10-1 | 16-Feb-2023 |
|         | 9-D10-2 | 16-Feb-2023 |
| 0       | 9-D10-3 | 16-Feb-2023 |
| U       | 9-D10-4 | 16-Feb-2023 |
|         | 9-D10-5 | 16-Feb-2023 |
|         | 9-D10-6 | 16-Feb-2023 |
| 1       | 9-D10-7 | 16-Feb-2023 |
| 2       | 9-D10-7 | 16-Feb-2023 |
| 3       | 9-D10-7 | 16-Feb-2023 |
| 4A      | 9-D10-7 | 16-Feb-2023 |
| 4B      | 9-D10-7 | 16-Feb-2023 |
| 5       | 9-D10-7 | 16-Feb-2023 |
| 6       | 9-D10-8 | 16-Sep-2023 |
| 7       | 9-D10-9 | 16-Feb-2023 |
| 8       | 9-D10-9 | 16-Feb-2023 |



# **0.3 TABLE OF CONTENTS**

| 1.  | GENERAL                                     | . 7 |
|-----|---|-----|
| 2.  | OPERATING LIMITATIONS                       | 7   |
| 3.  | EMERGENCY PROCEDURES                        | . 7 |
| 4A. | NORMAL OPERATING PROCEDURES                 | . 7 |
| 4B. | ABNORMAL OPERATING PROCEDURES               | . 7 |
| 5.  | PERFORMANCE                                 | . 7 |
| 6.  | MASS AND BALANCE                            | 8   |
| 7.  | DESCRIPTION OF THE AIRPLANE AND ITS SYSTEMS | 9   |
| 8.  | AIRPLANE HANDLING, CARE AND MAINTENANCE     | 9   |



DA 40 NG AFM Supplement D10

#### **FOREWORD**

This document is protected by copyright. All associated rights, in particular those of translation, reprinting, radio transmission, reproduction by photo-mechanical or similar means and storing in data processing facilities, in whole or part, are reserved.

Copyright © by: DIAMOND AIRCRAFT INDUSTRIES GMBH

Nikolaus-August-Otto-Strasse 5 2700 Wiener Neustadt, Austria

Phone : +43-2622-26700 Fax : +43-2622-26780

E-Mail : office@diamondaircraft.com

Any occurrence related to this DEO shall be reported in writing to the address above or submitted to E-Mail: <a href="mailto:airworthiness-austria@diamondaircraft.com">airworthiness-austria@diamondaircraft.com</a>



#### 1. **GENERAL**

A new electrical fuel pump is replacing the former model for obsolescence reasons. The new fuel pump requires different brackets for installation.

#### 2. OPERATING LIMITATIONS

No change.

#### 3. EMERGENCY PROCEDURES

No change.

#### **4A. NORMAL OPERATING PROCEDURES**

No change.

#### **4B. ABNORMAL OPERATING PROCEDURES**

No change.

#### 5. PERFORMANCE

No change.



DA 40 NG AFM Supplement D10

# 6. MASS AND BALANCE

| Airplane Serial No.: |      | Registration:      |              | Date: |           | Mass |    | Lever Arm |   |
|----------------------|------|--------------------|--------------|-------|-----------|------|----|-----------|---|
| Description          | Туре | Part No.           | Manufacturer | S/N   | installed | lb   | kg | in        | m |
| ENGINE FUEL PUMPS    |      |                    |              |       |           |      |    |           |   |
| Fuel pumps (2x)      |      | E44-9028-11-01_EPA | Bosch        |       |           |      |    |           |   |

| Page 9-D10-8   | 16-Feb-2023  | Rev. 0 | Doc. # 6.01.15-E |
|----------------|--------------|--------|------------------|
| 1 age 3 D 10 0 | 10 1 65 2023 | 1100.0 | DOC. # 0.01.10 L |



# 7. DESCRIPTION OF THE AIRPLANE AND ITS SYSTEMS No change.

8. AIRPLANE HANDLING, CARE AND MAINTENANCE No change.

Doc. # 6.01.15-E 16-Feb-2023 Rev. 0 Page 9-D10-9



DA 40 NG AFM Supplement D10

Intentionally left blank