

**SUPPLEMENT M15**  
**TO THE AIRPLANE FLIGHT MANUAL**  
**DA 62**  
**ON TOP EXHAUST SYSTEM**

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## 0.1 RECORD OF REVISIONS

Rev. No.	Reason	Chapter	Page(s)	Date of Revision	Approval Note	Date of Approval	Date Inserted	Signature

## 0.2 LIST OF EFFECTIVE PAGES

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## 1. GENERAL

The DA 62 can be equipped with an optional On Top Exhaust System.

## **2. OPERATING LIMITATIONS**

No change.

## **3. EMERGENCY PROCEDURES**

No change.

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

No change.

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

No change.

**5. PERFORMANCE****5.3.6 TAKE-OFF DISTANCE****NOTE**

Add 4 m (13 ft) to the take-off ground roll.

**NOTE**

Add 10 m (33 ft) to the take-off distance over a 15 m (50 ft) obstacle.

<b>Values for ISA and MSL, at 2300 kg (5071 lb)</b>	
Take-off distance over a 50 ft (15 m) obstacle.	843 m (2766 ft)
Take-off ground roll.	484m (1588 ft)

**NOTE**

The rate of climb with a power setting of 100% is 998 ft/min (5.0 m/s) at 2300 kg (5071 lb) at MSL and ISA standard conditions and flaps in T/O position.

**5.3.7 CLIMB PERFORMANCE****NOTE**

Reduce climb performance by 20 ft/min.

**5.3.8 ONE ENGINE INOPERATIVE CLIMB PERFORMANCE****NOTE**

Reduce one engine inoperative climb performance by 20 ft/min.

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### 5.3.9 TIME, FUEL AND DISTANCE TO CLIMB

#### NOTE

Performance information not published for the airplane configuration.

### 5.3.10 CRUISE PERFORMANCE

#### NOTE

Reduce cruising performance by 4 KTAS.

### 5.3.12 GO-AROUND CLIMB PERFORMANCE

Constant Gradient of Climb, Values for ISA and MSL	
At 2300 kg (5071 lb)	4.4% (equals 2.5° climb angle) or 393 ft/min
At 1999 kg (4407 lb)	7.3% (equals 4.2° climb angle) or 613 ft/min

## 6. MASS AND BALANCE

No change.

## **7. DESCRIPTION OF THE AIRPLANE AND ITS SYSTEMS**

### **7.1 INTRODUCTION**

The DA 62 can be equipped with an optional On Top Exhaust System. The system consists of an exhaust pipe and an exhaust muffler.

The exhaust pipe is mounted to the turbo charger exhaust. The exhaust muffler is mounted to the engine nacelle via a bracket and four elastomeric shock mounts.

## **8. AIRPLANE HANDLING, CARE AND MAINTENANCE**

No change.