

RECOMMENDED SERVICE BULLETIN NO. RSB 40-08

I. TECHNICAL DETAILS

1.1 Category:

Recommended

1.2 Airplanes affected:

DA 40 serial numbers from 40.006 to 40.074

1.3 Time of Compliance:

none

1.4 Subject:

Temporary Revision of the Flight Manual

ATA-Code: - - - -

1.5 Reason:

Due to a conversion error in publishing the take-off distance chart, the take off distances from metres to feet have been corrected.

This corrected version is published with Temporary Revision TR-MÄM-40-069

1.6 Concurrent documents:

- ✧ DA 40 Airplane Flight Manual (AFM), Doc.No. 6.01.01-E
- ✧ DA 40 Flughandbuch (FHB), Doc.No. 6.01.01

1.7 Approval:

The information and instructions contained in this document relate to change no. MÄM 40-069, which has been approved under the authority of JAA Design Organisation Approval No. MOT JA-01

The technical information contained in this document has been approved under the authority of JAA Design Organisation Approval No. MOT JA-01.

1.8 Accomplishment/Instructions

1. Furnish the Airplane Flight Manual with attached Temporary Revision TR-MÄM-40-069

1.9 Recurring Actions

none

1.10 Mass (Weight) and CG:

not affected

II. PLANNING INFORMATION**2.1 Material & Availability:**

The Temporary Revision can be obtained from Diamond Aircraft Industries GmbH or from your local General Distributor or Diamond Service Center

2.2 Special Tools:

not required

2.3 Labour effort:

10 Minutes

2.4 Reference documents:

none

III. REMARKS

- 3.1 If the Aircraft is furnished with AFM Revision 6 or higher this RSB 40-08 becomes obsolete.
- 3.2 The actions may be carried out by a competent person.
- 3.3 Accomplishment of this RSB must be confirmed in the log book.

TEMPORARY REVISION
TR-MÄM-40-069
Corrected Take-Off Chart

This Temporary Revision TR-MÄM-40-069 is approved in conjunction with the Mandatory Design Change Advisory MÄM 40-069 and is valid in conjunction with the Airplane Flight Manual Revision 5.

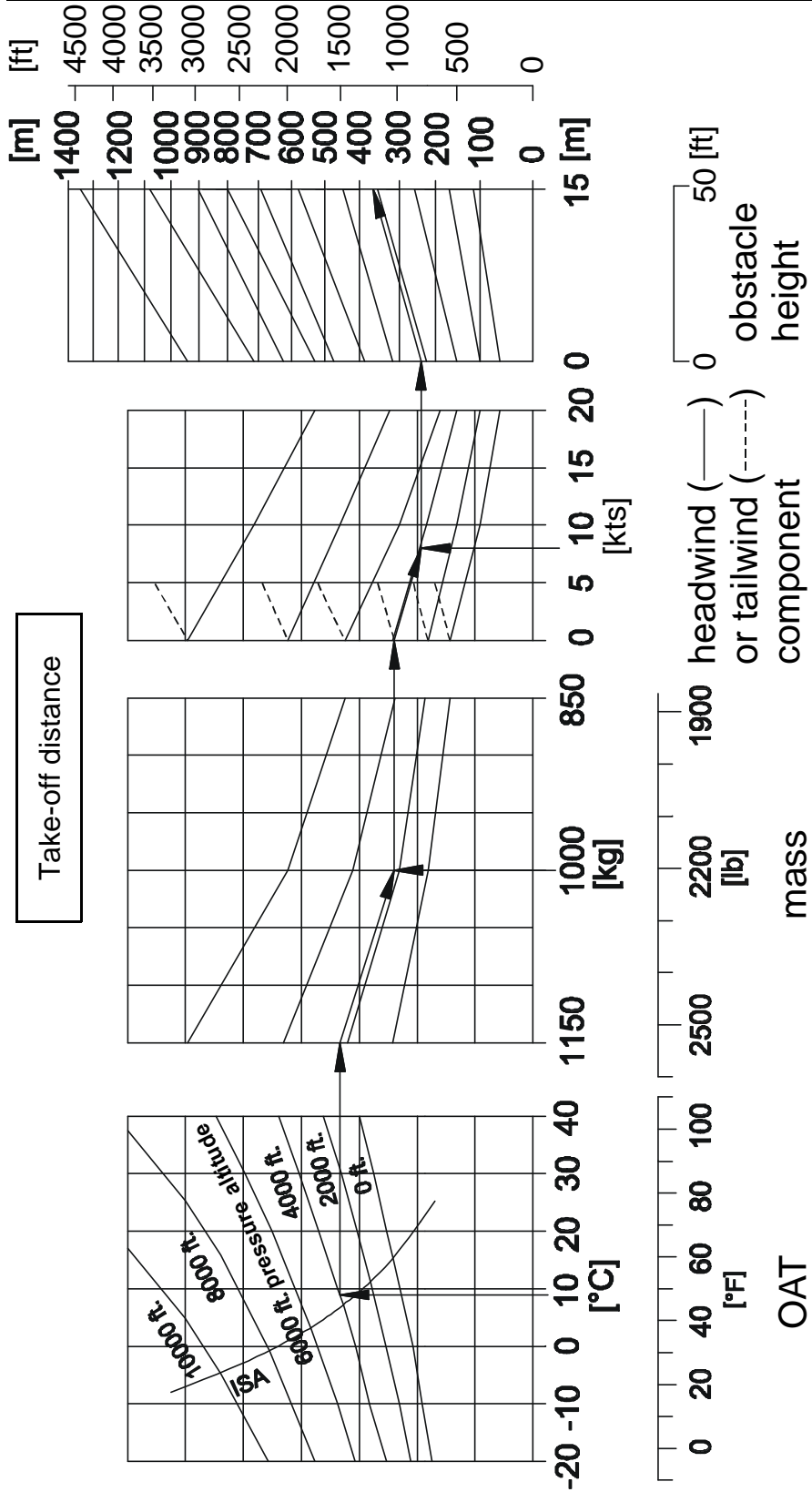
The limitations and information contained herein either supplement or, in the case of conflict, override those in the Airplane Flight Manual.

Affected Chapters:

5.3.6 TAKE-OFF DISTANCE

In the following graph, the take-off distances from metres to feet have been corrected due to a conversion error in publishing. Moreover, tailwind information has been added.

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Example:
 Pressure altitude : 4000 ft : approx. 240 m (787 ft)
 OAT : 8 °C (46 °F)
 Mass : 1000 kg (2205 lb)
 Headwind comp. : 8 kts

Result:
 T/O roll : approx. 240 m (787 ft)
 T/O distance over 50 ft obstacle : approx. 370 m (1214 ft)

TEMPORÄRE REVISION

TR-MÄM-40-069

Korrektur des Startstreckendiagramms

Diese Temporäre Revision TR-MÄM-40-069 wurde im Zusammenhang mit der Mandatory Änderungsmitteilung MÄM 40-069 anerkannt und ist in Verbindung mit dem Flughandbuch Revision 4 oder 5 gültig.

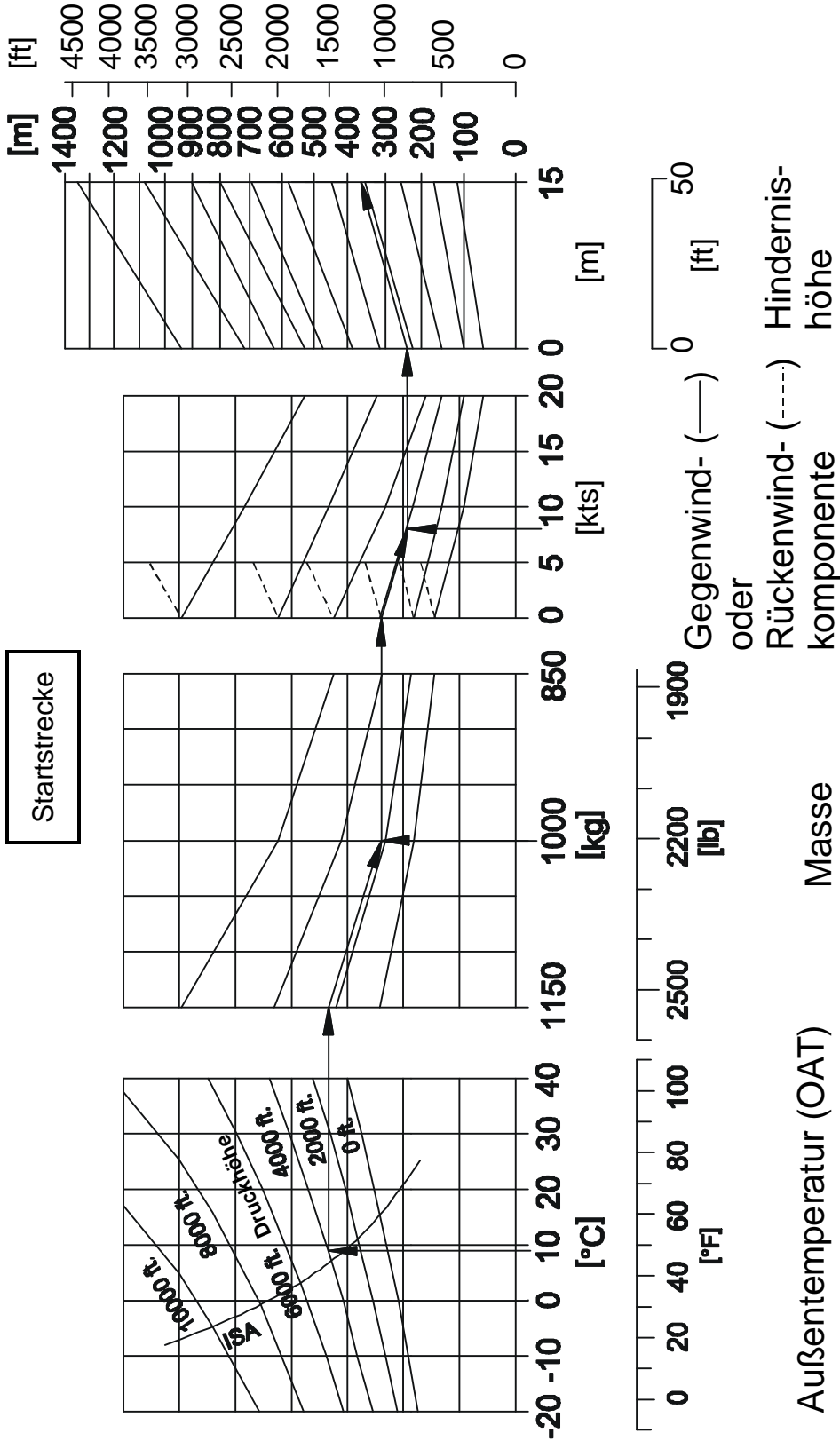
Die Betriebsgrenzen und/oder Informationen, die in dieser Temporären Revision enthalten sind, ergänzen oder ersetzen (im Falle von Widersprüchen) jene, die im Flughandbuch enthalten sind.

Betroffene Kapitel:

5.3.6 STARTSTRECKE

Im folgenden Diagramm wurde die Fuß-Skala für die Startstrecken korrigiert. Dies war aufgrund eines Umrechnungsfehlers notwendig. Darüberhinaus wurden Linien für Rückenwind hinzugefügt.

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Außentemperatur (OAT) Masse
Gegenwind- (—) Hindernis-
oder höhe
Rückenwind- (---) komponente

Beispiel: Druckhöhe: 4000 ft
 Außentemperatur: 8 °C
 Masse: 1000 kg
 Gegenwind: 8 kts.

Ergebnis:
Startrollstrecke: ca. 240 m
Startstrecke über 50 ft Hindernis: ca. 370 m