



ICAO

Doc 9303

Machine Readable Travel Documents

Eighth Edition, 2021

Part 6: Specifications for TD2 Size

Machine Readable Official Travel Documents (MROTDs)



Approved by and published under the authority of the Secretary General

INTERNATIONAL CIVIL AVIATION ORGANIZATION **Documents**



Document Sharing Hub



国际民航组织

اىكاو



Doc XXXX

Doc XXXX

XXXXXXXXXXXXXXXXXXXX Machine Readable Travel Documents
تعريفات المطارات وخدمات الملاحة الجوية
XXXXXXXXXXXX, 2021

Volume X — XXXXXXXX Part 4, Specification for TD2 Size XXXXXXXX
XXXX Edition, 20XX Machine Readable Official Travel Documents (MROTDs) طبعة ٢٠٢٠

وافق عليها الجمعية العامة وافقت عليها الجمعية العامة

Published in separate English, Arabic, Chinese, French, Russian
and Spanish editions by the
INTERNATIONAL CIVIL AVIATION ORGANIZATION
999 Robert-Bourassa Boulevard, Montréal, Quebec, Canada H3C 5H7

Downloads and additional information are available at www.icao.int/security/mrtd

Doc 9303, *Machine Readable Travel Documents*

Part 6 — *Specifications for TD2 Size Machine Readable Official Travel Documents (MROTDs)*

Order No.: 9303P6

ISBN 978-92-9265-348-4 (print version)

© ICAO 2021

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, without prior permission in writing from the International Civil Aviation Organization.

AMENDMENTS

Amendments are announced in the supplements to the *Products and Services Catalogue*; the Catalogue and its supplements are available on the ICAO website at www.icao.int. The space below is provided to keep a record of such amendments.

RECORD OF AMENDMENTS AND CORRIGENDA

AMENDMENTS		
No.	Date	Entered by

CORRIGENDA		
No.	Date	Entered by

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of ICAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

TABLE OF CONTENTS

1. SCOPE	1
2. DIMENSIONS OF THE TD2 SIZE MROTD	1
2.1 Dimensions.....	1
2.2 Edge Tolerances.....	1
2.3 Margins.....	2
2.4 Thickness	3
3. GENERAL LAYOUT OF THE TD2 SIZE MROTD	3
3.1 TD2 Zones.....	3
3.2 Content and Use of Zones.....	5
3.3 Dimensional Flexibility of Zones I to V	7
4. CONTENTS OF A TD2 SIZE MROTD	9
4.1 Visual Inspection Zone (VIZ) (Zones I through VI).....	9
4.2 Machine Readable Zone (MRZ) (Zone VII).....	11
4.3 Representation of the Issuing State or Organization and Nationality of the Holder in the MRZ and the VIZ.....	18
5. REFERENCES (NORMATIVE).....	18
APPENDIX A TO PART 6. EXAMPLES OF A PERSONALIZED TD2 SIZE MROTD (INFORMATIVE) ..	App A-1
APPENDIX B TO PART 6. CONSTRUCTION OF THE MACHINE READABLE ZONE OF A TD2 SIZE MROTD (INFORMATIVE).....	App B-1

1. SCOPE

Note.— Recognizing that States or organizations have standardized on the TD1 size MROTD in lieu of the TD2 format, ICAO will no longer maintain the TD2 specifications beyond the 8th edition of Doc 9303.

Doc 9303, Part 6 defines specifications that are specific to TD2 Size Machine Readable Official Travel Documents (MROTDs) and shall be read in conjunction with:

- Part 1 — *Introduction*;
- Part 2 — *Specifications for the Security of the Design, Manufacture and Issuance of MRTDs*;
- Part 3 — *Specifications Common to all MRTDs*.

Together these specifications provide for global data interchange of MRTDs both by visual (eye readable) and machine readable (optical character recognition) means.

Additional specifications providing for global data interchange of electronic data in eMRPs and eMROTDs may be found in Doc 9303, Parts 9 through 12.

2. DIMENSIONS OF THE TD2 SIZE MROTD

2.1 Dimensions

The dimensions shall be guided by those in ISO/IEC 7810:2019 (except thickness) for the ID-2 type card:

105.00 mm (4.134 in) wide by 74.00 mm (2.913 in) high

2.2 Edge Tolerances

Inner rectangle: 73.25 mm × 104.25 mm (2.88 in × 4.10 in)

Outer rectangle: 74.75 mm × 105.75 mm (2.94 in × 4.16 in)

In no event shall the dimensions of the finished TD2 document exceed the dimensions of the outer rectangle, including any final preparation (e.g. laminate edges). See Figure 1.

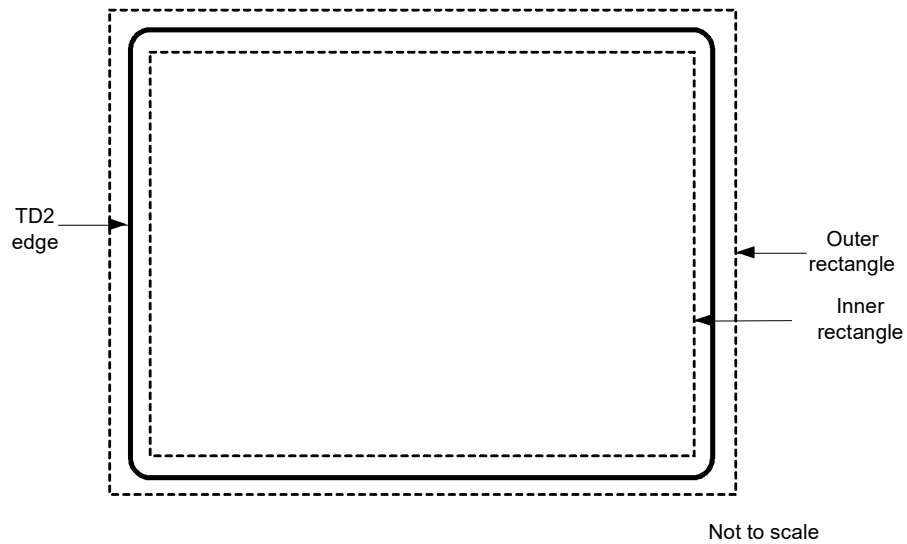


Figure 1. TD2 dimensional illustration

2.3 Margins

The dimensional specifications refer to the outer limits of the TD2. A margin of 2.0 mm (0.08 in) along each outer edge, with the exception of the header zone, must be left clear of data. See Figure 2.

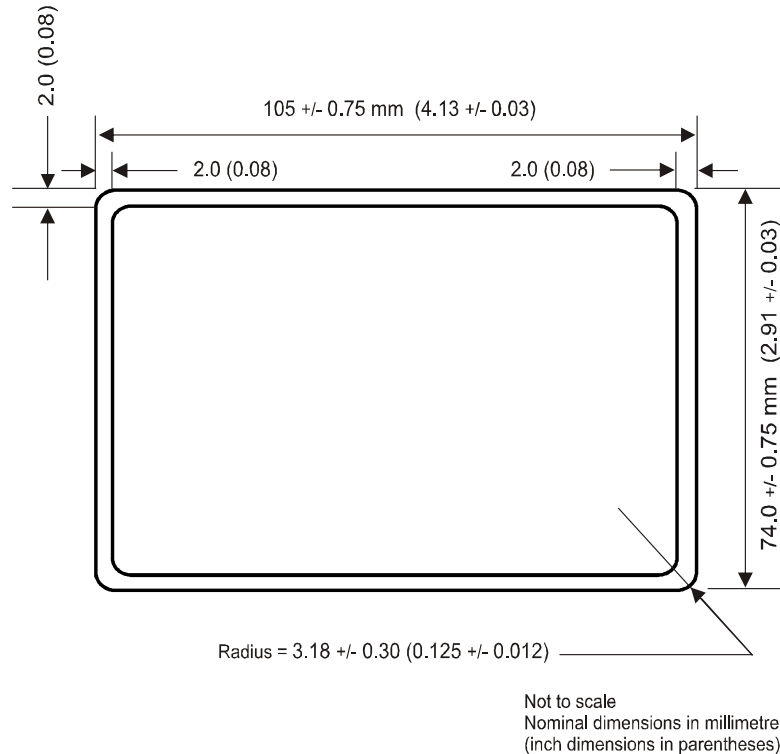


Figure 2. Edge margins and nominal dimensions of a TD2 Size MROTD