

155940

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Title:

**TEST PROCEDURE
PORTABLE R/O READER
PRRO7100**

Revisions

Revisions

Rev	Description	Date	Engineer
*60	CR2478		R. BARBER

Rev	Description	Date	Approved
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		Doc Spec: J. HUG	Date: 11/29/00
		Dwn: R. BARBER	Date: 11/29/00
		Chk:	Date:
942014	146439	Eng: R. BARBER	Date: 11/29/00
Used On		Appd: R. SALESKY	Date: 11/29/00



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Scale: N/A	© 2000 Checkpoint Systems, Inc. Page 1 of 4

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1.0 INTRODUCTION

The purpose of this document is to provide the information necessary to perform a system-level test of the PRRO 7100 Reader.

2.0 REQUIRED EQUIPMENT

- RFID test tag
- Computer with Microsoft hyperterminal
- DB9 to RJ 41 cable (Checkpoint Part # 281876)
- Fully charged PRRO7100 test battery*

3.0 COMPUTER PREPARATION

- 3.1 Connect the serial DB9 to RJ 41 cable to the UUT and computer
- 3.2 Run Microsoft Hyperterminal
- 3.3 Click on File, Properties
- 3.4 Click on “Connect Using” and select Com 2
- 3.5 Click on Configure
- 3.6 Select 9600 8,N,1
- 3.7 Click on OK
- 3.8 Click on Settings
- 3.9 Click on ASCII Setup
- 3.10 Select “Send line ends with linefeeds”
- 3.11 Click on “OK”
- 3.12 Click on “OK”

4.0 SYSTEM TEST

- 4.1 Insert a fully charged PRRO battery into the UUT
- 4.2 Hit enter on the keyboard
- 4.3 Verify that the PRRO7100 Ready light is active (Green LED on)
- 4.4 *Record as pass or fail*
- 4.5 Place a calibrated test tag at 12 inches parallel carry from the antenna
- 4.6 *Verify that the red Tag led is blinking*
- 4.7 *Verify that tag data is seen scrolling across the screen*
- 4.8 *Record Maximum Detection distance*
- 4.9 Enter “B1” followed by enter on the keyboard
- 4.10 Verify that the reader returns the current baud rate
- 4.11 *Record as pass or fail*
- 4.12 Click on Call and select “Disconnect”
- 4.13 *Verify that the reader shuts off (No LEDs lit)*

*** Do not use the unit battery. This is to be charged at the customer site only.**

5.0 TEST DATA SHEET

Line 4.4	Ready light	_____	Pass/Fail
Line 4.6	Red LED blinking	_____	Pass/Fail
Line 4.7	Tag Data scrolling	_____	Pass/Fail
Line 4.8	Maximum detection distance	_____	>12 inches
Line 4.11	Baud rate message	_____	Pass/Fail
Line 4.13	DTR Power Off	_____	Pass/Fail