Test Package for 2D Barcode Arizona Individual Tax

2016

Revised: 09/27/2016

Arizona Department of Revenue

2D Barcode Unit – 3nd Floor
1600 W. Monroe
Phoenix, Arizona 85007

Email: azbarcode@azdor.gov

Table of Contents

INTRODUCTION

1.1 Dates

This publication provides the information you need to successfully complete our Acceptance Testing System (ATS), including test conditions, test procedures, and instructions for preparing test material for 2D Barcode filing of individual tax returns.

ATS may be submitted until February 28, 2017. The Arizona Department of Revenue strives to approve software applications in a timely fashion. Occasionally a test will need to be reviewed more than once to assure that our standards are met. This, combined with a late submission of test materials, may cause delays in approving your software.

1.2 General Information

Testing of software developed for 2D Barcode is mandatory. All software must be tested using the recommended test conditions. Submission of the Application to Participate is required by all developers prior to testing. This document is available on the AZDOR eServices website https://www.azdor.gov/EServices.aspx

Developers will be given formal confirmation when software has been successfully tested for 2D Barcode filing. Only approved software may be released and distributed by the developer. Business rules, record layouts and test scenarios are available on the Arizona Department of Revenue website www.azdor.gov. Arizona's tests are developed independent of Federal testing.

It's important to note that the NACTP Code that is identified on the Application to Participate is the main indicator that will allow your submissions to go through our test and (when approved) our production environment. All submissions must have the NACTP Code.

1.3 Contacts

The 2D Barcode Coordinator will be your main point of contact during the ATS process. For assistance in formatting and submitting your 2D Barcode returns, or if you have questions regarding test conditions contained in this publication, please contact the 2D Barcode Coordinator.

For technical questions regarding:

- Record Layouts
- Test returns
- 2D Barcode Submission

- 2D Barcode Approval

  Email: AZBarCode@azdor.gov

  2D Barcode Coordinator

ATS PROCEDURES

2.1 Before you test

Prior to testing, all Software Developers, and ERO's submitting test to The Arizona Department of Revenue (AZDOR) must:

- Complete the Application to Participate.
- Read PUB AZ100 2D Barcode Developers Manual

You must complete ATS before you can transmit any production returns. Once you successfully complete ATS, the 2D Barcode Coordinator will notify you via email of your acceptance.

2.2 Individual Test Return Requirements

The Arizona Department of Revenue has changed their testing process to make testing easier. We do not require you to use a specific set of state return scenarios. Instead, we allow you to supply your own test returns that reflect the forms, schedules and features your software supports. A list of general conditions that must be followed within the returns is provided in section 3.1. All required test returns must be accepted with no rejects before the software will be considered for final acceptance.

Specific Arizona e-file requirements can be found in the Arizona Dept. of Revenue Publication 1346 Guide for Software Developers.

Prepare test returns using the following Taxpayer IDs and Spouse IDs.

Primary SSNs	Spouse SSN (if applicable)
400-00-7501	400-00-1014
400-00-7502	400-00-1016
400-00-7503	600-00-1007
400-00-7504	400-00-7568
400-00-7505	400-00-7570
400-00-7506	400-00-7572
400-00-7507	400-00-7574
400-00-7508	400-00-7576
400-00-7509	400-00-7578
400-00-7510	400-00-7580

400-00-7511	
400-00-7512	
400-00-7513	
400-00-7514	
400-00-7515	
400-00-7516	
400-00-7517	
400-00-7518	
400-00-7519	
400-00-7520	

SCENARIOS

3.1 Test Scenarios

Prepare the test returns according to the following requirements:

- Provide at least 2 return examples of each return type that you will support (i.e. – Form 140, Form 140NR). In addition, the specific conditions below must be included among the return examples you provide.

- Provide at least one of every form, schedule and feature you support (according to the list of supported forms, schedules, and features provided on your Application to Participate) must be included among the total number of test returns you submit.

- Include at least one example of an entry that meets each of the following general conditions, applicable to all form types and features that you support:
    - The use of the extension box
    - Prior year last name different
    - Claiming a Qualifying parent
    - Filing status 1 (MFJ) with Spouse last name different
    - Foreign Address
    - Two Credit Form 309 in same return
    - All Percentage Fields must be tested
    - All Credit Forms supported by 2D Barcode must be tested
    - All forms are submitted with your hard copies including credit and W2/1099

3.2 TY2016 2D ATS Test Conditions Grid

This year we have decided to include a grid with examples of test returns. This grid will outline how you can comply with the requirement for testing and successfully complete this phase of the approval process. (See Figure 3.1)

3.3 Testing for Multiple Products Using the Same Platform (Engine)

If a developer creates more than one product (example: Online and Professional) it is not necessary to undergo the entire testing procedure for each product. Once the initial ATS is approved, inform us of any additional products and we will discuss with you whether any additional testing will be required. Usually only two tests are required for each additional product that uses the same software engine.

TY2016 2D PATS Test Conditions

NEW Test No	7501	7502	7503	7504	7505	7506	7507	7508	7509	7510	7511	7512	7513	7514	7515	7516
GEN 140	140A	140A	140A	140	140	140	140	140	PTC	PTC	NR	NR	NR	PY	PY	PY
FILING STATUS	S	HH	MFJ	MFJ	MFJ	MFS	HH	S	HH	MFJ	MFJ	HH	MFJ	HH	MFJ	S
STD/ITEM	Std	Std	Std	Std	I	I	I	Std	Std	Std	I	I	Std	I	I	Std
REFUND/OWE	REF	REF	OWE	OWE	REF	OWE	REF	OWE	OWE	OWE	REF	OWE	REF	REF	OWE	REF
IAT ?						IAT										
DIR DEP	X	X			X		X							X	X		X
DIR DEBIT									X	X						
AZ Sch A					X	X	X				NR	NR			PY	PYN	
Fed Sch A					X	X	X				X	X			X	X	
131					X											
202						X										
221									X	X						
W-2	X	X	X2	X		X2	X2	X			X2	X	X2	X2	X2	X
W-2G							X									
1099R					X2	X	X					X	X			
1099G							X								X	
8453																
9325I																
CA Return												X				
CO Return							X									
Foreign Address																
301					X	X	X				X	X		X	X	
304					X											
305					X	X										
306																
307																
308-I					X											
309							x				X				X	
309 (2)							x				X				X	
310						X						X		X		
312																
315					X											
319																
320					X											
321						X					X				X	
322						X					X				X	
323							x					X		X		
325																
331					X											
332																
333					X											
334					X											
335-I					X											
336					X											
340						X					X			X		
348							X					X		X		
352						X					X				X	

Figure 3.1

FORMS AVAILABLE FOR 2D BARCODE TAX YEAR 2016

4.1 Forms Available for 2D Barcode

Return Types and Forms Available for 2D barcode Submissions and Filing - Both refund and payment due returns may be filed. The primary personal income tax returns available for 2D Barcode Filing are:

Support?	Form
	140 Resident Personal Income Tax Return
	140A Resident Personal Income Tax Return (Short Form
	140PY Part-Year Resident Personal Income Tax Return
	140NR Nonresident Personal Income Tax Return
	140PTC Property Tax Credit
	Supporting Forms
	140 Schedule A State 140, Schedule A Itemized Deduction Adjustment
	Schedule A(PY) Itemized Deductions for Part Year Resident
	Schedule A(PYN) Itemized Deductions for Part Year Resident with Nonresident Income
	Schedule A(NR) Itemized Deductions for Nonresident
	Schedule A Federal Form 1040 Schedule A, Itemized Deductions
	Federal 1099R Distributions From Pensions, Annuities, Retirement or Profit Sharing plans,
	Federal 1099G Certain Government Payments

Support?	Form
	Tax Credit Forms
	301 Nonrefundable Individual Tax Credits and Recapture
	309 Credit for Taxes Paid to Another State or Country
	310 Credit for Solar Energy Devices
	321 Credit for Contributions to Qualifying Charitable Organizations
	322 Credit for Fees Paid to Public Schools
	323 Credit for Contributions to Private School Tuition Organizations
	340 Credit for Donations to the Military Family Relief Fund
	348 Credit for Contributions to Certified School Tuition Organization-Individuals
	352 Credit for Contributions to Qualifying Foster Care Charitable Organizations

4.2 Exclusions from 2D Barcode Filing

The following forms and schedules are excluded from this year's Arizona 2D Barcode program:

- Forms not listed under "Return Types Available for 2D Barcode Filing"
- Any year other than Tax Year 2012 to current
- State returns having a different "Federal Adjusted Gross Income" than that provided on the federal return
- State-Only returns for which a federal return was not completed, except for the 140PTC

DEVELOPERS' RESPONSIBILITIES

5.1 Vendor Responsibilities

Arizona participates in the federal/state 2D Barcode filing program; therefore, any software developed must meet all federal and state requirements. These guidelines complement IRS and Arizona publications and are not intended to alter or amend the IRS requirements.