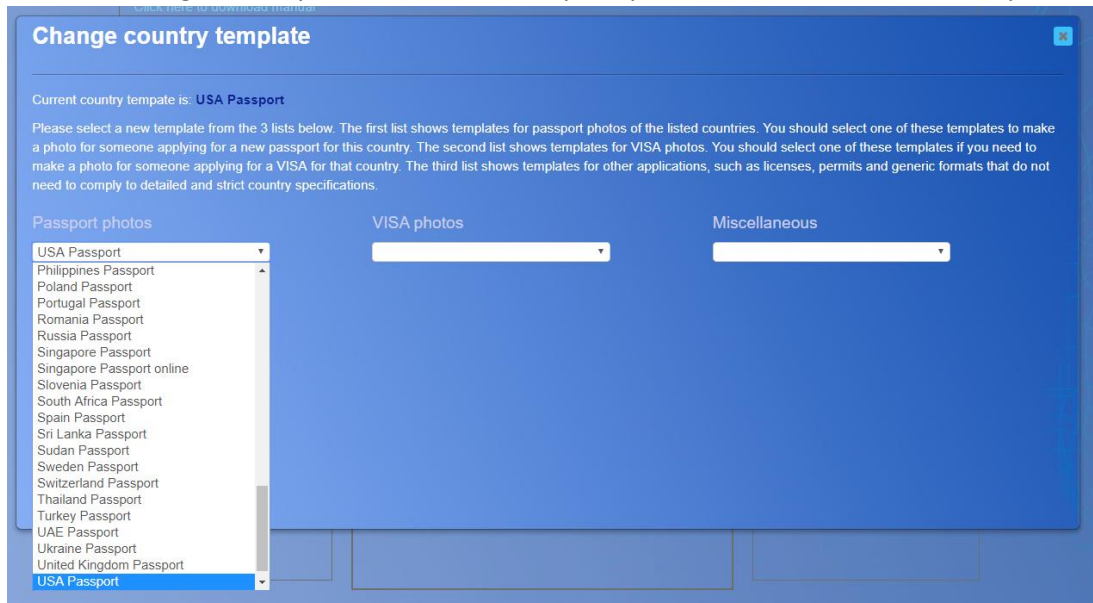


## ICAO check web service

The ICAO test is a comprehensive performed on the cropped photos, to indicate if they are compliant to the standards required by the selected country templates.

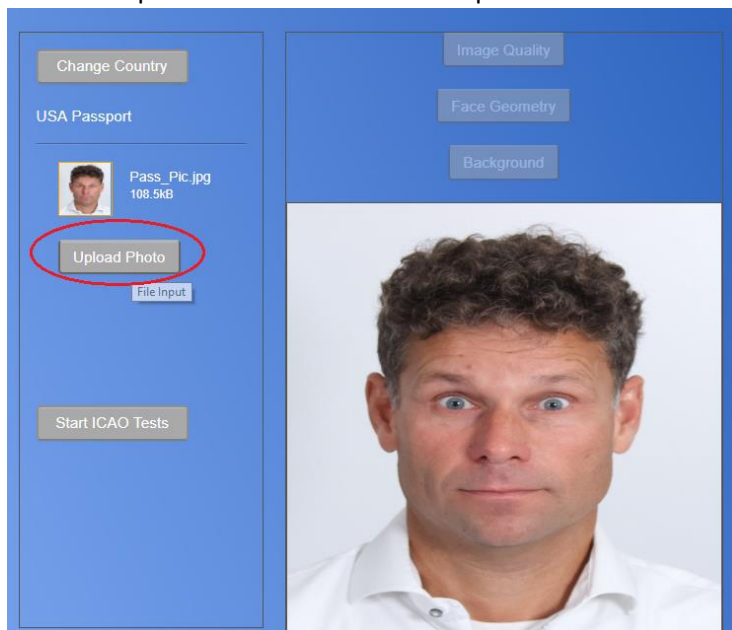
The tests performed include various parameters such as Image quality, face geometry and photo background.

1. Click on “Change Country” to select the country template for which the test is to be performed



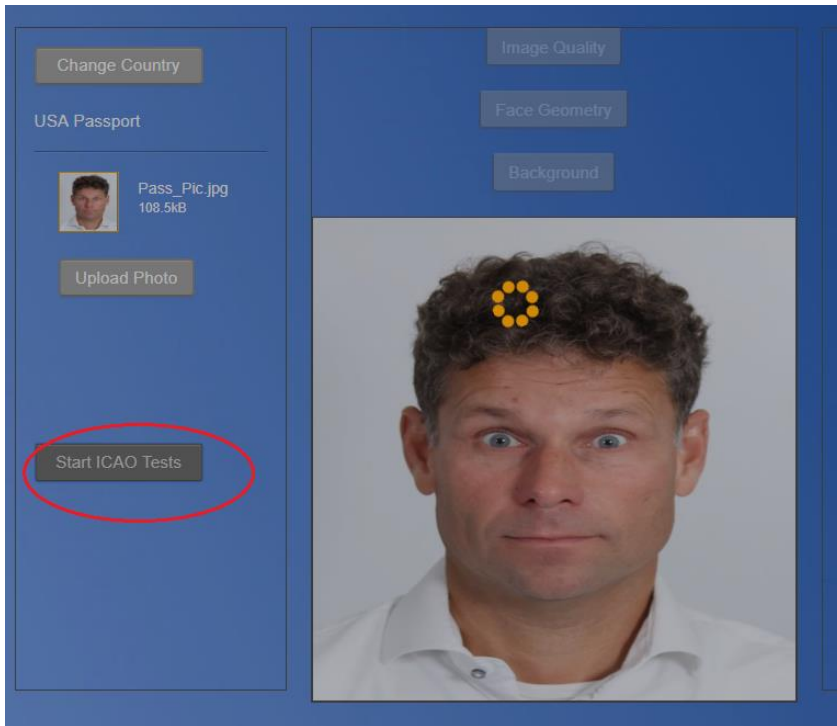
The screenshot shows a web interface titled "Change country template". At the top, it states "Current country template is: USA Passport". Below this, there is a paragraph of instructions: "Please select a new template from the 3 lists below. The first list shows templates for passport photos of the listed countries. You should select one of these templates to make a photo for someone applying for a new passport for this country. The second list shows templates for VISA photos. You should select one of these templates if you need to make a photo for someone applying for a VISA for that country. The third list shows templates for other applications, such as licenses, permits and generic formats that do not need to comply to detailed and strict country specifications." There are three dropdown menus labeled "Passport photos", "VISA photos", and "Miscellaneous". The "Passport photos" dropdown is open, showing a list of countries including USA, Philippines, Poland, Portugal, Romania, Russia, Singapore, Slovenia, South Africa, Spain, Sri Lanka, Sudan, Sweden, Switzerland, Thailand, Turkey, UAE, Ukraine, and United Kingdom. The "USA Passport" option is highlighted at the bottom of the list.

2. Click on “Upload Photo” and select the photo to be tested.



The screenshot shows the ICAO test interface. On the left side, there is a panel with a "Change Country" button, the text "USA Passport", a small photo thumbnail labeled "Pass\_Pic.jpg" with "108.5kB" below it, a red circle around the "Upload Photo" button, and a "File Input" button below it. At the bottom of this panel is a "Start ICAO Tests" button. On the right side, there are three buttons: "Image Quality", "Face Geometry", and "Background". Below these buttons is a large photo of a man's face, which is the photo being tested.

3. Click on “Start ICAO Tests”



4. The options Image Quality, Face geometry, and “Background” will display whether each test has passed/failed.



Clicking on either of the buttons will provide further information about each category:

# Background tool



### Test Results

Background is too bright: 80 %  
Background is too dark: 20 %  
Background is not uniform: 80 %  
Shadows detected: 60 %



### Country Template Details

Selected country name: USA Passport  
Darkest background color: RGB(235,235,235)  
Preferred background color: RGB(245,245,245)  
Brightest background color: RGB(255,255,255)



### Measured values

Measured color UpperLeft: RGB(219,224,233)  
Measured color LowerLeft: RGB(224,227,237)  
Measured color UpperRight: RGB(225,229,238)  
Measured color LowerRight: RGB(234,237,246)

