High Level Mobile Standards

Technical Frameworks:

1. **Requirement:** Code must be valid HTML5 served with the correct HTML5 `<DOCTYPE>`
   a. Forms should have `placeholder`, `pattern`, and explicit `type` attributes specified with fallback code for non-HTML5 compliant browsers
2. **Requirement:** jQuery 1.6.4 (The version that is currently supported by jQuery Mobile)
3. **Requirement:** jQuery Mobile 1.0
4. **Recommendation:** Web services created in support of mobile projects should be <u>REST</u>-ful

Style Guide:

1. Overall Look and Feel:
   a. If for public consumption, should have a header and footer that matches the one used at FAA.gov Mobile.
   b. If for internal consumption, should have a header and footer that matches what we will be implementing in the MyFAA Mobile revamp (see AOC for details)
2. Header:
   a. Entire FAA/MyFAA branding row must be tappable link to FAA/MyFAA Mobile Homepage
   b. Additional navigation must be easily understood by a user to relate to this specific application and not FAA/MyFAA Mobile.
3. Footer:
   a. Text link to FAA/MyFAA Mobile Home must be present
   b. Text link to Full FAA/MyFAA Site must be present
   c. You may have a link for Feedback in your footer if you choose, but that link must go to a feedback method within your application, not the Feedback for the FAA/MyFAA Mobile site.
4. Body:
   a. Links to external websites (non-FAA.gov) should be denoted with an icon (see FAA.gov Mobile implementation). This excludes Header/Footer links.
   b. Links to non-mobile pages within the FAA.gov domain should be denoted with an icon (see FAA.gov Mobile implementation). This excludes Header/Footer links.
   c. Links to PDFs (and other non-HTML content) should be denoted with an icon (see FAA.gov Mobile implementation). This excludes Header/Footer links.
      i. For all non-HTML files, you should specify `data-ajax="false"` on the `<a>` tag to prevent the jQuery Mobile from attempting to load the file via AJAX and causing a failure.

General Principles:

1. If you utilize device detection to direct someone from non-Mobile to Mobile (or vice-versa), provide a means to override that relocation and get back to the other version.
2. Use data-driven design principles as much as possible to determine your mobile device support matrix. jQuery Mobile has a [support matrix](#) on its site that covers most of the major operating systems. AOC will be happy to provide mobile usage statistics for you, or you can see our support matrix at http://www.faa.gov/about/mobile/

Resources:

- [FAA Mobile](#) v1.0
- [MyFAA Mobile](#) v1.0beta
- [jQuery](#)
- [jQuery Mobile](#)