<http://www.ae.illinois.edu/m-selig/ads/aircraft.html> lists Sopwith Camel Airfoil as RAF-16.

Source below lists Camel as similar to RAF14, RAF15, RAF16, but most similar to RAF14.

Source: <http://www.theaerodrome.com/forum/aircraft/24377-wwi-airfoil-inquiry-2.html>

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| [FlyXwire](http://www.theaerodrome.com/forum/members/flyxwire.html)  Forum Ace  [FlyXwire's Avatar](http://www.theaerodrome.com/forum/members/flyxwire.html)    Join Date: Feb 2003  Posts: 918 | Hi AJ,  Below is the results of my study of drawings showing the Sopwith Camel's rib shape compared against the NACA templates for the RAF 14, RAF 15, and RAF 16 airfoil profiles. First the Camel's rib from British and German sources (somewhat different):   |  |  | | --- | --- | | http://www.theaerodrome.com/forum/images/statusicon/wol_error.gif | Click this bar to view the full image. |   http://img.photobucket.com/albums/v204/FlyXwire/Sopwith_Camel_Airfoil_Study1.jpg  Next, the RAF 14, 15, & 16 sections from the NACA:   |  |  | | --- | --- | | http://www.theaerodrome.com/forum/images/statusicon/wol_error.gif | Click this bar to view the full image. |   http://img.photobucket.com/albums/v204/FlyXwire/Sopwith_Camel_Airfoil_Study2.jpg  Now the compliance check with the Camel's profile laid over these RAF sections:   |  |  | | --- | --- | | http://www.theaerodrome.com/forum/images/statusicon/wol_error.gif | Click this bar to view the full image. |   http://img.photobucket.com/albums/v204/FlyXwire/Sopwith_Camel_Airfoil_Study3.jpg  To my eye, of the three survey airfoils shown above, the RAF 14 & 15 come close to matching the Camel's rib shape, with the RAF 14 appearing to be the nearest match. As a further visual check, I used airfoil shapes from the web for comparison, and the RAF 14 seems to match the Camel's rib outline the best:   |  |  | | --- | --- | | http://www.theaerodrome.com/forum/images/statusicon/wol_error.gif | Click this bar to view the full image. |   http://img.photobucket.com/albums/v204/FlyXwire/Sopwith_Camel_Airfoil_Study4.jpg  So does this mean that the RAF 14 was the confirmed airfoil used by the Sopwith Camel, not if one's repututation were depending on it, but if one has to make a decision when available information conflicts and resources are limited, devising some method to resolve the issue like the above exercise might prove useful......perhaps.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dave S.  "Real aviators are very sharp and not so timorous. That did not help their good relations with the bureaucrats." Willy Coppens |