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Edward Richmond*, Erichmond@math.ubc.ca, and **William Slofstra**. *Fiber bundle structures of Schubert varieties*. Preliminary report.

A theorem of Ryan and Wolper states that a type A Schubert variety is smooth if and only if it is an iterated fiber bundle of Grassmannians. We extend this theorem to arbitrary finite type, showing that a Schubert variety is smooth if and only if it is an iterated fiber bundle of Grassmannians of that type. These results depend on deep combinatorial results of Billey and Postnikov. (Received September 17, 2013)