

KFm Family of Airfoils



KFm-1 (7-9% thickness - Step at 40% chord)
Very mild stall, very stable, moderate lift, simple build.
Good utility airfoil but somewhat superceded by the KFm2.



KFm-2 (7-9% thickness) - Step at 50% chord
Higher lift, mild stall, stable center of pressure. Very simple to build, an excellent utility airfoil for small to medium size foamies.



KFm-3 (9-12% thickness) - Steps at 50% and 75% chord
More complicated build, fantastic flight characteristics, high lift, very strong build, mild stall, great for heavy lifters or sailplanes.



KFm-4 (6-9% thickness) - Steps top and bottom at 50% chord
Easy build, fast and maneuverable, slightly sharper stall than other KFm airfoils. Great choice for aerobatic planes. Works very well on flying wings and makes them easier to fly slowly.



KFm-5A
Bottom step at 40-50% chord

Usually in combination with leading/trailing edge reinforcement. Adds strength and improves performance in undercambered wings.



KFm-5B
Top step at 40-50% of chord

Stiffens wing to withstand higher G maneuvers.
Adds lift, strength & maneuverability to trainers and high wing sports flyers.



KFm-6 (6-12% thickness) Steps top and bottom at 25% and 50%
Easy build, good slow flying qualities, can also be fast and maneuverable. Gentle stall, great choice for flying wings in any size. Slower flying versions are good for making transition from RET trainers to sports flying.



KFm-7
Under development, specifics are unknown but worth trying in almost any combination of step locations and wing thicknesses.



KFm-8
Under development, specifics are unknown but worth trying in almost any combination of step locations and wing thicknesses.