MPanel FEA	FEA v7	FEA v8	FEA v9	FEA v10	FEA v11	FEA v12	FEA v13	FEA v14	FEA v15	FEA v16	FEA v17	FEA v18
	Released June 2012	Released May 2013	Released July 2014	Released October 2015	Released September 2016	Released Jan 2018	Released June 2019	Released July 2020	Released July 2021	Released June 2022	Released June 2023	Released July 2024
Functions	Works with AutoCad 2013 and Rhino 4&5	Works with AutoCad 2014 and Rhino 4&5	Works with AutoCad 2015 and Rhino 4&5	Works with AutoCad 2016 and Rhino 4&5	Works with AutoCad 2017 and Rhino 4&5	Works with AutoCad 2018 and Rhino 5-6	Works with AutoCad 2010-2020 and Rhino 5-6	Works with AutoCad 2010-2020 and Rhino 5-6	Works with AutoCad 2010-2022 and Rhino 5-7	Works with AutoCad 2010-2023 and Rhino 5-7	Works with AutoCad 2010-2024 and Rhino 5-7	Works with AutoCad 2010-2025 and Rhino 5-8
Materials Databases added	✓	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Loads Library to store load cases	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark						
Simulate Encastre Pole	✓	\checkmark	1	\checkmark	✓	1	√	\checkmark	\checkmark	 ✓ 	\checkmark	\checkmark
Speed inprovments for A & R versions	\checkmark	\checkmark	\checkmark	\checkmark	✓	\checkmark	\checkmark	\checkmark	\checkmark	 ✓ 	\checkmark	\checkmark
New solver 3-5 times faster		~	~	~	\checkmark	\checkmark	~	\checkmark	~	✓	\checkmark	\checkmark
Resolve corner tensions for guy pole tripod		\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Side and Slip Constraints added		\checkmark	√	1	1	1	\checkmark	√	\checkmark	√	\checkmark	\checkmark
Standard Reports with single keystroke		\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Model build option to keep materials etc			\checkmark	~	1	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
New Check Model Plot to find problems			\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	 ✓ 	\checkmark	\checkmark
Materials Calculator for stress/strain			\checkmark	\checkmark	1	✓	\checkmark	\checkmark	\checkmark	 ✓ 	\checkmark	\checkmark
New Model Build interface and options				✓	 ✓ 	\checkmark	v	\checkmark	\checkmark	✓	\checkmark	\checkmark
Faster Model speeds				1	1	1	1	√	\checkmark	√	\checkmark	\checkmark
Simulate Beams				\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
New 64bit integrated solver					\checkmark	1	~	√	~	\checkmark	\checkmark	\checkmark
New unit nuetral Database					\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
New Slip cable constraint					✓	√	√	√	\checkmark	✓	\checkmark	\checkmark
Grid Reports						\checkmark	\checkmark	\checkmark	\checkmark	✓	\checkmark	\checkmark
Deflecting Poles LC0						√	~	\checkmark	~	 ✓ 	~	\checkmark
Complete set of pdf reports						\checkmark	√	✓	√	 ✓ 	\checkmark	\checkmark
Resizable Input forms						\checkmark	√	1	√	\checkmark	\checkmark	\checkmark
New Static Beam							√	\checkmark	√	✓	\checkmark	\checkmark
Solver works with large areas of slack fabric							√	~	√	\checkmark	\checkmark	\checkmark
Pole Bending Stress Results							√	\checkmark	√	√	\checkmark	\checkmark
New Plots settings for size and anti-collision							\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Pole Bending Moment Results								\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Cantilever poles with multiple sail connections								\checkmark	~	\checkmark	\checkmark	\checkmark
Angle of reactions" and "sum of reactions								✓	\checkmark	✓	\checkmark	\checkmark
New free pole/beam									√	✓	\checkmark	\checkmark
New pinned pole									\checkmark	\checkmark	\checkmark	\checkmark
Solver substantially upgraded									\checkmark	\checkmark	\checkmark	\checkmark
Table splits more intuitive and saved										 ✓ 	\checkmark	\checkmark
Plot titles added - more control over text sizes										✓	\checkmark	\checkmark
Auto correct mesh orientation										✓	\checkmark	\checkmark
New Intuitive Ribbon Menu											√	\checkmark
New Poly special status Fix only for LCO											\checkmark	\checkmark
Fabric and Cable weights added to databases											✓	\checkmark
Use MPanel estimate" for initial link tension												\checkmark
Pole footer depth plot includes pier diameter												\checkmark
LC0 fixed polys now plot out with reactions												\checkmark