

Intellectual Property - Always a Generation Ahead

Skybolt is an innovative company. We invest vast time and money in design, engineering, and creation of innovative fasteners for a wide spectrum of industries. Skybolt is currently filing patent paperwork at an average rate of 1 every 60 days and could file more based on our unique engineering experience in the world of Panel Fasteners. Skybolt keeps a constant revision approval system with our aerospace oversight department of the US Government to maintain current TSO approvals; a rate far higher than most ISO9000 or AS9100 requirements.

Reference	Patent Description	File Date	Patent Owner
5,688,093	Ejecting Fastener for 1/4-Turn Fastener	11-18-1997	Ned Bowers
5,716,180	Adjustable Locking Receptacle for 1/4-Turn Fastener	2-10-1998	Ned Bowers
5,795,122	Adjustable Locking Receptacle for 1/4-Turn Fastener	8-18-1998	Ned Bowers
7,997,843	Isolator Platemount - Cam Washer Adjustment	8-16-2011	Ned Bowers/Carlos Osorio
8,282,329	Isolator Platemount - Cam Washer Adjustment	10-9-2012	Ned Bowers/Carlos Osorio
8,490,358	Interlocking Flange Mounting System for 1/4-Turn Fastener	7-23-2013	Ned Bowers/Russ Ortner
13/630,324	Provisional - Armor Plate Quick Release Fastener	11-8-2012	Ned Bowers/Russ Ortner
61/714,363	Provisional - Armor Plate Quick Release Fastener	10-15-2012	Ned Bowers/Russ Ortner
61/813,795	Provisional - Folding Wing - Rivet Nut 1/4-Turn Fastener	4-19-2013	Ned Bowers/Russ Ortner
14/850,092	Provisional - Folding Wing - Rivet Nut 1/4-Turn Fastener	5/7/2015	Ned Bowers/Russ Ortner
62/375,672	Provisional - Fastener Hold Out Mechanism	8/16/2016	Ned Bowers/Russ Ortner
62/436,644	Provisional - Fastener Nutsert	12/3/2016	Ned Bowers/Russ Ortner
	Provisional - Zlocker	2/15/2017	Ned Bowers/Russ Ortner

Mark	Trademark Description	File Date	Owner
Skybolt®	Skybolt Aeromotive Corp	Continuous	Ned Bowers
Skytanium®	Skybolt Lightweight Material	Continuous	Ned Bowers
CLoc®	Camloc compatible 1/4-Turn Fasteners	Continuous	Ned Bowers
ALoc®	Airloc compatible 1/4-Turn Fasteners	Continuous	Ned Bowers
ZLoc®	Dzus compatible 1/4-Turn Fasteners	Continuous	Ned Bowers
Diamondhead®	CLoc® 300 Series Phillips Head Hardened Fasteners	Continuous	Ned Bowers
ArmorLoc®	Armor Plating Quick Release Fasteners	Continuous	Ned Bowers
VLoc™	Interlocking Flange Fastening System	Continuous	Ned Bowers
ZLocker™	ZLoc® Locking Fastener	Continuous	Ned Bowers

Copyright	Copyright Description	File Date	Owner
Installation Instructions©	All Skybolt Installation Instructions for 1/4-Turn Fasteners	Continuous	Ned Bowers

Quality Control	AS9100 Compliant; AC21-43/CFR14 Part 21.137 Certified	Rev B	1-10-2017
	Current FAR21.137 Certification by FAA		8-8-2016

STC	Aircraft	Type Certificate	Last Revision
SA3284SO	C150, A150 Series Cessna 150 - Converts Screws to Cloc® 2000 Fasteners Cessna 150 - Converts Southco to Cloc® 4000 Fasteners	TC 3A19	5-8-2010
SA3285SO	C172, R172 Series Cessna 172 - Converts Screws to Cloc® 2000 Fasteners Cessna 172 - Converts Southco to Cloc® 4000 Fasteners	3A12, 3A17	5-8-2010
SA02386AT	C175, 175A, 175B, 175C Series Cessna 175 - Converts Screws to Cloc® 2000 Fasteners	3A17	6-22-2006
SA3286SO	C177, 177RG Series Cessna 177 - Converts Southco to Cloc® 4000 Fasteners	A13CE, A20CE	5-8-2010
SA02387AT	C180, 180A, 180B, 180C Series Cessna 180 - Converts Screws to Cloc® 2000 Fasteners	5A6	5-22-2006
SA3287SO	C182,A,B,C,Q,R,T182,182P Cessna 182 - Converts Screws to Cloc® 2000 Fasteners Cessna 182 - Converts Southco to Cloc® 4000 Fasteners	3A13	5-8-2010
SA02660AT	Beech Bonanza 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36TC, B36TC, G36, 35, A35, B35, C35, D35, E35, F35, G35, 35R Bonanza - Converts Dzus and Airloc to CLoc® 2000 and 4000 Series Fasteners	3A15, A777	9-15-2010

FAA-PMA	Approval	Revision Dates
PQ1554CE	Cessna Conversion STC	6-25-2010
PQ1422CE	Beech Conversion STC	7-6-2010

TSO-C148	Approval	Revision	Revision Dates
TSO-C148	Panel Fastener Manufacturing Approval	P	3-15-2016
TSO-C148	Panel Fastener Manufacturing Approval	Q	8-23-2016
TSO-C148	Panel Fastener Manufacturing Approval	R	2-15-2017

Awards-Recognitions

William C Schwartz Industry Innovation Award - 2012 - Metro Orlando Economic Development Commission
Top 100 Manufacturers in Florida - 2015 - Orlando Business Journal
GROWFL - Grant Participant -2015