

# Seat Components

*Rails, Rollers, Housings, and Accessories*

## Cargo Solutions

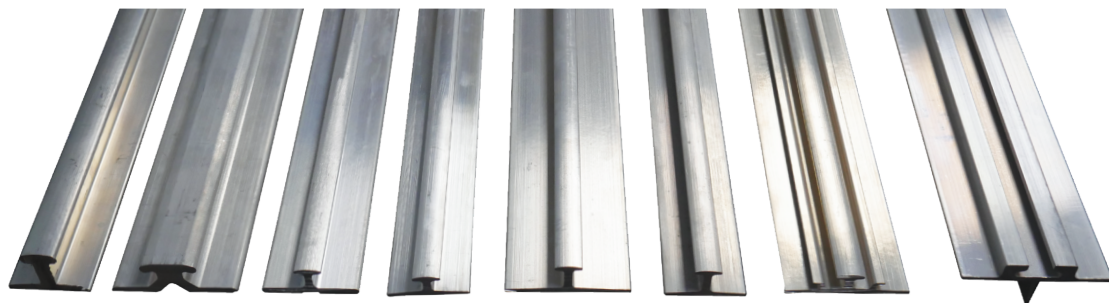
*Fittings, Tie Downs, and Browline Tracks*

### Seat Rail Extrusion

#### Ideal for homebuilt aircraft!

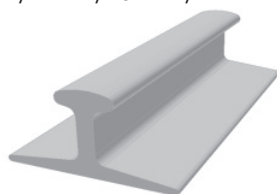
For custom projects, McFarlane offers eight design types. Blank extrusion can be cut to most any length and is sold by the inch. We can also custom machine to your specifications. Our rails have superior corrosion resistance and added strength.

**Custom seat rails are not FAA-PMA approved.** The user must obtain proper FAA approvals to use our custom rails on certified aircraft. Fill out our design form online and email to our customs team. For additional information and questions, contact our customs department 866-920-2741, ext. 289 or email [customparts@mcfarlaneaviation.com](mailto:customparts@mcfarlaneaviation.com).



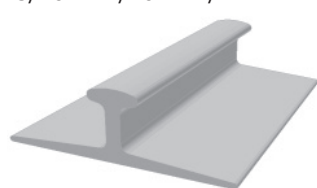
#### P/N STE101

1 1/2" X 7/10" X 1/2"



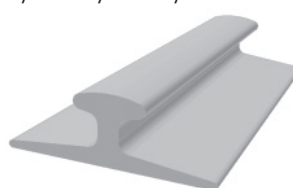
#### P/N STE102

2 3/10" X 7/10" X 1/2"



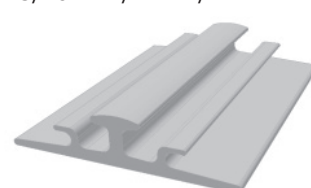
#### P/N STE103

1 1/2" X 1/2" X 1/2"



#### P/N STE104

2 3/10" X 1/2" X 1/2"



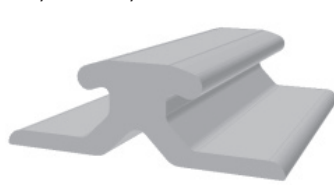
#### P/N STE108

1 3/4" X 5/8" X 1/2"



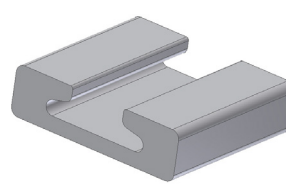
#### P/N STE109

2 3/10" X 3/4" X 1"



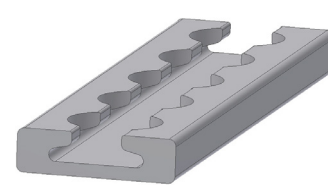
#### P/N STE105

1.34" X 0.37"



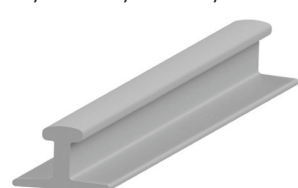
#### P/N 6656

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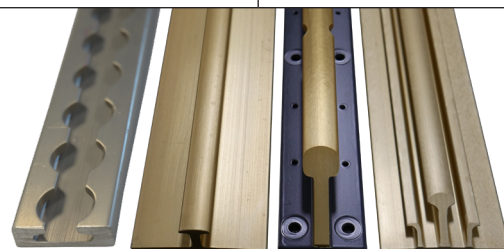
#### P/N STES2343-1

1 1/2" X 15/16" X 5/8"



#### P/N STES2617-1

2 5/8" X 1 1/8" X 1 1/4"



### Seat Rails for Cessna Aircraft

- Carefully engineered with many improvements
- Increased strength and longer life
- Anodized for corrosion and wear resistance
- Easier installation
- Full interchangeability with the original Cessna parts



### New! Seat Rails for 205, 206 and 207 Aircraft

- 34 new part numbers for the center and rear locations
- Includes rails for aircraft with cameras and club seating
- With many seat configurations, McFarlane has the rails!

### No Pre-Drilled Rivet Holes for Precise Installation

McFarlane seat rails do not have pre-drilled rivet holes in the rail base allowing the installer to exactly match the aircraft floor rivet pattern. McFarlane discovered while installing and developing our replacement seat rails that the seat rail attachment hole pattern was not consistent from aircraft to aircraft. Even small inconsistencies in the hole locations in the aircraft floor make installation of new seat rails very difficult. For this reason, McFarlane does not pre-drill rivet holes at the factory. (Existing stock may have a few pilot attachment holes drilled at the factory.) This allows the installer to precisely locate the attachment holes to match the holes in the aircraft floor. All special sized or machined attachment holes are machined to finish dimensions. It is necessary to replace all fasteners when the seat rails are installed.

### More Material in the Right Places

After studying countless worn and failed seat rails McFarlane's rails were designed with 15% more metal in critical areas. The result is more crack resistance, durability, strength and longer life.

### Seat Rails for 205-207 aircraft!



McFarlane Seat Rail Cessna Seat Rail

### Installation Tip:

*The aircraft floor is subject to corrosion from moisture under the seat rails. Be sure to remove and treat any corrosion before installing the new seat rails.*

Model	Serial Number	Inboard LH	Outboard LH	Outboard RH	Inboard RH	Template
150A,B,C,D,E,F1	15059019 thru 15063059	MC0411545-2	MC0411545-1 2	MC0411545-1 2	MC0411545-2	
150F1	15063060 thru 15063735	MC0411545-4	MC0411545-3 2	MC0411545-3 2	MC0411545-4	
150F1,G,H,J,K,L1	15063736 thru 15072628	MC0410219-2	MC0410219-1 2	MC0410219-1 2	MC0410219-2	
150L1	15072629 thru 15073658	MC0410230-2	MC0410230-3 2	MC0410230-2	MC0410230-3	
150L1,150M	15073659 thru 15079405	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
A150K,L1	A1500001 thru A1500276	MC0410219-2	MC0410219-1 2	MC0410219-1 2	MC0410219-2	
A150L1	A1500277 thru A1500342	MC0410230-2	MC0410230-3 2	MC0410230-2	MC0410230-3	
A150L1,M	A1500343 thru A1500734	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
F150F1	F1500001 thru F1500029	MC0411545-2	MC0411545-1 2	MC0411545-1 2	MC0411545-2	
F150F1	F1500030 thru F1500067	MC0411545-4	MC0411545-3 2	MC0411545-3 2	MC0411545-4	
F150G,H,J,K,L1	F1500068 thru F15000738	MC0410219-2	MC0410219-1 2	MC0410219-1 2	MC0410219-2	
F150L1	F15000739 thru F15000863	MC0410230-2	MC0410230-3 2	MC0410230-2	MC0410230-3	
F150L1,M	F15000864 thru F15001428	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
FA150K,L1	FA1500001 thru FA1500120	MC0410219-2	MC0410219-1 2	MC0410219-1 2	MC0410219-2	
FRA150L1	FRA1500121 thru FRA1500166	MC0410219-2	MC0410219-1 2	MC0410219-1 2	MC0410219-2	
FRA150L1,M	FRA1500167 thru FRA1500336	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
152	15279406 thru 15286033	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
A152	A1520735 thru A1521049	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
F152	F15201429 thru F15201980	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
FA152	FA1520337 thru FA1520425	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
170, 170A,B	18000 thru 27169	MC0511000-14	MC0511000-15 2	MC0511000-14	MC0511000-15 2	SRTEM1
172, 172A,B,C	28000 thru 17249544	MC0511293-1	MC0511293-3 2	MC0511293-4	MC0511293-2 2	SRTEM1
172D,E	17249545 thru 17251822	MC0511240-4	MC0511240-2 2	MC0511240-3	MC0511240-6 2	SRTEM2
172F,G,H,I,K1	17251823 thru 17258656	MC0511240-5	MC0511240-2 2	MC0511240-3	MC0511240-6 2	SRTEM2
172K1	17258657 thru 17259223	MC0511240-9	MC0511240-7 2	MC0511240-8	MC0511240-10 2	SRTEM2
172L	17259224 thru 17260758	MC0511240-15	MC0511240-11 2	MC0511240-12	MC0511240-14 2	SRTEM2
172M,N1	17260759 thru 17272884	MC0511243-4 2	MC0511243-5 2	MC0511243-6 2	MC0511243-4 2	SRTEM2
172N1,P1,Q	17272885 thru 17276516	MC2414002-2 2	MC2414002-1 2	MC2414002-2 2	MC2414002-1 2	SRTEM2
172P1	17276517 thru 17276654	MC0514209-4 2	MC0514209-1 2	MC0514209-2 2	MC0514209-3 2	SRTEM2
NOTE: Cessna Parts Manual has the location reversed on P/N 0514209-3 & 0514209-4. The info contained here has been verified as correct.						
172RG	172RG0001 thru 172RG1191	MC2414002-2 2	MC2414002-1 2	MC2414002-2 2	MC2414002-1 2	SRTEM2
F172D,E	F1720001 thru F1720085	MC0511240-4	MC0511240-2 2	MC0511240-3	MC0511240-6 2	SRTEM2
F172F,G,H1	F1720086 thru F17200739	MC0511240-5	MC0511240-2 2	MC0511240-3	MC0511240-6 2	SRTEM2
F172H1	F17200740 thru F17200754	MC0511240-9	MC0511240-7 2	MC0511240-8	MC0511240-10 2	SRTEM2
F172K,L	F17200755 thru F17200904	MC0511240-15	MC0511240-11 2	MC0511240-12	MC0511240-14 2	SRTEM2

Continued on next page

**Seat Rails for Cessna Aircraft continued from previous page**

Model	Serial Number	Inboard LH	Outboard LH	Outboard RH	Inboard RH	Template
F172M,N <sup>1</sup>	F17200905 thru F17201909	MC0511243-4 <sup>2</sup>	MC0511243-5 <sup>2</sup>	MC0511243-6 <sup>2</sup>	MC0511243-4 <sup>2</sup>	SRTEM2
F172N <sup>1</sup> ,P <sup>1</sup>	F17201910 thru F17202238	MC2414002-2 <sup>2</sup>	MC2414002-1 <sup>2</sup>	MC2414002-2 <sup>2</sup>	MC2414002-1 <sup>2</sup>	SRTEM2
F172P <sup>1</sup>	F17202239 thru F17202254	MC0514209-4 <sup>2</sup>	MC0514209-1 <sup>2</sup>	MC0514209-2 <sup>2</sup>	MC0514209-3 <sup>2</sup>	SRTEM2
NOTE: Cessna Parts Manual has the location reversed on P/N 0514209-3 & 0514209-4. The info contained here has been verified as correct.						
FP172	FP1720001 thru FP1720003	MC0511240-4	MC0511240-2 <sup>2</sup>	MC0511240-3	MC0511240-6 <sup>2</sup>	SRTEM2
FR172E,F,G <sup>1</sup>	FR17200001 thru FR17200190	MC0511240-5	MC0511240-2 <sup>2</sup>	MC0511240-3	MC0511240-6 <sup>2</sup>	SRTEM2
FR172G <sup>1</sup>	FR17200191 thru FR17200225	MC0511240-9	MC0511240-7 <sup>2</sup>	MC0511240-8	MC0511240-10 <sup>2</sup>	SRTEM2
FR172H	FR17200226 thru FR17200350	MC0511240-15	MC0511240-11 <sup>2</sup>	MC0511240-12	MC0511240-14 <sup>2</sup>	SRTEM2
FR172J,K <sup>1</sup>	FR17200351 thru FR17200655	MC0511243-4 <sup>2</sup>	MC0511243-5 <sup>2</sup>	MC0511243-6 <sup>2</sup>	MC0511243-4 <sup>2</sup>	SRTEM2
NOTE: Cessna Parts Manual has the location reversed on P/N 0514209-3 & 0514209-4. The info contained here has been verified as correct.						
FR172K <sup>1</sup>	FR17200656 thru FR17200675	MC2414002-2 <sup>2</sup>	MC2414002-1 <sup>2</sup>	MC2414002-2 <sup>2</sup>	MC2414002-1 <sup>2</sup>	SRTEM2
P172	P17257120 thru P17257188	MC0511240-4	MC0511240-2 <sup>2</sup>	MC0511240-3	MC0511240-6 <sup>2</sup>	SRTEM2
R172K <sup>1</sup>	R1722000 thru R1723199	MC0511243-4 <sup>2</sup>	MC0511243-5 <sup>2</sup>	MC0511243-6 <sup>2</sup>	MC0511243-4 <sup>2</sup>	SRTEM2
R172K <sup>1</sup>	R1723200 thru R1723454	MC2414002-2 <sup>2</sup>	MC2414002-1 <sup>2</sup>	MC2414002-2 <sup>2</sup>	MC2414002-1 <sup>2</sup>	SRTEM2
175	55001 thru 56777	MC0511293-1	MC0511293-3 <sup>2</sup>	MC0511293-4	MC0511293-2 <sup>2</sup>	SRTEM1
175A,B,C	17556778 thru 17557119	MC0511293-1	MC0511293-3 <sup>2</sup>	MC0511293-4	MC0511293-2 <sup>2</sup>	SRTEM1
177,A,B <sup>1</sup>	17700001 thru 17701636	MC1711015-3	MC1711015-1 <sup>2</sup>	MC1711015-2	MC1711015-4 <sup>2</sup>	SRTEM3
177B <sup>1</sup>	17701637 thru 17702752	MC1711015-9 <sup>2</sup>	MC1711015-7 <sup>2</sup>	MC1711015-8 <sup>2</sup>	MC1711015-10 <sup>2</sup>	SRTEM3
177RG <sup>1</sup>	177RG0105 thru 177RG01366	MC2011015-9 <sup>2</sup>	MC2011015-5 <sup>2</sup>	MC2011015-10 <sup>2</sup>	MC2011015-8 <sup>2</sup>	SRTEM3
F177RG	F177RG0007 thru F177RG0177	MC2011015-9 <sup>2</sup>	MC2011015-5 <sup>2</sup>	MC2011015-10 <sup>2</sup>	MC2011015-8 <sup>2</sup>	SRTEM3
180, 180A,B,C,D,E,F	30000 thru 18051312	MC0511000-14	MC0511000-15 <sup>2</sup>	MC0511000-14	MC0511000-64 <sup>2</sup>	SRTEM1
180G,H <sup>1</sup>	18051313 thru 18051490	MC0511000-68	MC0511000-69 <sup>2</sup>	MC0511000-68	MC0511000-70 <sup>2</sup>	SRTEM1
180H <sup>1</sup>	18051491 thru 18052103	MC0711693-1	MC0711693-2 <sup>2</sup>	MC0711693-1	MC0711693-2 <sup>2</sup>	SRTEM1
180H <sup>1</sup>	18052104 thru 18052215	MC0711693-1	MC0711693-4 <sup>2</sup>	MC0711693-1	MC0711693-4 <sup>2</sup>	SRTEM1
180H <sup>1</sup> ,J <sup>1</sup>	18052216 thru 18052500	MC0711693-8	MC0711693-6 <sup>2</sup>	MC0711693-8	MC0711693-6 <sup>2</sup>	SRTEM1
180J <sup>1</sup>	18052501 thru 18052620	MC0711693-8	MC0711693-7 <sup>2</sup>	MC0711693-8	MC0711693-7 <sup>2</sup>	SRTEM1
180J <sup>1</sup> ,K	18052621 thru 18053203	MC0711693-9 <sup>2</sup>	MC0711693-11 <sup>2</sup>	MC0711693-10 <sup>2</sup>	MC0711693-7 <sup>2</sup>	SRTEM1
182, 182A,B,C,D	33000 thru 18253598	MC0511293-1	MC0511293-3 <sup>2</sup>	MC0511293-4	MC0511293-2 <sup>2</sup>	SRTEM1
182E,F,G,H, J,K,L,M,N <sup>1</sup>	18253599 thru 18260445	MC0710618-1	MC0710618-5 <sup>2</sup>	MC0710618-4	MC0710618-6 <sup>2</sup>	SRTEM1
182N <sup>1</sup> ,P,Q,R/T182	18260446 thru 18268615	MC0710658-2 <sup>2</sup>	MC0710658-2 <sup>2</sup>	MC0710658-2 <sup>2</sup>	MC0710658-2 <sup>2</sup>	SRTEM1
A182J,K,L,M,N	A1820001 thru A1820148	MC0710618-1	MC0710618-5 <sup>2</sup>	MC0710618-4	MC0710618-6 <sup>2</sup>	SRTEM1
F182P,Q	F18200001 thru F18200169	MC0710658-2 <sup>2</sup>	MC0710658-2 <sup>2</sup>	MC0710658-2 <sup>2</sup>	MC0710658-2 <sup>2</sup>	SRTEM1
F182RG	FR18200001 thru FR18200070	MC0710658-2 <sup>2</sup>	MC0710658-2 <sup>2</sup>	MC0710658-2 <sup>2</sup>	MC0710658-2 <sup>2</sup>	SRTEM1
R182/TR182	R18200001 thru R18202041	MC0710658-2 <sup>2</sup>	MC0710658-2 <sup>2</sup>	MC0710658-2 <sup>2</sup>	MC0710658-2 <sup>2</sup>	SRTEM1
185,A,B,C,D <sup>1</sup>	1850001 thru 1850806	MC0511000-68	MC0511000-69 <sup>2</sup>	MC0511000-68	MC0511000-70 <sup>2</sup>	SRTEM1
185D <sup>1</sup> ,E, A185E <sup>1</sup>	1850807 thru 18501599	MC0711693-1	MC0711693-2 <sup>2</sup>	MC0711693-1	MC0711693-2 <sup>2</sup>	SRTEM1
A185E <sup>1</sup>	18501600 thru 18501954	MC0711693-1	MC0711693-4 <sup>2</sup>	MC0711693-1	MC0711693-4 <sup>2</sup>	SRTEM1
A185E <sup>1</sup> , A185F <sup>1</sup>	18501955 thru 18502565	MC0711693-8	MC0711693-6 <sup>2</sup>	MC0711693-8	MC0711693-6 <sup>2</sup>	SRTEM1
A185F <sup>1</sup>	18502566 thru 18502838	MC0711693-8	MC0711693-7 <sup>2</sup>	MC0711693-8	MC0711693-7 <sup>2</sup>	SRTEM1
A185F <sup>1</sup>	18502839 thru 18504448	MC0711693-9 <sup>2</sup>	MC0711693-11 <sup>2</sup>	MC0711693-10 <sup>2</sup>	MC0711693-7 <sup>2</sup>	SRTEM1
A188B	18800944 thru 18803968T	Left- MC1613423-3 <sup>2</sup>		Right- MC1613423-3 <sup>2</sup>		SRTEM1
T188C	T18803307T thru T18803968T	Left- MC1613423-3 <sup>2</sup>		Right- MC1613423-3 <sup>2</sup>		SRTEM1
190, 195	7001 thru 7999	MC0311715-4 <sup>2</sup>	MC0311715-3 <sup>2</sup>	MC0311715-3 <sup>2</sup>	MC0311715-4 <sup>2</sup>	SRTEM1
190, 195	16000 thru 16183	MC0311715-4 <sup>2</sup>	MC0311715-3 <sup>2</sup>	MC0311715-3 <sup>2</sup>	MC0311715-4 <sup>2</sup>	SRTEM1
210-5 (205), 210-5A (205A)	All	MC1210408-1 (Center) MC1211642-5	MC1210408-5 <sup>2</sup> (Center) MC1211642-3	MC1210408-4 (Center) MC1211642-4	MC1210408-6 <sup>2</sup> (Center) MC1211642-8	SRTEM1
		MC1210408-1	MC1210408-5 <sup>2</sup>	MC1210408-8	MC1210408-6 <sup>2</sup>	SRTEM1
206	2060001 thru 2060275	(Center) MC1211642-5	(Center) MC1211642-3	(Center) MC1211657-1	(Center) MC1211642-8 (Rear Fwd Aft) MC1211671-1	SRTEM1

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### Seat Rails for Cessna Aircraft continued from previous page

Model	Serial Number	Inboard LH	Outboard LH	Outboard RH	Inboard RH	Template
U206, U206A,B,C,D TU206A,B,C,D	U206-0276 thru U206-1444	MC1210408-1 (Center) MC1211642-5	MC1210408-5 <b>2</b> (Center) MC1211642-3	MC1210408-8 (Center) MC1211657-1 (Rear Fwd Aft) MC1211671-1	MC1210408-6 <b>2</b> (Center) MC1211642-8	SRTEM1
P206A,B,C,D TP206A,B,C,D	All	MC1210408-1 (Center) MC1211642-5	MC1210408-5 <b>2</b> (Center) MC1211642-3	MC1210408-4 (Center) MC1211642-4	MC1210408-6 <b>2</b> (Center) MC1211642-8	SRTEM1
U206E <b>1</b> , TU206E <b>1</b>	U20601445 thru U20601587	MC1210408-1 (Center) MC1211642-5	MC1210408-5 <b>2</b> (Center) Not available	MC1210408-8 (Center) MC1211657-1	MC1210408-6 <b>2</b> (Center) MC1211642-8	SRTEM1
	U20601588 thru U20601604	Not available (Center) MC1211642-5	MC1210408-21 <b>2</b> (Center) Not available	MC1210408-14 (Center) MC1211657-1	MC1210408-12 <b>2</b> (Center) MC1211642-8	SRTEM1
	U20601605 thru U20601618 and U2061633	Not available (Center) MC1211642-11 (Rear) MC1211782-7	MC1210408-21 <b>2</b> (Center) MC1211642-13 (Rear) MC1211783-3	MC1210408-14 (Center) MC1211657-2 (Rear) MC1211785-2	MC1210408-12 <b>2</b> (Center) MC1211642-12 (Rear) MC1211782-8	SRTEM1
	U20601619 thru U20601632	Not available (Center) MC1211642-5	MC1210408-21 <b>2</b> (Center) Not available	MC1210408-14 (Center) MC1211657-1	MC1210408-12 <b>2</b> (Center) MC1211642-8	SRTEM1
	U20601634 thru U20601700	Not available (Center) MC1211642-13	MC1210408-21 <b>2</b> (Center) MC1211642-13	MC1210408-14 (Center) Not available	MC1210408-12 <b>2</b> (Center) Not available	SRTEM1
	P206E, TP206E	MC1210408-1 (Center) MC1211642-5	MC1210408-5 <b>2</b> (Center) Not available	MC1210408-4 (Center) Not available	MC1210408-6 <b>2</b> (Center) MC1211642-8	SRTEM1
	U206F, TU206F	Not available (Center) MC1211642-11 (Rear) MC1211782-7	MC1210408-21 <b>2</b> (Center, w/ camera) MC1211642-13 (Rear, w/ camera) MC1211783-3	MC1210408-14 (Center) MC1211657-2 (Rear, w/ camera) MC1211785-2	MC1210408-12 <b>2</b> (Center) MC1211642-12 (Rear) MC1211782-8	SRTEM1
	U20603522 thru U20604120, U20604122 thru U20604133, U20604135 thru U20604137, U20604139 thru U20604146, U20604149 thru U20604151, U20604155 thru U20604157, U20604159 thru U20604160, U20604162 thru U20604171, U20604173 thru U20604176, U20604178 thru U20604179, U20604181 thru U20604183, U20604185	MC1210408-18 <b>2</b> (Center) MC1211642-11	MC1210408-21 <b>2</b> (Center, w/ camera) MC1211642-13	MC1210408-17 <b>2</b> (Center) MC1211657-2	MC1210408-12 <b>2</b> (Center) MC1211642-12	SRTEM1
	U20604186 thru U20604188 U20604191 thru U20604199	MC1210408-18 <b>2</b> Not available Not available	MC1210408-21 <b>2</b> (Center, w/ camera) MC1211642-13 (Rear, w/ camera) MC1211783-3	MC1210408-17 <b>2</b> Not available (Rear, w/ camera) MC1211785-2	MC1210408-12 <b>2</b> Not available Not available	SRTEM1
	U20604121, U20604134, U20604138 U20604147 thru U20604148, U20604152 thru U20604154, U20604158, U20604161, U20604184 U20604189 thru U20604190, U20604200 thru U20605309	MC1210408-18 <b>2</b> (Center) MC1211871-3 (Rear, w/ Club) MC1211875-3	MC1210408-21 <b>2</b> (Center, w/ camera) MC1211871-1 (Rear, w/ camera) MC1211875-1	MC1210408-17 <b>2</b> (Center, w/ camera) MC1211871-2 (Rear, w/ camera) MC1211875-2	MC1210408-12 <b>2</b> (Center) MC1211871-4 (Rear, w/ Club) MC1211875-4	SRTEM1

Continued on next page



**Seat Rails for Cessna Aircraft continued from previous page**

Model	Serial Number	Inboard LH	Outboard LH	Outboard RH	Inboard RH	Template
U206G <sup>1</sup> , TU206G <sup>1</sup>	U20604172, U20604177, U20604180	MC1210408-18 <sup>2</sup>	MC1210408-21 <sup>2</sup>	MC1210408-17 <sup>2</sup>	MC1210408-12 <sup>2</sup>	SRTEM1
		Not available	(Center, w/ camera) MC1211871-1	(Center, w/ camera) MC1211871-2	Not available	SRTEM1
		(Rear, w/ Club) MC1211875-3	(Rear, w/ camera) MC1211875-1	(Rear, w/ camera) MC1211875-2	(Rear, w/ Club) MC1211875-4	SRTEM1
	U20605310 thru U20607020	MC1210408-24 <sup>2</sup>	MC1210408-21 <sup>2</sup>	MC1210408-23 <sup>2</sup>	MC1210408-12 <sup>2</sup>	SRTEM1
		(Center) MC1211871-3	(Center, w/ camera) MC1211871-1	(Center, w/ camera) MC1211871-2	(Center) MC1211871-4	SRTEM1
		(Rear, w/ Club) MC1211875-13	(Rear, w/ camera) MC1211875-11	(Rear, w/ camera) MC1211875-12	(Rear, w/ Club) MC1211875-14	SRTEM1
207 <sup>1</sup> , T207 <sup>1</sup>	20700001 thru 20700215	MC1210408-1	MC1210408-9 <sup>2</sup>	Not Available	MC1210408-6 <sup>2</sup>	SRTEM1
207 <sup>1</sup> , T207, 207A <sup>1</sup> , T207A <sup>1</sup>	20700216 thru 20700562	MC1210408-18 <sup>2</sup>	MC1210408-15 <sup>2</sup>	MC1210408-16 <sup>2</sup>	MC1210408-12 <sup>2</sup>	SRTEM1
		(Center) MC1212863-7	(Center, w/ camera) MC1212863-9	(Center w/ camera) MC1212,863-6	(Center) MC1212863-8	SRTEM4
		(Rear Inboard) MC1211782-7	(Rear Outboard, w/ camera) MC1211783-3		(Rear Inboard) MC1211782-7	
207A <sup>1</sup> , T207A <sup>1</sup>	20700563 thru 20700788	MC1210408-24 <sup>2</sup>	MC1210408-15 <sup>2</sup>	MC1210408-22 <sup>2</sup>	MC1210408-12 <sup>2</sup>	SRTEM1
		(Center) MC1212863-13	(Center, w/ camera) MC1212863-11	(Center, w/ camera) MC1212863-10	(Center) MC1212863-12	SRTEM4
		(Rear) MC1211875-13	(Rear) MC1211875-11	(Rear) MC1211875-12	(Rear) MC1211875-14	SRTEM1
		Not Available	MC1210025-3 <sup>2</sup>	Not Available	MC1210025-2 <sup>2</sup>	SRTEM1
210, 210A	21057001 thru 21057840	MC1210408-1	MC1210408-5 <sup>2</sup>	MC1210408-4	MC1210408-6 <sup>2</sup>	SRTEM1
210B,C,D,E,F,G,H,J	21057841 thru 21059199	Fwd MC1210520-11 <sup>2</sup>	Fwd MC1210520-9 <sup>2</sup>	Fwd MC1210520-12 <sup>2</sup>	Fwd MC1210520-2 <sup>2</sup>	SRTEM1
210K,L <sup>1</sup> / T210K,L <sup>1</sup>	21059200 thru 21060539	Removable MC1210520-3	Removable MC1210520-4 <sup>2</sup>			
210L <sup>1</sup> , M/T210L <sup>1</sup> ,M	21060540 thru 21062954	Fwd MC1210520-11 <sup>2</sup>	Fwd MC1211514-1 <sup>2</sup>	Fwd MC1211514-1 <sup>2</sup>	Fwd MC1210520-2 <sup>2</sup>	SRTEM1
210N, R/T210N,R	21062955 thru 21065009	Removable MC1210520-3	Removable MC1210520-4 <sup>2</sup>			
210N, R/T210N,R	21062955 thru 21065009	Fwd MC1210520-15 <sup>2</sup>	Fwd MC1211514-2 <sup>2</sup>	Fwd MC1211514-2 <sup>2</sup>	Fwd MC1210520-16 <sup>2</sup>	SRTEM1/3
P210N <sup>1</sup>	P21000001 thru P21000150	Fwd MC1210520-11 <sup>2</sup>	Fwd MC1211514-1 <sup>2</sup>	Fwd MC1211514-1 <sup>2</sup>	Fwd MC1210520-2 <sup>2</sup>	SRTEM1
P210N <sup>1</sup> ,R	P21000151 thru P21000874	Removable MC1210520-3	Removable MC1210520-4 <sup>2</sup>			
P210N <sup>1</sup> ,R	P21000151 thru P21000874	Fwd MC1210520-15 <sup>2</sup>	Fwd MC1211514-2 <sup>2</sup>	Fwd MC1211514-2 <sup>2</sup>	Fwd MC1210520-16 <sup>2</sup>	SRTEM1/3
T210F,G,H,J	T2100001 thru T2100454	MC1210408-1	MC1210408-5 <sup>2</sup>	MC1210408-4	MC1210408-6 <sup>2</sup>	SRTEM1
305A,B,C,D,E,F	All	Front Seat Left- MC0611134-3 <sup>2</sup>		Front Seat Right- MC0611134-2 <sup>2</sup>		SRTEM1
Most 310 and 320	Cessna Manufactured	Left- 0812200-125		Right- 0812200-126		SRTEM1
<sup>1</sup> Partial model eligibility <sup>2</sup> These rails have seat adjust holes						

<sup>1</sup> Partial model eligibility  
<sup>2</sup> These rails have seat adjust holes

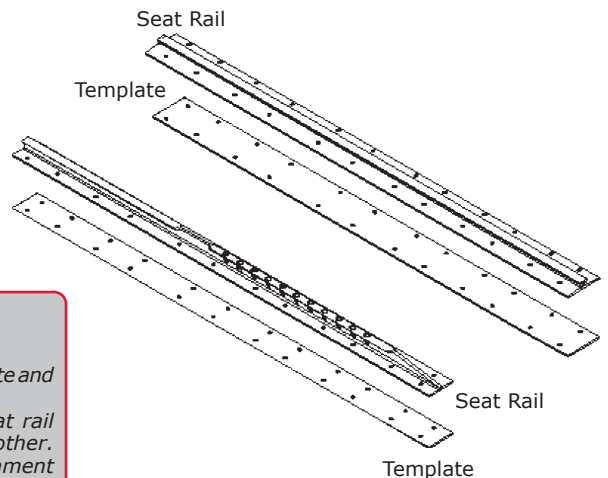
**Templates for Cessna Seat Rails**

Templates make the job of transferring the original rivet hole pattern from the old seat rail to the new seat rail easy!

- Inexpensive
- Achieve a precise fit every time

P/N	Dimensions
SRTEM1	1.5" X 38" X .025"
SRTEM2	2.25" X 30" X .025"
SRTEM3	1.5" X 58.63" X .025"

**One template per  
seat rail is required**



**To use the templates:**

1. Clamp the template to your old seat rail.
2. Drill holes through the holes in the old seat rail into the template.
3. Clamp the template to the new seat rail and drill several holes through the template and new seat rail.
4. Set the new seat rail in position in the aircraft and check for proper seat rail alignment. The seat rails must be properly aligned and parallel with each other.
5. Clamp the templates again to the new seat rail and make any required alignment adjustments discovered during the aircraft test installation.
6. Drill all of the required holes through the template and the new seat rail.

Models 150-152 and 190-195 do not require templates as the screw holes are pre-drilled.  
See seat rail eligibility for the template for your seat rails.

### Seat Rail Wear Gauge for Cessna Aircraft

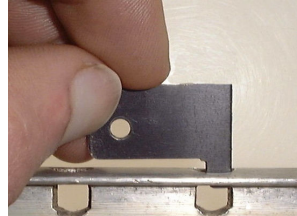
Checks seat rail wear limits as per FAA AD 2011-10-09

#### Seat Rail Directive

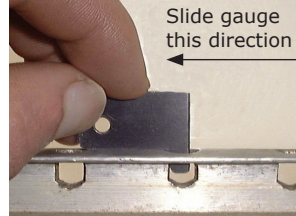
- Precision machined heat treated steel
- Best way to check seat rails for the limits defined by FAA AD 2011-10-09
- Save time and \$\$\$

The McFarlane Seat Rail Wear Gauge is designed to check for seat rail pin engagement hole wear on Cessna aircraft, as required by FAA AD 2011-10-09.

This gauge is designed to measure the actual radius wear near the seat stop holes and allows for the 0.020" upper surface wear permitted by the AD.



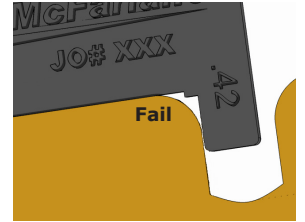
**1.** Place the gauge into each hole location showing wear.



**2.** Slide gauge back along **top center** of the rail until it contacts the hole edge. Make sure to keep the gauge parallel and square to the unworn rail surface.



**3.** If the step touches the rail, lifting the gauge up, the wear is less than 0.42. If the step **does not** touch the rail, the wear is more than 0.42 and the seat rail must be replaced.



**Fast and positive!  
No more guessing**



### Seat Rail Rivet and Screw Kits

We offer either rivets or screws as convenient kits containing AN and MS hardware. Many of the rivets required to attach the seat rail are difficult to install, so it is permissible to substitute screws with ultimate tensile strength exceeding 50 ksi with lock nuts provided. The holes are ream fit and spotfaced. Each kit contains enough rivets or screws to install four seat rails. They do not contain all required hardware for Cessna model 177 seat rails (one kit will install two rails). **Installation hardware items are also available separately.**



#### FAA General Aviation Airworthiness Information Bulletin CE-90-03R2, 08/26/2002 Original Issue 01/16/1991

This alert gives direction for replacement of seat rails on most Cessna airplanes as required by AD 87-20-03R2. It advises all specified owners and operators to install all required fasteners when seat rails are being replaced.

Many seat rails are manufactured with pilot holes only and do not contain all holes required for installation in the airplane. Therefore, the installer must assure there are sufficient holes to accommodate all required fasteners.

#### Note these recommendations:

1. When replacing a seat rail, note the number and location of all fastener holes on the seat rail being removed.
2. Match these holes against the holes in the replacement seat rail. If the replacement seat rail does not have all of the same holes at the same locations, they must be drilled.
3. Since it is difficult to install many of the rivets required to attach the seat rail, it is permissible to substitute screws with ultimate tensile strength exceeding 50 ksi.

Example of such screws are AN515, AN520, AN525, MS35206, MS35207, MS35214, MS35215, MS35218, MS35219, MS51957 or MS51958 with lock nuts, provided the holes are ream fit and spotfaced.

For further information contact your local FAA office.

#### Screw Kit eligibility on next page!

##### P/N RIVET KIT 1

Assortment of MS20470 1/8" and 5/32" universal head rivets

Cessna Model	Serial Number
FRA150L,M	All
170, 170A,B	All
172, 172A,B,C,D,E,F,G,H,I,K,L,M,N,P,Q,RG	All
F172D,E,F,G,H,K,L,M,N	All
F172P	F17202040 thru F17202238
FP172	All
FR172E,F,G,H	All
FR172J	FR17200351 thru FR17200559, FR17200562 and on
FR172K	All
P172D	All
R172K	All
175, 175A,B,C	All
180, 180A,B,C,D,E,F,G,H,J,K	All
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q	All
182R	18267716 thru 18268441, 18268542 thru 18268615
F182P	All
F182Q	F18200026 thru F18200129
FR182	All
R182	All
T182	18267716 thru 18268333, 18268384 thru 18268615
TR182	All
185, 185A,B,C,D,E	All
A185E,F	All
A188B	18800944 and on
A188B (w/ large hopper)	18800944T and on
T188C	T18803307T thru T18803968T
190	7001 thru 7999
195 (LC-126A,B,C)	All
210-5 (205), 210-5A (205A)	All
206, P206, P206A,B,C,D,E, U206, U206A,B,C,D,E,F,G	All
207, 207A, T207, T207A	All
210, 210A,B,C,D,E,F,G,H,J,K,L,M,N,R, P210N,R, T210F,G,H,J,K,L,M,N,R	All

**Seat Rail Rivet and Screw Kits continued from previous page**

Each kit contains enough rivets or screws to install four seat rails. They do not contain all required hardware for Cessna model 177 seat rails (one kit will install two rails). **Installation hardware items are also available separately.**



P/N SR150-SCREW-KT	
Contains #10 screws and hardware	
Cessna Model	
150, 150A,B,C,D,E,F,G,H,J,K,L,M	
A150K,L,M, A-150L	
F150F,G,H,J,K,L,M	
FA150K,L	
FA150L,M (when equipped with FKA150-2311 & FKA150-2316)	
FRA150L,M	
152, A152, F152, FA152	

P/N SR6-SCREW-KT	
Contains #6 and #8 screws and hardware	
Cessna Model	Serial Number
170, 170A,B	All
172, 172A,B,C,D,E,F,G, H,I,K,L,M,N,P,Q,RG, F172D,E,F,G,H,K,L,M,N,P	All
FP172	F17202040 thru F17202238
FR172E,F,G,H	All
FR172J	F17202040 thru F17202238
FR172K	All
P172D, R172K	All
175, 175A,B,C	All
180, 180A,B,C,D,E,F,G,H,J,K,	All
182, 182A,B,C,D,E,G,H, J,K,L,M,N,P,Q	All
182R	18267716 thru 18268368, 18268334 thru 18268441, 18268542 thru 18268615
F182P,Q, FR182, R182	All
T182	18267716 thru 18268333, 18268384 and on
TR182	All
185, 185A,B,C,D,E, A185E,F	All
A188B	18800944 and on
A188B (w/ large hopper)	18800944T and on
T188C	T18803307T thru T18803968T
190	7001 thru 7999
195	16000 thru 161683
210-5 (205), 210-5A (205A)	All
206, P206, P206A,B,C,D,E, U206, U206A,B,C,D,E,F,G	All
207, 207A, T207	All
T207A	20700363 thru 20700767, 20700769 and on
210, 210A,B,C,D,E,F,G,H, J,K,L,M,N,R, T210F,G,J,K,L,M,N,R	All

**How do I know which screw kit to use? SR6 or SR8?**

The screw kit depends on whether the holes in the floor of your airplane have been carefully removed and are close to new size, or if they have been enlarged by unskilled rivet removal or the rails have been changed before. It will make a difference if the previous rails installed were Cessna rails with predrilled holes in the rail. (They do not normally line up well and the floor has been slightly mis-drilled to force alignment). If the holes are good, use SR6-SCREW-KT kit. If the holes are enlarged, use SR8-SCREW-KT kit.

P/N SR8-SCREW-KT	
Contains #8 screws and hardware	
Cessna Model	Serial Number
170, 170A,B	All
172, 172A,B,C,D,E,F,G, H,I,K,L,M,N,P,Q,RG, F172D,E,F,G,H,K,L,M,N,P	All
FP172	F17202040 thru F17202238
FR172E,F,G,H	All
FR172J	F17202040 thru F17202238
FR172K	All
P172D, R172K	All
175, 175A,B,C	All
180, 180A,B,C,D,E,F,G,H,J,K,	All
182, 182A,B,C,D,E,G,H, J,K,L,M,N,P,Q	All
182R	18267716 thru 18268441, 18268542 thru 18268615
F182P,Q, FR182, R182	All
T182	18267716 thru 18268333, 18268384 and on
TR182	All
185, 185A,B,C,D,E, A185E,F	All
A188B	18800944 and on
A188B (w/ large hopper)	18800944T and on
T188C	T18803307T thru T18803968T
190	7001 thru 7999
195	16000 thru 161683
210-5 (205), 210-5A (205A)	All
206, P206, P206A,B,C,D,E, U206, U206A,B,C,D,E,F,G	All
207, 207A, T207, T207A	All
210, 210A,B,C,D,E,F,G,H,J,K,L,M,N,R, T210F,G,J,K,L,M,N,R	All

INTRODUCING  
SUNSPOT

# EQUINOX™

Dual-Function Landing and Taxi Light

## NEW!

**AEROLEDS™**

**Comes with integrated  
Pulse or WigWag feature**

*Utilizes the existing PAR36 mount  
and electrical connections*

#### Spotface Kit

##### Kit P/N SPOTFACE KIT

Contains a tool used with an electric drill to make a flat spot for screws. Cutter comes with three pilots.

Components sold as a kit or separately by part number.

##### Spotface Kit Components:

Description	Part Number
Cutter	6080
1/8" Pilot	6078
5/32" Pilot	6076
3/16" Pilot	6077
Pouch	6090

*Now modified for rail cap clearance!*



#### Pilot/Copilot Seat Rail Repair Kit for Cessna Citation Aircraft

##### P/N MCSK101

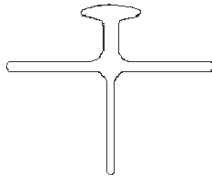
##### Save time and money!

McFarlane has created a patented solution, using input from Citation mechanics and our extensive experience with Cessna seat rails. Eligible for installation on all Cessna 500 and 501 series aircraft.

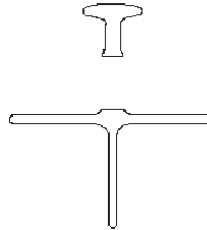
- FAA-PMA/STC approved
- Stronger than the Cessna splice repair
- No splice kit needed
- Makes future replacements bolt-in only
- Complete installation tool kit may be purchased or rented
- No cutting or riveting below the floor level

Patent Number 7,168,674 B2

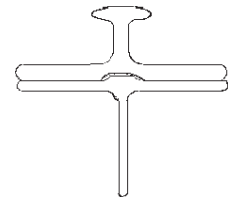
##### Original Cessna Seat Rail Extrusion



##### Cut the rail cap off using the McFarlane tool kit



##### Bolt the McFarlane replacement seat rail to the Cessna extrusion



#### Crew Rails and Cargo Tracks for Cessna Caravan

The leading manufacturer of seat rails now has PMA approval on rails and tracks for 208 series!

- FAA-PMA direct replacements
- Improved thickness and stability
- Fits all Cessna 208/208B aircraft
- Anodized for superior wear and corrosion resistance
- Polyurethane undercoating for optimal corrosion resistance

*See eligibility in the Caravan section of our catalog!*

**With two versions available, drilled or undrilled, McFarlane seat rails will meet your needs.**

McFarlane offers the Seat Rails with the rivet holes drilled in the bottom flange, and in an "S" suffix part number which has the rivet holes in the flange omitted. This undrilled version allows for easier installation in a replacement part situation as it allows the installer to match drill the original holes from the frame/aircraft to the seat rail.

Example P/N MC2601088-1 (drilled) and P/N MC2601088-1S (undrilled).



#### Seat Rail for Piper Aircraft

##### P/N MC62557-004 (seat rail - used in all positions)

**Save \$\$\$**

- Direct replacement - used in all positions
- Precision machined
- Gold anodized for corrosion resistance
- Dry lubricant applied for long service life
- They are prettier too!



*Eligibility on the following page!*

#### Seat Rollers and Bushings for Piper Aircraft

Newly added P/N CA65003-047 and P/N CA95061-106 Bushings!

- Direct replacement
- Save \$\$\$



P/N CA18968-000



P/N CA87332-002



Bushing



P/N MS24462-4 also available!



**Seat Rail, Rollers, and Bushings for Piper Aircraft**  
continued from previous page



P/N CA18968-000



P/N CA87332-002



Bushing

Model	Serial Number	Seat Rail MC62557-004	Seat Roller CA18968-000 Small roller: 0.42" OD	Seat Roller CA87332-002 Large roller — 0.62" OD	Seat Bushing CA41413-038 Bushing — 0.3060" OD	Seat Bushing CAG5003-047 Bushing — 0.3052" OD	Seat Bushing CA95061-106 Bushing — 0.3049" OD
PA-23, PA-23-160	All		•				
PA-23-235	All		•				
PA-23-250	27-1 thru 27-3836, 27-3838 thru 27-3943 27-3837, 27-3944 thru 27-7554168, 27-7654001 and on		•		•		
PA-24-250, 400	All		•				
PA-24-260	24-3462 thru 24-4246, 24-4248 thru 24-4299 24-4247, 24-4300 and on		•		•		
PA25, PA25-235	25-1 thru 25-4171				•		
PA-28-140	28-20002 thru 28-26400 <sup>2</sup> , 28-26401 thru 28-26956 <sup>2 3</sup>	•	1	1		•	
	28-26957 thru 28-7125000 <sup>3</sup>	•	1	1		•	•
	28-7125001 thru 28-7325684 <sup>3</sup>	•	1	1			•
	28-7325685 thru 28-7625235 28-7625236 and on	•	1	1			
PA-28-150, PA-28-160	All <sup>2</sup>	•	1	1		•	
PA-28-151, 161	All	•	1	1			•
PA-28-180	28-671 thru 28-5600 <sup>2</sup> , 28-5601 thru 28-5869 <sup>2 3</sup> , 28-5870 thru 28-7105000	•	1	1		•	
	28-7105001 thru 28-7305611 <sup>3</sup>	•	1	1		•	•
	28-7305612 and On	•	1	1			•
PA-28R-180	28R-30005 thru 28R-31250 <sup>2</sup> (except 28R-30482), 28R-31251 thru 28R-31279 <sup>2 3</sup> , 28R-31280 thru 28R-7130000 <sup>3</sup>	•	1	1		•	
	28R-7130001 thru 28R-7130019 <sup>3</sup>	•	1	1		•	•
	28R-7130020 and On	•	1	1			•
PA-28-181	28-7690001 to 28-7690385 <sup>2 3</sup> , 28-7690386 thru 28-8290188 <sup>3</sup> , 28-8390001 and on <sup>3</sup> , 2890206 and on <sup>3</sup> , 2843001 and on <sup>3</sup> , 2881001 and on <sup>3</sup>	•	1	1			•
PA-28R-200	28R-30482 <sup>2</sup> , 28R-35001 thru 28R-35600 <sup>2</sup> , 28R-35601 thru 28R-35830 <sup>2 3</sup> , 28R-35831 thru 28R-7135000 <sup>3</sup>	•	1	1		•	
	28R-7135001 thru 28R-7335455 <sup>3</sup> , 28R-7335456 thru 28R-7635328	•	1	1		•	•
	28R-7635329 and on	•	1	1			•
PA-28-201T	All	•	•				•
PA-28R-201, 201T	All	•	•			•	•
PA-28RT-201, 201T	All	•	1	1		•	•
PA-28-235	28-10003 thru 28-11300 <sup>2</sup> , 28-11301 thru 28-11393 <sup>2 3</sup> , 28-11394 thru 28-7110000 <sup>3</sup>	•	1	1		•	
	28-7110001 thru 28-7310187 <sup>3</sup>	•	1	1		•	•
	28-7310188 thru 28-7610138	•	1	1			•
	28-7610139 and on	•	1	1			
PA-28-236	All	•	1	1			•
PA-30	30-1 thru 30-852, 30-854 thru 30-901 30-853, 30-902 and on		•		•		
PA-31-300, 325	All		•		•		
PA-31-350, PA-31P, PA-31P-350, PA-31T, 31T1, 31T2, 31T3	All		•		•		
PA-32-260	32-1251 thru 32-7300076 <sup>3</sup>	•	1	1		•	•
	32-7300077 and On	•	1	1			•
PA-32-300	32-40851 thru 32-7340201 <sup>3</sup>	•	1	1		•	•
	32-7340202 and on	•	1	1			•
PA-32-301,301T	All	•	1	1			•
PA-32R-300,301,301T, PA-32RT-300, 300T	All	•	1	1		•	•
PA-34-200 <sup>4</sup> ,200T,220T	All	•	1	1		•	•
PA-39, PA-42, PA-42-720, PA-42-1000	All		•		•		
PA-44-180 180T	All	•	•			•	•
PA-46-310P, PA-46-350P (w/ G1000)	All			•			•
PA-46-500TP	4697001, 4697003 thru 4697339 and 4697341 thru 4697398						•
PA-46R-350T	All						•

<sup>1</sup> To determine your roller, verify the outer diameter at the center of the roller: 0.42" use P/N CA18968-000, 0.62" use P/N CA87332-002.

<sup>2</sup> Standard seats

<sup>3</sup> Vertically adjustable front seats

<sup>4</sup> Used if the seat assembly incorporates a "U" shaped handle for the seat track release mechanism.

### Seat Roller Kits for Cessna Aircraft

Now also approved for 300-400 series aircraft!

McFarlane seat parts were developed to assist in complying with the parts replacement requirements of FAA Airworthiness Directive 87-20-03. This AD requires the periodic inspection and replacement of seat components of the entire Cessna light aircraft fleet. Our parts are direct replacements for the wear related seat components. All parts are available individually or as convenient kits.

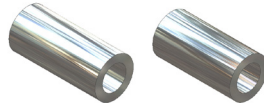
#### Rollers

- Fabricated from molydisulfide filled nylon for improved strength and self-lubrication
- Fully machined from extruded stock for a finer surface finish and higher strength



#### Bushings

- Machined from alloy steel
- Longer life
- Greater wear resistance



#### Washers

- Super tough acetyl plastic
- Resists wear and aging
- MC1714000-41 full round washer also available



### Choose the Correct Kit

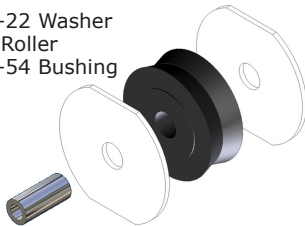
The seat related replacement parts are not serial number specific, as the type of seat installed in the aircraft was optional when the aircraft was ordered from the factory. A common seat configuration is the pilot seat being "articulating" or "infinitely adjustable" while the co-pilot seat is the "standard" or "vertically adjustable" style. **One kit per seat is required.**

The most positive way to ensure that you are choosing the proper seat kit for your aircraft is to measure the rollers.

#### SEAT-KT-1

**Roller diameter approximately 1 3/8"** This kit is used with the "infinitely adjustable" or "articulating" seats installed in Cessna single engine aircraft from 1963 thru 1986. Two adjustment crank handles identify this seat. The backrest angle is adjusted with a crank. It is also used with some 336-337 series aircraft. The SEAT-KT-1 contains the same components as four of the Cessna 1714000K200 kits. *All seats in the 177 Cardinal will use the large seat roller and require this kit. These parts are not used on models 150-152.*

- (8) MC1714000-22 Washer
- (4) MCS1704-1 Roller
- (4) MC1414104-54 Bushing

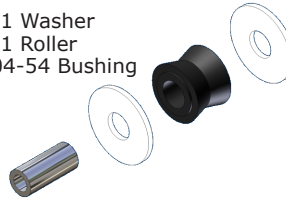


#### SEAT-KT-2

**Roller diameter approximately 5/8"** This kit is used with the "Standard" or "Vertically adjustable" seat installed in Cessna single engine aircraft from 1963 through 1986. This seat is identified by one or no adjustment crank handles. The seat back angle is adjusted with a lever on the side of the seat back. It is also used with some 336-337 series aircraft. The SEAT-KT-2 contains the same components as four of the Cessna 1414100-212 kits.

*These parts are not used on C150-152.*

- (8) MCS1554-1 Washer
- (4) MCS1551-1 Roller
- (4) MC1414104-54 Bushing

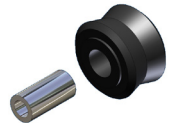


#### SEAT-KT-3

**Roller diameter approximately 7/8" with no wear washers**

This kit is used with all Cessna 150-152 seats and all Cessna single engine aircraft built before 1963. A welded steel tubing seat frame easily identifies these seats. It is also used with some Cessna twin engine aircraft.

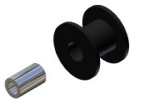
- (4) MC0311310 Roller
- (4) MC0311586 Bushing



#### Obsolete Roller 1964-1965

Cessna aircraft manufactured in 1964 and 1965 had a spool shape roller with a smaller bushing. Use SEAT-KT-2 to replace this style roller.

*The complete kit must be used, as the bushing size is different.*



### Seat Roller Housings

FAA-PMA approved for Cessna aircraft

Save \$\$\$

- Anodized for improved wear and corrosion resistance
- Precision machined with perfected dimensions for smooth installation and operation
- FAA-PMA direct replacement
- Seat roller housings for most single engine Cessna and Skymaster
- Replace out of spec housings as required by FAA AD 2011-10-09
- Convenient flowchart to determine correct housings for your aircraft

#### Housing/Bracket Assembly: P/N's with B suffix

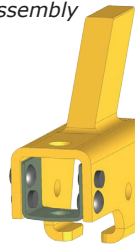
Save time and \$\$\$ with housing/bracket assemblies. Most housings with a locking pin hole are available with or without the MC1414104-8 bracket. Just add a "B" suffix to the housing part number to buy the complete assembly.

**We highly recommend buying complete assemblies. The bracket rivet spacing is very close making riveting difficult without special tooling.** Bracket also available separately.

Typical seat roller housing



Typical seat roller housing-bracket assembly



Bracket  
P/N MC1414104-8



P/N MC1200603-42



P/N MC1414104-61B



P/N MC0700645-4



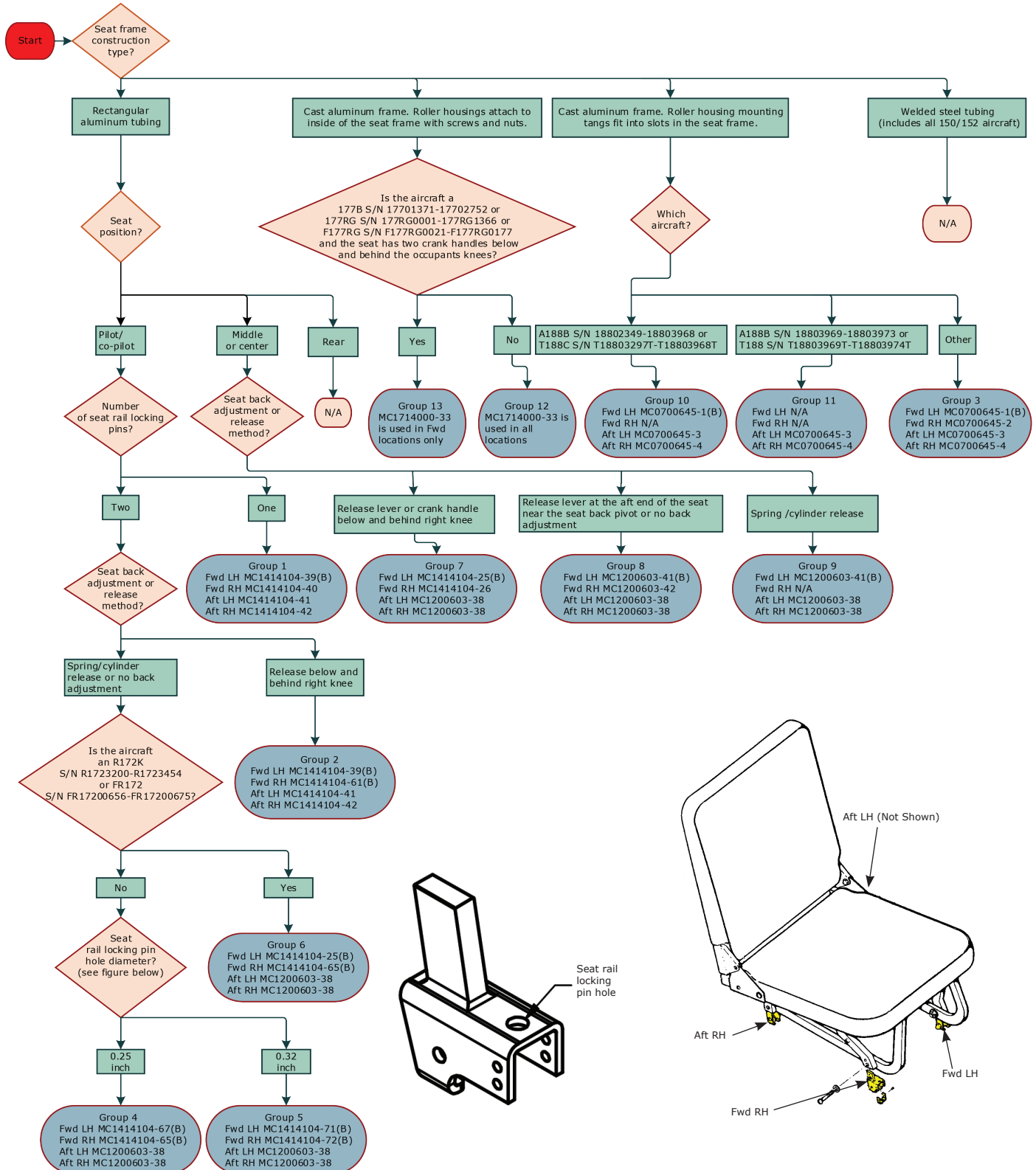
P/N MC1714000-33

**Full assemblies save time! The old bracket does not have to be removed and reinstalled.**

**Flowchart to determine correct housings on the following page**

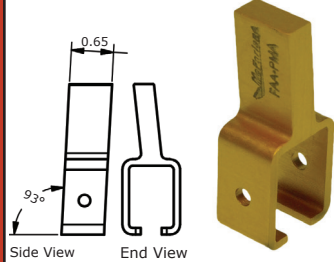
### Need help selecting the correct housing for your seat?

With over two dozen part numbers and many different seat options, this can be very challenging. Only McFarlane has a convenient flowchart to make it easy!

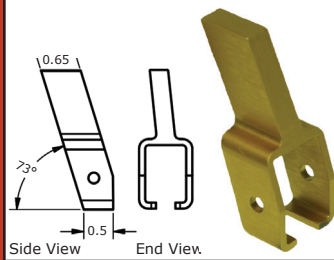


### Group 1

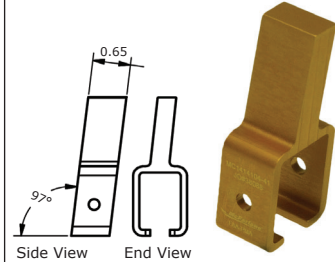
Aft RH P/N MC1414104-42



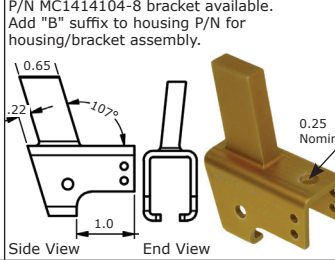
Fwd RH P/N MC1414104-40



Aft LH P/N MC1414104-41

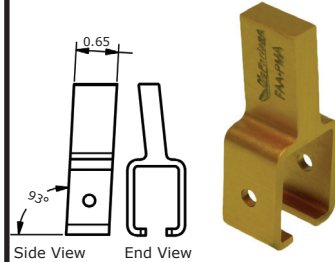


Fwd LH P/N MC1414104-39

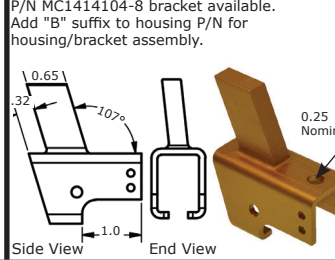


### Group 2

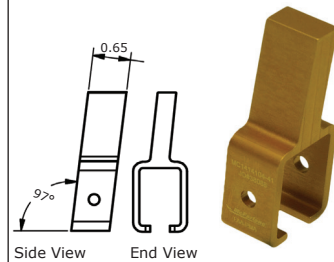
Aft RH P/N MC1414104-42



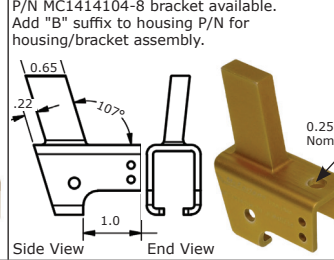
Fwd RH P/N MC1414104-61



Aft LH P/N MC1414104-41

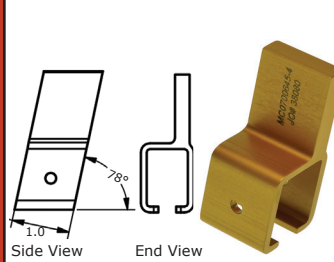


Fwd LH P/N MC1414104-39

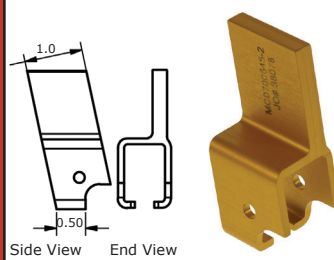


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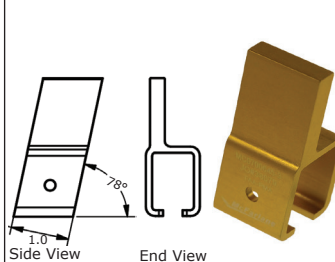
Aft RH P/N MC0700645-4



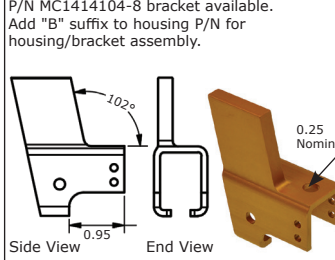
Fwd RH P/N MC0700645-2



Aft LH P/N MC0700645-3

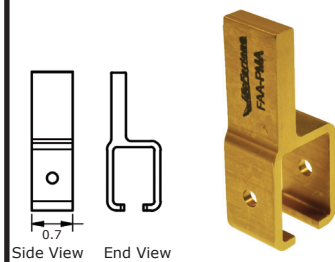


Fwd LH P/N MC0700645-1

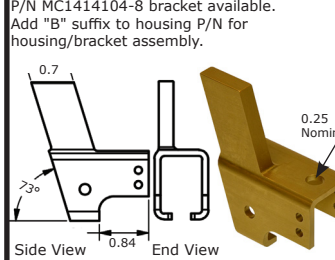


### Group 4

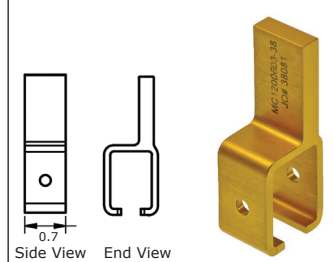
Aft RH P/N MC1200603-38



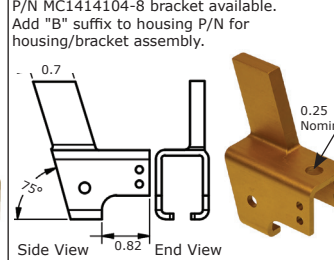
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Aft LH P/N MC1200603-38

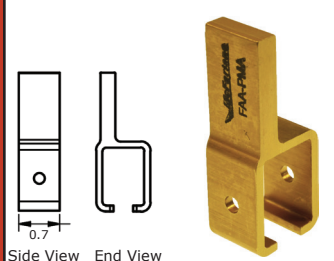


Fwd LH P/N MC1414104-67

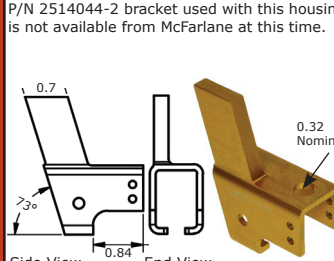


### Group 5

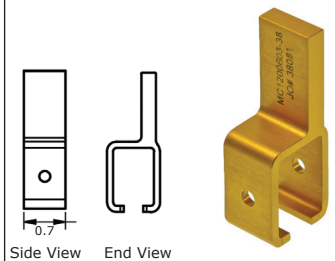
Aft RH P/N MC1200603-38



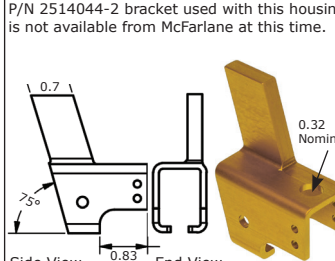
Fwd RH P/N MC1414104-72



Aft LH P/N MC1200603-38

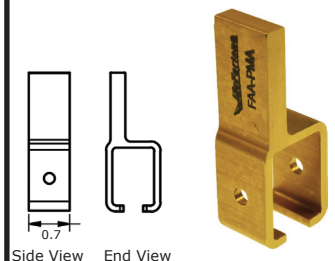


Fwd LH P/N MC1414104-71

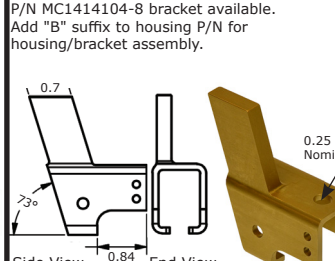


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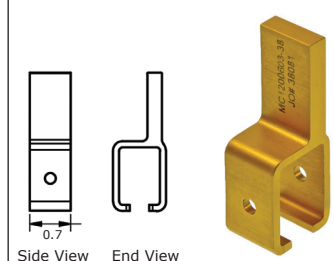
Aft RH P/N MC1200603-38



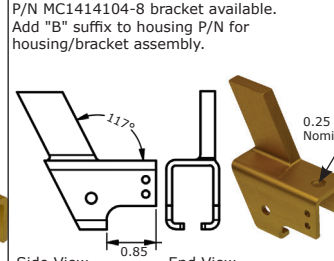
Fwd RH P/N MC1414104-65



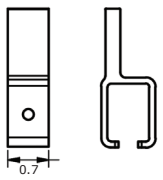
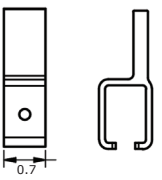
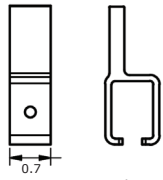
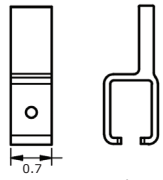
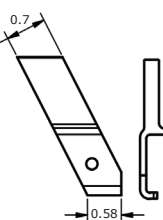
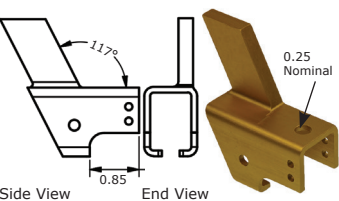
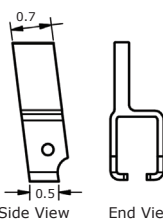
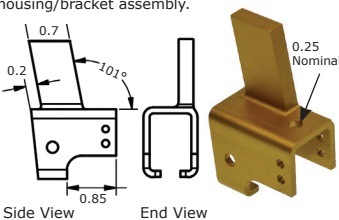
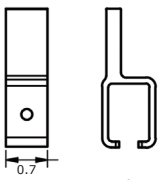
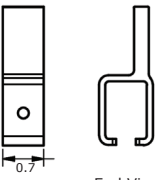
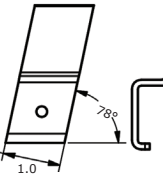
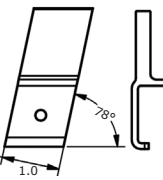
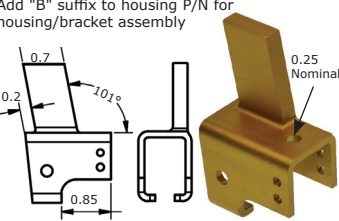
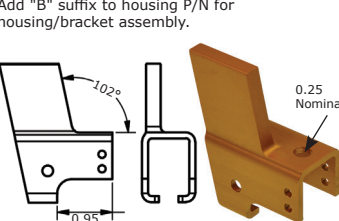
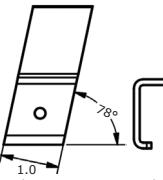
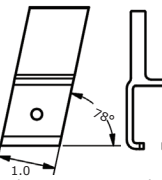






Aft LH P/N MC1200603-38



Fwd LH P/N MC1414104-25





Group 7		Group 8	
<b>Aft RH P/N MC1200603-38</b>  Side View End View	<b>Aft LH P/N MC1200603-38</b>  Side View End View	<b>Aft RH P/N MC1200603-38</b>  Side View End View	<b>Aft LH P/N MC1200603-38</b>  Side View End View
<b>Fwd RH P/N MC1414104-26</b>  Side View End View	<b>Fwd LH P/N MC1414104-25</b> P/N MC1414104-8 bracket available. Add "B" suffix to housing P/N for housing/bracket assembly.  Side View End View	<b>Fwd RH P/N MC1200603-42</b>  Side View End View	<b>Fwd LH P/N MC1200603-41</b> P/N MC1414104-8 bracket available. Add "B" suffix to housing P/N for housing/bracket assembly.  Side View End View
Group 9		Group 10	
<b>Aft RH P/N MC1200603-38</b>  Side View End View	<b>Aft LH P/N MC1200603-38</b>  Side View End View	<b>Aft RH P/N MC0700645-4</b>  Side View End View	<b>Aft LH P/N MC0700645-3</b>  Side View End View
<b>Fwd RH</b> <p style="text-align: center;"><b>N/A</b></p>	<b>Fwd LH P/N MC1200603-41</b> P/N MC1414104-8 bracket available. Add "B" suffix to housing P/N for housing/bracket assembly.  Side View End View	<b>Fwd RH</b> <p style="text-align: center;"><b>N/A</b></p>	<b>Fwd LH P/N MC0700645-1</b> P/N MC1414104-8 bracket available. Add "B" suffix to housing P/N for housing/bracket assembly.  Side View End View
Group 11		Group 12	
<b>Aft RH P/N MC0700645-4</b>  Side View End View	<b>Aft LH P/N MC0700645-3</b>  Side View End View	<b>Aft RH P/N MC1714000-33</b> 	<b>Aft LH P/N MC1714000-33</b> 
<b>Fwd RH</b> <p style="text-align: center;"><b>N/A</b></p>	<b>Fwd LH</b> <p style="text-align: center;"><b>N/A</b></p>	<b>Fwd RH P/N MC1714000-33</b> 	<b>Fwd LH P/N MC1714000-33</b> 
Group 13		Group 14	
<b>Aft RH</b> <p style="text-align: center;"><b>N/A</b></p>	<b>Aft LH</b> <p style="text-align: center;"><b>N/A</b></p>	<b>Fwd RH P/N MC1714000-33</b> 	<b>Fwd LH P/N MC1714000-33</b> 

### Seat Roller Housing Gauge for Cessna Aircraft

Checks Cessna seat roller housing limits as per FAA AD 2011-10-09

Our Seat Roller Housing Gauge is designed to inspect seat roller housing wear in Cessnas, as required by mandatory FAA AD 2011-10-09. This gauge simplifies determining if the housing is in or out of tolerance by allowing the areas of concern to be gauged, as opposed to measuring individual attributes on each seat roller housing with calipers. Do not use on welded/non-replaceable seat roller housings.

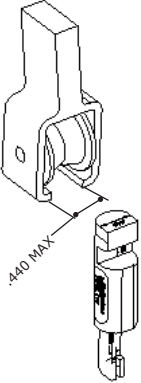
**P/N TOOL110**

- Hardened Stainless Steel
- Save time! 10x faster than calipers
- Step by step instructions
- Measures all three dimensions without removing rollers



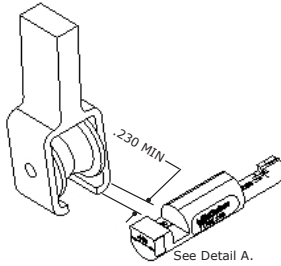
#### Step 1.

.440 gauge surfaces must not enter space between housing tangs.



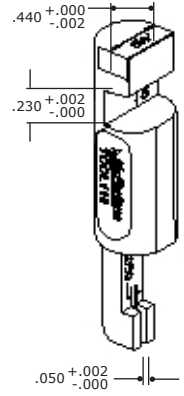
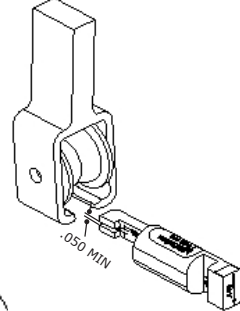
#### Step 2.

The bend area of the tang must not enter the space on the gauge marked .230. See Detail A.



#### Step 3.

The .050 space on the gauge must not fit on the worn area of the tang.



To calibrate; ensure gauge dimensions are within the tolerances shown above.

### Seat Stops for Cessna Aircraft

McFarlane Seat stops are stronger than the originals!

Kits contain FAA-PMA and industry standard components



SSC-01

AeroTwin Seat Stop



SEAT STOP KIT 1



SEAT STOP KIT 2



SEAT STOP KIT 3

McFarlane Seat Stop Kits

#### McFarlane Seat Stop Kit Components

##### SEAT STOP KIT 1

Qty	P/N	Description
1	MC0713074-1	Seat Stop "U" Design
1	MS24665-132	Cotter Pin, 1/16" X 1/2"
1	MS20392-1C21	Clevis Pin

##### SEAT STOP KIT 2

Qty	P/N	Description
1	MC0511242-1	Seat Stop "Bar Design"
1	MS35265-41	Screw

##### SEAT STOP KIT 3

Qty	P/N	Description
1	MC0713074-1	Seat Stop "U" Design
1	MS24665-132	Cotter Pin, 1/16" X 1/2"
1	MS20392-1C21	Clevis Pin
2	NAS43DD1-9FC	Spacer

Model	Serial Number	Part Number	Mfg
150E1,F1	15061273 thru 15063762	SSC-01	A
150F1,G,H,J,K,L1	15063763 thru 15073658	Seat Stop Kit 3	M
150L1,M	15073659 thru 15079405	SSC-01	A
A150K,L1	A1500001 thru A1500342	Seat Stop Kit 3	M
A150L1	A1500343 thru A1500523	SSC-01	A
F150G,H,J,K,L1	F1500068 thru F15000863	Seat Stop Kit 3	M
FA150K,L1	FA1500001 thru FA1500166	Seat Stop Kit 3	M
172, 172A,B,C	28000 thru 17249544	Seat Stop Kit 1	M
172D,E,F,G,H,I,K,L,M,N,P1,Q	17249545 thru 17276516	SSC-01	A
F172M,N,P	F17200905 thru F17202238	Seat Stop Kit 2	M
FR172E,F,J,K	FR17200001 thru FR17200675	Seat Stop Kit 2	M
P172	P17257120 thru P17257188	Seat Stop Kit 2	M

Continued on next page

**Seat Stops for Cessna Aircraft continued from previous page**

Model	Serial Number	Part Number	Mfg
172P <sup>1</sup>	17276517 thru 17276673	Seat Stop Kit 1	M
F172P	F17202239 thru F17202254	Seat Stop Kit 1	M
R172K	R1722000 thru R1723454	Seat Stop Kit 2	M
172RG	172RG0001 thru 172RG1191	Seat Stop Kit 2	M
175, 175A,B,C	55001 thru 17557119	Seat Stop Kit 1	M
		SSC-01	A
177,A,B	17700001 thru 17702752	Seat Stop Kit 2	M
177RG	177RG0001 thru 177RG1366	Seat Stop Kit 2	M
180,A,B,C,D,E,F,G,H,J,K	30000 thru 18053203	Seat Stop Kit 1	M
		SSC-01	A
182,A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R	33000 thru 18268586	Seat Stop Kit 1	M
		SSC-01	A
F182P,Q	F18200001 thru F18200169	Seat Stop Kit 1	M
FR182	FR18200001 thru FR18200070	Seat Stop Kit 1	M
T182	18267716 thru 18268541	Seat Stop Kit 1	M
		SSC-01	A
R182/ TR182	R18200001 thru R18202041	Seat Stop Kit 1	M
		SSC-01	A
185,A,B,C,D,E	185-0001 thru 185-1149	Seat Stop Kit 1	M
		SSC-01	A
A185E,F	18501600 thru 18504448	Seat Stop Kit 1	M
188, 188A, A188, A188A	1880001 thru 18800832	Seat Stop Kit 1	M
		SSC-01	A
188B <sup>1</sup>	188002349 thru 18803846 188002349T thru 18803968T	Seat Stop Kit 1	M
		SSC-01	A
T188C	T18803297T thru T18803968T	Seat Stop Kit 1	M
		SSC-01	A
<b>Standard Seats</b>			
188B	18800833 thru 18802348	Seat Stop Kit 1	M
		SSC-01	A
A188B <sup>1</sup>	18800967T thru 18802348T	Seat Stop Kit 1	M
		SSC-01	A
<b>Infinitely Adjustable Seats</b>			
188B	18800833 thru 18802348	Seat Stop Kit 2	M
		SSC-01	A
A188B <sup>1</sup>	18800967T thru 18802348T	Seat Stop Kit 2	M
		SSC-01	A
<b>Pilot/Copilot &amp; Middle Seats</b>			
210-5 (205), 210-5A (205A)	205-0001 thru 205-0577	Seat Stop Kit 1	M
		SSC-01	A
<b>Pilot/Copilot Seats</b>			
206	206-0001 thru 206-0275	Seat Stop Kit 1	M
		SSC-01	A
U206,A,B,C,D, TU206A,B,C,D	U206-0276 thru U206-1444	Seat Stop Kit 1	M
		SSC-01	A
P206,A,B,C,D, TP206A,B,C,D	P206-0001 thru P206-0603	Seat Stop Kit 1	M
		SSC-01	A
U206E <sup>1</sup> ,F,G, TU206E <sup>1</sup> F,G	U20601588 thru U20607020	Seat Stop Kit 1	M
		SSC-01	A
<b>Standard Pilot/Copilot Seats</b>			
U206E <sup>1</sup> , TU206E <sup>1</sup>	U20601445 thru U20601587	Seat Stop Kit 1	M
		SSC-01	A
P206E, TP206E	P20600604 thru P20600647	Seat Stop Kit 1	M
		SSC-01	A
<b>Infinitely Adjustable Pilot/Copilot Seats</b>			
U206E <sup>1</sup> , TU206E <sup>1</sup>	U20601445 thru U20601587	Seat Stop Kit 2	M
		SSC-01	A
P206E, TP206E	P206-0604 thru P206-0647	Seat Stop Kit 2	M
		SSC-01	A
<b>Middle Seats</b>			
206, U206,A,B,C,D,E,F,G	206-0001 thru 206-0275	Seat Stop Kit 1	M
TU206A,B,C,D,E,F,G	U206-0276 thru U20607020	Seat Stop Kit 1	M
P206,A,B,C,D,E	P206-0001 thru P206-0647	Seat Stop Kit 1	M
TP206A,B,C,D,E	P206-0001 thru P206-0647	Seat Stop Kit 1	M

**Continued on next page**

### Seat Stops for Cessna Aircraft continued from previous page

Model	Serial Number	Part Number	Mfg
<b>Standard Pilot/Copilot Seats</b>			
207 <sup>1</sup> , T207 <sup>1</sup>	20700001 thru 20700215	Seat Stop Kit 1 SSC-01	M A
<b>Infinitely Adjustable Pilot/Copilot Seats</b>			
207 <sup>1</sup> , T207 <sup>1</sup>	20700149 thru 20700215	Seat Stop Kit 2 SSC-01	M A
<b>Pilot/Copilot Seats</b>			
207A <sup>1</sup> , T207A	20700216 thru 20700788	Seat Stop Kit 1 SSC-01	M A
<b>Middle Seats</b>			
207 <sup>1</sup> ,A, T207 <sup>1</sup> ,A	20700001 thru 20700788	Seat Stop Kit 1 SSC-01	M A
<b>Pilot/Copilot Seats</b>			
210,A,B,C,D,E,F, G,H,J,K,L,M,N	57001 thru 21064897	Seat Stop Kit 1 SSC-01	M A
210R	21064898 thru 21065009	Seat Stop Kit 1	M
T210	T210-0001 thru T210-0454	Seat Stop Kit 1	M
<b>Middle Seats</b>			
210K,L,M,N,R	21059200 thru 21065009	Seat Stop Kit 1	M
T210K,L,M,N,R	21059200 thru 21065009	Seat Stop Kit 1	M
P210N,R	P21000001 thru P210000867	Seat Stop Kit 1	M
<b>Rear Seats</b>			
210D,E,F,G,H,J	21058221 thru 21059199	Seat Stop Kit 1	M
T210	T210-0001 thru T210-0454	Seat Stop Kit 1	M
<b>Pilot/Copilot Seats</b>			
T210F,G,H,J	T2100001 thru T2100454	Seat Stop Kit 1	M
P210N	P2100001 thru P21000834	Seat Stop Kit 1 SSC-01	M A
P210R	P210000835 thru P210000867	Seat Stop Kit 1	M

<sup>1</sup> Partial model eligibility

#### Manufacturer:

A Aero Twin, Inc.

M McFarlane Aviation Products

### Seat Release Cable Assembly for Cessna Aircraft

**FAA-PMA approved, improved design for long life!**

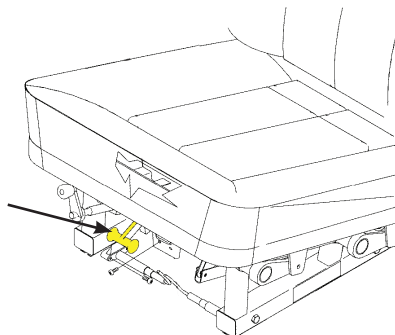
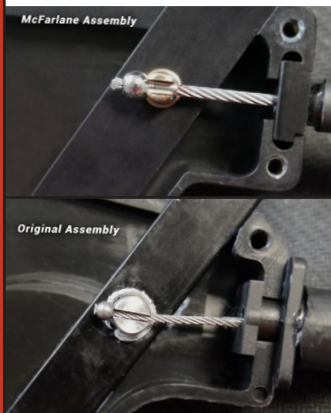
P/N MCSPL1925-1 is used to lock the pilot and co-pilot seat into place on Cessnas produced after 1998

- Lifetime anodized aluminum housing — not cheap plastic
- Cable terminal provides a minimum capacity increase of over 115% from OEM cable
- Nylon-lined wire conduit tubing ensures your cable will not bind
- Larger cable
- Repairable
- Save \$\$\$



**Thicker cable!**  
McFarlane: 0.063"  
OEM: 0.047"

**Repair assemblies available! Save \$\$\$**  
P/N 7354



(2) required  
per aircraft

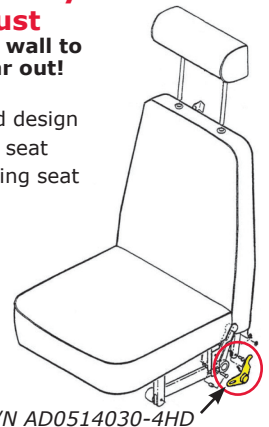
Model
172R,S
182S,T,182T
206H
T206H

### Bellcrank Assembly Seat Back Adjust

**Heavy duty thicker wall to prevent roll pin tear out!**

P/N AD0514030-4HD

- Robust, improved design
- Two required per seat
- For fully articulating seat
- FAA-PMA



P/N AD0514030-4HD

#### Model

172K,L,M,N,P,Q, R172K, 172RG
F172H,K,L,M,N, FR172G,H,J,K
177RG, 177B, F177RG
180H,J,K
182N,P,Q,R, R182, T182, TR182
F182P,Q, FR182
A185E,F
188B, A188B, T188C
U206E,F,G, TU206E,F,G, P206E, TP206E
207, 207A, T207, T207A
210K,L,M,N,R, T210K,L,M,N,R, P210N,R
337E,F, F337E,F,G,H, FT337E, FT337GP, FT337HP
T337F,G, P337H



## Seat Adjustment Springs for Piper Aircraft

Replacement springs just got more affordable!

- Direct replacement — no conversion kit required
- One required per bucket seat
- Avoid downtime and expense of repeated overhauls

Replacements for both styles now available

### Gas Spring Style P/N MC587-404

- Replaces Piper P/N 587-404 or 89178-010 **3**
- Originals were manufactured by Stabilus Bloc-O-Lift or Gas Springs Corp Easy Lift
- M10x1 metric thread (~0.39 inch diameter)
- Adapter P/N MC37902-06 also available (threads onto the end of the Gas Spring Style MC587-404; see figure)



Adapter  
P/N MC37902-06



Spring P/N MC587-404

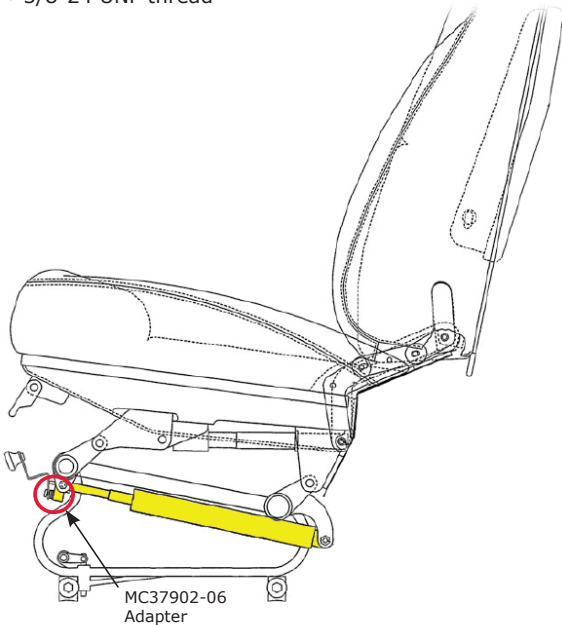


Spring P/N MC555-692

### Coil Spring/Hydraulic Style P/N MC555-692

- McFarlane replaces the old coil spring/hydraulic style with a gas spring
- Replaces Piper P/N 76445-000 or 555-692
- Originals were manufactured by P. L. Porter Hydrolok
- 3/8-24 UNF thread

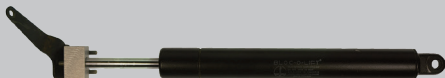
**Save \$\$\$**



#### Maintenance Tip:

Aircraft make, model and serial number are not sufficient to ensure the correct replacement spring as many aircraft may have been originally equipped with either one or retrofitted with a conversion kit.

If the spring you are replacing is marked with a brand name (e.g. P.L. Porter or Stabilus) the correct replacement is readily identified. The coil spring/hydraulic style are also identifiable by a 1 1/4" diameter visible coil spring. The thread may also be measured to verify the correct identification.



Original Gas Spring Style



Original Coil Spring/Hydraulic Style

Model	Serial Number	Qty per A/C	Spring MC555-692 (3/8-24 thread)	Spring MC587-404 (M10x1 thread)	Adapter P/N MC37902-06
PA-28-140 <b>1</b>	28-7425061 and On	2	<b>4</b>	<b>2</b>	<b>2</b>
PA-28-151	All	2	<b>4</b>	<b>2 3</b>	<b>2 3</b>
PA-28-161	2816001 thru 2816119	2	<b>4</b>	<b>2</b>	<b>2</b>
	2841001 thru 2842999	2		<b>2</b>	<b>2</b>
	28-7716001 thru 28-7716073	2	<b>4</b>	<b>2 3</b>	<b>2 3</b>
	28-7716074 thru 28-8616057	2	<b>4</b>		
PA-28-180 <b>1</b>	28-7405035 and On	2	<b>4</b>	<b>2</b>	<b>2</b>
PA-28-181	2843001 thru 2843999	2		<b>2</b>	<b>2</b>
	2890001 thru 2890205	2	<b>4</b>		
	2890206 thru 28-7790358	2	<b>4</b>	<b>2</b>	<b>2</b>
	28-7790359 thru 28-8690062	2	<b>4</b>		
PA-28-201T	All	2		•	•
PA-28-235 <b>1</b>	28-7410027 thru 28-7710089	2	<b>4</b>	<b>2</b>	<b>2</b>
PA-28-236	All	2		•	•
PA-28R-200 <b>1</b>	28R-7435035 thru 28R-7635545	2	<b>4</b>	<b>2</b>	<b>2</b>
PA-28R-201	2837001 thru 2837061	2	<b>4</b>	<b>2</b>	<b>2</b>
	2844001 thru 2844999	2		<b>2</b>	<b>2</b>
	28R-7737002 thru 28R-7837317	2	<b>4</b>	<b>2</b>	<b>2</b>
PA-28R-201T	All	2	<b>4</b>	<b>2</b>	<b>2</b>
PA-28RT-201T	All	2		•	•
PA-32-260 <b>1</b>	32-7400001 thru 32-7800008	2	<b>4</b>	<b>2</b>	<b>2</b>
PA-32-300 <b>1</b>	32-7440001 thru 32-7940290	2	<b>4</b>	<b>2</b>	<b>2</b>
PA-32-301, 301T	All	2		•	•
PA-32R-300	All	2	<b>4</b>	<b>2</b>	<b>2</b>
PA-32R-301, 301T	All	2		•	•
PA-32RT-300, 300T	All	2		•	•
PA-34-200 <b>1</b>	34-7450033 thru 34-7450220	2	<b>4</b>	<b>2</b>	<b>2</b>
PA-34-200T	All	2	<b>4</b>	<b>2</b>	<b>2</b>
PA-34-220T	All	2		•	•
PA-44-180, 180T	All	2		•	•
PA-46-310P	All	4		•	•
PA-46-350P	4622001 thru 4622200	4		•	•
	4636001 thru 4636999	6		•	•
PA-46-500TP	All	4		•	•
PA-46R-350T	All	4		•	•

**1** Partial model eligibility

**2** When equipped with Piper P/N 587-404 or 89178-010. This includes seats converted per Piper Service Letter 813 using Piper kit number 761 103V, 761 104V or 761 105V.

**3** Some Piper parts catalogs do not list part number 587-404 separately, but list an assembly part number of 89178-010 instead. McFarlane P/N MC587-404 replaces the spring component of this assembly and adapter P/N MC37902-06 replaces the block.

**4** When equipped with Piper P/N 76445-000 or 555-692.

### Browline Style Seat Tracks/Cargo Tracks

- Perfect for homebuilt or experimental projects
- Slotted extrusion with 0.785" diameter openings every one inch
- Precision machined and quality controlled
- Aerospace grade 7075-T6511 aluminum with full traceability
- Compatible with common MS33601 cargo tie down and seat stud fittings (see below)

#### Standard Lengths

**P/N 6656-L (L = the minimum length in inches)**

Anodized for corrosion protection.

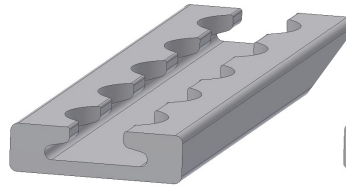
Available in 6, 12, 18, 24, 36, 48, 72, 96, 120, 144, 160, and 179 inch lengths.

#### P/N STE105

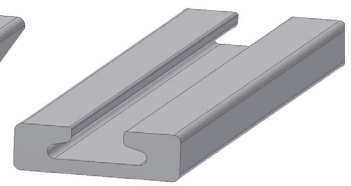
Slotted extrusion without machined 0.785" diameter openings. Non-anodized. Available by the inch.

#### Custom Tracks

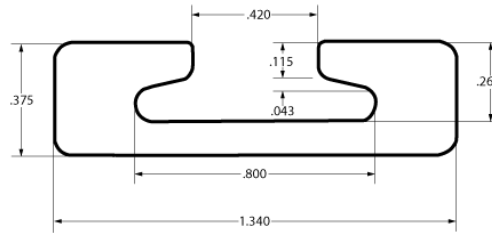
Custom lengths and machining available. Call for details.



P/N 6656 Series



P/N STE105



### Filler Strip for Browline Style Track

**P/N FE200751**

- Provides a finished look
- Keeps debris out of the track
- May be cut to length, sold in 25 ft. roll



### Browline Style Anchor Plate

**P/N 40000-11**

- For use with single stud fittings
- Small and low profile, providing damage protection to cargo and baggage
- An ideal way to support single location fastening of nets, straps, or other equipment
- NSN Number 1560-01-286-1030
- Aluminum alloy, anodized



#### Working load limit:

4000 lbs @ 0° vertical pull

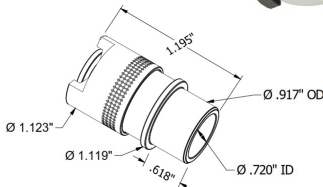
2000 lbs @ 90° horizontal pull

Manufactured by Ancra International

### Chair Leg Stud Quick Release Anchor

**P/N MC41528-14**

- Use with Browline style track
- Spring loaded fitting snaps securely into place and can be easily moved to different positions
- Designed to mate with 1" O.D. 0.035" wall tube or a 0.720" O.D. stud
- 7075 Aluminum



### Threaded Single Stud Fitting with Nut for Browline Style Track

**P/N FE200744**

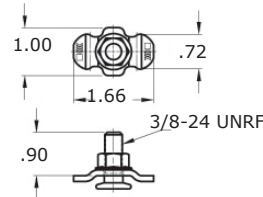
Material: Carbon Steel

Finish: Zinc Plated

Working Load Limit:

5000 lbs @ 0° vertical pull

2000 lbs @ 90° horizontal pull

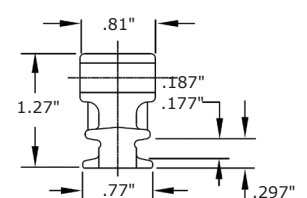
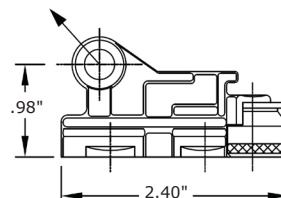


Manufactured by Kinedyne Corporation

### Rear Leg Seat Fitting

**P/N 42854-11**

- Compatible with Browline style track
- 8000 lb load capacity at 48° angle from horizontal
- Cad plated with teflon coating
- Weight .24 lb



## Cargo Tie Down Fittings for Browline Style Track

- Use with Browline style track (McFarlane P/N series 6656) or other MS33601 compatible track - sometimes called L-track
- Perfect for net or strap restraint applications
- Spring loaded fitting snaps securely into place and can be easily moved to different positions



P/N 32401



P/N 40340-20



P/N 40340-21



P/N 47981-10



P/N 47981-11



P/N 32505



P/N 32507

P/N	Description	Fig	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	0° Vertical Working Load Limit lbs.	90° Horizontal Pull Angle Working Load Limit lbs.
32401	Single Stud Fitting w/ Ring	1	1.990	0.930	1.180	0.190	0.630	1.230	1333	1000
40340-20 1	Single Stud Fitting w/ Ring	1	1.870	0.870	1.120	0.190	0.710	1.430	1000	500
40340-21 1	Single Stud Fitting w/ D-Ring	2	2.000	1.090		0.190	0.710	1.430	1000	500
47981-10	Double Stud Fitting w/ Round Ring	3	1.750	2.320	2.340	0.310	0.760		10000	5000
47981-11	Double Stud Fitting w/ Twisted Ring	4	1.560	2.320	3.760	0.270	0.760		5000	5000
32505 3	Triple Stud Fitting w/o Ring	5	1.120	0.900	2.600				2167	1670
32507 3	Triple Stud Fitting w/ Pear Shaped Ring	6	1.120	0.900	1.160	0.250	4.900		2000	1670

1 NSN Number 1670-01-243-8877

2 NSN Number 1670-01-261-0567

3 60° Pull angle working load limit = 2000 lbs.

Manufactured by Ancra International

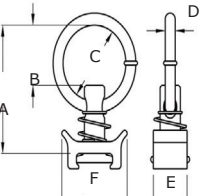


Figure 1

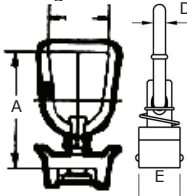


Figure 2

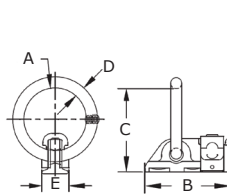


Figure 3

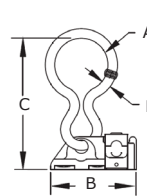


Figure 4

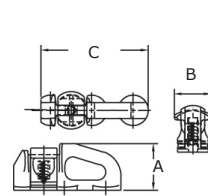


Figure 5

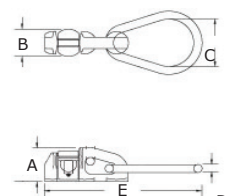


Figure 6

## 12-Jaw Seat/Cargo Tie Down Quick Disconnect Adapters and Studs

- Spring loaded ring locks jaws around stud, and spring loaded lock pin prevents accidental release
- Use with seat cargo studs shown below. Also works with any MS21234, MS21235 and AM7516 style seat/cargo attach fittings



P/N 33115



P/N 33116



P/N 32334



P/N 32367



P/N 32336



P/N 32340



P/N 32343



P/N 32326



P/N 4015C08B



P/N 4015C08A

P/N	Description	Fig	A (in.)	B (in.)	C (in.)	D (in.)	0° Vertical Breaking Strength lbs.	90° Pull Angle Breaking Strength lbs.
33115	12-Jaw, Threaded Stud, 1" x 3/8-24UNF Threaded Stud	1	2.260	1.000			5475	2300
33116	12-Jaw, Threaded Stud, 3/4" x 3/8-24UNF Threaded Stud	1	2.010	0.750			5475	2300
32326	12-Jaw, Ring	2	2.850	1.130	0.250	1.310	5475	2300
32334 1	12-Jaw, Chair Leg Stud, 0.85"	3	2.160	0.900	0.850		N/A	2300
32336 2	12-Jaw, Chair Leg Stud, 0.88" with 1/4" Hole	4	2.160	0.900	0.880	0.250	5475	2300
32340 3	12-Jaw, Chair Leg Stud, 0.85" with 1/4" Hole	4	2.160	0.900	0.850	0.250	5475	2300
32343	12-Jaw, D-Ring	5	2.820	1.100	2.010	0.250	5475	2300
32367 4	12-Jaw, Chair Leg Stud, 0.75" with 1/4" Hole	4	2.320	1.060	0.750	0.250	5475	2300
4015C08A	Stud, Quick Disconnect, SS, 1/4-20, Hex Drive	6	0.628	0.600	0.625			
4015C08B	Stud, Quick Disconnect, SS, 1/4-20, Slot Drive	7	0.628	0.600				
4015C12A	Stud, Quick Disconnect, SS, 3/8-24, Hex Drive	6	0.628	0.600	0.625			
4015C12B	Stud, Quick Disconnect, SS, 3/8-24, Slot Drive	7	0.628	0.600				

1 Replaces MS22034-1B

2 Replaces MS22034-2

3 Replaces MS22034-1

4 Replaces MS22034-3

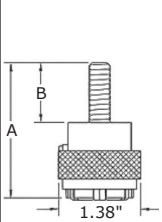


Figure 1

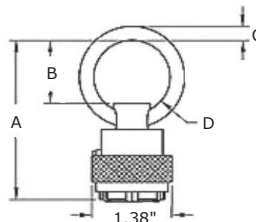


Figure 2

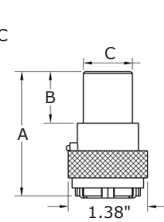


Figure 3

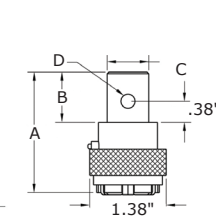


Figure 4

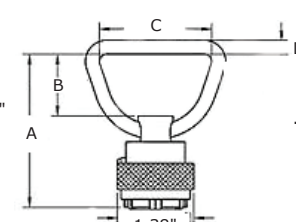


Figure 5

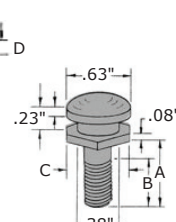


Figure 6

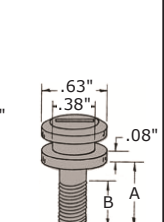


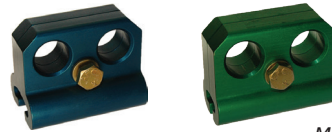
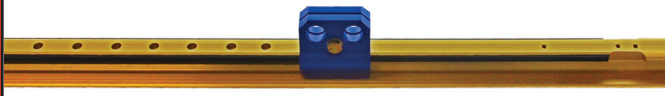
Figure 7



## Cargo Tie Downs

- Clamps to seat rails to provide tie down points to secure cargo
- 4 required per every 100 lbs of cargo
- Anodized aluminum for durability
- FAA-PMA/STC

Note: This product is not to be used as a seat stop



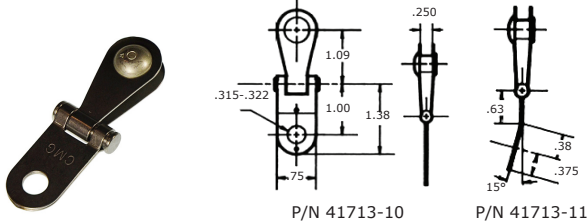
Manufactured by F Atlee Dodge

Aircraft Make	Model	Color	P/N
Cessna	208, 208A, and 208B	Green	TDC-208
Piper	PA31, PA31-300,-325,-350, PA31P, PA31P-350, PA31-T, PA31-T1,T2,T3	Blue	TDP-31

## Seat Belt Shackles

P/N 41713-10 and 41713-11

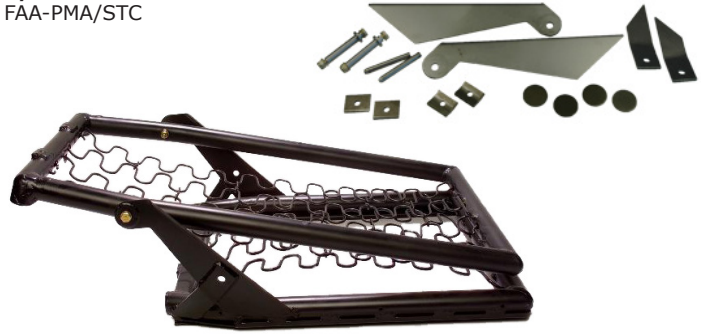
- High strength, low profile design
- Made especially for today's lightweight seats
- Stainless steel, cad plated
- Meets the load requirements of NAS 809 Paragraph 4.1.3



## Folding Front Seat Kit for PA-18, PA-19 Series

Makes entry and loading much easier

P/N 3186  
FAA-PMA/STC



Manufactured by F Atlee Dodge

## Seat Feet for Beechcraft Queen Air, King Air and Airline

Part Number	Aircraft Model
CA100-530448-5	C90,C90A,C90(SE),E90,F90,A100,B100,200, 200T, 200C,200CT,B200,B200C,B200CT
CA100-530448-7	C90,C90A,E90,F90,A100,B100,200,200T, 200C, 200CT,B200,B200C,B200CT
CA50-534436-5	65,80,A80,88,90,A90,99,99A,A99A,B90, B99,C99, 100,A100,B100



Save up to 70%

Manufactured by PMA Products

## Heavy Duty Seat Back Frame

Less tendency to wear out!

P/N 3226

206 Series aircraft  
Replaces P/Ns 1214012-1  
and 1214012-4



Manufactured by F Atlee Dodge

## Safari Seat for PA-18 and PA-19

P/N 6151

Easily installed and removed

Clamps in and designed for easy removal with quick release pins.

Weight saver

Lightweight folding rear seat saves 10 pounds over existing seat.  
STC-PMA



Manufactured by F Atlee Dodge

## Folding Rear Seats

Convert from people to cargo quickly!

Left P/N 3187L, right P/N 3187R

FAA-PMA/STC replaces the existing bench seat and increases the flexibility and utility of your airplane. Seats can be independently folded forward, stowed to the side, or removed in minutes to allow cargo and passenger configurations.

- Easy access to baggage
- Easier access to the tail cone for maintenance
- Increased payload! About 20 lbs lighter than the original bench seat

Frees wasted space

The original bulky seats take 2x the floor space compared to the compact and comfortable folding seats.

- 50% more baggage space
- More leg room

Convenient installation kit

Seats are sold in pairs (left and right) with all required installation hardware, including mounting tracks that attach to the floor and side door frame. (Seat belts, upholstery, cushioning, and stowage straps/bungees not included).

Upholster to match your interior

This is not a "jump seat" or "utility seat". You don't have to sacrifice comfort and style. Seats provide room for a cushion and upholstery up to 2 inches thick. Match your interior for an attractive and comfortable finish.

20 Pounds Lighter!



Manufactured by F Atlee Dodge

Aircraft Model	P/N
170, 170A,B	3187
172, 172A,B,C,D,E,F, G,H,I,K,L,M,N,P,Q,R,S	3187
175, 175A,B,C	3187
180, 180A,B,C,D,E, F,G,H,J,K	3187
182, 182A,B,C,D	3187
182E,F,G,H,J,K,L, M,N,P,Q,R,S,T	3187-182E
185, 185A,B,C,D,E, A185E,A185F	3187-182E