

TAILWHEEL INSTALLATION INSTRUCTIONSAIRCRAFT MODELSTAILWHEEL MODELS

	TW-101	TW-100	TW-102
AERONCA - ALL MODELS-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
CALL SL & A SERIES-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
CESSNA 120-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
CESSNA 140-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
CESSNA 140A-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
CESSNA 170 SERIES-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
CHAMPION 7AC-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
CHAMPION 7EC-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
CHAMPION 7ECA-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
CHAMPION 7CAA-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
CHAMPION 7CBA-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
CHAMPION 7CGB-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
CHAMPION 7KCAB-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
DART G SERIES-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
LUSCOMBE 8 SERIES-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
LUSCOMBE 11A-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
MAULE ALL MODELS-----		SFS-P8A-1-2	& SFS-P8B-1-2
MONOCOUE SERIES-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
PIPER J-3 SERIES-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
PIPER J-4 SERIES-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
PIPER J-5 SERIES-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
PIPER PA-11-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
PIPER PA-12-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
PIPER PA-14-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
PIPER PA-15-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
PIPER PA-16-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
PIPER PA-17-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
PIPER PA-18-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
PIPER PA-19-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
PIPER PA-20-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
PIPER PA-25-----	SFSA-1-4	& SFS-P8A-1-4	& SFS-P8B-1-4
REARWIN ALL MODELS-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2
STINSON 10 SERIES-----	SFSA-3-4	& SFS-P8A-3-4	& SFS-P8B-3-4
STINSON HW-75-----	SFSA-3-4	& SFS-P8A-3-4	& SFS-P8B-3-4
STINSON 108 SERIES-----	SFSA-3-4	& SFS-P8A-3-4	& SFS-P8B-3-4
TAYLORCRAFT B&D SERIES-----	SFSA-1-2	& SFS-P8A-1-2	& SFS-P8B-1-2

P/N TW-100 - MODEL SFS-P8A

P/N TW-101 - MODEL SFSA

P/N TW-102 - MODEL SFS-P8B

TAILWHEEL ASSEMBLY - P/N TW-100, TW-101, & TW-102

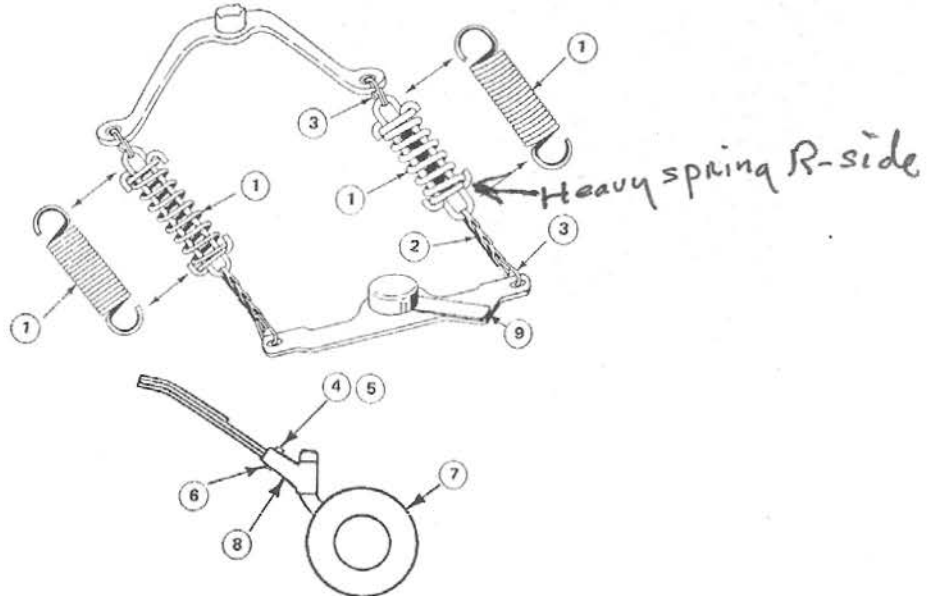
TYPICAL INSTALLATION

STEP 1. Remove the old tailwheel and install new wheel (7) by mating (8) with the aircraft leaf spring and secure with bolt (6), nut (4) and cotter pin (5).

STEP 2. Attach connector springs (1) to rudder horn on aircraft using connector clip (3). Attach connector chains (2) to connector springs (1) and secure to tailwheel steering arm (9) with connector clip (3).

STEP 3. Stretch the connector springs (1) 1/4 to 3/8 inch and adjust the connector chains (2). The tailwheel and rudder must be maintained in the neutral position when adjusting the spring tension. Cut off excess connector chains (2).

STEP 4. Check tire pressure on P-8 Models - Approximately 20 PSI depending on weight (tire should be slightly flat on bottom).



BILL OF MATERIAL FOR TYPICAL INSTALLATION

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>MAULE P/N</u>	<u>REQ'D</u>
1	Connector Spring Left	TW-55 Standard TW-62-1 Optional	1
	Connector Spring Right	TW-56 Standard TW-62-2 Optional	1
2	Connector Chain	TW-48	2
3	Connector Clip	TW-49	4
4	Nut	AN-310-7	1
5	Cotter Pin	AN-380-3-3	1
6	Bolt	AN-7 - As required	1
7	Tailwheel Assembly	See Page 1	1
8	Bracket	Part of Assembly	
9	Steering Arm	Part of Assembly	

TAILWHEEL ASSEMBLY - P/N TW-100, TW-101, & TW-102

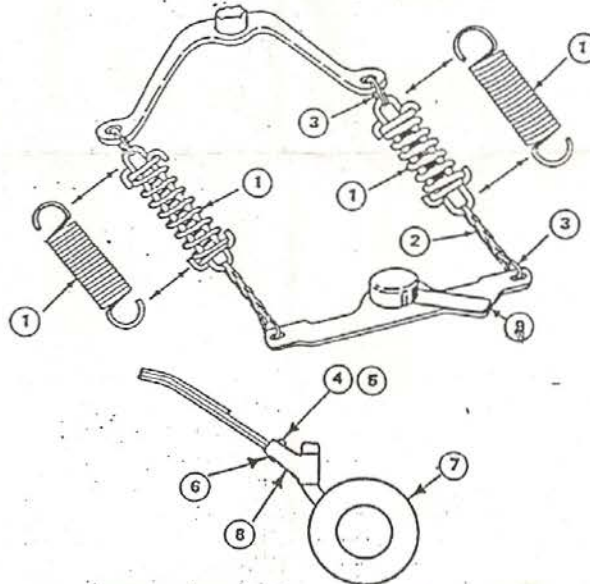
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Inspected & Approved

INSPECTED BY



DATE

OCT 04 2001

MODEL

SFSP8A1-2

PART NO

TW 100