ITEM #	Part Number	Description	QTY.
1	MSC.11x1.5COTTERPI	PIN, COTTER ZINC	2
2	MSC.62-18HEXNUT/SL	NUT, HEX SLOTTED	2
3	MSCU625-0210 MSC.625SAE	WASHER, CURVED WASHER, 5/8 AXLE, VERTICAL	2
4	MSC.625SAE	WASHER, 5/8	2
5	See Config Note	TAILWHEEL	1
6	See Config Note	BUSHING, HAT	3
	See Config Note	BASE, TAIL WHEEL	1
8	MSCMC7-4	FITTING, GREASE WASHER, BRONZE	1
9	See Config Note	WASHER, BRONZE	1
10	WHLBSP4	SPACER, 4"/UL BRAKE	2
11	MSCAN3-6 MSCAN960-10	BOLT, HEX DRILLED	2
12	MSCAN960-10	WASHER, THICK	4
13	MSCB0375-020	WASHER, BELLEVILLE	4
14 15	WHLT-02	ARM, TAIL WHEEL	1
15	WHLTW-21	BUSHING	1
1	MSC.25-20x.50SHCS	BOLT, SHCS .25- 20X.50	1
17	MSC.750x.190x.062W	WASHER, BRONZE	2
18	WHLT-03	Wing, Tail Wheel	2
19	MSC.0625X.50COTTER MSCAN310-3	PIN, COTTER ZINC	2
20	MSCAN310-3	NUT, CASTLE FORK, 6" TAIL	2
21	WHLTW-6F	WHEEL	1
22	MSC.50-13x3.50SHCS	SCREW, SOCKET HEAD	1
23	WHLP406SL	SLEEVE, P406	2
24	WHLP406-WD	TAIL WHEEL 6" COMPOSITE	1
25	MSC.50-13NYLOCK	NUT, NYLOCK	1

The bearings in the tailwheel that allows rotation of the vertical axle (WHLTW-19) are oil impreanated sinter bronze. The lubrication will generally last throughout the wear life of the bushings. A grease zerk is provided on the tailwheel base. It is intended only for displacing water from the internal space between the upper and lower base bushings. Grease should not be applied in excess to exit the upper or lower bushings in the tailwheel base! DO NOT allow grease in the steering mechanism or the fork bearing surfaces.

Note: Alternate Wing Available to Provide Earlier Steering Release.

Release with Standard WHLT-03 = +- 45 Dea

Release with Optional WHLT-03A = +-25 Deg (May be Hand

Ground to Release from 25 to 50 Deg)

TO SET PRELOAD IN VERTICAL AXLÉ #6: Be certain #3 Springs Are Installed. Seat Lower Nut #5 Fully & Insert Cotter Pin #7. Tighten Upper Nut #5 Slowly Until All Freeplay of Springs #3 are removed and Fork #11 No Longer Rotates Freely. Loosen Upper Nut #5 2-3 Locking Features and Install Cotter Pin #7. Fork Should Rotate Freely Around Complete Rotation.

2361 S 1560 WEST

Woods Cross, UT 84087

DRAWN BY VARIES George R. Happ

TAIL WHEEL, 6" SOLID

SHEET 0F SHEET SIZE

TOLERANCES (EXCEPT AS NOTED) DO NOT SCALE DRAWING LINEAR .XX = +

.XXX = +.01 ANGUI AR CONCENTRIC

PART NUMBER NOMENC LATURE SCALE WHIT-6 1:4 MATERIAL DRAWING NO. REVISION Est Wt. (Ib) **VARIOUS** TAIL/3D-T6DATE CHECKED BY

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6/15/2015

Balance Weight #34 Installs on #27 Opposite Valve Stem

See Part WHLT-05 Steering Kit for Rudder Springs and Steerina Arm Connection

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#22 MSCMC7-4 grease fitting, #6 .625-18x4.35 Vertical Axle, 3 #2 TW-19, and #9 TW-4 washer. Units made before 8/07 use #1 TWB (no grease fitting provision), #6.625-18x4BOLT(A), 2 #2 TW-19, and #9 TW-2 washer

CONFIGURATION NOTE: Units made after 8/07 use the #1 TWBL which uses

6.6