

EX-100-100-100
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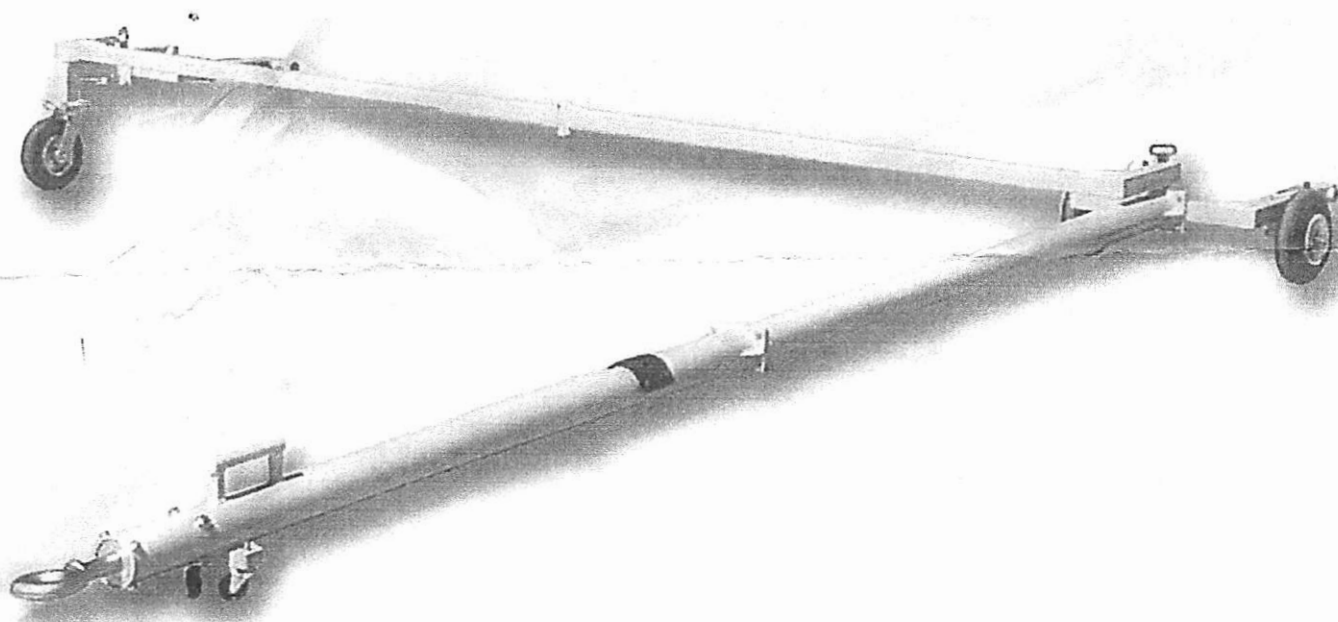
REYCKELL WICKVILL COMPANY INC

HL-12

RE-UNION-100-100-100
OBERVICH & WICKVILL

OPERATION & MAINTENANCE INSTRUCTION MANUAL

HT-47S



BRACKETT AIRCRAFT COMPANY, INC.

7045 FLIGHTLINE DR.,
KINGMAN, AZ 86401 U.S.A

PH: (928) 757-4005
FAX: (928) 757-1948



PRE-INSTALL CHECKLIST

Frame

- Look for damaged tubes
- Check bolts and nuts for wear or looseness
- Check welds for cracks
- Make sure pins are locked and secure before towing

MAINTENANCE

Tires

- Replace tires when 35% worn

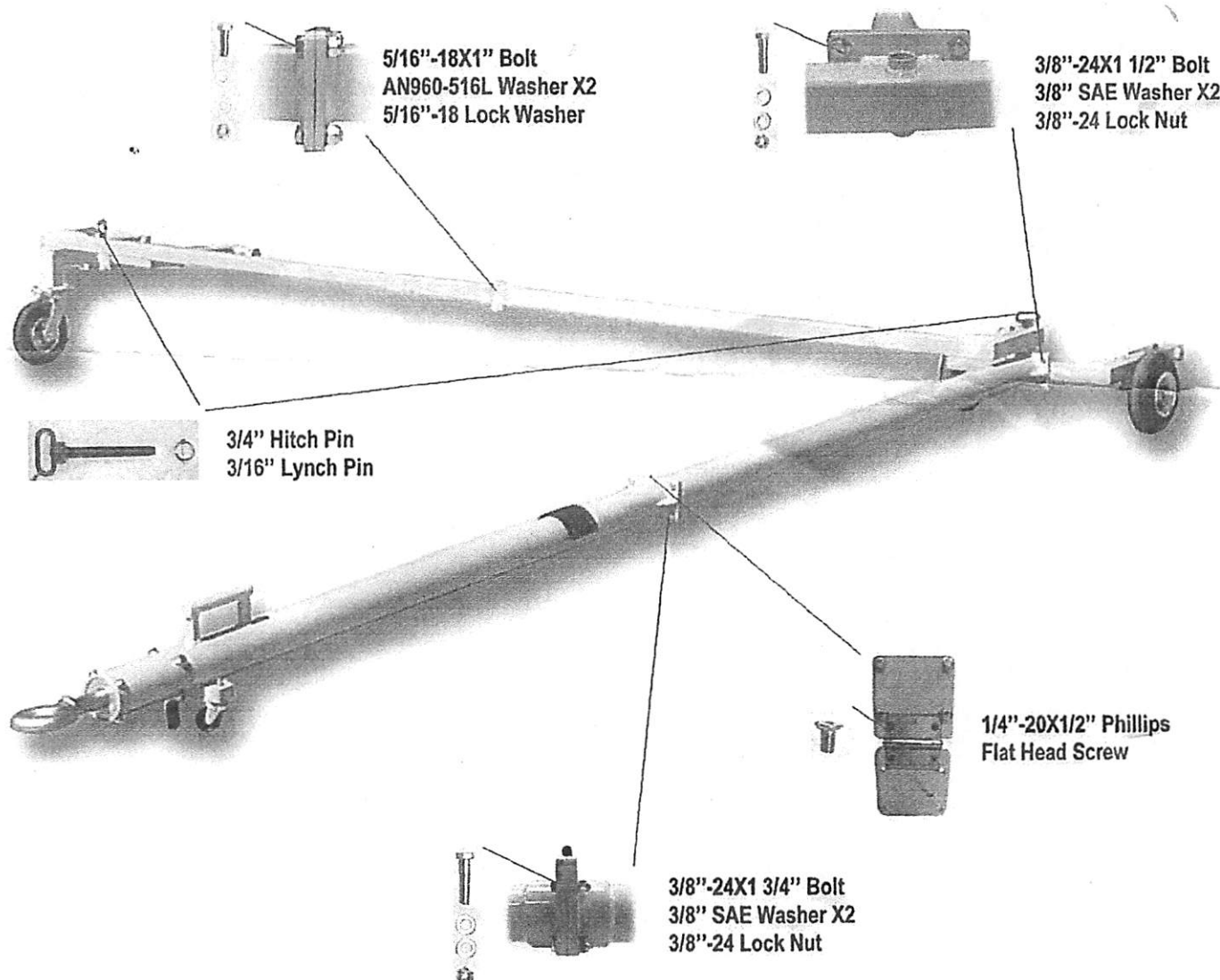
Frame

- Oil caster bearings with SAE 30 Wt one to two times per year
- Replace caster when 35% worn
- Check all welds for cracks or deformities
- Secure all bolts
- Paint areas of loose or missing paint to prevent rusting
- Oil sliding pins one to two times a year

**FAILURE TO FOLLOW ANY OF THE ABOVE PROCEDURES MAY CAUSE
FAILURE OF THE UNIT AND CREATE HAZARDOUS TOWING
CONDITIONS RESULTING IN DAMAGE TO THE AIRCRAFT AND CAN
INJURE PERSONNEL AROUND THE AIRCRAFT**



ASSEMBLY

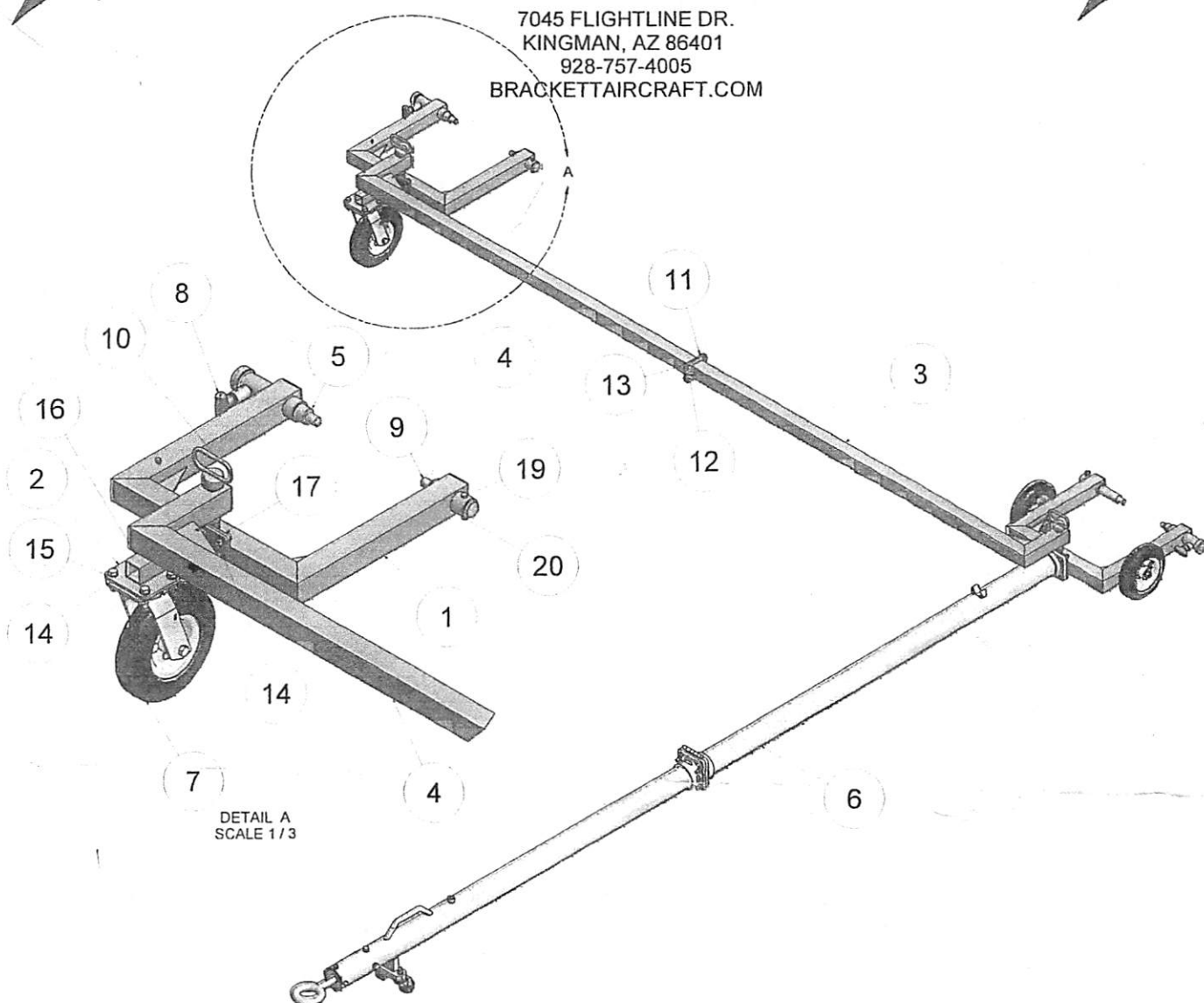


BAC

BRACKETT AIRCRAFT CO., INC.

BAC

7045 FLIGHTLINE DR.
KINGMAN, AZ 86401
928-757-4005
BRACKETTAIRCRAFT.COM

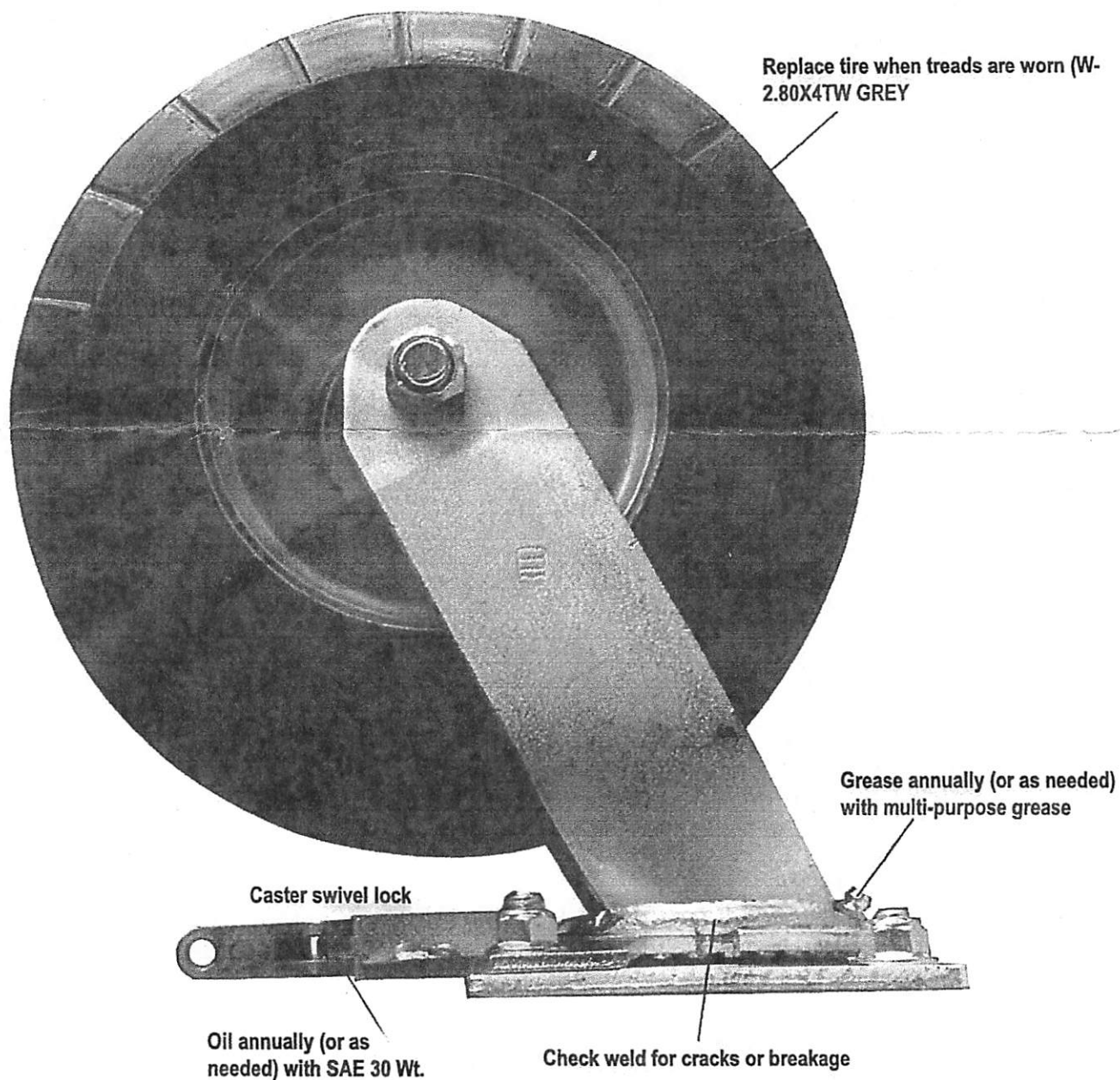


DETAIL A
SCALE 1/3

ITEM	QTY	PART NUMBER	HT-47S	DESCRIPTION
1	1	HT47-01-00A		YOKE ASSEMBLY
2	1	HT47-03-00		ARM ASSEMBLY
3	1	HT47-04-00		LEG ASSEMBLY
4	1	HT47-05-00		LEG ASSEMBLY
5	1	HT47-02-00		PIN ASSEMBLY
6	1	HT-647		TOW BAR ASSEMBLY
7	1	1080-5202		NON-LOCKING PNEUMATIC CASTER WHEEL
8	1	90222A112		LOCKING PIN ASSEMBLY
9	1	HT47-02-15		PIN
10	2	HITCH PIN 3/4		HITCH PIN
11	4	647-B-.313-24-1.00		Hex Bolt - UNC (Regular Thread - Inch)
12	8	647-2-.313-SAE		Washer A
13	4	647-LN-313-24		Hex Nut
14	8	647-W-.375-24		Hex Nut
15	16	647-W-.375-SAE		Washer A
16	4	647-B-.375-24-1.50		Hex Bolt - UNC (Regular Thread - Inch)
17	4	647-B-.375-24-1.50		Hex Bolt - UNC (Regular Thread - Inch)
18	2	90170A650		HINGE
19	1	647-B-.250-20-2.00		Hex Bolt - UNC (Regular Thread - Inch)
20	4	647-LN-.250-20		Hex Nut

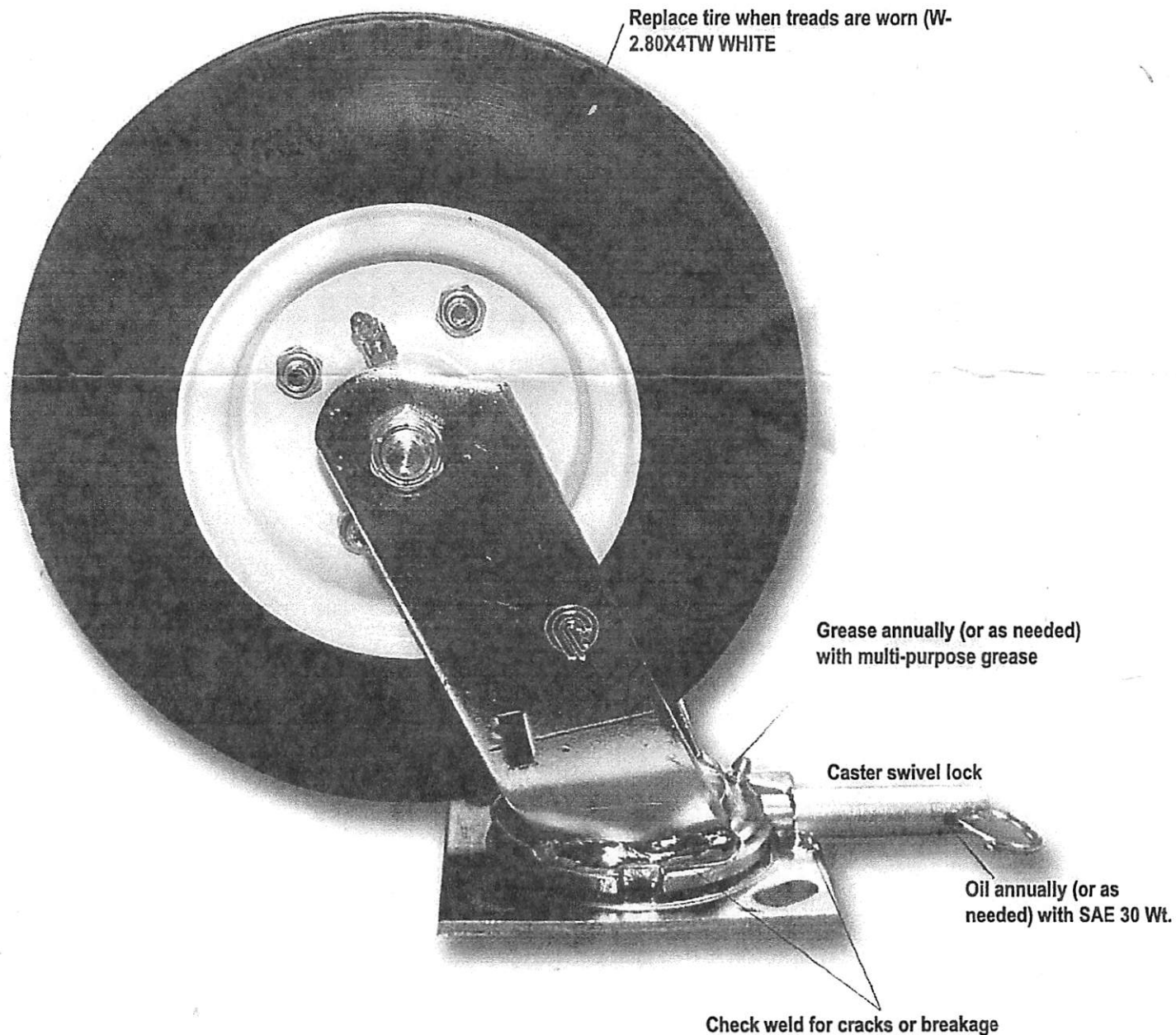
1080-525Z

CASTER ASSEMBLY

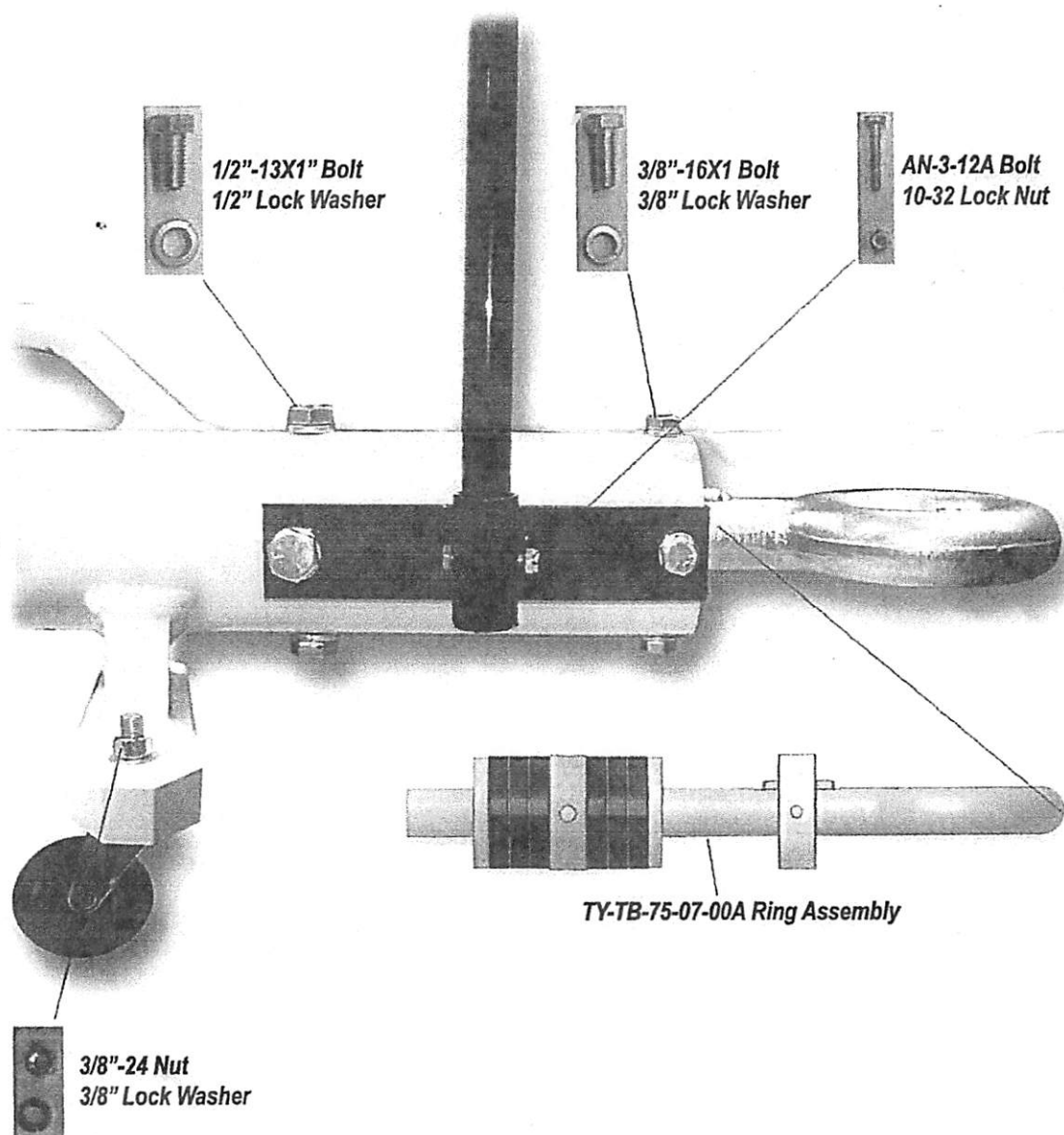


1080-520Z

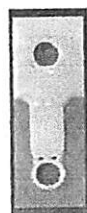
CASTER ASSEMBLY



HEAD ASSEMBLY



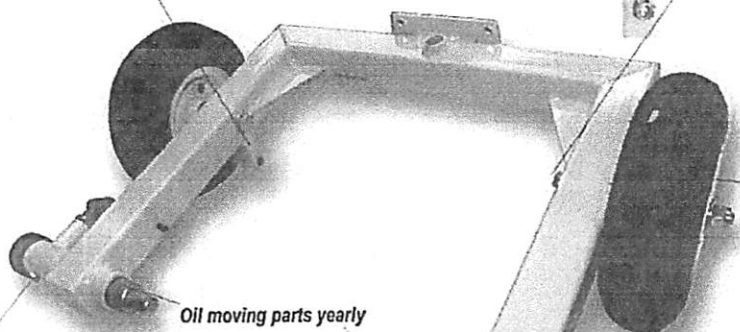
END ASSEMBLY



When mounting wheels top hole is for the AH-6, UH-60, and CH-47 helicopters. The bottom hole is used for HT-47 Kit helicopters.



1/2\"-13X6 Bolt
1/2\" SAE Washer X3
1/2\"-13 Lock Nut



1/4\"-20X3/8\" Bolt



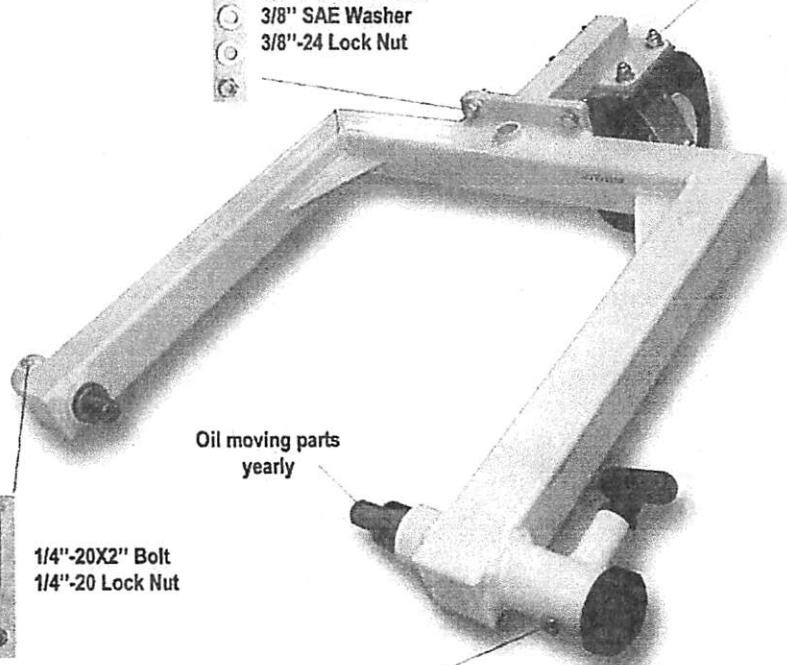
10-32X3/8\" Button Head Screw



3/8\"-24X1 1/4\" Bolt
3/8\" SAE Washer
3/8\"-24 Lock Nut



3/8\"-24X1 1/4\" Bolt
3/8\" SAE Washer
3/8\"-24 Lock Nut



1/4\"-20X2\" Bolt
1/4\"-20 Lock Nut



1/4\"-20X3/8\" Bolt