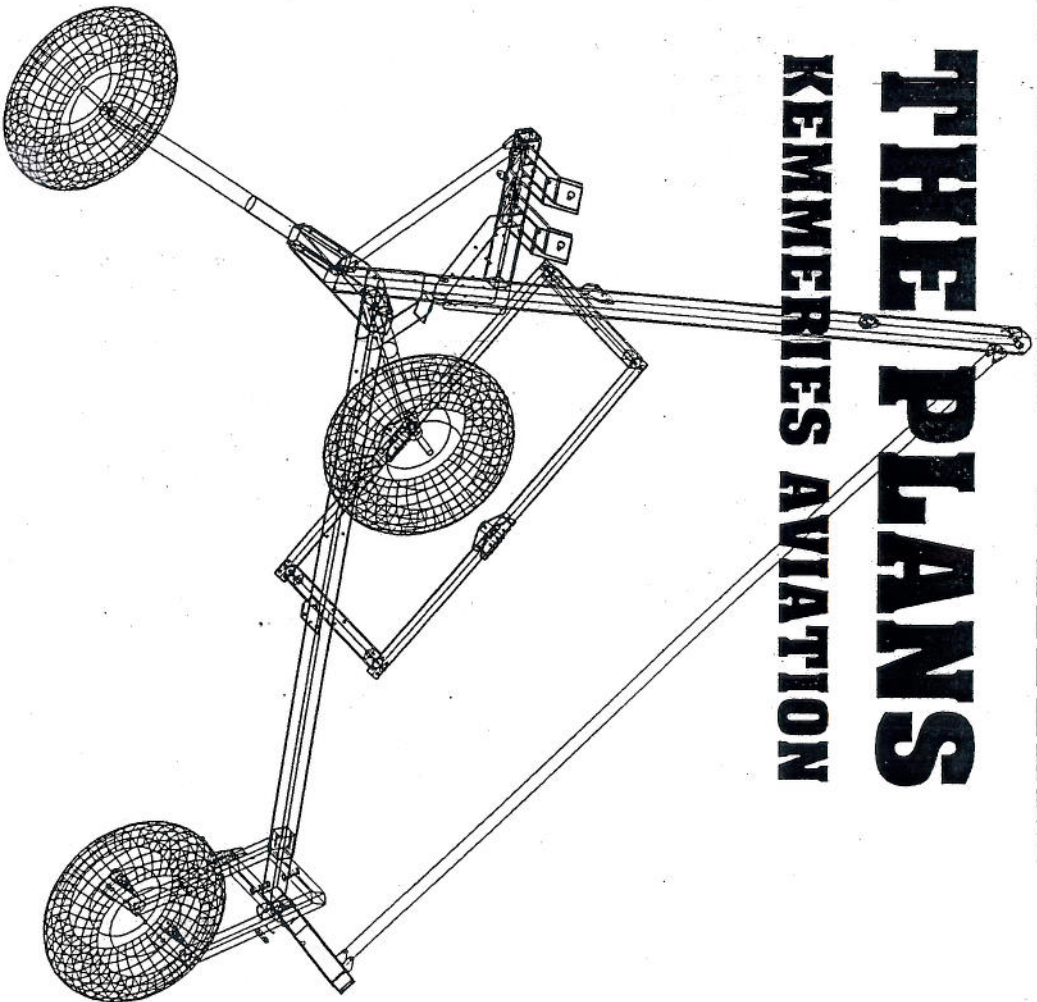


TUKAN TRIKE

THE PLANS

KEMMERIES AVIATION



COPYRIGHT KEMMERIES AVIATION 1994
REGISTRATION NUMBER #

KEMMERIES AVIATION
PEORIA, ILLINOIS

TUKAN

KEMMERIES AVIATION PLEASANT VALLEY AIRPORT
THE ULTRALIGHT FLIGHT CENTER
8710 WEST CAREFREE HWY, PEORIA, ARIZONA. 85382
U.S.A.

TUKAN

CONTENTS

HARDWARE

BOLTS

WASHERS

NUTS

CABLE

MOTOR

SEAT

QUICK RELEASE PIN

PLASTIC

WHEEL

MISCELLANEOUS

MATERIALS

STEEL

ALUMINUM

FIBERGLASS

ASSEMBLIES

ASSEMBLY VIEWS

KA 1000 MAST

KA 2000 SEAT

KA 3000 MOTOR MOUNT

KA 4000 FORK

KA 5000 LANDING GEAR

TUKAN

HARDWARE

BOLTS

REF#	QTY	KA#	PER	DESCRIPTION
AN3-7A	2	KA	2	CABLE THIMBLE TO PEDAL BOLT
AN3-15A	4	KA2022	4	PIVOT BLOCK INSERT TO CROSS RAIL BOLT
AN3-20A	2	KA5018	2	STRUT TIP BOLT
AN4-7A	1	KA	1	BRAKE ARM BOLT
AN4-13A	6	KA400-1	6	FORK ASSEMBLY BOLT
AN4-15A	2	KA3012	2	U-BRACKET TO MOTOR STRUT TUBE BOLT
AN4-17A	4	KA2016	4	UPPER SEAT HINGE BOLT
AN4-21A	6	KA2017	6	LOWER SEAT HINGE BOLT
AN4-23A	2	KA1016	2	NOSE KEEPER BOLT
AN4-24A	4	KA1014	2	U-BRACKET TO NOSE TIP MOUNT BOLT
		KA3013	2	U-BRACKET TO MOTOR MOUNT TUBE BOLT
AN4-25	1	KA1022	1	TANK BRACKET TO BOOM BOLT
AN4-25A	22	KA1021	1	U-BRACKET TO MAST BOLT
		KA1021	2	STRADDLE PLATE TO MAST BOLT
		KA1021	1	TANK BRACKET TO MAST BOLT
		KA3007	10	MOTOR SIDE PLATE BOLT
		KA3015	6	LOWER PLATE TO TUBE BOLT
AN4-26A	2	KA3003	2	LOWER MOUNT PLATE TO TUBE, THROUGH
				MUFFLER TANG BOLT
AN4-30A	1	KA1024	1	PULLEY TO MAST BOLT
AN4-32A	1	KA1025	1	SEAT BELT TO BOOM BOLT
AN5-27A	7	KA1008	3	SIDE PLATE TO MAST BOLT
		KA5012	2	FRONT PLATE TO MAST BOLT
		KA5012	2	FRONT PLATE TO STRUT BOLT
AN5-27	2	KA5013	2	FRONT PLATE TO STRUT SET UP BOLT
AN5-30	1	KA1023	1	U-BRACKET TO MAST, SAFETY CABLE TANG SET-UP BOLT
2 1/8" GRIP				
AN5-37A	4	KA2011	4	STRADDLE PLATE TO CROSS RAIL BOLT
AN6-21	4	KA3016	4	MOTOR MOUNT BUSHING BOLT
AN6-23A	4	KA2019	4	PIVOT BLOCK INSERT TO SIDE RAIL BOLT
AN6-44	1	KA7000	1	WING MOUNT TOP BOLT
AN6-44	1	KA7000	1	WING MOUNT PITCH BOLT
AN6-44A	2	KA7000	2	WING MOUNT CENTER BOLT
AN6-64	1	KA400-4	1	FORK TO NOSE BOLT

WASHERS

REF#	QTY	KA#	DESCRIPTION
AN960-10 TL	20		3/16" THIN
AN960-10 REG	20		3/16" THICK
AN960-416 TL	100		1/4" THIN
AN960-416 REG	100		1/4" THICK
AN960-516 TL	25		5/16" THIN
AN960-516 REG	25		5/16" THICK
AN960-616 TL	25		3/8" THIN
AN960-616 REG	25		3/8" THICK
AN960-816 REG	10		1/2" THICK
AN960-1016 REG	10		5/8" THICK
AN970-3	10	KA4000	3/16" LARGE AREA
AN970-4	10	KA1000	1/4" LARGE AREA
AN970-5	10	KA2000	5/16" LARGE AREA
AN970-6	20	KA3000	3/8" LARGE AREA
SAE 3/4"	4	KA3000	3/4" ZINC PLATE STANDARD

NUTS

REF#	QTY	KA#	PER	DESCRIPTION
AN365-1032	8	KA2024	4	3/16" NYLOC
			2	REG
AN365-428	44	KA1013	11	1/4" NYLOC REG
		KA2020	4	
		KA3009	21	
		KA4000	7	
		KA5000	1	
AN354-428	6	KA2028	6	1/4" NYLOC THIN
AN364-524	1	KA10	1	5/16" NYLOC THIN
AN365-524	11	KA1010	3	5/16" NYLOC
		KA2014	4	REG
AN365-642	7	KA2021	4	3/8" NYLOC
		KA1000-1	2	REG
		KA400-5	1	
AN364-820	2	KA4000-1	2	1/2" NYLOC THIN
AN364-524	2	KA1015	2	5/8" NYLOC THIN
AN310-6	5	KA3019	4	3/8" CASTLE
AN350-4	1	KA1019	1	1/4" WING
AN350-5	3	KA1026	1	5/16" WING
		KA5016	2	
AN350-6	1	KA1000-1	1	3/8" WING

SEAT PARTS

REF#	QTY	KA#	DESCRIPTION
BW07-7640	40'	KA2009	2" BLACK SEAT BELT WEBBING
16G	100'	KA2009	#16 BLACK POLYESTER THREAD
	1	KA20010	2" ROLLER ADJUSTER
03300	10	KA2009	2" SLIDE ADJUSTER
	1		SEAT BELT
CXP32A	1	KA2008	5"x15 1/2"x3" HIGH DENSITY FOAM RUBBER
	6YR	KA2008	420 DENIER, URETHANE COATED CORDURA
	6'	KA2008	2" VELCRO HOOK
		KA2009	
	6'	KA2008	2" VELCRO LOOP
		KA2009	
YKK	1	KA2009	#10 COIL CHAIN ZIPPER PULL SLIDE
	2'	KA2009	#10 COIL CHAIN ZIPPER
	1	KA20010	BUTT BOARD

QUICK RELEASE PIN

REF#	QTY	KA#	DESCRIPTION
LGACB1187	2	KA1017	1/4"x 1 3/8" GRIP PIP PIN FOR FRONT STRUT
LGACB1750	2	KA2027	1/4"x 2" GRIP PIP PIN FOR SEAT

PLASTIC PARTS

REF#	QTY	KA#	DESCRIPTION
	2	KA1000	2" BLACK END CAP FOR .125 WALL SQ. TUBE
		KA3000	
	4	KA2000	1" BLACK END CAP FOR .065 WALL SQ. TUBE
	2	KA4000	BLACK PEG GRIP
	2		RUBBER STRUT COVER

STAINLESS STEEL

REF#	QTY	KA#	DESCRIPTION
5		KA0002	1/4"- 5/16" FLAT ANGLE TANG
4		KA0001	1 1/8" ID. U-BRACKET

WHEEL PARTS

REF#	QTY	KA#	DESCRIPTION
A7512	3		8" AZUSA SPINNER WHEEL COMPLETE ASSEMBLY
1178	3		8" AZUSA SPINNER WHEEL
8206	6		5/8" PRECISION BEARING
7012	3		400x8 RIB TIRE
7121	3		400x8 BENT STEM INNER TUBE
1700-19	2		11" SHOCK ABSORBER
HU5004	1	KA	DRUM BRAKE
	1	KA	FRONT AXLE
	1	KA	FRONT AXLE SLEEVE
	1	KA6001	LEFT AXLE SPACER
	1	KA6002	BRAKE HUB SPACER
	1	KA6003	RIGHT AXLE SPACER

MISCELLANEOUS

REF#	QTY	KA#	DESCRIPTION
AN380-6	5	KA3000	COTTER PIN
AN416-1	5	KA1018	COWLING PIN
		KA5017	
	2	KA2026	1/8"x3/16" GRIP STAINLESS STEEL POP RIVET
	4	KA4006-1	1/4" ID. BUSHING
	2	KA1005-4	NOSE BUSHING

TUKAN

MATERIALS

STEEL

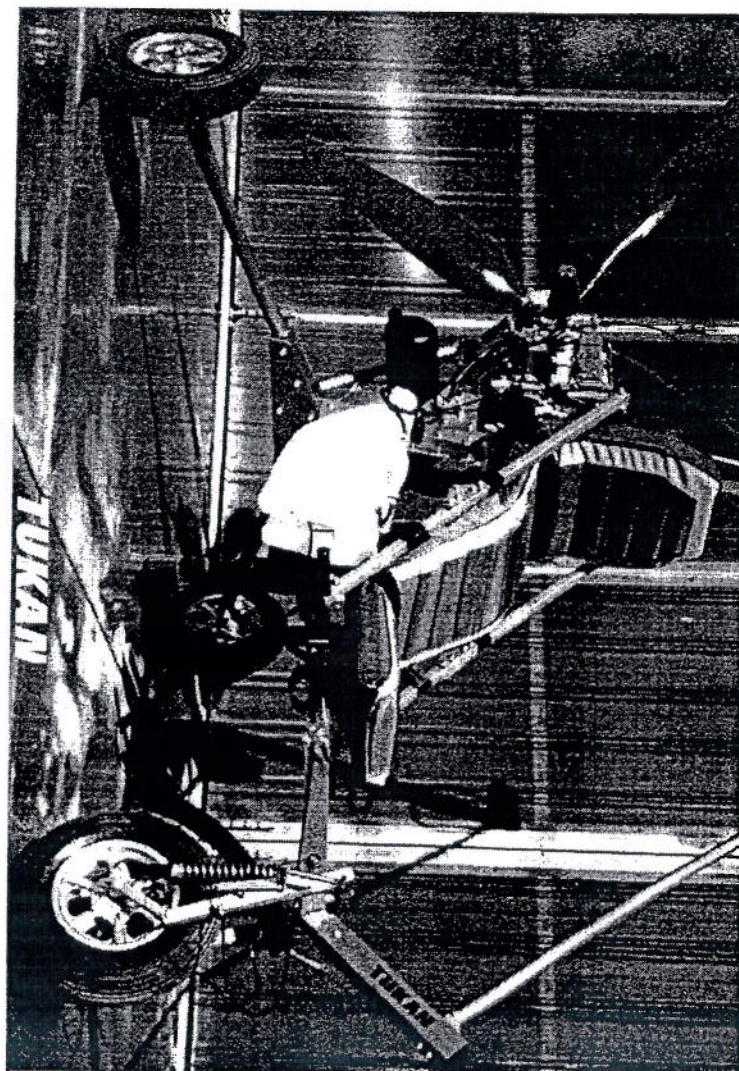
REF#	SIZE	QTY	KA#	DESCRIPTION
CDN4130	.250x.875	1'	KA	PEG
CRS	.250	3"	KA	PEDAL STOP
CRS	.375x.750	2"	KA	FORK BUSHING
CRS	.375x.375	5"	KA	ADJUSTER MOUNT
CRS	.090	2SQ	KA4001	SHOCK MOUNT
CDN4130	.065x1.0	4'	KA4000	FORK
CRS	.065x.750	1'	KA4006	LINK
CDN4130	.058x1.0	3"	KA	PEDAL SLEEVE
CDN4130	.065x.500	10"	KA	PEDAL POST
CDN4130	.065x.500	3"	KA	PEDAL END
CDN4130	.058x1.0	1"	KA	PEDAL COLLAR
CRS	.119	1'SQ	KA	PEDAL ARMS
CDN4130	.065x1.75	1.5'	KA1005-1-2	NOSE
CDN4130	x1.75			
SS 303	.250x.750	3.5"	KA1005-3	NOSE BUSHING
SS 303	.075	1'SQ	KA0002	TANG
SS 303	.075	1'SQ	KA0001	U-BRACKET
CRS	.625	16"	KA5001	REAR AXLE

ALUMINUM

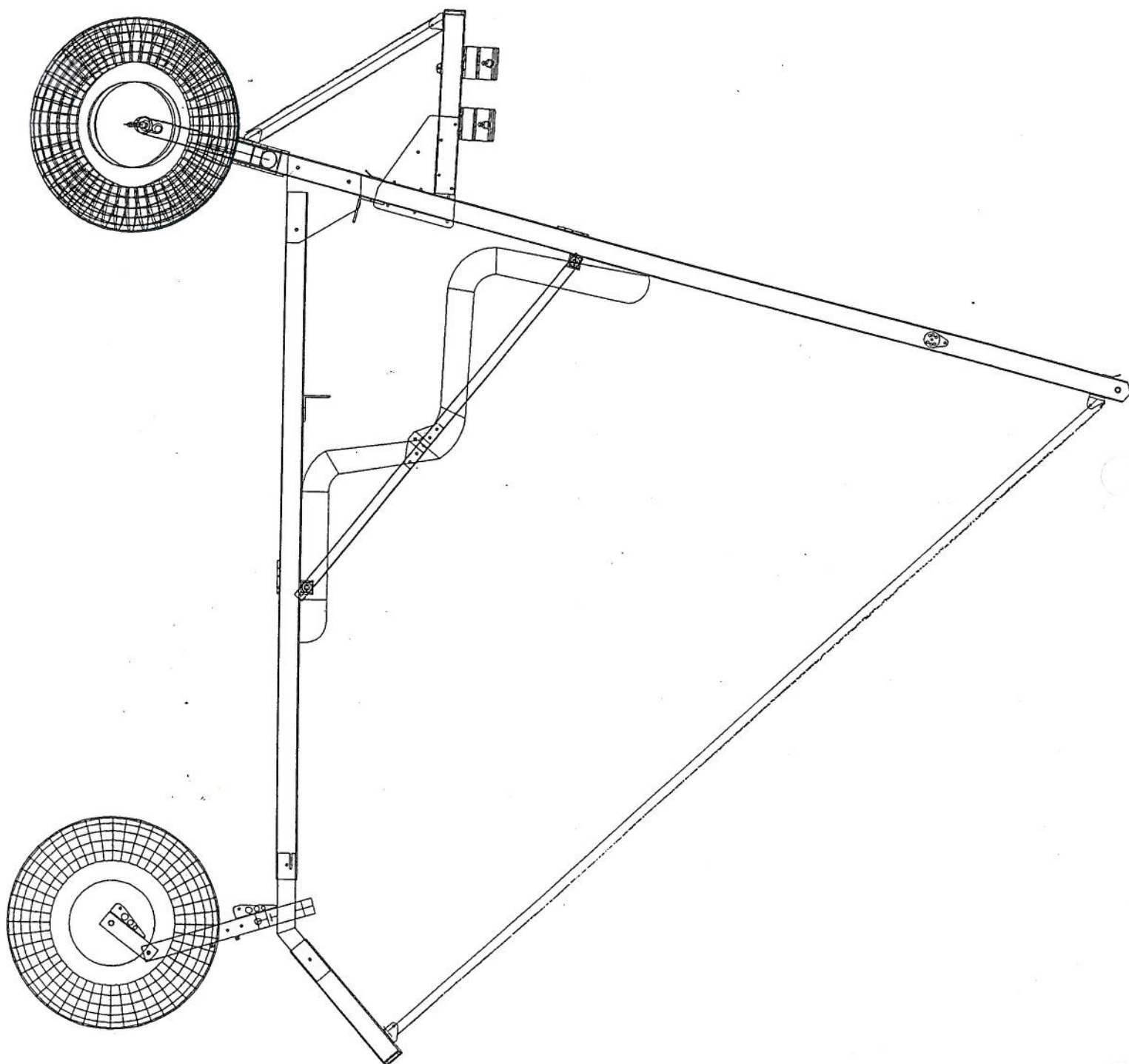
REF#	SIZE	QTY	KA#	DESCRIPTION
2024 T-3	.250	2SQ	KA1001	MAST SIDE PLATE
2024 T-3	.187	2SQ	KA2001	STRADDLE PLATE
6061 T-6	.125	2SQ	KA2006	HINGE PLATE
5052-H32	.250	1SQ	KA3002	MOTOR SIDE PLATE
5052-H32	.250	1"x14"	KA3003	MOTOR MOUNT UPPER
2024 T-3	.187	1"x17"	KA3004	MOTOR MOUNT LOWER
6061 T-6	.375	2"x14"	KA5002	FRONT PLATE
6061 T-6	.125x2.0x2.0	8"	KA7001	WING MOUNT PLATE
6061 T-6	.125x2.0x2.0	66"	KA1002	MAST
6061 T-6	.125x2.0x2.0	66"	KA1003	BOOM
6061 T-6	.125x2.0x2.0	14"	KA1006	NOSE END
6061 T-6	.125x2.0x2.0	17"	KA3001	MOTOR MOUNT TUBE
6061 T-6	.125x2.0x2.0	13"	KA5003	REAR STRUT SQ TUBE
2024 T-4	.075x1.0x1.0	7'	KA2002-3	SEAT SIDE RAIL
6061 T-6	.125x1.250	3'	KA2004	CROSS RAIL
6061 T-6	.188x1.0	1'	KA5001	ITEM #2 &
6060 T-6	.058x1.750	2'	KA5004	FRONT WHEEL SPACER
6061 T-6	.049x1.625	3'	KA5005	UPPER TUBE
6061 T-6	.049x1.625	4"	KA5006	MIDDLE TUBE
6061 T-6	2.1x1.120	2"	KA2007	TUBE END
6061 T-6	ANGLE			SWITCH MOUNT
6061 T-6	2.5x2.5x.189	1'	KA1004	TANK BRACKET
6061 T-6	1.75x1.75	1'	KA1009	MAST INSERT
6061 T-6	SOLID ROD		KA1010	INSERT
6061 T-6	1.0x1.0	1'	KA2005	PIVOT INSERT
6061 T-6	SOLID ROD			

FIBERGLASS

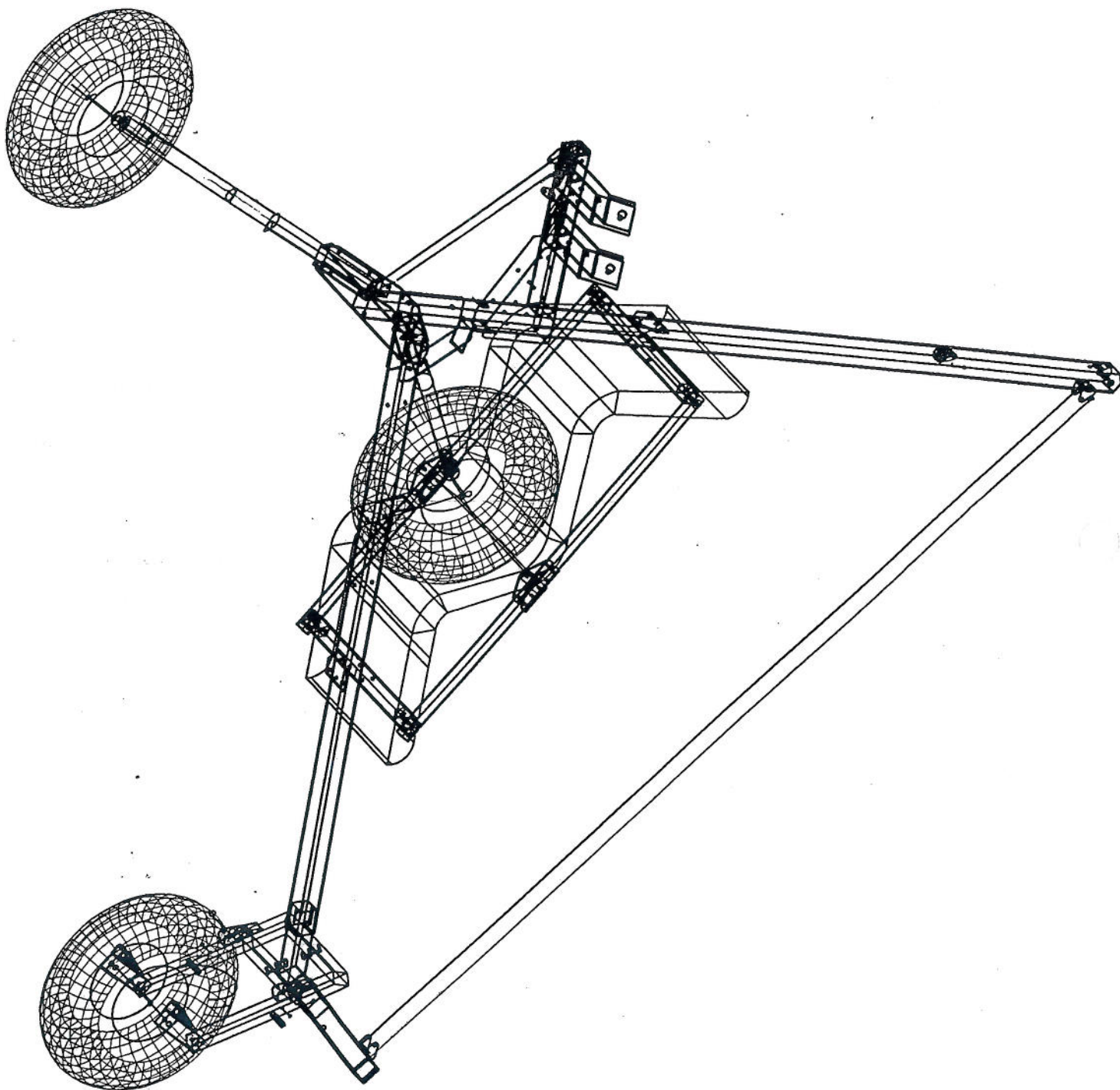
REF#	SIZE	QTY	KA#	DESCRIPTION
1921-032	1.0	44"	KA5007	UPPER ROD
1915-012	.250x1.50	60"	KA5008	HOLLOW TUBE



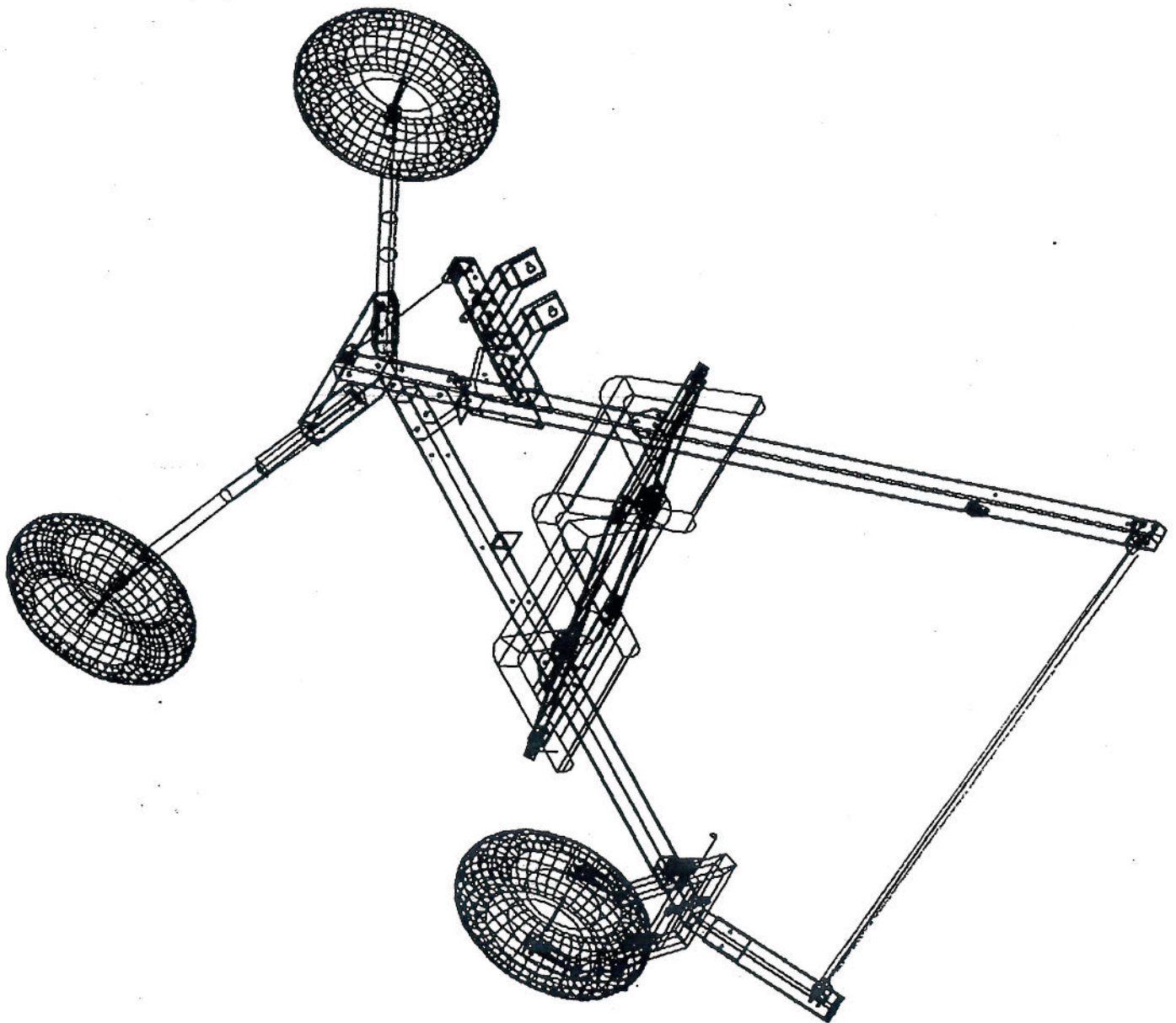
COPYRIGHT KEMMERIES AVIATION 1994



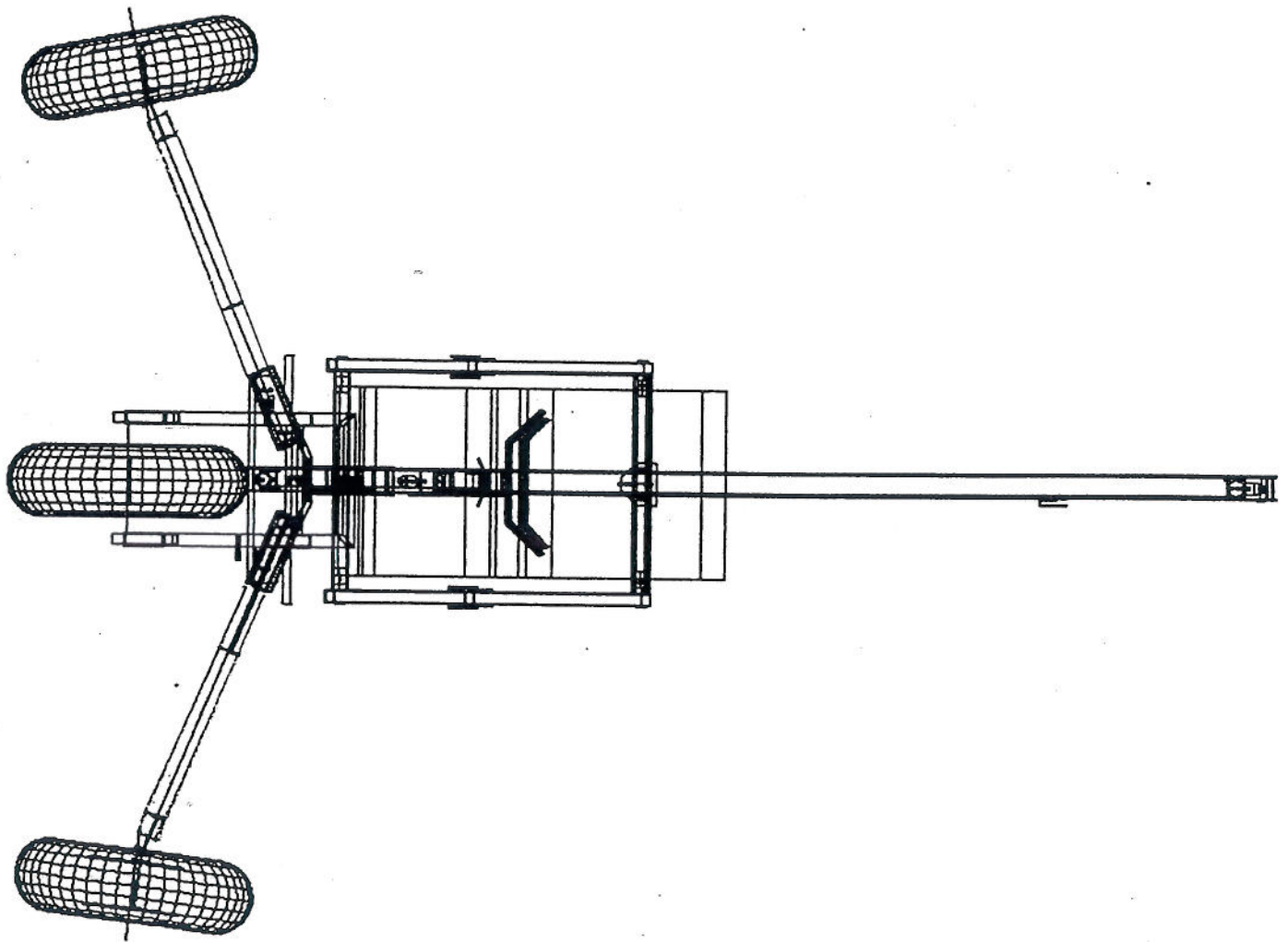
COPYRIGHT KEMMERIES AVIATION 1994



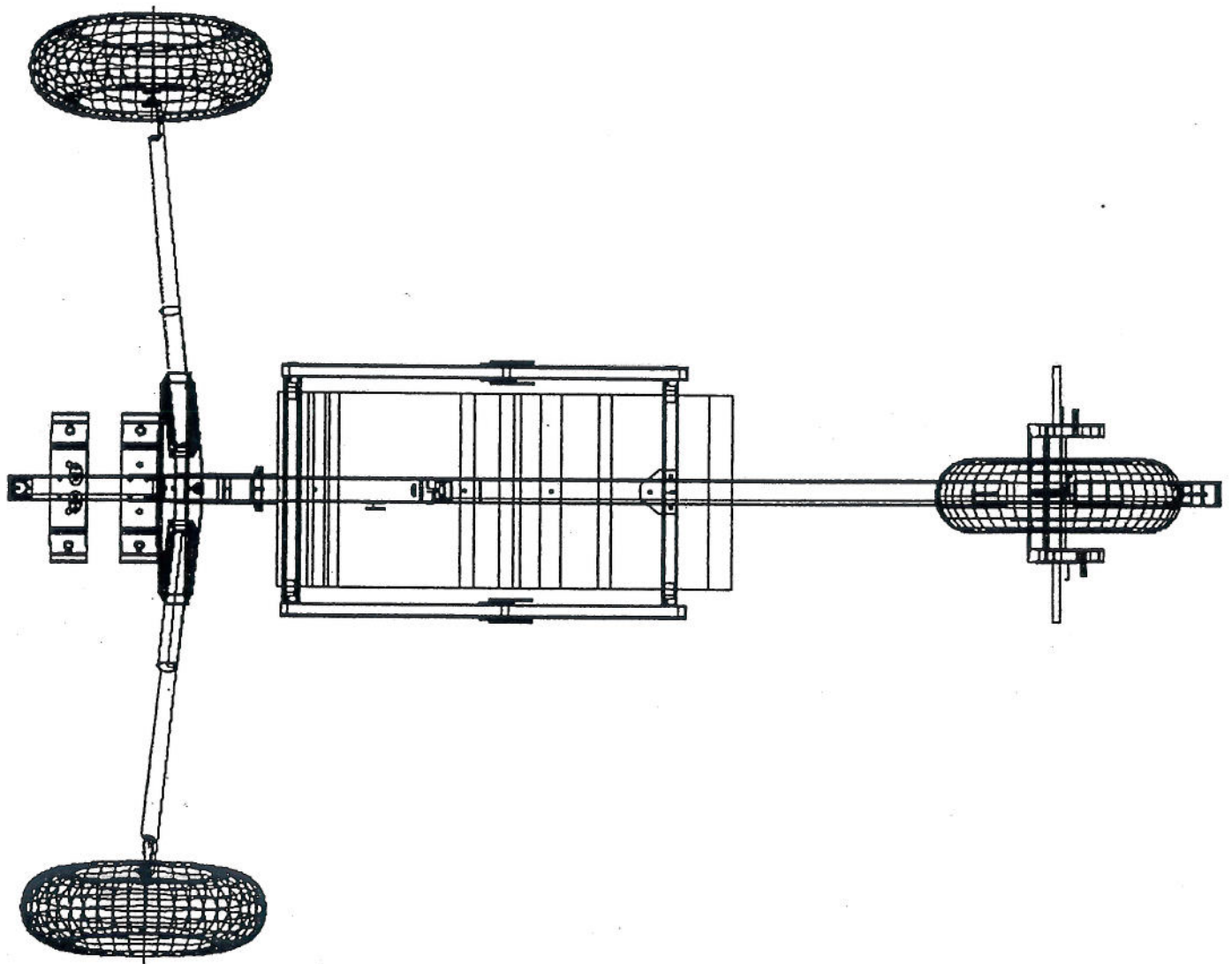
COPYRIGHT KEMMERIES AVIATION 1994



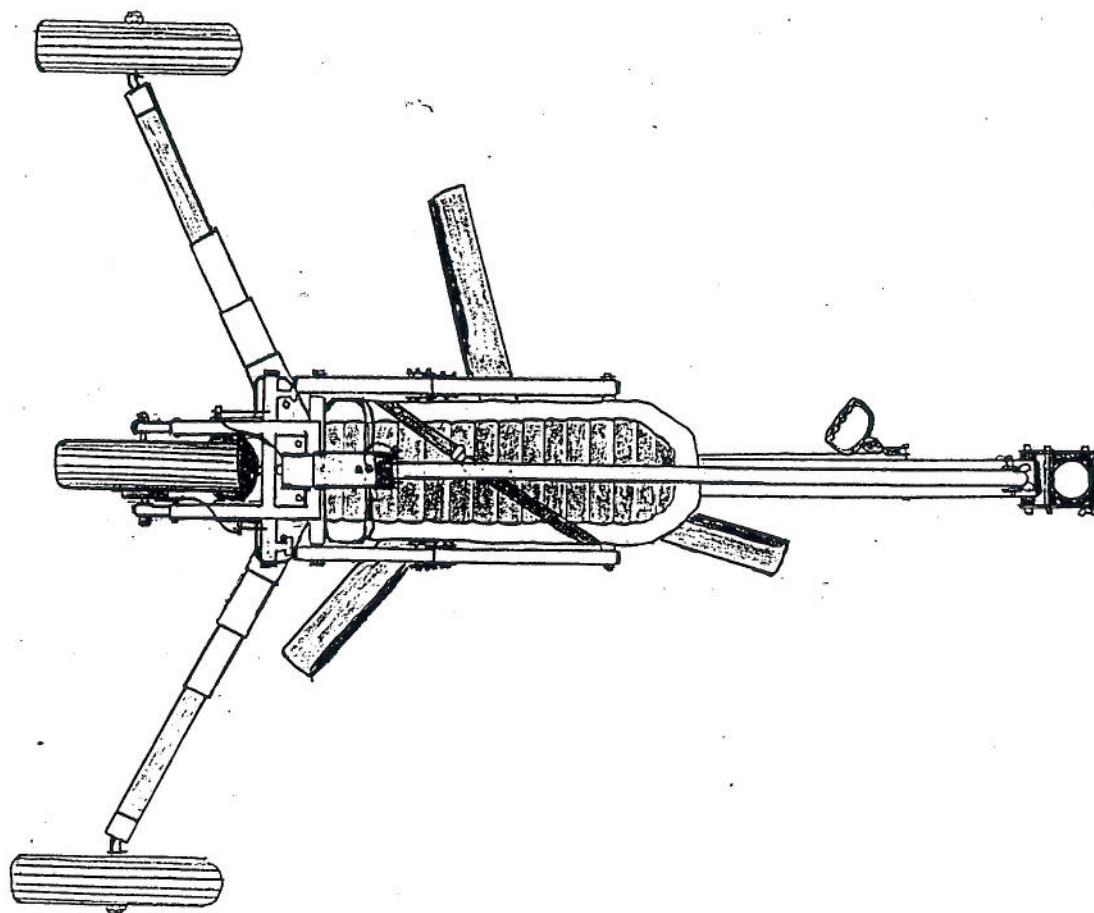
COPYRIGHT KEMMERIES AVIATION 1994



COPYRIGHT KEMMERIES AVIATION 1994



COPYRIGHT KEMMERIES AVIATION 1994



COPYRIGHT KEMMERIES AVIATION 1994

TUKAN

ASSEMBLIES

KA-1 MAST

KA-2 SEAT

KA-3 MOTOR MOUNT

KA-4 FORK

KA-5 LANDING GEAR

COPYRIGHT KEMMERIES AVIATION 1994

COPYRIGHT KEMMERIES AVIATION 1994