

MATERIAL LIST FOR THATCHER CX4 AIRCRAFT (Does not include engine or propeller)

Date: Rev: May 22,2009

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WICKS AIRCRAFT SUPPLY

VENDER PHONE: 800-221-9425 E-MAIL: INFO@WICKAIRCRAFT.COM

QTY	SKU	DESCRIPTION	PRICE	PRICE	
HARDWARE - FASTENERS					
<input type="checkbox"/>	6	MS20001-P6	2" PIANO HINGE	\$14.88	\$84.22
<input type="checkbox"/>	2	486-1032	FORK ROD END W/PIN & KEY	\$11.89	\$23.78
<input type="checkbox"/>	13	MM-4	ROD END BEARING 1/4-28	\$6.95	\$90.35
<input type="checkbox"/>	15	MS21059-L3	ANCHOR NUTS	\$0.80	\$12.00
<input type="checkbox"/>	8	MS21059-L4	ANCHOR NUTS	\$2.09	\$16.72
<input type="checkbox"/>	2	MS21059-L5	ANCHOR NUTS FOR TIE-DOWN RINGS	\$2.66	\$5.32
					SUB TOTAL
					\$232.39
UNDERCARRIAGE					
<input type="checkbox"/>	1	6116	6 " FULL SWIVEL TAIL WHEEL	\$293.75	\$293.75
<input type="checkbox"/>	1	TWS-CK	TAIL WHEEL COMP SPRING KIT	\$33.08	\$33.08
					SUB TOTAL
					\$326.83
COCKPIT - MISC.					
<input type="checkbox"/>	1	EC100-005	CABIN HEAT BOX	\$94.86	\$94.86
					SUB TOTAL
					\$94.86
FUEL SYSTEM HARDWARE					
<input type="checkbox"/>	2	AN867-1	WELDING FLANGE, 1/8NPT	\$6.62	\$13.24
<input type="checkbox"/>	1	AN867-3	WELDING FLANGE, 3/8 NPT	\$8.06	\$8.06
<input type="checkbox"/>	1	GAS-HBS-1	GASCOLATOR 2-1/8 BOWL	\$80.92	\$80.92
<input type="checkbox"/>	1	GAS-BKT-1	GASCOLTR MOUNT BKT	\$14.60	\$14.60
<input type="checkbox"/>	1	FS-375	3/8 FINGER STRAINER	\$9.50	\$9.50
<input type="checkbox"/>	1	CSF	FUEL QUANTITY TRANSMITTER MOUNT PLATE	\$7.75	\$7.75
					SUB TOTAL
					\$134.07
RIVETS - FOR ANCHOR NUTS					
<input type="checkbox"/>	100	CCR264SS-3-2	RIVET CHERRY SS 3/32 X .193	\$0.31	\$26.00
<input type="checkbox"/>	100	CCR264SS-3-3	RIVET CHERRY SS 3/32 X .255	\$0.28	\$21.00
<input type="checkbox"/>	50	CCR264SS-3-4	RIVET CHERRY SS 3/32 X .318	\$0.31	\$15.50
					SUB TOTAL
					\$62.50
STEEL STOCK					
<input type="checkbox"/>	6	BR1/8X1-1/2-41	4130 STEEL BAR	\$2.73	\$16.38
<input type="checkbox"/>	6	BR1/4X1-1/2-41	4130 STEEL BAR	\$7.48	\$44.88
					SUB TOTAL
					\$61.26
ALUMINUM STOCK					
<input type="checkbox"/>	6	BR1/4X1-T4	2024-T4 AL BAR	\$6.86	\$41.16
<input type="checkbox"/>	24	BR1/4X1-1/2-T4	2024-T4 AL BAR	\$6.95	\$166.80
<input type="checkbox"/>	8	SH020X4X12-T6	6061-T6 AL SHEET .020	\$110.70	\$885.60
<input type="checkbox"/>	1	SH032X4X12-T6	6061-T6 AL SHEET .032	\$102.77	\$102.77
<input type="checkbox"/>	1	SH040X4X12-T6	6061-T6 AL SHEET .040	\$140.67	\$140.67
<input type="checkbox"/>	8'	A3/4X125-T6	6061 T6511 EXTRUSION ANGLE	\$1.54	\$12.32
<input type="checkbox"/>	72'	A3/4X062-T6	6061-T6511 EXTRUSION ANGLE (cut in 8" lengths for UPS)	\$2.75	\$198.00
<input type="checkbox"/>	24'	A1X125-T6	6061-T6511 EXTRUSION ANGLE (cut in 8' lengths for UPS)	\$3.71	\$89.04
<input type="checkbox"/>	64'	A1-1/2X187-T6	6061-T6511 EXTRUSION ANGLE (cut in 8' lengths for UPS)	\$3.89	\$248.96
					SUB TOTAL
					\$1,885.32
					WICKS TOTAL
					\$2,797.23

NOTE 1: *NOT REQUIRED IF WING SPAR IS PURCHASED FROM PETER BECK
 ** .040 SHEET AND ONE SHEET OF .020 NOT REQUIRED IF SPARS, RIBS & BULKHEADS COME FROM PETER BECK

AIRCRAFT SPRUCE & SPECIALTY CO.

VENDER PHONE: 877-477-7823 E-MAIL: INFO@AIRCRAFTSPRUCE

QTY	SKU	DESCRIPTION	PRICE	PRICE	
ALUMINUM PUSHROD TUBES AND CONTROL LINKAGE					
<input type="checkbox"/>	1	03-36050-12	6061-T6 ROUND ALUMINUM TUBING 5/8 .058 12FT. (ELEVATOR PUSHROD)		\$30.00
<input type="checkbox"/>	1	03-35750 -8	6061-T6 ROUND ALUMINUM TUBING 3/8 .083 8FT. (AILERON PUSHROD)		\$26.00
<input type="checkbox"/>	1	03-28360	2' BY 2' 6061-T6 SHEET.063 FOR RUDDER AND WHEEL FAIRINGS		\$17.26
<input type="checkbox"/>	3	05-01150	PUSHROD THREADED END FITTING .058	\$9.90	\$29.70
<input type="checkbox"/>	20	05-15500	BOWDEN CABLE (order 20 foot length)	\$1.58	\$31.60
					SUB TOTAL
					\$134.56
STICK , RUDDER PEDALS, ENG MOUNT & ELEVATOR HORN					
<input type="checkbox"/>	10'	03-02600	4130 STEEL ROUND SEAMLESS TUBING 1/2 .058	\$3.45	\$34.50
<input type="checkbox"/>	3'	03-03800	4130 STEEL ROUND SEAMLESS TUBING 5/8 .058	\$3.15	\$9.45
<input type="checkbox"/>	2'	03-04500	4130 STEEL ROUND SEAMLESS TUBING 3/4 .058	\$3.30	\$6.60
<input type="checkbox"/>	5	05-01879	FMM10 TRIANGLE BEARING 5/8" NYLON	\$0.87	\$4.35
<input type="checkbox"/>	1'	03-05500	4130 STEEL TUBE 7/8 .058	\$3.60	\$3.60
<input type="checkbox"/>	2'	03-02900	4130 STEEL TUBE 1/2 .120	\$5.50	\$11.00
<input type="checkbox"/>	2'	03-45800	6061-T6 ALUMINUM ROD	\$0.92	\$1.84
<input type="checkbox"/>	1	03-23050	9" BY 9" 4130 STEEL PLATE .050	\$4.50	\$4.50
					SUB TOTAL
					\$75.84
GAS TANK - ALUMINUM SHEET, FUEL LINE FITTINGS, & SEALANT					
<input type="checkbox"/>	1	03-31050	5052-H32 SHEET .050 48" X 72" (FOR FUEL TANK)	\$68.00	\$68.00
<input type="checkbox"/>	2	AN822-4D	AN FITTINGS AN822-4D ELBOW	\$5.40	\$10.80
<input type="checkbox"/>	1	AN823-4D	AN FITTINGS AN823-4D ELBOW	\$5.85	\$5.85
<input type="checkbox"/>	2	09-38510	PRO-SEAL	\$17.95	\$35.90
					SUB TOTAL
					\$120.55

AIRCRAFT SPRUCE (Continued)

QTY	SKU	DESCRIPTION		PRICE		
1	AN910-1D	AN FITTINGS AN910-1D COUPLING	\$2.00	\$2.00		
1	AN911-1D	AN FITTINGS AN911-1D NIPPLE	\$1.80	\$1.80		
1	AN912-1D	AN FITTINGS AN912-1D BUSHING	\$1.74	\$1.74		
1	AN914-1D	AN FITTINGS AN914-1D ELBOW	\$6.25	\$6.25		
2	09-38510	CHEMSEAL B2 3 1/2 OZ CS3204	\$17.95	\$35.90		
1	05-23330	MINI FUEL VALVE 3/8"	\$13.75	\$13.75		
1	05-01061	UD-3-F FUEL CAP W/FLAT ADAPTOR	\$39.95	\$39.95		
					SUB TOTAL	\$101.39
UNDERCARRIAGE SUPPLIES						
1	06-14500	TAILWHL LEAF SPRNG#4 056-4	\$42.25	\$42.25		
2	06-00712	SHIN TUBE 3.40 X 3.00 X 5	\$6.20	\$12.40		
2	06-07710	McCREARY AIR HAWK 500X5 4PLY TIRES	\$46.50	\$93.00		
1	05-01218	WHEEL FAIRINGS MF-4	\$163.95	\$163.95		
					SUB TOTAL	\$311.60
COCKPIT - INSTRUMENTS & MISC						
1	10350-8	ALUM FLANGE 2" # 10350-8 (FOR CARBURATOR HEAT BOX)	\$7.50	\$7.50		
1	15144	PITOT-STATIC TUBE # 15144	\$17.75	\$17.75		
2	05-127144	A-920 144" PUSH PULL CONTROL	\$47.50	\$95.00		
1	10-04400	ALTIMETER		\$294.95		
1	10-02917	AIRSPEED INDICATOR		\$126.95		
1	ISS CAFPC-1	FUEL PRESSURE GAGE CHIEFS AIRCRAFT SUPPLY (800-447-3408)		\$35.00		
1	ISS STW82504	FUEL PRESSURE SENDER ORDER FROM CHIEFS AIRCRAFT SUPPLY		\$34.50		
					SUB TOTAL	\$611.65
RIVETS & TINNERMAN NUTS						
4500	CCP-42	CHERRY RIVETS	\$0.09	\$405.00		
500	CCP-44	CHERRY RIVETS	\$0.09	\$40.50		
100	CCP-46	CHERRY RIVETS	\$0.11	\$9.90		
100	1604-0412	AVEX NON-STR BLD RVT	\$0.06	\$6.00		
0.25 lb	AN470AD-4-7	SOLID ALUM RIVETS For spars	\$21.85	\$5.46		
0.25 lb	AN470AD-4-12	SOLID ALUM RIVETS For spars	\$18.75	\$4.69		
0.25 lb	AN470AD-4-13	SOLID ALUM. RIVETS For spars	\$19.30	\$4.83		
50	A1932-8Z-1D	"U" TYPE (NAS395) A1932-8Z-1 (U TINNERMAN SCREW)	\$0.40	\$20.00		
75	A6195-8Z-1D	ANCHOR NUTS #8 NOW A6195-8Z-1D (TINNERMAN NUT)	\$0.37	\$27.75		
					SUB TOTAL	\$524.13
AIRCRAFT GRADE "AN" HARDWARE FASTENERS						
6	AN509-10R14	SCREW, MACHINE	\$0.10	\$0.60		
2	AN525-10R14	SCREW, MACHINE	\$0.14	\$0.28		
6	AN525-10R12	SCREW, MACHINE	\$0.16	\$0.96		
50	AN960-10	WASHER, FLAT AN960-10	\$0.20	\$10.00		
40	AN960-416	WASHER, FLAT AN960-416	\$0.03	\$1.20		
10	AN3-4A	BOLT UNDRILLED AN3-4A	\$0.10	\$1.00		
8	AN3-5	BOLT DRILLED AN3-5	\$0.49	\$3.92		
30	AN3-6A	BOLT UNDRILLED AN3-6A	\$0.14	\$4.20		
1	AN3-7A	BOLT UNDRILLED AN3-7A	\$0.12	\$3.60		
30	AN3-10A	BOLT UNDRILLED AN3-10A	\$0.14	\$0.56		
4	AN3-11A	BOLT UNDRILLED AN3-11A	\$0.18	\$0.72		
4	AN3-13	BOLT DRILLED AN3-13	\$0.69	\$2.76		
8	AN3-13A	BOLT UNDRILLED AN3-13A	\$0.19	\$1.52		
15	AN4-4A	BOLT UNDRILLED AN4-4A	\$0.15	\$2.25		
6	AN4-5A	BOLT UNDRILLED AN4-5A	\$0.20	\$1.20		
6	AN4-6A	BOLT UNDRILLED AN4-6A	\$0.14	\$0.84		
2	AN4-14	BOLT DRILLED FOR RIDDER PEDALS	\$0.73	\$1.46	SEE NOTE 2	
2	AN4-46	BOLT DRILLED FOR RUDDER PEDALS	\$1.75	\$3.50	SEE NOTE 2	
2	AN4-52	BOLT DRILLED FOR RUDDER PEDALS	\$10.20	\$20.40	SEE NOTE 2	
2	AN3-7	BOLT DRILLED FOR RUDDER PEDALS	\$0.52	\$1.04	SEE NOTE 2	
20	AN4-12A	BOLT UNDRILLED AN4-12A	\$0.25	\$5.00		
30	AN4-16A	BOLT UNDRILLED AN4-16A	\$0.38	\$11.40		
4	AN4-17A	BOLT UNDRILLED AN4-17A	\$0.37	\$1.48		
4	AN4-25A	BOLT UNDRILLED AN4-25A	\$0.47	\$1.88		
12	AN5-14A	BOLT UNDRILLED AN5-14A	\$0.30	\$3.60		
6	AN5-35A	BOLT UNDRILLED AN5-35A	\$1.38	\$8.28		
1	AN6-7A	BOLT UNDRILLED AN6-7A	\$0.50	\$0.50		
1	AN6-12A	BOLT UNDRILLED AN6-12A	\$0.56	\$0.56		
4	AN6-22A	BOLT UNDRILLED AN6-22A	\$0.91	\$3.64		
4	AN6-37A	BOLT UNDRILLED AN6-37A	\$1.59	\$6.36		
4	AN8-20A	BOLT UNDRILLED AN8-20A	\$1.67	\$6.68		
20	AN310-4	NUT, CASTLE				
20	AN310-3	NUT, CASTLE	\$0.40	\$8.00		
12	AN316-4R	NUT, THIN CHECK AN316-4R	\$0.09	\$1.08		
50	AN365-428A	ELASTIC STOP NUT	\$0.13	\$6.50		
18	AN365-524A	ELASTIC STOP NUT	\$0.37	\$6.66		
10	AN365-624A	ELASTIC STOP NUT	\$0.64	\$6.40		
100	AN364-632A	THIN ELASTIC STOP NUT MS21083N06	\$0.21	\$21.00		
4	AN365-820A	ELASTIC STOP NUT	\$0.87	\$3.48		
30	AN365-832A	ELASTIC STOP NUT	\$0.11	\$3.30		
75	AN365-1032A	ELASTIC STOP NUT	\$0.15	\$11.25		
2	AN42B-5	EYE BOLT DRILLED Rudder horn	\$2.95	\$5.90		
100	AN526C-632R6	AN526-632R6 MACHINE SCREW	\$0.07	\$7.00		
10	AN526C-632R8	AN526-632R8 MACHINE SCREW	\$0.07	\$0.70		
20	AN526C-1032R10	MACHINE SCREWS	\$0.10	\$2.00		
20	AN526C-832R10	SCREW, MACHINE AN526-832-R10	\$0.05	\$1.00		
2	MS24694-S59	MACHINE SCREW # MS24694-S59	\$0.17	\$0.34		
					SUB TOTAL	\$196.00
					AIRCRAFT SPRUCE TOTAL	\$2,075.72

NOTE 1
NOTE 2

NOT REQUIRED IF ENGINE MOUNT IS PURCHANCED FROM PETER BECK
NOT REQUIRED IF STICK, RUDDER PEDALS, ELEVATOR HORN
OR EXHAUST PIPES ARE PURCHASED FROM THATCHER

GREAT PLAINS AIRCRAFT SUPPLY

PHONE: 800-922-6507 E-MAIL: INFO@GREATPLAINSAS.COM

			PRICE	
<input type="checkbox"/>	2	5" ALUMINUM WHEELS WITH 3/4" BEARINGS	\$41.95	\$83.90
<input type="checkbox"/>	1	GP HYD BRAKE KIT		\$299.95
<input type="checkbox"/>	1	3/4" PRE WELDED AXLE (PAIR)		\$59.95
<input type="checkbox"/>	2	HEEL AND TOE MASTER CYLENDERS	\$59.95	\$119.90
<input type="checkbox"/>	2	TUBE AND HARDWARE KIT (NYLON)	\$12.95	\$25.90
<input type="checkbox"/>	1	12" SPINNER SET		\$111.15
<input type="checkbox"/>	2	FACET FUEL PUMPS	\$48.95	\$97.90
<input type="checkbox"/>	1	CD SOLENOID		\$21.95
<input type="checkbox"/>	1	VDO OIL PRESSURE GAGE		\$29.95
<input type="checkbox"/>	1	VDO OIL PRESSURE SENDER		\$33.75
<input type="checkbox"/>	1	VDO VOLTMETER		\$29.95
<input type="checkbox"/>	1	VDO OIL TEMP AND SENDER		\$41.90
<input type="checkbox"/>	1	VDO FUEL QUANTITY GAGE		\$29.95
<input type="checkbox"/>	1	VDO CYLINDER HEAD TEMP GAGE		\$98.32
<input type="checkbox"/>	1	UMA ANALOG TACH 2 1/2"		\$279.95
<input type="checkbox"/>	1	SONERAI II LANDING GEAR 5/8" 24" WIDE		\$495.95
<input type="checkbox"/>	4	180 degree 1.375 EXHAUST PIPES	\$9.00	\$36.00
<input type="checkbox"/>	2	2 FOOT LONG STRAIGHT, 1.375 EXHAUST PIPES	\$9.00	\$9.00
<input type="checkbox"/>	4	EXHAUST WELDING FLANGE 1.375		\$5.95
		GREAT PLAINS TOTAL		\$1,911.27

SEE NOTE 2
SEE NOTE 2
SEE NOTE 2

MISCELLANEOUS

<input type="checkbox"/>	8	NF35-2 1/2	NYLON BEARINGS FROM BOSTON GEARS	\$2.00	\$16.00
<input type="checkbox"/>	2	NF46-3	NYLON BEARINGS FROM BOSTON GEARS	\$2.18	\$4.36
<input type="checkbox"/>	1	35729-10	MOELLER FUEL GAGE SENDER (MARINE SUPPLY STORE)		\$30.00
<input type="checkbox"/>	1	ES20LBS	BATTERY FROM WAL-MART		\$85.00
<input type="checkbox"/>	1pr	KV8400WP-24	SIDE MOUNT DRAWER SLIDES FROM LOWES HARDWARE		\$15.76
<input type="checkbox"/>	1		2' BY 3' 26 GAGE GALVANIZED TIN FOR FIREWALL(HOME DEPOT)		\$8.00
<input type="checkbox"/>	3	AN3021-2	SWITCHES	\$9.60	\$28.80
<input type="checkbox"/>	1	W23X1A1G20	CIRCUIT BREAKER		\$21.50
<input type="checkbox"/>	2	W23X1A1G5	CIRCUIT BREAKER	\$20.75	\$41.50
<input type="checkbox"/>	2		TIE DOWN RINGS (ORDER FROM THATCHER AIRCRAFT)	\$4.00	\$8.00
<input type="checkbox"/>	1	CANOPY	ORDER FROM THATCHER AIRCRAFT		\$175.00
<input type="checkbox"/>	1	COWLING	ORDER FROM THATCHER AIRCRAFT		\$600.00
<input type="checkbox"/>	1	WINDSHIELD	ORDER FROM THATCHER AIRCRAFT		\$80.00
<input type="checkbox"/>	1 roll	T-8071-3	ENGINE BAFFLE MATERIAL Order from www.brownaircraft.com		\$68.14
<input type="checkbox"/>	9'		1/4" TUBING FOR FUEL LINES (COPPER OR ALUMINUM)		\$7.50
<input type="checkbox"/>	6		1/4" FITTINGS FOR FUEL LINES	\$1.28	\$7.68
<input type="checkbox"/>	6	M6-1.00X16	METRIC SCREWS FROM HARDWARE used on engine baffles		\$2.76
<input type="checkbox"/>	2	M10-1.50X20	METRIC SCREWS FROM HARDWARE used on engine baffles		\$1.60
<input type="checkbox"/>	3 ft		1/2" "C" channel from hardware store		\$7.47
		MISCELLANEOUS TOTAL			\$1,209.07

GRAND TOTAL FOR ALL PARTS LISTED ABOVE - ABOUT \$ 8000.00

ENGINES:

GREAT PLAINS AIRCRAFT SUPPLY

PHONE: 800-922-6507 E-MAIL: INFO@GREATPLAINSAS.COM

		PRICE	
<input type="checkbox"/>	PRICE FOR 1835cc (60hp) and 1915cc (65hp) ENGINES	\$5,750.00	
<input type="checkbox"/>	AIRCRAFT PARTS LISTED ABOVE	\$8,000.00	
	TOTAL FOR AIRCRAFT WITH 1835cc ENGINE - ABOUT		\$13,750.00
<input type="checkbox"/>	PRICE FOR 2180cc (76hp) ENGINE	\$7,050.00	
<input type="checkbox"/>	AIRCRAFT PARTS LISTED ABOVE	\$8,000.00	
	TOTAL FOR AIRCRAFT WITH 2180cc ENGINE - ABOUT		\$15,050.00
<input type="checkbox"/>	OPTION: ASSEMBLE, TEST RUN & CRATE ENGINE - ADD	\$950.00	

PROPELLER:

TENNESSEE PROPELLER

PHONE: 931-455-4516

<input type="checkbox"/>		\$375.00
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OPTIONAL PREFABRICATED PARTS:

THATCHER AIRCRAFT

PHONE 850-712-4539 E-mail: thatcherCX4@cox.net

<input type="checkbox"/>	ENGINE MOUNT	\$450.00
<input type="checkbox"/>	STICK ASSEMBLY WITH BOOT	\$125.00
<input type="checkbox"/>	RUDDER PEDALS ASSEMBLY	\$200.00
<input type="checkbox"/>	ELEVATOR HORN	\$85.00
<input type="checkbox"/>	FIBERGLASS WING AND ELEVATOR TIPS (\$40 EACH)	\$160.00
<input type="checkbox"/>	EXHAUST PIPES	\$200.00
<input type="checkbox"/>	NYLON BEARING SET	\$21.00
<input type="checkbox"/>	CANOPY LATCH	\$45.00
	TOTAL OPTIONAL PARTS FROM THATCHER	\$1,286.00

PETER BECK

PHONE 502-599-4885 E-mail: ptrbec@aol.com

<input type="checkbox"/>	PREFORMED RIBS & BULKHEADS	\$1,440.00
<input type="checkbox"/>	COMPLETE MAIN WING & CENTER SECTION SPARS	\$1,400.00
<input type="checkbox"/>	AILERONS (pair)	\$250.00
<input type="checkbox"/>	QUICK BUILD FUSELAGE (INCLUDES COMPLETE WING SPARS)	\$5,350.00
<input type="checkbox"/>	QUICK BUILD WINGS WITH AILERONS	\$6,550.00