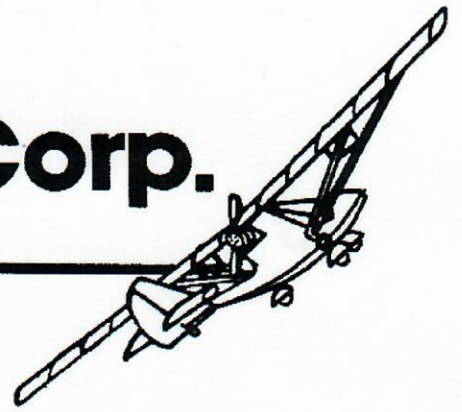


# QUAD CITY Aircraft Corp.



Your guide for ordering assemblies and parts for your Challenger I, II, LSS, or XL aircraft.

# 2020 Parts Price List

Quad City Aircraft

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All prices and part numbers in this list are subject to change without notice. Please contact the factory for updated pricing before ordering.

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part number	description	Price	unit	Qty per A/C
<b>EMPENAGE SECTION ( TAIL, Section 1)</b>				
EMP-100	RUDDER ASSY.	\$126.06	Each	1
EMP-200	VERTICAL FIN ASSY.	\$144.02	Each	1
EMP-300	HORIZONTAL STABILIZER ASSY.	\$182.20	Each	2
EMP-400	ELEVATOR ASSY.	\$124.38	Each	2
EMP-100-UK	RUDDER ASSY-UK	\$131.64	Each	1
EMP-200-UK	VERTICAL FIN ASSY-UK	\$197.02	Each	1
EMP-100-XL	RUDDER ASSY-XL	\$139.52	Each	1
EMP-200-XL	VERTICAL FIN ASSY-XL	\$171.45	Each	1
EMP-100-LSS	RUDDER ASSY-LSS	\$116.56	Each	1
EMP-200-LSS-1	VERTICAL FIN ASSY-LSS-SQ TAIL	\$189.74	Each	1
EMP-200-LSS-2	VERTICAL FIN ASSY-LSS-RD TAIL	\$189.74	Each	1
EMP-001	rudder LE (leading edge) tube	\$15.28	Each	1
EMP-002	rudder TE (trailing edge) tube	\$23.66	Each	1
EMP-003	rudder x-brace tube	\$9.77	Each	1
EMP-004	rudder horn brace tube	\$5.96	Each	1
EMP-005	vertical fin LE tube	\$25.46	Each	1
EMP-006	vertical fin TE tube	\$16.92	Each	1
EMP-007	vertical fin x-brace tube	\$9.88	Each	1
EMP-008	stabilizer LE tube	\$37.96	Each	2
EMP-009	stabilizer TE tube	\$18.89	Each	2
EMP-010	stabilizer inner sleeve tube	\$14.74	Each	4
EMP-011	stabilizer x-brace tube	\$10.57	Each	4
EMP-012	elevator LE tube	\$18.89	Each	2
EMP-013	elevator TE tube	\$37.96	Each	2
EMP-014	elevator x-brace tube	\$10.66	Each	4
EMP-1	gusset for all square corners	\$2.25	Each	26
EMP-2	gusset for 90 deg. x-tubes	\$2.25	Each	18
EMP-2SP	gusset for vert. fin x-brace	\$2.25	Each	4
EMP-3	gusset for rudder horn brace	\$2.25	Each	4
EMP-5	gusset inboard corner of elev.	\$2.25	Each	4
EMP-6	gusset (elev. & rud.) x-tube	\$2.25	Each	6
LSS-DFVFG	Dorsal Fin to Vertical Fin Gusset	\$6.90	Each	1
EMP-7-L	horn, left elevator	\$7.31	Each	1
EMP-7-R	horn, right elevator	\$7.31	Each	1
EMP-8-L	horn, left rudder	\$7.31	Each	1
EMP-8-R	Horn, right rudder	\$7.31	Each	1
LSS-EMP-8-L	horn, left rudder XL	\$8.26	Each	1
LSS-EMP-8-R	horn, right rudder XL	\$8.26	Each	1
LSS-RH-001	rudder horn hdwr. bag	\$3.17	Each	1
LSS-RS-100	rudder stop assy. set	\$9.82	Set	1
LSS-RS	rudder stop, white pvc ( 3" x 1/2" x 3/4" )	\$2.89	Each	1
LSS-PVC-1	rudder stop spacer, gray pvc ( 1" x 1/2" )	\$1.49	Each	1
TT-100	Trim tab set w/hdwr (set of three)	\$29.35	Each	1
TT-003	Trim tab w/hdwr (one set)	\$10.76	Each	3
TT-001	Trim tab only	\$4.19	Each	3

part number	description	Price	unit	Qty per A/C
TT-002	Trim tab hdwr only (set of three)	\$19.71	Each	1
TT-004	Trim tab hdwr only (one set)	\$6.57	Each	3
SFM-100	Stab fin mod kit (1P & 2P) with saddles	\$76.15	Each	1
SFM-001	stab fin mod hdwr only	\$30.42	Each	1
SFM-002	stab fin mod plywood sheet only	\$16.43	Each	2
SFM-003	stab fin mod alum. saddle only		Each	4
<b>SINGLE PLACE ULTRALIGHT WING SECTION: (SECTION II)(not available as Clip Wing)</b>				
W-100-R	WING PANEL ASSY. UL right	\$831.25	Each	1
W-100-L	WING PANEL ASSY. UL left	\$831.25	Each	1
W-001	spar assy., 1P UL front left & right	\$232.97	Each	2
W-002-R	spar assy., 1P UL right rear	\$239.66	Each	1
W-002-L	spar assy., 1P UL left rear	\$239.66	Each	1
W-003	compression strut, 1P main	\$21.64	Each	2
W-004	compression strut, 1P secondary	\$17.42	Each	4
W-005	drag/anti-drag strut, 1P	\$21.96	Each	4
W-006	wing tip bow assy., 1P	\$46.61	Each	2
W-006A	wing tip bow LE tube, 1P	\$27.59	Each	2
W-006B	wing tip bow TE tube, 1P	\$10.45	Each	2
W1	triangle wing gusset (all wings)	\$2.25	Each	
W2	rect. wing gusset ( all wings)	\$2.25	Each	
WT-1	wing tip gusset ( all wings)	\$2.25	Each	
<b>SINGLE PLACE STANDARD WING SECTION:</b>				
W-200-R	WING PANEL ASSY, 1P STD RIGHT	\$896.73	Each	1
W-200-L	WING PANEL ASSY, 1P STD LEFT	\$896.73	Each	1
W-201	spar assy, 1 P STD front	\$360.11	Each	2
W-202-R	spar assy,1 P STD right rear	\$405.14	Each	1
W-202-L	spar assy, 1 P STD left rear	\$405.14	Each	1
W-003	compression strut, 1P main	\$21.64	Each	2
W-004	compression strut, 1P secondary	\$17.42	Each	4
W-005	drag/anti-drag strut, 1P	\$21.96	Each	4
W-006	wing tip bow assy., 1P	\$46.61	Each	2
W-006A	wing tip bow LE tube, 1P	\$27.59	Each	2
W-006B	wing tip bow TE tube, 1P	\$10.45	Each	2
W1	triangle wing gusset (all wings)	\$2.25	Each	
W2	rect. wing gusset ( all wings)	\$2.25	Each	
WT-1	wing tip gusset ( all wings)	\$2.25	Each	
<b>SINGLE PLACE CLIP WING SECTION:</b>				
W-100X-L	WING PANEL ASSY., 1P CW LEFT	\$755.57	Each	1
W-100X-R	WING PANEL ASSY., 1P CW RIGHT	\$755.57	Each	1
W-001X	spar assy., 1P CW front	\$210.95	Each	2
W-002X-L	spar assy., 1P CW left rear	\$214.31	Each	1
W-002X-R	spar assy., 1P CW right rear	\$214.31	Each	1
W-003	compression strut, 1P main	\$21.64	Each	2

part number	description	Price	unit	Qty per A/C
W-004	compression strut, 1P secondary	\$17.42	Each	3
W-005	drag/anti-drag strut, 1P	\$21.96	Each	3
W-006	wing tip bow assy., 1P	\$46.61	Each	2
W-006A	wing tip bow LE tube, 1P	\$27.59	Each	2
W-006B	wing tip bow TE tube, 1P	\$10.45	Each	2
W1	triangle wing gusset (all wings)	\$2.25	Each	
W2	rect. wing gusset ( all wings)	\$2.25	Each	
WT-1	wing tip gusset ( all wings)	\$2.25	Each	
<b>TWO PLACE STANDARD WING SECTION:</b>				
2W-100-R	WING PANEL ASSY., 2P STD. RIGHT	\$1,007.26	Each	1
2W-100-L	WING PANEL ASSY., 2P STD. LEFT	\$1,007.26	Each	1
2W-001	spar assy., 2P STD. front	\$299.82	Each	2
2W-002-R	spar assy., 2P STD. right rear	\$343.70	Each	1
2W-002-L	spar assy., 2P STD. left rear	\$343.07	Each	1
2W-003	compression strut, 2P main	\$29.46	Each	2
2W-004	compression strut, 2P secondary	\$21.64	Each	4
2W-005	drag/anti-drag strut, 2P	\$31.30	Each	4
2W-006	wing tip bow assy., 2P	\$66.12	Each	2
2W-006A	wing tip bow LE tube 2P	\$31.00	Each	2
2W-006B	wing tip bow TE tube 2P	\$10.46	Each	2
2W-006C	wing tip bow brace tube	\$8.69	Each	2
W1	triangle wing gusset (all wings)	\$2.25	Each	
W2	rect. wing gusset ( all wings)	\$2.25	Each	
WT-1	wing tip gusset ( all wings)	\$2.25	Each	
<b>TWO PLACE CLIP WING SECTION:</b>				
2W-100X-R	WING PANEL ASSY., 2P CW RIGHT	\$962.30	Each	1
2W-100X-L	WING PANEL ASSY., 2P CW LEFT	\$962.30	Each	1
2W-001X	spar assy., 2P CW front	\$269.30	Each	2
2W-002X-L	spar assy., 2P CW left rear	\$308.76	Each	1
2W-002X-R	spar assy., 2P CW right rear	\$308.76	Each	1
2W-003	compression strut, 2P main	\$29.46	Each	2
2W-004	compression strut, 2P secondary	\$21.64	Each	6
2W-005	drag/anti-drag strut, 2P	\$31.30	Each	6
2W-006	wing tip bow assy., 2P	\$66.12	Each	2
2W-006A	wing tip bow LE tube 2P	\$31.00	Each	2
2W-006B	wing tip bow TE tube 2P	\$10.46	Each	2
2W-006C	wing tip bow brace tube	\$8.69	Each	2
W1	triangle wing gusset (all wings)	\$2.25	Each	
W2	rect. wing gusset ( all wings)	\$2.25	Each	
WT-1	wing tip gusset ( all wings)	\$2.25	Each	
<b>TWO PLACE LIGHT SPORT SPECIAL WING SECTION:</b>				2
LSS-2W-100-L	WING PANEL 2P. LSS LEFT	\$962.96	Each	
LSS-2W-100-R	WING PANEL 2P. LSS RIGHT	\$962.96	Each	

part number	description	Price	unit	Qty per A/C
LSS-2W-100L-LW	WING PANEL 2P. LSS LEFT, LONG WING	\$1,007.26	Each	1
LSS-2W-100R-LW	WING PANEL 2P. LSS RIGHT, LONG WING	\$1,007.26	Each	1
XL-2W-100-L	WING PANEL 2P. XL-65 LEFT, WITH WING TANK BAY	\$1,204.46	Each	1
XL-2W-100-R	WING PANEL 2P. XL-65 RIGHT, WITH WING TANK BAY	\$1,204.46	Each	1
LSS-2W-003	leading edge spar extension, 6" x 1 7/8" x .049	\$14.56	Each	1
LSS-2W-004	trailing edge spar extension, 12" x 1 3/4" x .058	\$20.23	Each	
LSS-2W-005	leading edge spar extension splice 8" w/ rivets (ss short)	\$21.55	Each	2
LSS-2RB1X	wing rib, 2P. top (fabric)	\$22.04	Each	2
LSS-2RB2X	wing rib, 2P. bottom (fabric)	\$15.80	Each	2
LSS-2RB1X-A	wing rib, 2P. Special top ( longer, for wing tip angle)	\$22.87	Each	28 - 32
LSS-2RB2X-A	wing rib, 2P.Special bottom ( longer, for wing tip angle)	\$20.10	Each	14 - 16
LSS-BRC2	bottom rib channel ( 8 per set)	\$10.61	Each	2
LSS-W5X-CH	channel flat sheet, bottom( 6 x 59" w/1" 90 deg. bends)	\$44.96	Each	2
LSS-W5X	wing flat sheet, top inboard ( 8" x 62" )	\$46.36	Each	8
LSS-WTT-2W5X	wing tip flat sheet top, ( 61.5 x 10.5 x 5.5 ) .020	\$34.66	Each	2
LSS-WTB-2W5X	wing tip flat sheet bottom, ( 59" x 10.5" x 5.5" ) .020	\$34.66	Each	2
LSS-RWTWS	rear wing tip wrap sheet (.016 soft alum. sheet)	\$22.12	Each	
LSS-RWTFR	rear wing tip filler rib	\$9.71	Each	2
LSS-WTB	wing tip brace L-bracket material ( 20" x 2" x 3/4" ) .025	\$11.72	Each	2
LSS-WTBS	wing tip brace sheet (24" x 4 1/2" ) .025	\$27.62	Each	4
LSS-W1XX	wing rib gusset	\$2.25	Each	3
W1X	wing rib gusset, bottom	\$2.25	Each	2
LSS-LEW-STIF	leading edge stiffner u-channel	\$6.86	Each	26 - 32
XL-WT-RB-WEB-L	wing tank rib bay webs, front & rear, left side	\$69.24	Set	26 - 32
XL-WT-RB-WEB-R	wing tank rib bay webs, front & rear, right side	\$69.24	Set	8
LSS-WTC-L	wing tank cover, Left	\$52.62	Each	1
LSS-WTC-R	wing tank cover, right	\$52.62	Each	1
LSS-A-100L-LW	aileron assy., left, LONG WING ONLY 9"	\$326.40	Each	1
LSS-A-100R-LW	aileron assy., right, LONG WING ONLY 9"	\$326.40	Each	1
XL-A-100-L	aileron assy., left, Long Wing, 7"	\$449.76	Each	1
XL-A-100-R	aileron assy., right, Long Wing, 7"	\$449.76	Each	1
<b>SAILCLOTH RIBS</b>				
RB-1	wing rib stay, 1P (for use with sails)	\$10.85	Each	22
2RB-1	wing rib stay, 2P (for use with sails)	\$15.77	Each	22
<b>FABRIC RIB KITS (to covert from Sailcloth to Stits Fabric)</b>				
RB-100	1P STD. rib kit complete w/tapes & hdwr (fabric wing)	\$1,211.51	Each	1
RB-100X	1P CW rib kit complete w/tapes & hdwr (fabric wing)	\$1,104.85	Each	1
RB-200	2P STD. rib kit complete w/tapes & hdwr (fabric wing)	\$1,285.97	Each	1
RB-200X	2P CW rib kit complete w/tapes & hdwr (fabric wing)	\$1,175.33	Each	1
<b>The following items (2)RB1X thru W6X comprise the fabric rib kits</b>				
RB-1X	wing rib, 1P top	\$19.82	Each	STD-32
RB2X	wing rib, 1P bottom	\$17.63	Each	4

part number	description	Price	unit	Qty per A/C
2RB1X	wing rib, 2P top (fabric)	\$22.00	Each	STD-32
2RB2X	wing rib, 2P bottom (fabric)	\$18.25	Each	4
W1X	wing rib gusset (all fabric ribs)	\$2.25	Each	STD-56
W5X	wing flat sheet, 1P top & bottom	\$24.18	Each	4
2W5X	wing flat sheet, 2P top & bottom	\$31.57	Each	4
W8X	wing flat sheet, top inboard 2P LSS, 8" x 62"	\$44.14	Each	2
W6X	spar to tip fairing gusset	\$3.15	Each	4
W7LX	lexan center section cover	\$17.52	Each	1
DFR-1	rib, wing end, dorsal fin	\$5.03	Each	2
DFR-2	rib, wing end dorsal fin	\$6.10	Each	2
<b>AILERON SECTION:</b>				
A-100-L	AILERON ASSY., LEFT STD	\$329.76	Each	1
A-100-R	AILERON ASSY., RIGHT STD	\$329.76	Each	1
A-001	aileron LE tube, STD	\$99.62	Each	2
A-002	aileron TE tube, STD	\$43.63	Each	2
A-001-LES	aileron L.E. splice 8"	\$14.15	Each	2
A-001-LEX	aileron LE extension w/smash	\$51.76	Each	2
A-100X-L	AILERON ASSY., LEFT CW	\$300.77	Each	1
A-100X-R	AILERON ASSY., RIGHT CW	\$300.77	Each	1
A-001X	aileron LE tube, CW	\$62.81	Each	2
A-002X	aileron TE tube, CW	\$31.61	Each	2
A-003	aileron rib, main (all wings)	\$5.76	Each	16
A-004	aileron rib, inboard (all wings)	\$5.03	Each	2
A-005	aileron rib, outboard (all wings)	\$4.70	Each	2
A-006	aileron control horn (all wings)	\$5.28	Each	2
A-007	aileron hinge (all wings)	\$12.18	Each	8
A-007-A	aileron hinge pin ONLY, s.s.	\$1.24	Each	8
<b>LIFT STRUTS- SINGLE PLACE &amp; U/L</b>				
S-001	lift strut, 1P STD front	\$109.57	Each	2
S-002-L	lift strut, 1P STD left rear	\$117.34	Each	1
S-002-R	lift strut, 1P STD right rear	\$117.34	Each	1
<b>LIFT STRUTS- SINGLE PLACE CLIPPED WING:</b>				
S-001X	lift strut, 1P CW front	\$101.83	Each	2
S-002X-L	lift strut, 1P CW left rear	\$110.67	Each	1
S-002X-R	lift strut, 1P CW right rear	\$110.67	Each	1
<b>LIFT STRUTS- TWO PLACE STANDARD</b>				
2S-001	lift strut, 2P STD. front	\$106.26	Each	2
2S-002-L	lift strut, 2P STD. left rear	\$115.10	Each	1
2S-002-R	lift strut, 2P STD. right rear	\$115.10	Each	1
<b>LIFT STRUTS- TWO PLACE CLIPPED WING:</b>				
2S-001X	lift strut, 2P CW front	\$97.10	Each	2



part number	description	Price	unit	Qty per A/C
2S-002X-L	lift strut, 2P CW left rear	\$107.35	Each	1
2S-002X-R	lift strut, 2P CW right rear	\$107.35	Each	1
<b>JURY STRUTS</b>				
JS-200X	jury sturt set (all models after 8/94)	\$217.22	Each	1
JS-001X	jury strut hardware only	\$101.47	Each	1
JS-001	jury strut tubing only	\$96.46	Each	1
<b>STREAMLINED STRUT FAIRINGS:</b>				
SSF-100	fairing set - lift struts & gear legs (ABS plastic)	\$307.23	Set	1
SSF-001	10 ft. piece (ABS plastic)	\$83.85	Each	4
SSF-002	2 ft. piece (ABS plastic)	\$15.02	Each	2
JSF-100	jury strut fairing set, 4-- 5ft. pcs.	\$199.65	Set	1
JSHF-200	jury & horizational strut fairing set, 6-- 5ft.pcs.	\$241.34	Set	1
JSF-001	jury & horizontal strut fairing 5ft pc.	\$40.39	Each	4-6
<b>LEADING EGE WRAP KITS:</b>				
LEW-100X	leading edge wrap kit, CW	\$201.25	Set	1
LEW-200X	leading edge wrap kit, STD	\$293.49	Set	1
LEW-001	leading edge wrap 16" x 12' .020		Each	2
LEW-002	leading edge wrap 16" x 4' .020			
LEW-300	leading edge wrap kit, XL	\$504.54	Set	1
LEW-301	leading edge wrap 37" for long wing only		Each	2
LEW-302	leading edge wrap 73"		Each	2
LEW-303	leading edge wrap 61"		Each	2
<b>WING TIP BOX KITS: (required for fiberglass wing tips)</b>				
BT-100	boxed wing tip kit, 1P (sails)	\$197.46	Each	1
BT-100-X	boxed wing tip kit, 1P (fabric)	\$217.58	Each	1
BT-200	boxed wing tip kit, 2P (sails)	\$283.98	Each	1
BT-200-X	boxed wing tip kit, 2P (fabric)	\$308.14	Each	1
<b>FLAPERONS:</b>				
FLP-100	flaperon set	\$242.80	Each	1
FLP-200	flaperon set	\$247.65	Each	1
FLP-001	flaperon slide bracket only	\$94.50	Each	1
FLP-002	flaperon crank assy.	\$98.10	Each	1
FLP-003	flaperon crank brass fitting	\$21.15	Each	1
FLP-004	flaperon triangle bracket	\$7.70	Each	1
FLP-005-1	flaperon pushrod assembly 1pl			
FLP-005-2	flaperon pushrod assmbly 2pl			
FLP-006	flaperon crank handle w/threaded rod & nut			
FLP-007	flaperon slide assembly			
<b>SINGLE PLACE FUSELAGE (section 3) ( * for clipped wing add X )</b>				

part number	description	Price	unit	Qty per A/C
F-100 *	FUSELAGE ASSEMBLY COMPLETE	\$4,831.01	Each	1
F-101 *	Fuselage w/o controls	\$3,185.11	Each	1
F-102 *	Fuselage w/o controls & stringers	\$2,826.92	Each	1
F-103 *	Fuselage longeron base built	\$1,537.43	Each	1
F-001	rear longeron (undrilled)	\$149.42	Each	2
F-002	front longeron (undrilled)	\$43.16	Each	2
F-003	4" outer sleeve doubler	\$7.08	Each	2
MG-1	main gear weldments	\$112.50	Each	2
MG-100	main gear weldment replacement kit (one weldment per kit)	\$152.23	Each	
TP-1	tail post weldment	\$48.90	Each	2
CT-1	cross tube 1 ( 1/2" steel)	\$19.93	Each	1
CT-2	cross tube 2 (nose gear support)	\$34.38	Each	1
CT-3	cross tube 3 (front stick support)	\$34.36	Each	1
CT-4	cross tube (load carry thru)	\$36.54	Each	1
CT-5	cross tube (gear carry thru)	\$48.83	Each	1
CT-6	cross tube (rear cross tube)	\$19.19	Each	1
DT-1	down tube 1 (front)	\$60.82	Each	2
DT-2	down tube 2	\$45.52	Each	2
DT-3	down tube 3	\$45.51	Each	2
DT-4	down tube 4 assy. (rear)	\$51.22	Each	2
DT-5	sleeve 3"	\$5.04		
FB-1	brace tube	\$11.38	Each	2
FB-2	brace tube	\$34.14	Each	2
FB-3	brace tube	\$7.28	Each	2
FB-4	brace tube	\$14.57	Each	2
FB-5	brace tube	\$18.22	Each	2
FB-6	brace tube	\$6.10	Each	2
FB-7	brace tube	\$12.18	Each	2
FB-8	brace tube (w/inner sleeve) -- discontinued 12/97--	\$17.07	Each	1
FB-9	brace tube (w/inner sleeve)	\$18.49	Each	1
FB-10	brace tube	\$11.29	Each	1
FB-11	brace tube assy.	\$71.69	Each	1
FB-12	brace tube ( .5"x10.5")	\$5.00	Each	2
FB-12A	brace tube	\$5.00	Each	2
FB-16	pedal stop tube	\$9.00	Each	1
FB-16-NC	nose cone pedal stop tube	\$7.74	Each	1
FB-17	nose spreader tube	\$7.10	Each	1
FB-18T	rear engine former top (specify left or right)	\$9.46	Each	2
FB-18B	rear engine former bottom (specify left or right)	\$9.46	Each	2
FB-19	brace tube -- New 12/97 --	\$20.48	Each	1
FB-20	brace tube -- New 12/97 --	\$20.48	Each	1
FB-22	nose cone pedal stop brace tube	\$19.75	Each	2
PS-1	pedal spacer center piece	\$5.22	Each	1
PS-3	pedal spacer outboard pieces		Each	2
FWF-1	fuse., windshield former tube	\$21.62	Each	1
RT-1	root tube (drilled & stamped w/serial #)	\$246.83	Each	1

part number	description	Price	unit	Qty per A/C
<b>SINGLE PLACE CONTROLS:</b>				
C-001	control stick	\$28.48	Each	1
C-002	main elev. pushrod tube	\$77.45	Each	1
C-002-NI	3" nylon insert	\$5.24	Each	1
C-003-L	pedal assy., 1P left	\$47.08	Each	1
C-003-R	pedal assy., 1P right	\$47.08	Each	1
C-004	cable assy., 1P aileron	\$90.64	Each	2
C-005	cable assy., 1P rudder	\$129.58	Each	2
C-006	cable assy., idler	\$8.76	Each	1
C-007	pulley assy., 1P aileron	\$38.62	Each	4
C-008	pulley assy., idler	\$6.08	Each	1
<b>TWO PLACE FUSELAGE section 3 ( * for clipped wing add X)</b>				
2F-100 *	FUSELAGE ASSY. COMPLETE, 2P STD	\$6,335.65	Each	1
2F-101 *	Fuselage w/o controls	\$4,183.49	Each	1
2F-102 *	Fuselage w/o controls & stringers	\$3,735.32	Each	1
2F-103 *	Fuselage base, seats & belts	\$2,218.14	Each	1
2F-001	longeron, 2P rear (undrilled)	\$162.62	Each	2
2F-002	longeron, 2P front (drilled w/all sleeves)	\$200.35	Each	2
2F-002A	longeron, 2P front (undrilled w/o sleeves)	\$62.56	Each	2
2F-003	sleeve, 2P inner ( 2 ft.)	\$22.70	Each	2
2F-004	sleeve, 2P outer doubler 6"	\$11.64	Each	2
MG-1	main gear weldments	\$112.50	Each	2
MG-100	main gear weldment replacement kit (one weldment per kit)	\$152.23	Each	
TP-1	tail post weldment	\$48.90	Each	2
2CT-1	cross tube 1 ( 1/2" steel tube)	\$20.48	Each	1
2CT-2	cross tube (nose gear support)	\$37.09	Each	1
2CT-3	cross tube (front stick support)	\$41.64	Each	1
2CT-4	cross tube 4 (load carry thru)	\$41.53	Each	1
2CT-5	cross tube 5 ( rear stick support)	\$42.64	Each	1
2CT-6	cross tube 6 ( rear seat support)	\$36.50	Each	1
2CT-7	cross tube 7 ( gear carry thru)	\$57.02	Each	1
2CT-7A	diagonal cross tubes	\$11.38	Each	2
2CT-8	cross tube 8 (ties in CT-7A's)	\$11.38	Each	1
2CT-9	cross tube 9 (rear cross tube)	\$11.38	Each	1
2DT-1	down tube 1 (front)	\$44.75	Each	2
2DT-1A	down tube (front seat back support) (after 12/97)	\$39.68	Each	2
2DT-1A-OS	down tube (front seat back support for sling seats)	\$33.07	Each	2
2DT-2	down tube 2	\$37.46	Each	2
2DT-3	down tube 3	\$37.46	Each	2
2DT-4	down tube 4	\$40.55	Each	2
2FB-1	brace tube	\$10.07	Each	2
2FB-2	brace tube	\$41.65	Each	2
2FB-3	brace tube	\$7.21	Each	2
2FB-4	brace tube	\$8.33	Each	2

part number	description	Price	unit	Qty per A/C
2FB-5	brace tube	\$6.98	Each	2
2FB-6	brace tube	\$4.75	Each	2
2FB-7	brace tube	\$10.44	Each	2
2FB-8	brace tube (w/inner sleeve) --discontinued 12/97 --	\$19.82	Each	1
2FB-9	brace tube (w/inner sleeve)	\$21.02	Each	1
2FB-10	brace tube	\$7.52	Each	1
2FB-11	brace tube	\$54.82	Each	1
2FB-12	brace tube (.5"x10.5")	\$6.32	Each	2
2FB-12A	brace tube	\$6.32	Each	2
2FB-14	brace tube (rear sling support) -- discontinued 12/97 --	\$7.29	Each	1
2FB-15	brace tube (front sling support) --discontinued 12/97 --	\$6.46	Each	1
2FB-16	pedal stop tube	\$9.95	Each	1
2FB-16-NC	pedal stop tube for nose cone	\$9.95	Each	1
2FB-17	nose spreader tube	\$7.10	Each	1
2FB-18	rear engine former (specify top or bottom & left or right)	\$10.74	Each	4
2FB-19	brace tube -- New 12/97 --	\$21.72	Each	1
2FB-20	brace tube -- New 12/97 --	\$21.72	Each	1
2FB-21	brace tube, tank support -- New 12/97 --	\$22.75	Each	1
2FB-22	nose cone pedal stop brace tube (-V- shape)	\$19.75	Each	2
2PS-1	pedal spacer, 2P inner	\$6.55	Each	1
2PS-3	pedal spacer, 2P outboard	\$3.44	Each	2
FWF-1	fuselage windshield former tube	\$21.61	Each	1
2RT-1	root tube, 2P, drilled & stamped w/serial #	\$293.32	Each	1
2FB-100X	Special Cockpit Mod Kit w/hdwr (included w/CW)	\$162.71	Each	1
2FB-2A	cockpit siderail, special mod ( high sides)	\$42.64	Each	2
CB-1SP	cockpit bow tube, special mod	\$17.17	Each	2
CR-1SP	cockpit rib #1, special mod	\$10.97	Each	2
CR-2SP	cockpit rib #2, special mod	\$9.42	Each	2
CR-3SP	cockpit rib #3, special mod	\$7.31	Each	2
<b>TWO PLACE CONTROLS:</b>				
2C-001	control stick, 2P front	\$28.67	Each	1
2C-002	control stick, 2P rear	\$30.89	Each	1
2C-003	control stick interconnect, 2P	\$23.80	Each	1
2C-004	main elevator pushrod, 2P	\$71.99	Each	1
2C-005	pedal assy., 2P left rear	\$47.08	Each	1
2C-006	pedal assy., 2P right rear	\$47.08	Each	1
2C-007	pedal assy., 2P left front	\$51.49	Each	1
2C-008	pedal assy., 2P right front	\$51.49	Each	1
2C-009	cable assy., 2P rear aileron	\$141.30	Each	2
2C-010	cable assy., 2P front aileron	\$152.10	Each	2
2C-011	cable assy., 2P rudder	\$131.40	Each	2
2C-013	pulley assy., aileron (1 pulley)	\$46.34	Each	4
2C-014	pulley assy., aileron (2 pulley)	\$94.04	Each	2
C-006	cable assy., idler	\$8.76	Each	1
C-008	pulley assy., idler	\$6.08	Each	1

part number	description	Price	unit	Qty per A/C
<b>LSS TWO PLACE FUSELAGE section 3</b>				
LSS-2F-100	FUSELAGE ASSY. COMPLETE, 2P LSS	\$5,471.24	Each	
LSS-2F-101	Fuselage w/o controls	\$3,632.22	Each	
LSS-2F-102	Fuselage w/o controls & stringers	\$3,258.40	Each	1
LSS-2F-103	Fuselage base, seats & belts	\$1,993.98	Each	1
LSS-2F-001	longeron, 2P. LSS rear (undrilled)	\$124.52	Each	1
LSS-2F-002	longeron, 2P. LSS front (drilled w/all sleeves)	\$166.96	Each	1
LSS-2F-002A	longeron, 2P. LSS front ( undrilled w/o sleeves)	\$52.13	Each	2
LSS-2F-003	sleeve, 2P. LSS inner	\$18.92	Each	2
LSS-2F-004	sleeve, 2P. LSS outer doubler	\$6.46	Each	2
LSS-TP	tail post, 2P. LSS	\$60.45	Each	2
LSS-MG-2	main gear weldment assy. LSS/ XS/ XL ONLY	\$291.06	Assy	2
LSS-TF	top former assy., LSS ONLY	\$19.20		quantity
LSS- TFFT	top former tube ( 15" x .50 x .035 )	\$5.30		per a/c
LSS-TFFA	top former angle ( 1" x 1" x .063 x 10.5 long)	\$10.14		
<b>LSS / XS50 / XL 65 CONTROLS:</b>				
LSS-2C-011	cable assy, LSS rudder (3/32)	\$88.34	Each	
LSS-STOP	cable stop, LSS choke	\$5.78	Each	
<b>CHALLENGER FUSELAGE GUSSETS:</b>				
FG-W1A	1P for CT-2,3 & 2P for CT-2,3,5	\$3.98	Each	8 - 12
FG-1	1P, ties in DT-2, FB-2,4,5	\$5.03	Each	4
FG-2	1P, ties in DT-3 & 4, FB-4,6 & 7	\$5.03	Each	4
FG-3	1P & 2P (DT-3 & 4 to longeron)	\$5.70	Each	4
FG-4L	1P & 2P (DT-1 to longeron)	\$5.70	Each	2
FG-4R	1P & 2P (DT-1 to longeron)	\$5.70	Each	2
FG-5	1P & 2P (FB-1 & 2 to longeron)	\$3.34	Each	2
FG-6	1P & 2P (ties FWF to DT-1)	\$5.03	Each	2
FG-7	1P & 2P (ties FB-1 to DT-1)	\$2.25	Each	4
FG-8	1P & 2P (ties FB-3 to FB-1 & 2)	\$2.25	Each	1
FG-9	1P & 2P (ties FB-10 to FB-11)	\$2.34	Each	1
FG-10	1P & 2P (ties FB-17 to FS-002)	\$2.25	Each	2
FG-10NC	gusset for spreader tube when using Nose Cone	\$2.25	Each	2
FG-11	nose plate, 1P	\$7.68	Each	1
FG-12	1P (T-junction behind tank)	\$6.35	Each	2
FG-99	1P & 2P (rear boom brace)	\$10.40	Each	2
2FG-1	2P (DT-2, 2FB-2,4,5)	\$6.35	Each	4
2FG-2	2P (2DT-3 & 4 to 2FB-4,6,7)	\$6.35	Each	4
2FG-11	nose plate, 2P	\$8.35	Each	1
2FG-12	2P (T-junction behind tank)	\$11.05	Each	2
AM-1	idler pulley mount plate, 1P	\$8.36	Each	1
2AM-1	idler pulley mount plate, 2P	\$8.69	Each	1
CP-1	choke plate, 1P --- discontinued 12/97 ---	\$17.70	Each	1
2CP-1	choke plate, 2P ---discontinued 12/97 ---	\$17.70	Each	1
UB-1A	u-bracket, aluminum --- discontinued 8/94 ---	\$2.24	Each	10

part number	description	Price	unit	Qty per A/C
UB-1S	u-bracket, stainless (for CT-1 & stab strut)--all planes--	\$3.96	Each	10
UB-2S	u-bracket, stainless(dor.fin&FB-12undrilled) --all planes--	\$1.82	Each	8
FCR-2	cockpit rib, 1P	\$10.04	Each	2
2FCR-1	cockpit rib, 2P front	\$8.36	Each	2
2FCR-2	cockpit rib, 2P middle	\$10.04	Each	2
2FCR-3	cockpit rib, 2P rear	\$10.56	Each	2
FFF-1	fuselage former, 1P front --New 12/97--	\$30.08	Each	1
RFF-1	fuselage former, 1P rear --New 12/97--	\$30.08	Each	1
FFF-2	fuselage former, 2P front --New 12/97--	\$32.10	Each	1
RFF-2	fuselage former, 2P rear --New 12/97--	\$32.10	Each	1
FD-1	fuel door assy., 1P & 2P a/c plywood	\$26.75	Each	1
FD-001	fuel door hinge only	\$9.72	Each	1
<b>MISCELLANEOUS GUSSETS &amp; HORNS:</b>				
PH-1	pedal horn, all models	\$4.03	Each	2
PH-2	pedal interconnect horn, 2P	\$4.03	Each	4
PH-3	pedal horn, 2P rudder	\$7.73	Each	2
TP-001	top former plate, 1P	\$9.97	Each	2
TP-002	top former plate, 2P	\$12.37	Each	2
SBP-1	seat back plate, bottom front	\$15.59	Each	1
SBP-2	seat back plate, rear of front seat	\$14.21	Each	1
SBP-3	seat back plate, top front	\$11.44	Each	1
<b>STRINGER ASSEMBLIES AND PARTS:</b>				
FS-100	STRINGER ASSY.,1P	\$89.33	Each	2
2FS-100	STRINGER ASSY., 2P	\$92.68	Each	2
2FS-101	Stringer Assy., complete, front 6 Ft. w/ splices	\$83.16	Each	2
FS-001	stringer, bottom 1P	\$43.16	Each	2
2FS-001	stringer, bottom 2P	\$44.88	Each	2
FS-002	top stringer	\$18.25	Each	2
FS-003	stringer brace	\$9.37	Each	2
FS-003NC	nose cone spreader tube, 1P	\$9.37	Each	1
2FS-003NC	nose cone spreader tube, 2P	\$10.85	Each	1
FS-004	stringer upright	\$12.76	Each	2
FS-005	stringer splice	\$5.65	Each	
FS-006	stringer, front 6' bottom stringer w/splices	\$20.94	Each	
2FS-007	stringer spreader tube, 2P	\$10.85	Each	1
FSR6	stringer rib, 1P 6"	\$12.76	Each	4 - 2 w/N.C.
2FSR6	stringer rib, 2P 6"	\$12.76	Each	6 - 4 w/N.C.
FSR5	stringer rib, 1P 5 3/4"	\$12.52	Each	2
2FSR5	stringer rib, 2P 5 3/4"	\$12.52	Each	2
FSR4	stringer rib, 4"	\$10.97	Each	2
FSR2	stringer rib, 2"	\$9.19	Each	2
NG-1	gusset	\$2.00	Each	4
	<b>all stringer parts are same for 1P &amp; 2P except where noted</b>			

part number	description	Price	unit	Qty per A/C
<b>MISCELLANEOUS FUSELAGE PARTS:</b>				
IG-1	ignition wiring 1P	\$4.75	Each	1
IG-2	ignition wiring 2P	\$5.30	Each	2
IN-1	instrument panel	\$16.76	Each	1
GRIP	foam grips- black	\$4.61	Each	1 - 2
<b>DORSAL FIN PARTS-CH I, CH II, XL</b>				
DF-100	DORSAL FIN ASSY.	\$68.63	Each	1
DF-1	dorsal fin gusset, front	\$2.25	Each	2
DF-2	dorsal fin gusset, bottom rear corner	\$2.25	Each	2
DF-3	dorsal fin gusset, top rear corner	\$2.25	Each	2
DF-4	dorsal fin upper tube			
DF-5	dorsal fin lower tube			
DF-6	dorsal fin rear tube			
DFR-1	dorsal fin rib-front	\$5.03	Each	1
DFR-2	dorsal fin rib-middle	\$6.10	Each	1
DFR-3	dorsal fin rib-rear	\$6.84	Each	1
<b>DORSAL FIN PARTS -UK</b>				
DF-100-UK	DORSAL FIN ASSY			
DF-1-UK	dorsal fin gusset, front	\$2.25		
DF-2-UK	dorsal fin gusset bottom rear corner	\$2.25		
DF-3-UK	dorsal fin gusset top rear corner	\$2.25		
DF-4-UK	dorsal fin upper tube			
DF-5-UK	dorsal fin lower tube			
DF-6-UK	dorsal fin rear tube			
DFR-1-UK	dorsal fin rib-front			
DFR-2-UK	dorsal fin rib-middle			
DFR-3-UK	dorsal fin rib-rear			
<b>PUSHRODS AND STAB STRUTS:</b>				
STB-100	stabilizer strut set w/hdwr	\$79.95	Each	1
STB-001	stab strut only	\$7.43	Each	4
STB-002	stab strut hdwr. only	\$2.65	Each	8
EL-100	elevator pushrod set w/hdwr	\$120.74	Each	1
AL-100	aileron pushrod set w/hdwr	\$80.16	Each	1
PL-100	pedal interconnect set, 2P w/hdwr (rudder)	\$70.93	Each	
EPMK-100	elevator pushrod mod kit	\$54.42	Each	
<b>FUEL TANKS:</b>				
TM-1-5	tank mount tube set (1P, 5 gal.)	\$22.06	Each	1
TM-2-5	tank mount tube set (2P, 5 gal.)	\$24.71	Each	1
TM-1-10	tank mount tube set (1P, 10 gal.)	\$22.91	Each	1
TM-2-10	tank mount tube (2P, 10 gal.)	\$13.88	Each	1
TT-5	tank tray set ( 5 gallon tank)	\$30.88	Each	1
TT-0-5	tank tray bottom (5 gallon tank)	\$11.34	Each	1

part number	description	Price	unit	Qty per A/C
TT-1-10	tank tray set (1P, 10 gal.)	\$33.10	Each	1
TT-2-10	tank tray set (2P, 10 gal.)	\$37.97	Each	1
TANK-10	10 gal. tank w/ pick up	\$146.65	Each	1
TANK-5	5 gal. tank w/pick up	\$64.63	Each	1
PRIMER	primer bulb	\$32.31	Each	1
FILTER	fuel filter	\$8.98	Each	1
FUEL-L	fuel line for all a/c	\$2.70	FT.	6'
FUEL-C	fuel tank cap	\$12.95	Each	1
FUEL-PU	fuel tank pick up tube only	\$24.44	Each	1
FUEL-015	bungee, tank hold down	\$11.00	Each	1
TANK-17 GAL	17 gallon fuel tank complete	\$1,017.60	Each	1
<b>THROTTLE AND FUEL SYSTEM PARTS CONT.:</b>				
TH-001	throttle cable, less quadrant, 1P (2 required for DC)	\$41.43	Each	1-2
TH-002	throttle cable, less quadrant, 2P (2 required for DC)	\$80.50	Each	1-2
TH-100	throttle cable & quadrant, 1P (SC)	\$56.42	Each	1
TH-102	throttle cable & quadrant, 1P (DC)	\$98.54	Set	1
TH-200	throttle cable & quadrant, 2P (SC)	\$55.91	Set	1
TH-202	throttle cables & quadrant, 2P (DC)	\$96.15	Set	1
TH-Q	throttle quadrant only	\$17.98	Each	1
TL-1	throttle lever	\$6.99	Each	1
TB-1	throttle bracket	\$5.46	Each	1
TH-203	throttle assy., 2P front (interconnect)	\$34.29	Each	1
TH-2	throttle bracket spacer, 1/2" gray pvc	\$1.25	Each	1
TH-3	throttle handle, 1" gray pvc w/hdwr	\$2.34	Each	1
TH-4	throttle rod, interconnect	\$1.16	FT.	
QCU-336-503C	throttle cable assy., 503 DC with 3 way spliter	\$127.66	Each	1
QCU-336-582C	throttle cable assy., 582 DC with 3 way spliter	\$127.66	Each	1
AC-396D-592C	throttle cable assy., 582 DC with 3 way spliter	\$127.66	Each	1
CC-100	choke cable, SINGLE CARB	\$44.84	Set	1
CC-102	choke cables, DUAL CARB	\$103.28	Set	1
<b>LANDING GEAR PARTS AND ASSEMBLIES:</b>				
LG-1	Gear leg-main, aluminum	\$73.66	Each	2
LG-1F	Gear leg-main, fiberglass	\$81.90	Each	2
LG-1XL	Gear leg-main, spun aluminum (for XL weldments only)	\$94.00	Each	2
LG-1A	gear leg insert - 6" x 1 1/4" chromoly steel	\$22.75	Each	2
LG-1B	gear leg outer sleeve, chromoly steel	\$25.17	Each	2
LG-2	axle weldment	\$105.00	Each	2
LG-2A	axle, 5/8"	\$19.24	Each	2
LG-2B	axle spacer, 1 5/8"	\$6.66	Each	2
LG-2C	5/8" thin nyloc (new lg-2 axle)	\$1.61	Each	2
LG-2AP	axle plug, machined for 5/8" axle	\$19.24	Each	2
LG-11	axle weldment XL		Each	1
LG-3	main landing gear cable 2P.	\$17.02	Each	2
LG-4	main landing gear cable 1P.	\$16.06	Each	2



part number	description	Price	unit	Qty per A/C
LG-5	Landing gear drag cable	\$40.40	Each	2
NG-100	nose gear assy. (w/hdwr, less fork)	\$190.80	Each	1
NG-001	nose gear carrier/ bearing sold seperate	\$103.50	Each	1
NG-002	nose gear shaft assy.	\$69.75	Each	1
NG-003	steering pushrod w/ball joint	\$26.30	Each	2
NG-004	nose gear fork spacer, bushing	\$2.64	Each	2
NG-005	nose gear shaft nut			
NG-006	nose gear shaft bearing set	\$15.08	Each	1
NG-007	nose gear pushrod only	\$7.30	Each	2
LG-100	nose gear fork assy. w/hdwr 5"	\$72.15	Each	1
LG-6	nose gear fork, 5"	\$52.11	Each	1
LG-7	nose gear axle-- 5"	\$22.23	Each	1
LG-7A	nose gear spacer, 5" fork	\$1.09	Each	1
LG-7B	nose gear axel assy.	\$28.40	Each	1
LG-200	nose gear fork assy. w/hdwr 6"			
LG-201	nose gear fork 6"	\$57.51	Each	1
LG-202	nose gear fork axle 6"	\$24.68	Each	1
LG-203	nose gear axle spacer 6"	\$32.01	Each	1
LG-204	nose gear axle assembly 6"	\$1.25		
LG-8	tail wheel assy. w/3" wheel	\$23.54	Each	1
LG-8A	tail wheel only, 3" x 1 1/4"	\$11.25	Each	1
LG-8B	tail wheel bushings only	\$6.29	Each	1
LG-10	tail wheel assy XL w/5" wheel			
LG-10A	tail wheel 5"			
TW-1L	tail wheel bracket, left side	\$5.96	Each	1
TW-1R	tail wheel bracket, right side	\$5.96	Each	1
<b>WHEELS &amp; TIRES, NOSE &amp; MAINS</b>				
1053-	wheel, 4" nylon	\$34.88	Each	
1057-	wheel, 5" nylon	\$46.96	Each	
1072-	wheel, 6" nylon	\$56.40	Each	
1125-	wheel, 6" aluminum (T-S)	\$64.08	Each	
1179-	wheel, 5" aluminum (T-S)	\$47.45	Each	
1214-	tire w/tube, 4"	\$35.84	Each	
1246-	tire w/tube, 5" (nylon & alum.)	\$42.00	Each	
1218-	tire w/tube, 6" (nylon wheel)( UL plane only)	\$47.96	Each	
1250-	tire w/tube, 6" aluminum (T-S)	\$49.85	Each	
7128-	tube only, 4"	\$12.30	Each	
7132-	tube only, 5"	\$11.52	Each	
7133-	tube only, 6" (410/350x6") (used with 6" wheel pants)	\$12.05	Each	
7014-	tire only, 4"	\$23.86	Each	
7168-	tire only, 5"	\$30.91	Each	
7018-2	tire only, 6" (1300x500x6) (used with 6" wheel pants)	\$40.51	Each	
8206-	wheel bearing, 5/8" precision	\$9.67	Each	

part number	description	Price	unit	Qty per A/C
<b>FIBERGLASS PARTS:</b>				
<b>Nose Cone</b>				
NC-100	nose cone, 1P w/hdwr	\$427.61	Each	1
NC-003	nose cone, 1P cone only	\$354.60	Each	1
NC-200	nose cone, 2P w/hdwr	\$494.21	Each	1
NC-004	nose cone, 2P cone only	\$421.20	Each	1
NC-001	nose cone pedal stop set	\$49.04	Each	1
NC-002	nose cone hdwr only	\$73.01	Each	1
NC-005	nose cone top angle plate	\$13.52	Each	1
NC-006	nose cone flat plates 6 x 11	\$8.33	Each	2
NC-100-K	nose cone retro kit, 1P. w/hdwr	\$551.80	Each	1
NC-200-K	nose cone retro kit, 2P. w/hdwr	\$551.80	Each	1
NC-200-L	nose cone longer style, 2P. cone only	\$457.00	Each	1
<b>3PC GAP COVER</b>				
FGC-100	fuselage gap cover, 3pcs. (503 engines)	\$365.40	SET	1
FGC-200	fuselage gap cover 2pcs (582 engines)	\$212.40	SET	1
FGC-001-F	fuselage gap cover, front section (503 & 582)	\$133.20	Each	1
FGC-001-M	fuselage gap cover, middle section (503)	\$54.00	Each	1
FGC-001-R	fuselage gap cover, rear section (503)	\$178.20	Each	1
FGC-003-M	fuselage gap cover, longer rear section (582)	\$79.20	Each	1
FGC-002	fuselage gap cover edging	\$2.57	FT.	11'
<b>WING TIPS</b>				
WT-001-L	fiberglass wing tip Left (requires BT-200)	\$181.80	Each	1
WT-001-R	fiberglass wing tip Right (requires BT-200)	\$181.80	Each	1
WT-R	fiberglass wing tip filler rib	\$6.59	Each	2
<b>GEAR LEGS</b>				
LSS-GLF-1	fiberglass gear leg fairings, specif left or right	\$106.26	Each	
LSS-GLF	fiberglass gear leg fairing set	\$212.52	Set	
<b>WHEEL PANTS</b>				
WP-5	wheel pant- 5"	\$136.80	Each	3
WP-500	wheel pant set, 5" (set of three w/hdwr)	\$516.29	Each	1
WP-6	wheel pant- 6"	\$151.20	Each	2
WP-600	wheel pant set, 6" (set of 2-6" & 1- 5" w/hdwr)	\$544.01	Each	1
WP-700	wheel pant set, 6" (set of 3-6" w/hdwr)	\$557.87	Each	1
WP-001	wheel pant hdwr only (new style)	\$24.31	Each	1
WP-001-OS	wheel pant hdwr only (old style)	\$24.31	Each	1
WP-002	wheel pant brkt (gear leg)(old style)	\$3.73	Each	2
WP-003	wheel pant spacer, nose (pvc)	\$1.37	Each	2
WP-004	wheel pant bolt, nose wheel	\$3.42	Each	1
WP-005	wheel pant clamp (old style)	\$7.24	Each	2
WP-006	wheel pant mounting plate, alum. (new style)	\$4.53	Each	2

part number	description	Price	unit	Qty per A/C
<b>BRAKE KITS AND RELATED HARDWARE:</b>				
BRK-100	brake set with axle assy.s, ( ) style	\$443.10	Set	1
BRK-HH	hegar hydraulic brakes with 6" alum. wheels & tires	\$1,130.75	Set	1
BRK-001	brake axle weldment, ( ) style-- discontinued			
BRK-002	brake drum, (fits left or right)	\$20.58	Each	2
BRK-003L	brake shoe plate, left side	\$56.34	Each	1
BRK-003R	brake shoe plate, right side	\$56.34	Each	1
BRK-004	brake shoe set, (2 sets per a/c) ( 4" )	\$19.01	Set	2
BRK-005	brake shoe plate spring-- old style	\$6.93	Each	2
BRK-006	brake cable set (w/handle)	\$76.87	Each	1
BRK-007	brake cable hand lever only	\$42.31	Each	1
BRK-008	brake cable only w/o housing	\$13.98	Each	2
BRK-009	brake cable w/housing	\$21.32	Each	2
BRK-010	brake cable bolt drilled w/nut	\$3.99	Each	2
BRK-011	brake bolt, STD (2 1/2" - SHCS)	\$0.48	Each	6
BRK-012	brake bolt, H-S (4"- SHCS)	\$2.27	Each	6
BRK-013	brake bolt, T-S (4 1/2"- SHCS)	\$3.19	Each	6
BRK-014	cable compression spring (2per set of brakes)( Old Style)	\$1.34	Each	2
BRK-015	brake cable housing only	\$12.28	Each	2
BRK-016	brake floater bushing	\$3.82	Each	6
BRK-017	brake lever cable retainer	\$5.08	Each	1
BRK-018	brake shoe spring	\$2.54	Each	2
BRK-019	brake actuator arm, specify left or right	\$1.56	Each	2
BRK-2387	brake cable adjustor bolt	\$3.08	Each	2
BRK-HGR	hegar hydraulic brake package w/ 6" alum. wheels	\$1,130.75	Each	
BRK-001-LSS	hegar axles w/ key & 5/8" nyloc nut	\$19.76	Each	
BRK-002-LSS	hegar 6" alum. wheel	\$98.95	Each	1
BRK-003-LSS	hegar 6" alum. wheel, front fork	\$120.95	Each	2
<b>DOOR KITS, DOOR PARTS, AND DOOR LEXAN:</b>				
DR-100	door kit, 1P (standard or cw) Clear lexan	\$430.65	Each	1
DR-100-T	door kit, 1P (standard or cw) Tinted lexan	\$546.32	Each	1
DR-101	wrap around windshield kit, 1P, Clear lexan	\$251.56	Each	1
DR-101-T	wrap around windshield kit, 1P Tinted lexan	\$378.61	Each	1
DR-200	door kit w/hdwr, 2P STD, Clear lexan	\$754.68	Each	1
DR-200-T	door kit w/hdwr, 2P STD., Tinted lexan	\$881.73	Each	1
DR-200X	door kit w/hdwr, 2P CW, Clear lexan	\$660.34	Each	1
DR-200X-T	door kit w/hdwr, 2P CW, Tinted lexan	\$787.39	Each	1
DR-201	wrap around windshield kit, 2P STD. Clear lexan	\$251.56	Each	1
DR-201-T	wrap around windshield kit, 2P STD. Tinted Lexan	\$378.61	Each	1
DR-201X	wrap around windshield kit, 2P CW Clear lexan	\$251.56	Each	1
DR-201X-T	wrap around windshield kit, 2P CW Tinted lexan	\$378.61	Each	1
DR-001	door hardware only, 2P	\$116.04	Each	1
D-001	door hinge w/pin	\$3.61	Each	4 - 6
D-001-A	door hinge pin only	\$1.09	Each	4 - 6
D-002	bungee hook (alum.)	\$2.25	Each	2

part number	description	Price	unit	Qty per A/C
D-003	door top center bracket (alum.)	\$2.25	Each	1
D-004	door open bracket (alum.) (old style)	\$2.25	Each	2
D-005	door open latch (nylon) (old style)	\$2.97	Each	2
D-004-L	door open folding support, left (new style)	\$8.29	Each	1
D-004-R	door open folding support, right (new style)	\$8.29	Each	1
D-004-L-A	door open folding support assy., left (new style)	\$16.82	Each	1
D-005-R-A	door open folding support assy., right (new style)	\$16.82	Each	1
D-006	door close latch (nylon)	\$2.97	Each	2
D-007	door bungee w/adel clamps	\$3.27	Each	2
D-TF	door top frame, 1P	\$26.53	Each	1
2D-TF	door top frame, 2P	\$38.88	Each	1
D-1-6L	door frame parts, 2P left undrilled (specify STD or CW)	\$72.86	Each	1
D-1-6R	door frame parts, 2P right undrilled (specify STD or CW)	\$72.86	Each	1
D-W1L	windshield frame bow,Lt(specify 1P,2P STD or 2P CW)	\$9.97	Each	1
D-W1R	windshield frame bow,Rt?(specify 1P,2P STD or 2P CW)	\$9.97	Each	1
DFT-1	door frame tube #1, 1P	\$7.66	Each	2
DFT-2	door frame tube #2, 1P	\$6.22	Each	2
DFT-3	door frame tube #3, 1P	\$6.96	Each	2
DFT-4	door frame tube #4, 1P	\$8.23	Each	2
2DFT-1	door frame tube #1, 2P	\$11.20	Each	2
2DFT-2	door frame tube #2, 2P	\$8.53	Each	2
2DFT-3	door frame tube #3, 2P	\$7.40	Each	2
2DFT-4	door frame tube #4, 2P	\$7.55	Each	2
2DFT-5	door frame tube #5, 2P- L5	\$7.14	Each	2
2DFT-6	door frame tube #6, 2P- L6	\$9.31	Each	2
DG-001	door gusset	\$2.25	Each	2
DG-002	door gusset	\$2.25	Each	4
DG-003	door gusset	\$2.25	Each	2
DG-004	door gusset	\$2.25	Each	2
DG-005	door gusset	\$2.25	Each	6
LX-TOP	lexan top frame cover, 1P (specify left or right)	\$10.67	Each	2
2LX-TOP	lexan top frame cover, 2P (specify left or right)	\$16.78	Each	2
<b>CUSHIONS,BELTS,SHOULDER HARNESS:</b>				
SB-1	seat belt --all models--	\$48.71	Each	1 - 2
SH-1	shoulder harness w/hdwr -- all models --	\$57.75	Each	1 - 2
SEAT-001	seat-sling bottom for UL			
The seat parts below are for the new style since 1997. Send photo for older models so we can match.				
SEAT-002	seat cover assembly	\$45.00	Each	1 or 2
SEAT-003	seat cushions- back & seat	\$21.78	Each	1 or 2
SEAT-004	seat cover assembly w/logo	\$85.00	Each	1 or 2
<b>SAILCLOTH WING COVERING</b>				
GSLS-1CH	wing sail set, 1P (Dacron, specify color)	\$1,683.00	Each	1
GSLS-2CH	wing sail set, 2P (Dacron, specify color)	\$1,715.00	Each	1

part number	description	Price	unit	Qty per A/C
<b>STITS FABRIC-WINGS, FUSELAGE, &amp; TAIL</b>				
ST-100	pre-cut fuselage fabric, 1P	\$170.64	Set	1
ST-101	bottom piece, 1P	\$36.81	Each	1
ST-102	left or right rear piece, 1P	\$49.72	Each	2
ST-103	left or right front piece, 1P	\$40.50	Each	2
ST-104	top of nose piece, 1P	\$9.14	Each	1
ST-200	pre-cut fuselage fabric, 2P	\$184.02	Set	1
ST-201	bottom piece, 2P	\$46.02	Each	1
ST-202	left or right rear piece, 2P	\$52.21	Each	2
ST-203	left or right front piece, 2P	\$46.02	Each	2
ST-204	top of nose piece, 2P	\$11.00	Each	1
ST-300	pre-sewn tail sock set, less dorsal fin	\$227.03	Set	1
ST-300-LS	tail fabric set, light sport plane only, less dorsal fin	\$277.62	Set	1
ST-300-CS	tail fabric set, New style (XL,XS), less dorsal fin	\$260.29	Set	1
ST-300-UK	tail fabric set, UK, less dorsal fin	\$290.49	Set	1
ST-301	stab sock	\$48.90	Each	2
ST-302	elevator sock	\$44.19	Each	2
ST-303	rudder sock	\$44.19	Each	1
ST-303-LS	rudder fabric, pre-cut--light sport plane only--	\$50.50	Each	1
ST-303-UK	rudder sock, UK ( taller version of Std. rud. )	\$53.04	Each	1
ST-300-CS	rudder sock, XS/XL style	\$49.05	Each	1
ST-304	vertical fin sock	\$44.19	Each	1
ST-304-LS	vertical fin fabric, pre-cut-- light sport plane only--	\$55.74	Each	1
ST-304-UK	vertical fin sock, UK ( taller version of Std. v. fin )	\$53.04	Each	1
ST-304-CS	vertical fin sock, XS/XL style	\$55.74	Each	1
ST-305	dorsal fin sock	\$24.07	Each	1
ST-305-UK	dorsal fin sock, UK ( taller version of Std. d. fin )	\$27.54	Each	1
ST-306	aileron fabric- pre-cut	\$46.88	Each	2
ST-400	wing fabric 1P & 2P STD. (both wings)	\$254.91	Set	1
ST-400X	wing fabric 1P & 2P CW (both wings)	\$238.14	Set	1
SF-104X	1.8oz fabric	\$17.95	YD.	
ST-RT	3/4" reinforcing tape	\$45.20	Each	1
ST-ST	2" seam tape (50yds)	\$45.99	Each	1
PT-QT	Poly-Tak cement, quart (Drop ship only)	\$0.00	Each	1
MEK-QT	MEK, quart (Drop ship only)	\$0.00	Each	1
SF-104X	1.8 oz. aircraft fabric 70" wide	\$17.95	YD.	
<b>MOTOR MOUNTS KITS:</b>				
MM-100	motor mount Basic Kit		Each	1
MM-001	motor Lord mount Kit w/hdwr 503		Each	1
MM-002	motor Lord mount Kit w/hdwr 582		Each	1
MM-003	motor mount plate 503/582		Each	1
MM-004	motor mount hdwr only 503		Each	1
MM-005	motor mount hdwr only 582			
MM-1	motor mount angles		Each	2
MM-2	motor mount spacers		Each	2

part number	description	Price	unit	Qty per A/C
MM-3	motor mount lord mounts	\$14.75	Each	6 - 8
<b>EXHAUST AND PARTS:</b>				
MFB-503	muffler bracket w/hdwr (503)	\$112.74	Each	1
MFB-447	muffler bracket w/hdwr (447)	\$112.74	Each	1
MFB-004	muffler brkt. hdwr set (rotax)	\$14.82	Set	1
MFB-005	muffler rubber grommet set	\$5.31	Set	1
M8X35	8x35 bolt(muffler mount/rotax head bolt)	\$1.53	Each	2
8316-	muffler grommet, female	\$0.70	Each	2
9406-	muffler grommet, male	\$2.28	Each	2
MFB-582	muffler bracket w/hdwr (582)	\$173.25	Each	1
<b>REDUCTION DRIVE &amp; PARTS</b>				
HTD-100R	Reduction Drive Rotax, complete w/belt	\$1,617.00	Each	1
HTD-001	drive top pulley w/bearings ( 78 teeth )	\$395.00	Each	1
HTD-002	drive top pulley bearing	\$27.72	Each	4
HTD-003	drive top pulley snap ring	\$3.36	Each	2
HTD-004	drive top pulley shaft	\$68.15	Each	1
HTD-005	drive thrust spacer (top pulley)	\$31.19	Each	1
HTD-006	drive, prop hub 75MM-5/16"	\$85.70	Each	1
HTD-007	drive, prop hub mounting bolt	\$0.58	Each	6
HTD-008	drive, prop plate 75mm-5/16"	\$22.76	Each	1
HTD-009A	drive, bottom pulley, New Style 30 teeth ( bolt on rings )	\$287.75	Each	1
HTD-009-B	drive, bottom pulley ring (bolt on)	\$26.22	Each	2
HTD-010	drive bottom pulley bolt	\$2.08	Each	1
HTD-011	drive, thick washer (bottom pulley)	\$15.60	Each	1
HTD-012	drive, adjustor bracket	\$42.74	Each	1
HTD-013	drive, adjustor brkt. bolt	\$0.48	Each	1
HTD-014	drive, 3/8 jam nut (adj.brkt.)	\$0.18	Each	1
HTD-015R-NS	drive tower, Rotax 447/503, w/spacer incorprated(08/02)	\$335.42	Each	1
HTD-016R	drive tower mount bolt, 447/503	\$1.14	Each	8
HTD-018	drive tower, Rotax 277	\$259.18	Each	1
HTD-019	drive tower mount bolt, 277	\$0.99	Each	4
HTD-020	drive, prop bolt 5/16 x 3 1/4	\$5.08	Each	6
HTD-021	drive, prop bolts - set of 6	\$48.60	Each	1
HTD-022	exhaust clamps, LSS ( set of 2)	\$132.83	Set	1
HTD-1-12	1"-12 castle nut, grade 5 zinc (shaft)	\$12.38	Each	1
HTD-640	Cog belt (Rotax 2.1/1 drives)	\$112.62	Each	1
HTD-720-GT-2	Cog belt (Rotax 2.2/1 drives)	\$124.17	Each	1
HTD-800	Cog belt (Hirth 2.2/1 drives)	\$88.94	Each	1
HTD-920	Cog Belt (some 1994 Rotax drives)	\$120.70	Each	1
HTD-960-GT3	Cog belt (Rotax 2.6/1 drive, produced after 1994/95)	\$129.70	Each	1
<b>STARTERS:</b>				
GPL	electric starter-- 582 only--	\$1,170.70	Each	
QCU-STARTER	electric starter -- 447 & 503 only --	\$814.28	Each	

part number	description	Price	unit	Qty per A/C
	<b>PARTS LISTED BELOW ARE FOR QCU STARTER ONLY</b>			
SMB-100	starter motor mount bracket	\$153.85	Each	1
SM-748	starter motor, QCU STARTER ONLY	\$149.95	Each	1
M8x1.25x80mm	bolt, flat head, countersunk, socket cap	\$13.06	Each	3
2"x3/8x16	bolt, hex head, grade 8	\$6.22	Each	2
GL-4-24	grounding lead, 4 gauge, 24"	\$7.90	Each	2
PL-4-11	power lead, 4 gauge, 11' red	\$43.45	Each	1
866 080	rectifier / regulator	\$80.80	Each	1
NGK-B8ES	spark plug	\$5.87	Each	2
PL-4-3	power lead, 4 gauge, 3' red	\$13.85	Each	1
CC-R	insulated cable end caps, red	\$3.85	Each	4
CC-B	insulated cable end caps, black	\$3.85	Each	2
FH-001	fuse holder, less fuse (15amp)	\$5.20	Each	1
SFW-001	starter fly wheel gear, large	\$103.95	Each	1
12-120	solenoid	\$53.13	Each	1
866 080	rectifier / regulator	\$80.80	Each	1
516-8MM	copper lugs	\$1.98	Each	8
68-7800	starter brush's ( qcu starter )	\$17.91	Each	1
<b>INSTRUMENTS:</b>				
TACH-T	tachometer, digital- Tini Tach (dash mount)	\$85.47	Each	1
IN-1	Instrument Panel, wood 1pl w/hrdwr	\$16.76	Each	1
IN-2	Instrument Panel, wood 2pl w/hrdwr	\$18.22	Each	1
IN-1A	Instrument Panel hardware only			
IN-3	instrument panel ,alum XL w/hrdwr	\$173.25	Each	1
IN-3A	Instrument panel XL hardware only			
IN-4	Instrument panel, alum XL w/ ESI cutout w/hrdwr			
IN-5	Instrument panel, alum XL blank			
IGN-SWITCH	ignition switch w/ start position	\$195.50	Each	1
IGN-WIRE	ignition switch wire w/connectors			
QCU-FG	fuel gauge with sender, 24" bendable		Each	1
QCU-FG-G	fuel gauge only, 5V input		Each	1
QCU-FG-S	fuel gauge sender only, 24" bendable		Each	1
QCU-FG-XL	dual fuel gauge w / sender, 12" bendable ( wing tanks)		Each	1
QCU-FG-G-XL	dual fuel gauge only, 5V input (wing tanks)		Each	1
QCU-FG-S-XL	fuel gauge sender only,12"bendable,5V output(wing tanks)		Each	2
QCU-GAS-XL	gascolator / filter w/ quick drain	\$177.71	Each	1
QCU-EXTEN	extension cable,4 conductor, 8'	\$19.00	Each	1
QCU-EXTEN-10	extension cable,4 conductor, 10'	\$26.27	Each	1
<b>AN HARDWARE:</b>				
AN3-5	Bolt, 3/16"	\$0.65	Each	
AN3-6A	bolt, 3/16"	\$0.33	Each	
AN3-7A	bolt, 3/16" (pedal control horn)	\$0.14	Each	
AN3-10	bolt, 3/16" (double ail. pulley)	\$0.61	Each	0 - 2
AN3-14A	bolt, 3/16" (stab fin mod)(nose fork)	\$0.53	Each	4
AN3-16	bolt, 3/16" (elev. bellcrank)	\$0.81	Each	2 - 2
AN3-17	bolt, 3/16" (cont. stick to turnbuckle)	\$0.85	Each	1 - 2

part number	description	Price	unit	Qty per A/C
AN3-23A	bolt 3/16" (rear wing strut bracket)	\$0.74	Each	4 - 4
AN3-24A	bolt 3/16" (front wing strut bracket)	\$0.77	Each	6 - 8
AN3-26A	bolt 3/16" (starter, fly wheel to bottom pulley)	\$0.77	Each	6
AN3-36	bolt 3/16" (rudder cable to pedal)	\$4.72	Each	2 - 2
AN4-4A	bolt, 1/4" (wheel pants, brakes)	\$0.54	Each	8
AN4-7	bolt (ail. & idler pulleys)	\$0.67	Each	5 - 8
AN4-7A	bolt (ball joints)	\$0.67	Each	8 - 12
AN4-10A	bolt (axle weldment w/wheel pants)	\$0.47	Each	2 - 2
AN4-14	bolt (stab attach bracket)	\$0.98	Each	5 - 5
AN4-14A	bolt, 1/4"	\$0.59	Each	2 - 8
AN4-15A	bolt (stab brackets to vertical fin)	\$0.59	Each	2 - 2
AN4-16	bolt (controls, thru ss u-bracket)	\$1.10	Each	5 - 8
AN4-16A	bolt (1" rony, lord mounts)(DT)	\$1.04	Each	7 - 19
AN4-17A	bolt (bottom landing gear leg)	\$0.67	Each	2 - 2
AN4-20	bolt (controls)	\$0.94	Each	0 - 2
AN4-20A	bolt (top landing gear leg)	\$0.70	Each	3 - 3
AN4-22	bolt ( replaced by AN4-23 for strut u-brkt's.)	\$1.24	Each	4 - 6
AN4-23	bolt (strut to fuselage u-brkt) ( replaces AN4-22)	\$1.47	Each	4 - 4
AN4-24A	bolt (strut to fuselage u-brackets)(drag cable)	\$1.45	Each	12 - 16
AN4-25	bolt (flaperons)	\$1.76	Each	3 - 3
AN4-26	bolt (wing spar to fuselage u-bracket)	\$1.82	Each	4 - 4
AN4-26A	bolt (u-brkt to root tube)	\$1.78	Each	2 - 2
AN4-27A	bolt	\$1.49	Each	
AN4-36	bolt (aileron bellcrank)	\$3.05	Each	1 - 1
AN5-25A	bolt (shoulder harness attach)	\$1.31	Each	1 - 2
AN5-50A	bolt (DT to root tube)	\$11.74	Each	4 - 5
AN5-52	bolt (2P rear pedals)	\$16.10	Each	0 - 2
AN5-52A	bolt (motor mount-root)	\$15.66	Each	3 - 3
AN525-832R10	bolt, screw type (lord mounts)	\$0.27	Each	32 - 32
AN525-10R10	bolt, screw type (heel cup)	\$0.28	Each	8 - 12
AN525-10R14	bolt, screw type (thru UB's)	\$0.37	Each	17 - 17
AN525-10R16	bolt, screw type (jury strut)	\$0.41	Each	2 - 2
AN525-10R20	bolt, screw type (EMP-7)	\$0.55	Each	10 - 10
AN525-10R24	bolt, screw type (FG-W1A)(DT)	\$0.61	Each	20 - 21
AN43B-14A	eyebolt (vert. fin)	\$16.06	Each	1 - 1
AN43B-24A	eyebolt (drag cables)	\$25.77	Each	2 - 2
AN365-832	nut, 5/32" nyloc (lord mount)	\$0.35	Each	32 - 32
AN365-1032	nut, 3/16" nyloc (screw bolt)	\$0.24	Each	57 - 72
AN365-428	nut, 1/4" nyloc	\$0.30	Each	28 - 42
AN365-524	nut, 5/16" nyloc	\$0.40	Each	9 - 10
AN363-428	nut, 1/4" hi temp lock nut	\$0.61	Each	1 - 3
AN316-4	nut, 1/4" jam (ball joints)	\$0.51	Each	4 - 4
AN364-428	nut, 1/4" thin nyloc	\$0.30	Each	2 - 4
AN310-3	nut, 3/16" castle	\$0.91	Each	3 - 6
AN310-4	nut, 1/4" castle	\$1.64	Each	18 - 23
AN310-5	nut, 5/16" castle	\$1.28	Each	0 - 2



part number	description	Price	unit	Qty per A/C
AN960-10	washer, AN 3/16"	\$0.24	Each	12 - 16
AN960-416	washer, AN 1/4"	\$0.09	Each	20 - 42
AN960-516	washer, AN 5/16"	\$0.10	Each	2 - 2
AN960-816	washer, AN (frt. rudder pedal)	\$0.25	Each	2 - 4
AN960-1016	washer, AN 5/8" (LG-2'S)	\$0.30	Each	8 - 8
AN960-1616	washer, 1" AN (drive shaft)	\$0.81	Each	1
AN970-3	washer, 3/16 large area, stab fin mod	\$0.31	Each	
AN970-4	washer, 1/4" large area	\$0.52	Each	
AN970-5	washer, 5/16" large area	\$0.51	Each	2 - 4
AN100-C3	thimble (control & drag cable)	\$0.65	Each	18 - 20
AN115-21	shackle (rudder & ail. cable)	\$17.19	Each	10 - 4
AN393-13	clevis pin	\$1.29	Each	14 - 20
AN393-19	clevis pin	\$0.77	Each	10 - 10
AN416-2	safety pin (clevis & castle)	\$0.89	Each	27 - 34
AN742D-3	adel clamp (nylaflow)	\$0.61	Each	10 - 17
AN742D-4	adel clamp ( 2P throttle interconnect)	\$0.85	Each	0 - 2
AN380-2-4	cotter pin (castle nut)	\$0.06	Each	27 - 28
AN130-8S	turn buckle (rudder cable)	\$67.86	Each	2 - 2
AN140-8S	turn buckle (aileron cable)	\$65.34	Each	2 - 4
AN111-3	bushing (throttle cable)	\$2.37	Each	1 - 1
AN490-HT8P	rod end (aileron & flaperon pushrod)	\$18.61	Each	3 - 3
<b>CHALLENGER DECALS ETC. :</b>				
DEC-L	decal- large (Challenger) 24"	\$16.20	Each	
DEC-S	decal- small (Challenger) 12" two supplied w/each kit	\$10.80	Each	2
DEC-M	decal-mini (Challenger Pilot) 6"	\$5.40	Each	
DEC-EXP	decal-EXPERIMENTAL 2" x 24"	\$5.40	Each	
HAT	Challenger ball cap, when available		Each	1
<b>HARDWARE KITS</b>				
SS-LR	spar & strut hdwr, less Ronys	\$31.02	Each	1
SS-LR-HL	spar & strut hdwr, less Ronys w/ heavy load saddle kit	\$31.02	Each	1
S1-HDWR	Sect.I HDWR Bag	\$200.40	Each	1
S1-HDWR-BN	Sect.I HDWR ONLY (bolts, nuts, etc.)	\$40.81	Each	1
S1-RONY-BN	Sect.I RONY HDWR(bolts,nuts,etc.),rony not included	\$23.24	Each	1
S2-HDWR	Sect.II HDWR Bag	\$153.48	Each	1
SF-HDWR	Superflite HDWR Bag, 2P. STD. only	\$297.40	Each	1
SP-SM	Spares kit-small	\$18.79		
SP-MD	Spares kit-medium	\$53.84		
SP-LG	Spares kit-large	\$105.53		
HL-100	Heavy load saddle kit	\$92.03	Set	1
HNG-100	hinge assy. complete	\$12.34	Each	6
<b>SPECIAL ULTRALIGHT TYPE HARDWARE:</b>				
HL-101	saddle square aluminum ( fits 2" dia. tube w/ 1/4" hole)	\$14.40	Each	4
HL-102	saddle round aluminum ( fits 2" dia. tube w/ 1/4" hole)	\$12.60	Each	4

part number	description	Price	unit	Qty per A/C
ST-16F	stainless flat tang (1P rudder pedal, CW style jury struts)	\$1.25	Each	16
ST-16L	stainless L-bracket (elev/rud hinge, CW style jury struts)	\$2.18	Each	44
PW-4	washer, nylon (stab bracket spacer)(black)	\$0.41	Each	4
LSR	lg. safety ring (tail hinge)	\$1.46	Each	8
T2-FAT	stainless tang (drag cables)	\$2.26	Each	2
WP-23	nylon wear strip (fuselage cross tubes)	\$1.91	Each	2
3246-	clevis fork, alum. (control pushrods)	\$6.55	Each	10 - 6
3675-	poly tip (wing rib stays)	\$0.74	Each	44
3742-	u-bracket, S.S. (control stick)	\$7.03	Each	5 - 10
4119-	end cap, 2" sq. (root tube)	\$6.29	Each	1
4350-	saddle, nylon 1" x 5/16" hole (down tubes)	\$2.70	Each	27 - 32
4352-	saddle, nylon 1" x 1/4" (controls)	\$3.36	Each	12 - 20
4365-	tubing connector (FB-11 & FB-10)	\$3.36	Each	3
4372-	threaded insert (FB-11 & FB-10)	\$3.19	Each	2
EC-1	end cap 1" (control stick, DT1, FB10)	\$0.94	Each	4 - 5
EC-7	end cap 1 5/8" (outer lift strut)	\$1.28	Each	4
EC-9	end cap 1 7/8" (rear of longeron)	\$1.42	Each	2
S-84	1 5/8" saddle (lift strut)	\$1.41	Each	8
SOS-1	lexan spacer (aileron bellcrank)	\$1.52	Each	2
CS-84	bellcrank, aileron control	\$10.40	Each	2
CS-84D	bellcrank, differential (aileron)	\$14.96	Each	2
SS-EB	bellcrank, elevator control (elev. prod/FB11)	\$7.94	Each	2
CP-5	bushing, plastic (cable-pedal)	\$1.38	Each	
936-	White nylon pulley (idler pulley)	\$4.54	Each	1
RONY-1	u-bracket anodized alum. 1" (CT's)	\$27.10	Each	4 - 8
RONY-158	u-bracket anodized alum. 1 5/8" (lower lift strut atch brkt.)	\$27.10	Each	4
RONY-2	u-bracket anodized alum. 2" (wing spar attach brkt.)	\$27.10	Each	4
RONY-78	u-bracket anodized alum. 7/8" (stab attach brkt.)	\$27.10	Each	4
<b>( Rony brackets are black anodized 7075-T6 aluminum)</b>				
<b>RIVETS:</b>				
				per 100
SSD42SSBS	1/8 stainless steel rivet (short) = 1/8" grip-typical	\$0.15	Each	9 - 12
SSD44SSBS	1/8 stainless steel rivet (long) = 1/4" grip-typical	\$0.17	Each	5 - 7
SSD52SSBS	5/32 stainless steel rivet replaces oversize 1/8 holes	\$0.37	Each	
SSD54SSBS	5/32 stainless steel rivets replaces oversize 1/8 holes	\$0.37	Each	
SSD62SSBS	3/16 Stainless steel rivet(short) = 1/8" grip-typical	\$0.18	Each	
SSD64SSBS	3/16 Stainless steel rivet(short) = 1/4" grip-typical	\$0.20	Each	
AD42ABS	1/8" aluminum rivet (short)	\$0.06	Each	5
AD44ABS	1/8" aluminum rivet (long)	\$0.06	Each	5
AD42ABSLF	1/8" aluminum large flange rib rivet(for fabric wing)	\$0.12	Each	3 - 4
AD62ABS	3/16" aluminum rivet (for CW style jury struts)	\$0.14	Each	1
AD64ABS	3/16" aluminum rivet (tail hinges & CW style jury struts)	\$0.11	Each	1 - 1.3
<b>MISCELLANEOUS HARDWARE:</b>				
LAW-112	washer, 1/4 x 1 1/2" SS	\$0.47	Each	14
LAW-114	washer, 1/4 x 1 1/4" SS	\$0.47	Each	3 - 6

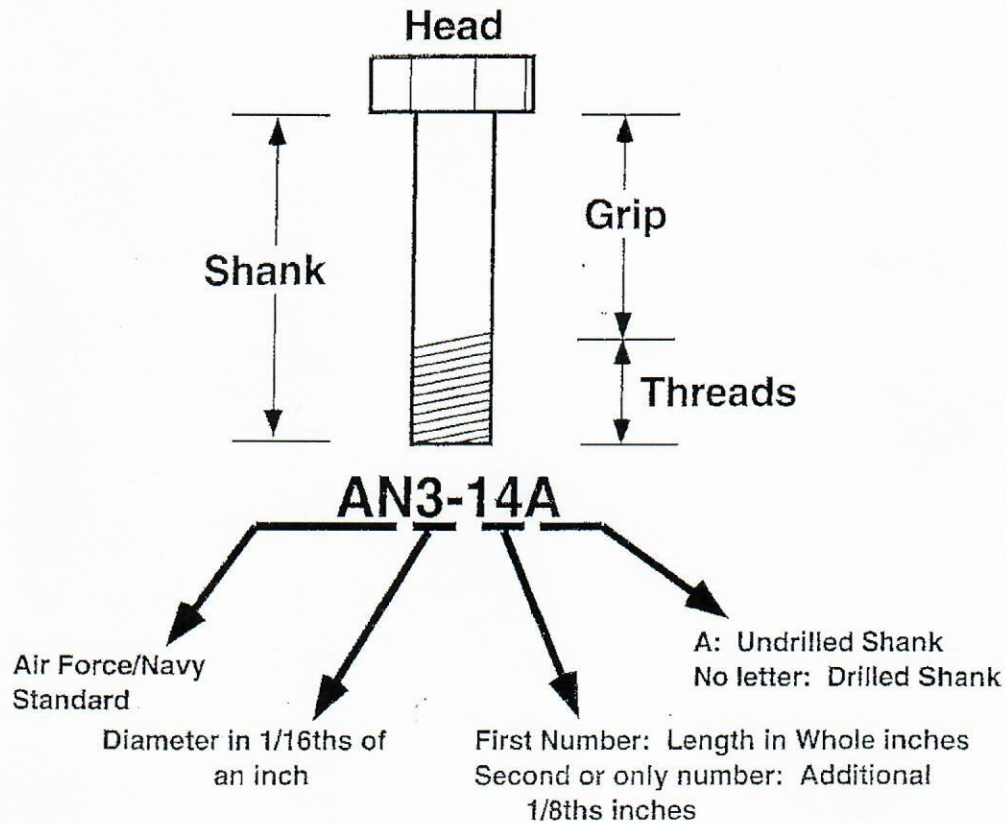
part number	description	Price	unit	Qty per A/C
2361-	wire swivel (throttle)	\$0.94	Each	0 - 2
FW-25	washer, zinc 1/4"	\$0.09	Each	5 - 6
FW-516	washer, zinc 5/16" (DT-RT)	\$0.11	Each	8 - 14
LG-CPIN	cotter pin, zinc 1/8" (drive)	\$0.33	Each	1 - 3
D6102	never kinks (gear leg drag cable)	\$1.21	Each	4
WNW-25	washer white nylon 1/4" (flaperons)	\$0.18	Each	14
S-10	heel cups (rudder pedals)	\$8.09	Each	2 - 4
SAE-75	bolt, 1/4x28x3/4, grade 8 (lg-2') --discounted 4/97 --	\$0.26	Each	
SAE-1.5	bolt, 1/4x28x1 1/2 (hirth muffler)	\$0.70	Each	
SAE-2	bolt, 1/4x28x2 (tail & muffler bracket)	\$0.75	Each	3
SAE-2-13	bolt, 1/2x13x2 (hirth motor mount plate)	\$1.35	Each	
HC-114	s.s. hose clamp (nose gear carrier)	\$1.49	Each	2
HC-34	s.s. hose clamp (nose gear carrier)	\$1.49	Each	2
HC-FL	s.s. hose clamp (fuel line)	\$1.14	Each	12
M10X40	sckt head cap bolt (hirth 2.2/1 reduction tower)	\$0.98	Each	
LW-12	washer, 1/2" lock type	\$0.14	Each	2 - 4
SNAP-B	snap button	\$0.20	Each	2 - 4
SNAP-F	snap, female socket	\$0.20	Each	2 - 4
SNAP-M	snap, male	\$0.17	Each	2 - 4
3/8-24 x 7"	grade 8 bolt ( new nose fork )	\$4.41	Each	1
3/8-24	nyloc nut ( new nose fork bolt)	\$0.23	Each	1
3306S	nylon fuel line clamp	\$0.15	Each	
28-1-C	nico-press ( 1/16 control cable)	\$0.41	Each	20 - 28
28-2-G	nico-press ( 3/32 drag cable)	\$0.58	Each	8 - 8
28-3-M	nico-press ( 1/8 gear leg cable)	\$0.85	Each	8 - 8
NF-4	ball joint (control pushrods)	\$9.98	Each	7 - 7
NF-400	ball joint assy. (w/nut, bolt, washers & etc..)	\$11.22	Each	
2700-	cable bushing aluminum (landing gear cables)	\$2.18	Each	4 - 4
QCU-PUL	Pulley- Aileron Cables Phenolic	\$34.74	Each	8
2322-	cable housing (2P throttle interconnect)	\$3.19	FT.	

# KITPLANES

## ShopSheet

By Ron Wanttaja

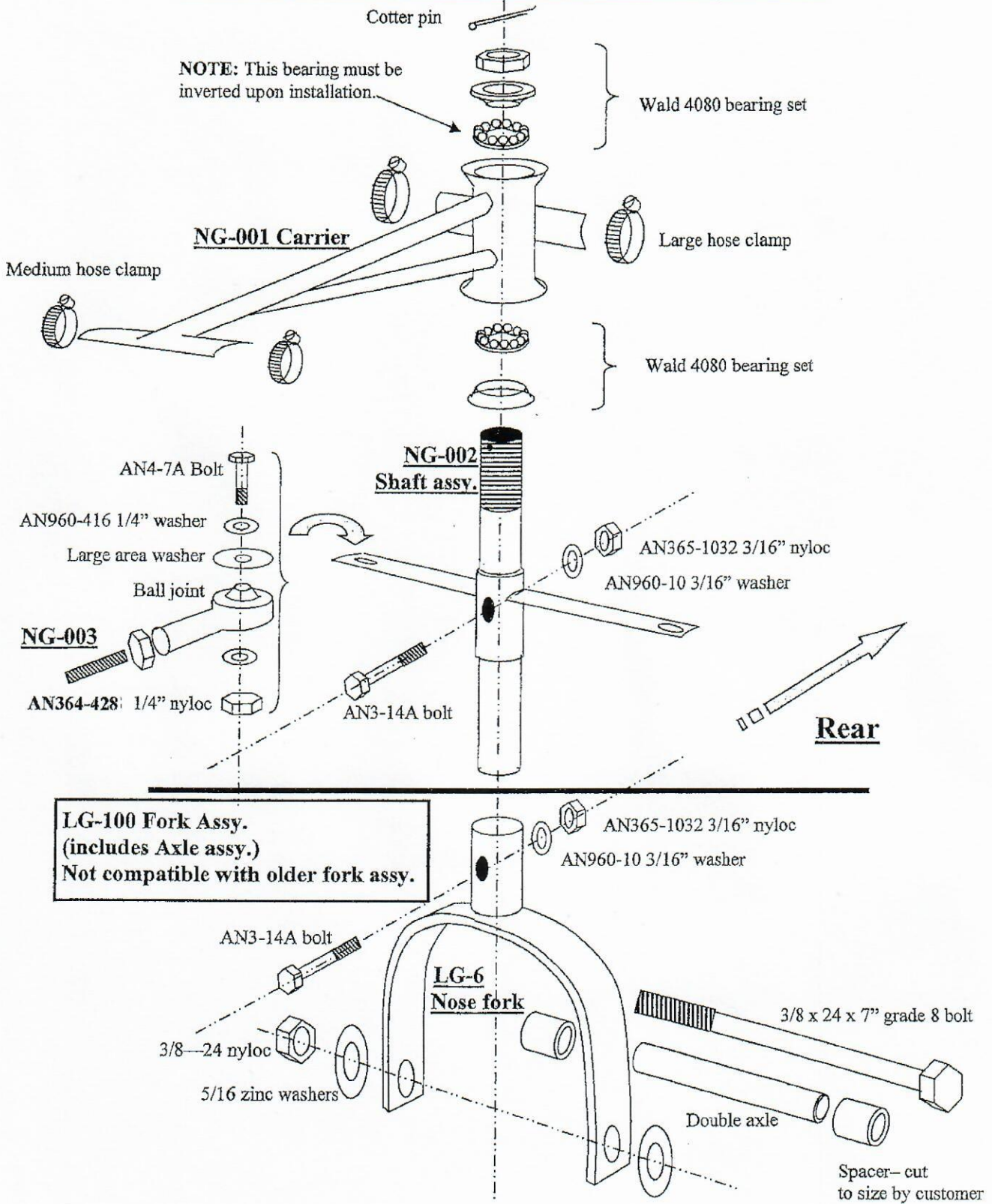
# Bolt Nomenclature

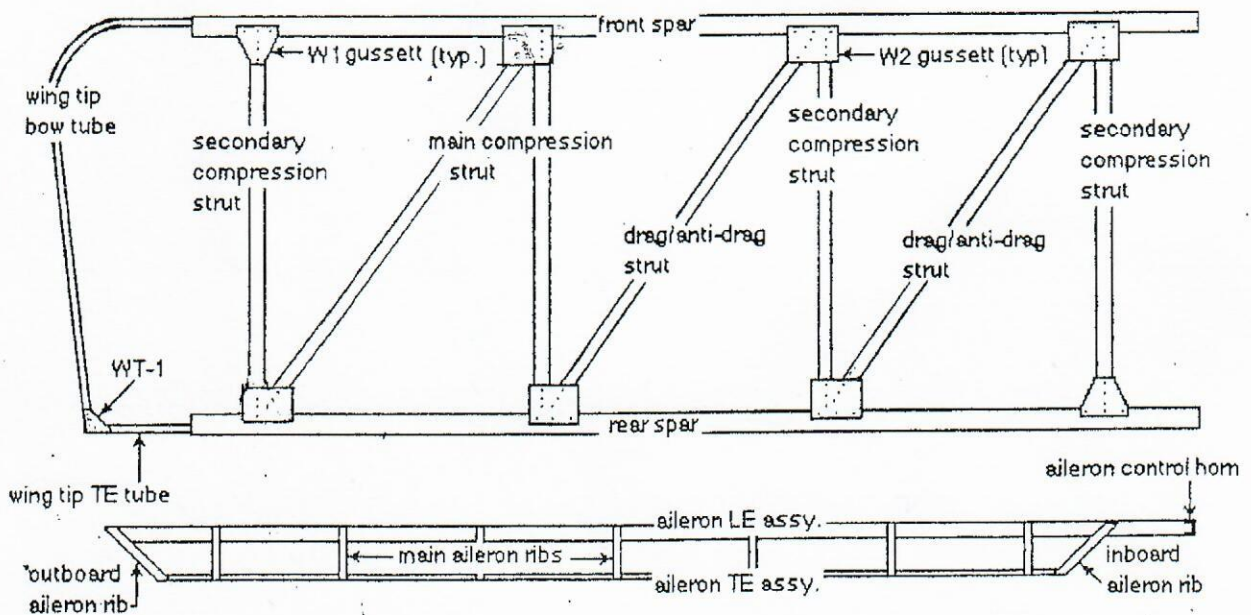
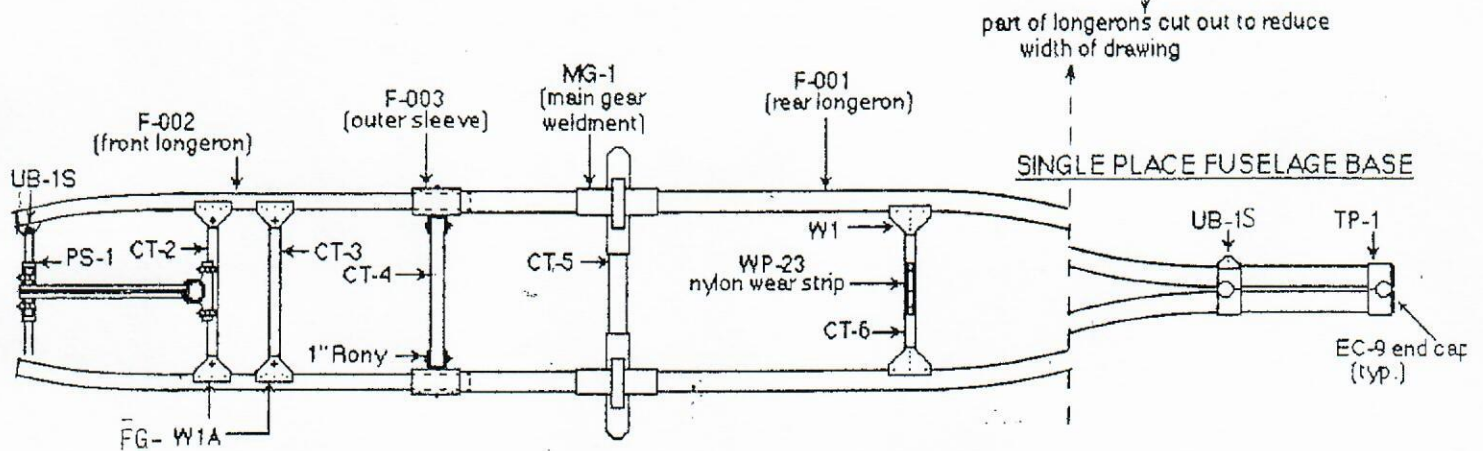
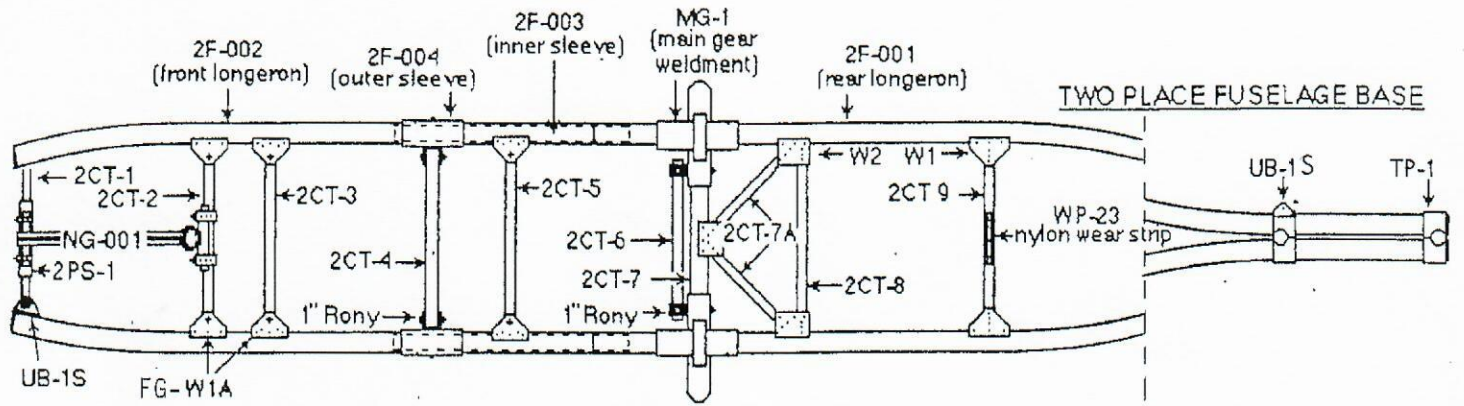


### APPROXIMATE GRIP LENGTH

Dash Number	AN3	AN4	AN5	AN6	AN7	AN8
3	1/16	1/16	-	-	-	-
4	1/8	1/16	1/16	-	-	-
5	1/4	3/16	3/16	1/16	1/16	-
6	3/8	5/16	5/16	3/16	3/16	1/16
7	1/2	7/16	7/16	5/16	5/16	3/16
10	5/8	9/16	9/16	7/16	7/16	5/16
11	3/4	11/16	11/16	9/16	9/16	7/16
12	7/8	13/16	13/16	11/16	11/16	9/16
13	1	15/16	15/16	13/16	13/16	11/16
14	1 1/8	1 1/16	1 1/16	15/16	15/16	13/16
15	1 1/4	1 3/16	1 3/16	1 1/16	1 1/16	15/16
16	1 3/8	1 5/16	1 5/16	1 3/16	1 3/16	1 1/16
17	1 1/2	1 7/16	1 7/16	1 5/16	1 5/16	1 3/16
20	1 5/8	1 9/16	1 9/16	1 7/16	1 7/16	1 5/16
21	1 3/4	1 11/16	1 11/16	1 9/16	1 9/16	1 7/16
22	1 7/8	1 13/16	1 13/16	1 11/16	1 11/16	1 9/16
23	2	1 15/16	1 15/16	1 13/16	1 13/16	1 11/16
24	2 1/8	2 1/16	2 1/16	1 15/16	1 15/16	1 13/16
25	2 1/4	2 3/16	2 3/16	2 1/16	2 1/16	1 15/16
26	2 3/8	2 5/16	2 5/16	2 3/16	2 3/16	2 1/16
27	2 1/2	2 7/16	2 7/16	2 5/16	2 5/16	2 3/16
30	2 5/8	2 9/16	2 9/16	2 7/16	2 7/16	2 5/16

# Challenger nose gear assembly NG-100 (Less fork)

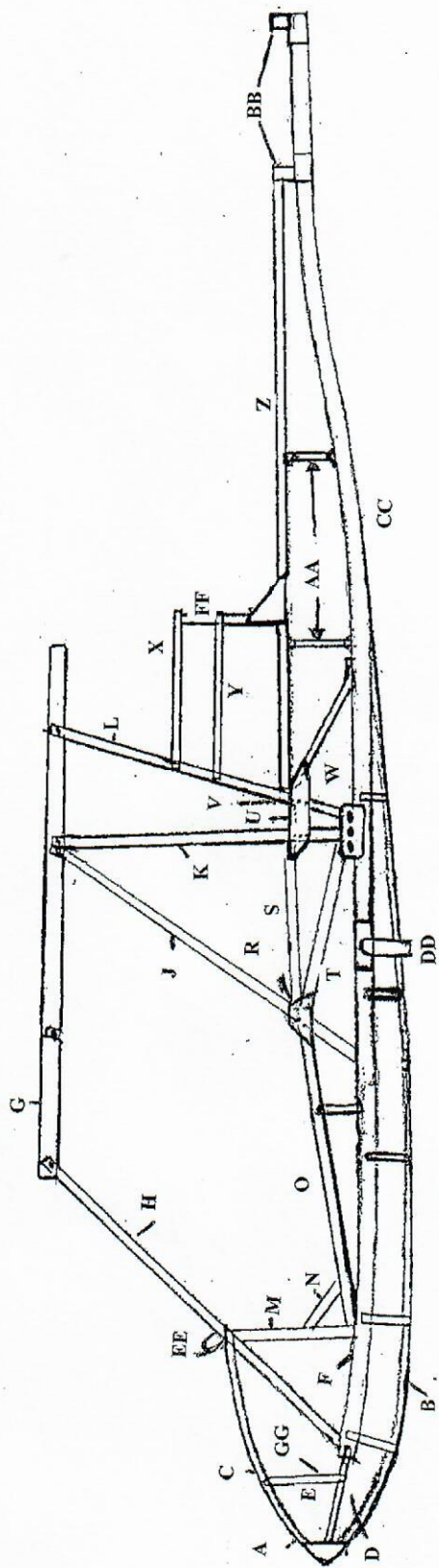




Wing drawing not-to scale - for location of parts only. Clipped wing shown; long wing similar. Standard wings built before 1991 will have fewer compression and drag struts than shown.



# Challenger I

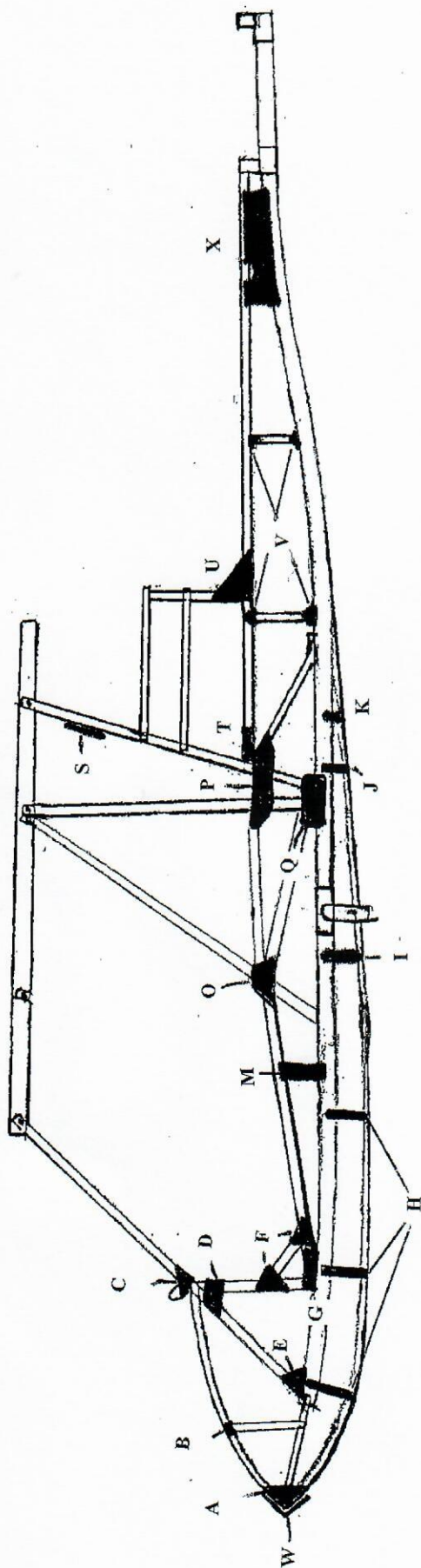


PART#	DESCRIPTION	PART#	DESCRIPTION
A =	Top Stringer	T =	Fuselage brace
B =	Stringer Bottom	U =	" "
C =	Nose Spreader **	V =	" "
D =	Stringer Brace	W =	" "
E =	Stringer Upright	X =	Rear former tube, top, left or right
F =	Front longeron assy.	Y =	Rear former tube, bottom, left or right
G =	Root tube, main beam	Z =	Rear boom tube
H =	Down tube #1	AA =	Fuselage brace
J =	Down tube #2	BB =	Tail post weldment
K =	Down tube #3	CC =	Rear longeron
L =	Down tube #4	DD =	Main gear weldment
M =	Fuselage brace	EE =	Windshield former
N =	" "	FF =	Rear former upright
O =	" "	GG =	Pedal stop tube **
R =	" "		
S =	" "		
		FB-5	Fuselage brace
		FB-6	" "
		FB-9	" "
		FB-7	" "
		FB-19T	Rear former tube, top, left or right
		FB-19B	Rear former tube, bottom, left or right
		FB-11	Rear boom tube
		FB-12	Fuselage brace
		TP-1	Tail post weldment
		F-001	Rear longeron
		MG-1	Main gear weldment
		FWF-1	Windshield former
		FB-10	Rear former upright
		FB-16	Pedal stop tube **

Items marked with \*\* are not shown

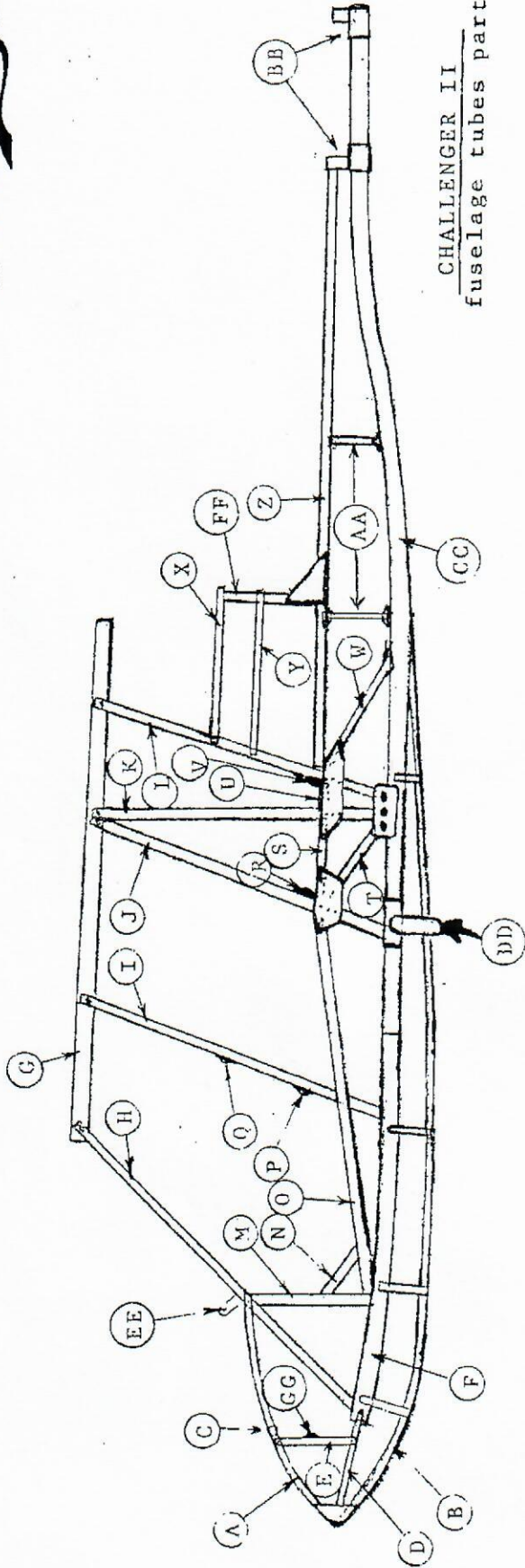


# Challenger I



PART #	DESCRIPTION	PART #	DESCRIPTION
A= NG-1	Nose gusset	O= FG-1	Cluster gusset
B= FG-10	Spreader gusset	P= FG-2	Cluster gusset
C= FG-6	Windshield gusset	Q= FG-3	Downtube gusset
D= FG-7	Triangle gusset	S= AM-1	Idler pulley plate
E= FG-4	DT-1 gusset ( L or R )	T= FG-12	T-bar gusset ( top or bottom )
F= EMP-3	Triangle gusset	U= FG-9	T-bar gusset fairing
G= FG-5	Channel gusset	V= UB-2	S.S. U-brkt.
H= FSR-6	Stringer rib	W= FG-11	Nose plate
I= FSR-5	Stringer rib	X= FG-99	Rear boom brace gusset
J= FSR-4	Stringer rib		
K= FSR-2	Stringer rib		
M= FCR-2	Cockpit rib		

# Challenger II



CHALLENGER II  
fuselage tubes part #s

Part # & description

A=	Top stringer
B=	Bottom stringer
C=	Nose spreader(not shown)
D=	Stringer brace
E=	Stringer upright
F=	Front longeron assy.
G=	Root tube
H=	2DT-1 Down tube
I=	2DT-1A " "
J=	2DT-2 " "
K=	2DT-3 " "
L=	2DT-4 " "
M=	2FB-1 Fuselage brace
N=	2FB-3 " "
O=	2FB-2 " "
P=	2FB-15 " "
Q=	2FB-14 " "

Part # & description

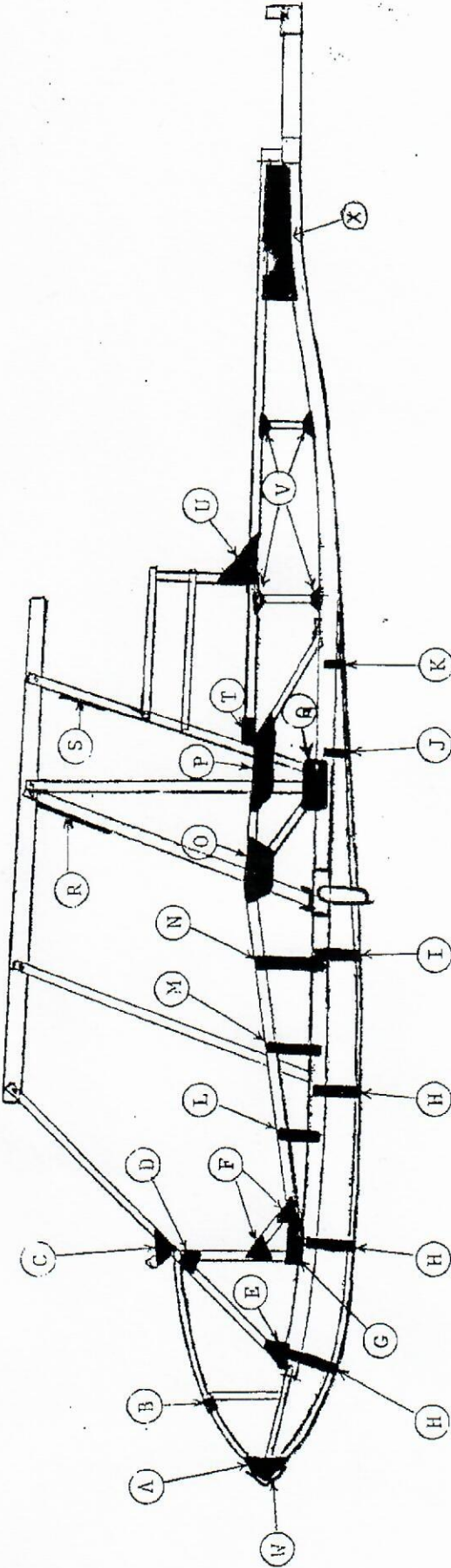
R=	2FB-8 Fuselage brace
S=	2FB-4 " "
T=	2FB-5 " "
U=	2FB-6 " "
V=	2FB-9 " "
W=	2FB-7 " "
X=	Rear former top
Y=	Rear former bottom
Z=	2FB-11 Rear boom tube
AA=	2FB-12 Fuselage brace
BB=	Tail post weldment
CC=	Rear longeron
DD=	Main gear weldment
EE=	FWF Windshield former
FF=	2FB-10 Rear former upright
GG=	Pedal stop cross tube

NOTE: Single-place part locations and numbers are similar to two-place; use this drawing to determine location and number, then refer to single-place parts listings to find similar number of part wanted.

QUAD CITY  
**ULTRALIGHT**  
Aircraft Corp.



# Challenger II



## TWO PLACE GUSSETTS AND RIBS ON FUSELAGE.

PART #	DESCRIPTION	PART #	DESCRIPTION
A= NG-1	Nose gussett	O= 2FG-1	Cluster gussett.
B= FG-10	Spreader gussett	P= 2FG-2	" "
C= FG-6	Windshield gussett	Q= 2FG-3	Downtube gussett
D= FG-7	Triangle gussett	R= 2CP-1	Snap plate
E= FG-4	DT-L Gussett(L or R)	S= 2AM-1	Idler pulley mount
F= EMP-3	Triangle Gussett	T= FG-12	T-Bar gussett(top & bottom)
G= FG-5	Channel Gussett	U= FG-9	fairing
H= 2FSR-6	Stringer rib	V= UB-2	Small U-brkt.
I= 2FSR-5	" "	W= 2FG-11	Nose plate
J= 2FSR-4	" "	X= FG-99	Rear boom brace gussett
K= 2FSR-2	" "		
L= 2FCR-1	Cockpit rib		
M= 2FCR-2	" "		
N= 2FCR-3	" "		

**NOTE:** Single-place part locations and numbers are similar to two-place; use this drawing to determine location and number, then refer to single-place parts listings to find similar number of part wanted.



3610 Coaltown Rd. Moline, IL 61265

