


PARTNUMBER	QTY.	Description	LENGTH
001	1	Tube 0.625 x 0.035	24.738
002	1	Tube 0.750 x 0.028	30.75
003	2	Tube 0.625 x 0.035	15.068
004	4	Tube 0.500 x 0.095	1.5
005	2	Tube 0.625 x 0.035	2.277
006	1	Tube 0.750 x 0.049	27
007	1	Tube 0.750 x 0.058	27
008	1	Tube 0.875 x 0.035	27
009	1	Tube 0.750 x 0.028	24
010	1	Tube 0.500 x 0.035	17.44
011	1	Tube 0.500 x 0.035	9.44
012	1	Tube 0.750 x 0.049	30
013	1	Tube 0.625 x 0.028	22.586
014	1	Tube 0.500 x 0.035	16.44
015	1	Tube 0.500 x 0.035	8.938
016	1	Tube 0.625 x 0.035	20.494
017	1	Tube 0.625 x 0.035	20.494
018	1	Tube 0.750 x 0.035	20.18
019	1	Tube 0.750 x 0.035	20.18
020	1	Tube 0.750 x 0.035	40.491
021	1	Tube 0.750 x 0.035	20.124
022	1	Tube 0.750 x 0.035	20.367
023	2	Tube 0.750 x 0.035	9.037
024	1	Tube 0.750 x 0.035	44.287
025	1	Tube 0.625 x 0.028	43.029
026	1	Tube 0.625 x 0.028	39.899
027	1	Tube 0.750 x 0.035	33.999
028	1	Tube 0.750 x 0.035	33.999
029	1	Tube 0.750 x 0.028	44.3
030	1	Tube 0.625 x 0.028	41.002
031	1	Tube 0.625 x 0.028	38.233
032	2	Tube 0.375 x 0.035	8.332
033	2	Tube 0.375 x 0.035	8.246
034	1	Tube 0.750 x 0.035	49.121
035	1	Tube 0.750 x 0.035	49.121
036	1	Tube 0.750 x 0.035	45.276
037	1	Tube 0.750 x 0.035	45.276
038	1	Tube 0.750 x 0.028	37.917
039	1	Tube 0.750 x 0.028	37.917
040	2	Tube 0.625 x 0.049	4.938
041	1	Tube 1.000 x 0.058	30
042	1	Tube 0.750 x 0.035	45.32
043	1	Tube 0.750 x 0.035	45.32
044	1	Tube 0.750 x 0.028	39.027
045	1	Tube 0.750 x 0.028	39.027
046	1	Tube 0.625 x 0.028	29.533
047	1	Tube 0.625 x 0.028	29.533
048	1	Tube 0.625 x 0.035	20.592
049	1	Tube 0.625 x 0.035	20.592
050	1	Tube 0.750 x 0.028	28.35
051	1	Tube 0.625 x 0.035	22.024
052	1	Tube 0.625 x 0.035	22.024
053	1	Tube 0.625 x 0.049	7.369
054	1	Tube 0.625 x 0.049	7.369
055	2	Tube 0.500 x 0.035	30.599
056	1	Tube 0.750 x 0.035	25.842

PARTNUMBER	QTY.	Description	LENGTH
057	1	Tube 0.750 x 0.035	25.842
058	1	Tube 0.625 x 0.035	25.767
059	1	Tube 0.750 x 0.049	22.374
060	1	Tube 0.750 x 0.035	35.397
061	1	Tube 0.750 x 0.028	41.103
062	1	Tube 0.750 x 0.049	22.374
063	1	Tube 0.750 x 0.035	35.397
064	1	Tube 0.625 x 0.035	35.338
065	1	Tube 0.625 x 0.035	35.338
066	1	Tube 0.625 x 0.035	48.544
067	1	Tube 0.625 x 0.035	48.563
068	2	Tube 0.625 x 0.028	35.466
069	1	Tube 0.750 x 0.028	45.017
070	1	Tube 0.625 x 0.028	34.14
071	1	Tube 0.500 x 0.028	21.301
072	1	Tube 0.500 x 0.028	21.551
073	1	Tube 0.625 x 0.028	44.847
074	1	Tube 0.625 x 0.028	44.847
075	1	Tube 0.625 x 0.028	39.993
076	1	Tube 0.625 x 0.028	39.991
077	1	Tube 0.625 x 0.035	33.535
078	1	Tube 0.625 x 0.035	33.535
079	1	Tube 0.750 x 0.049	2.062
080	1	Tube 0.500 x 0.049	1.941
082	1	Tube 0.625 x 0.049	13.911
085	1	Tube 1.125 x 0.049	4.724
086	1	Tube 1.000 x 0.058	5.5
087	1	Tube 0.875 x 0.035	55.194
088	1	Tube 0.750 x 0.049	3.206
089	1	Tube 0.750 x 0.058	13
090	1	Tube 0.750 x 0.058	11.833
091	1	Tube 0.750 x 0.058	11.833
092	1	Tube 0.750 x 0.049	7.826
093	1	Tube 0.750 x 0.049	7.826

PARTNUMBER	QTY.	Description	LENGTH
094	1	Tube 0.750 x 0.028	175.558
095	1	Tube 0.750 x 0.028	175.558
096	1	Tube 0.750 x 0.035	107.336
097	1	Tube 0.750 x 0.035	103.424
098	1	Tube 0.750 x 0.035	107.336
099	1	Tube 0.750 x 0.035	103.424
100	2	Tube 0.750 x 0.083	5
101	1	Tube 0.625 x 0.035	24.751
102	1	Tube 0.625 x 0.035	19.711
103	1	Tube 0.625 x 0.035	24.751
104	1	Tube 0.625 x 0.035	19.711
105	1	Tube 0.625 x 0.035	25.757
106	1	Tube 0.625 x 0.035	52.736
107	1	Tube 0.625 x 0.028	31.415
108	1	Tube 0.375 x 0.035	10.357
109	1	Tube 0.500 x 0.035	16.125
110	1	Tube 0.375 x 0.035	27.427
111	1	Tube 0.375 x 0.035	3.506
112	1	Tube 0.375 x 0.035	3.506
113	1	Tube 0.625 x 0.035	19.312
114	1	Tube 0.625 x 0.035	19.312
115	2	0.080" Sheet	
116	4	0.080" Sheet	
117	1	0.072" Sheet	
118	8	0.080" Sheet	
119	6	0.072" Sheet	
120	2	0.072" Sheet	
121	1	0.072" Sheet	
124	2	0.072" Sheet	

PARTNUMBER	QTY.	Description	LENGTH
125	1	0.072" Sheet	
126	4	0.080" Sheet	
127	1	0.072" Sheet	
128	2	0.072" Sheet	
129	1	0.072" Sheet	
130	1	0.072" Sheet	
131	1	0.072" Sheet	
132	1	Tube 0.875 x 0.095	5
133	1	0.125" Sheet	
134	1	0.072" Sheet	
135	1	0.072" Sheet	
136	4	Tube 0.375 x 0.058	1
137	1	Tube 0.750 x 0.095	14
138	4	0.072" Sheet	
139	2	Tube 0.375 x 0.058	0.852
140	4	0.072" Sheet	
141	2	Sheet	
142	1	0.063" Sheet	
143	4	0.063" Sheet	
144	1	0.063" Sheet	
145	1	0.063" Sheet	
146	1	0.063" Sheet	
147	1	Tube 0.500 x 0.095	1
148	2	0.063" Sheet	
149	1	Tube 0.375 x 0.035	10.337

- NOTES:
- REFER TO DESIGN DRAWINGS FOR COMPLETE ASSEMBLY DETAILS. THIS IS A MANUFACTURING DRAWING TO ASSIST WELD ASSEMBLY OF A PROFILED TUBE KIT. A COMPLETE SET OF PLANS MUST BE PURCHASED FROM AN AUTHORIZED PLANS PROVIDER (R&B AIRCRAFT).
 - TUBES ARE PROVIDED PRE-BENT OR ROLLED READY FOR WELD ASSEMBLY. ENSURE CORRECT POSITIONING BEFORE FINAL WELDING.
 - REFERENCE DATA
NO OF PIECES : FUSELAGE: 135 PCS
SHEET PARTS 60 PCS
ESTIMATED WEIGHT: 74.0 LBS
 - MATERIAL SPECIFICATIONS UNLESS OTHERWISE INDICATED
TUBING: 4130 CONDITION N MIL-T-67368 SEAMLESS AIRCRAFT

THIS DRAWING OR THE INFORMATION CONTAINED HEREIN MAY NOT BE REPRODUCED WITHOUT PERMISSION FROM VR3 ENGINEERING		CUSTOMER BEARHAWK LSA plans builder		 VR3 Engineering cartesian tube profiling STRATFORD, ONTARIO CANADA	
NOTES BREAK ALL SHARP EDGES ALL PARTS TO BE CLEARLY IDENTIFIED		ASSEMBLY DWG	PROJECT 2396.01		
TOLERANCES UNLESS OTHERWISE NOTED		DRAWN AT	DATE AUG 27 2018	PART NAME BEARHAWK LSA FUSELAGE	
DECIMAL .X =±.08" MACHINED SURFACE FINISH 125 RMS MAX		CHECKED	DATE	SIZE C	SCALE 1:9
FRACTIONAL <24" =±1/16" >24" =±1/8" ALL DIMENSIONS ARE INCHES		APPROVED	DATE	DRAWING NO. 39415	SHEET 1
					REV 0