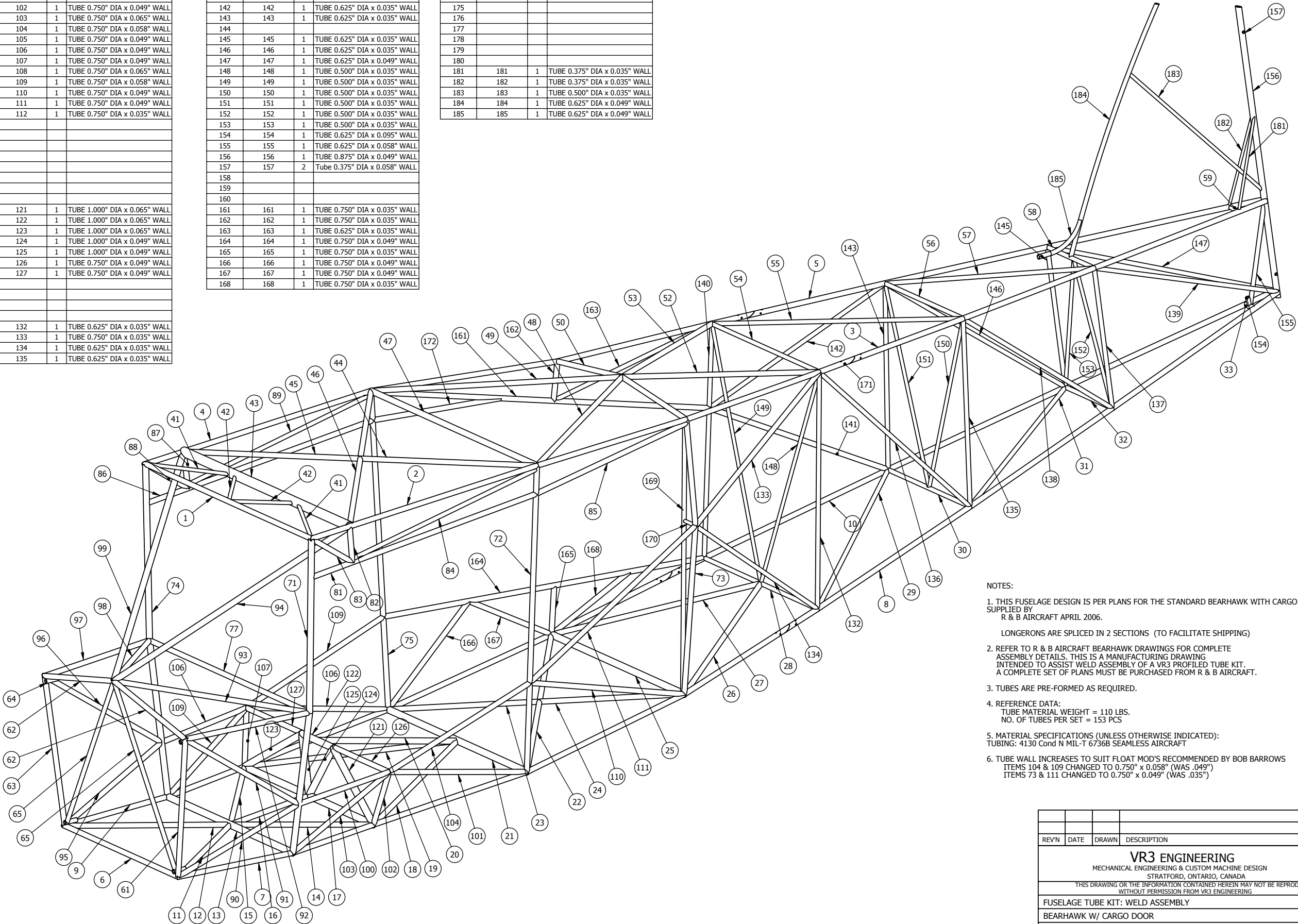


ITEM NO.	PARTNUMBER	QTY.	Description
1	1	1	TUBE 0.750" DIA x 0.035" WALL
2	2	1	TUBE 0.750" DIA x 0.035" WALL
3	3	1	TUBE 0.750" DIA x 0.035" WALL
4	4	1	TUBE 0.750" DIA x 0.035" WALL
5	5	1	TUBE 0.750" DIA x 0.035" WALL
6	6	1	TUBE 0.750" DIA x 0.049" WALL
7	7	1	TUBE 0.750" DIA x 0.049" WALL
8	8	1	TUBE 0.750" DIA x 0.049" WALL
9	9	1	TUBE 0.750" DIA x 0.049" WALL
10	10	1	TUBE 0.750" DIA x 0.049" WALL
11	11	1	TUBE 0.750" DIA x 0.035" WALL
12	12	1	TUBE 0.750" DIA x 0.035" WALL
13	13	1	TUBE 1.000" DIA x 0.058" WALL
14	14	1	TUBE 0.750" DIA x 0.049" WALL
15	15	1	TUBE 0.750" DIA x 0.049" WALL
16	16	1	TUBE 0.750" DIA x 0.049" WALL
17	17	1	TUBE 1.000" DIA x 0.065" WALL
18	18	1	TUBE 0.750" DIA x 0.049" WALL
19	19	1	TUBE 0.750" DIA x 0.049" WALL
20	20	1	TUBE 0.875" DIA x 0.049" WALL
21	21	1	TUBE 1.000" DIA x 0.049" WALL
22	22	1	TUBE 0.750" DIA x 0.049" WALL
23	23	1	TUBE 0.750" DIA x 0.049" WALL
24	24	1	TUBE 0.750" DIA x 0.049" WALL
25	25	1	TUBE 1.000" DIA x 0.049" WALL
26	26	1	TUBE 0.750" DIA x 0.035" WALL
27	27	1	TUBE 0.750" DIA x 0.035" WALL
28	28	1	TUBE 0.625" DIA x 0.035" WALL
29	29	1	TUBE 0.625" DIA x 0.035" WALL
30	30	1	TUBE 0.625" DIA x 0.035" WALL
31	31	1	TUBE 0.625" DIA x 0.035" WALL
32	32	1	TUBE 0.625" DIA x 0.035" WALL
33	33	1	TUBE 0.750" DIA x 0.049" WALL
34			
35			
36			
37			
38			
39			
40			
41	41	2	TUBE 0.500" DIA x 0.035" WALL
42	42	2	TUBE 0.500" DIA x 0.035" WALL
43	43	1	TUBE 1.375" DIA x 0.058" WALL
44	44	1	TUBE 0.750" DIA x 0.049" WALL
45	45	1	TUBE 0.750" DIA x 0.049" WALL
46	46	1	TUBE 0.750" DIA x 0.049" WALL
47	47	1	TUBE 0.875" DIA x 0.049" WALL
48	48	1	TUBE 0.750" DIA x 0.035" WALL
49	49	1	TUBE 0.750" DIA x 0.035" WALL
50	50	1	TUBE 0.750" DIA x 0.035" WALL
51			
52	52	1	TUBE 0.750" DIA x 0.035" WALL
53	53	1	TUBE 0.750" DIA x 0.035" WALL
54	54	1	TUBE 0.625" DIA x 0.035" WALL
55	55	1	TUBE 0.625" DIA x 0.035" WALL
56	56	1	TUBE 0.625" DIA x 0.035" WALL
57	57	1	TUBE 0.625" DIA x 0.035" WALL
58	58	1	TUBE 0.625" DIA x 0.035" WALL
59	59	1	TUBE 0.500" DIA x 0.049" WALL
60			
61	61	1	TUBE 0.750" DIA x 0.035" WALL
62	62	2	TUBE 0.750" DIA x 0.035" WALL
63	63	1	TUBE 0.750" DIA x 0.035" WALL
64	64	4	TUBE 0.625" DIA x 0.120" WALL
65	65	2	TUBE 0.625" DIA x 0.049" WALL
66			
67			
68			
69			
70			
71	71	1	TUBE 0.875" DIA x 0.049" WALL
72	72	1	TUBE 0.750" DIA x 0.035" WALL
73	73	1	TUBE 0.750" DIA x 0.049" WALL
74	74	1	TUBE 0.875" DIA x 0.049" WALL
75	75	1	TUBE 0.750" DIA x 0.035" WALL
76			
77	77	1	TUBE 0.750" DIA x 0.035" WALL
78			
79			
80			
81	81	1	TUBE 0.750" DIA x 0.035" WALL
82	82	1	TUBE 0.750" DIA x 0.049" WALL
83	83	1	TUBE 0.750" DIA x 0.049" WALL
84	84	1	TUBE 0.625" DIA x 0.049" WALL
85	85	1	TUBE 0.750" DIA x 0.035" WALL
86	86	1	TUBE 0.750" DIA x 0.035" WALL
87	87	1	TUBE 0.750" DIA x 0.049" WALL
88	88	1	TUBE 0.750" DIA x 0.049" WALL
89	89	1	TUBE 0.625" DIA x 0.049" WALL
90			
91	91	1	TUBE 0.750" DIA x 0.049" WALL
92	92	1	TUBE 0.750" DIA x 0.035" WALL
93	93	1	TUBE 0.750" DIA x 0.049" WALL
94	94	1	TUBE 0.750" DIA x 0.035" WALL
95	95	1	TUBE 0.875" DIA x 0.049" WALL

ITEM NO.	PARTNUMBER	QTY.	Description
96	96	1	TUBE 0.750" DIA x 0.049" WALL
97	97	1	TUBE 0.750" DIA x 0.035" WALL
98	98	1	TUBE 0.750" DIA x 0.049" WALL
99	99	1	TUBE 0.750" DIA x 0.035" WALL
100	100	1	TUBE 0.875" DIA x 0.049" WALL
101	101	1	TUBE 0.750" DIA x 0.049" WALL
102	102	1	TUBE 0.750" DIA x 0.049" WALL
103	103	1	TUBE 0.750" DIA x 0.065" WALL
104	104	1	TUBE 0.750" DIA x 0.058" WALL
105	105	1	TUBE 0.750" DIA x 0.049" WALL
106	106	1	TUBE 0.750" DIA x 0.049" WALL
107	107	1	TUBE 0.750" DIA x 0.049" WALL
108	108	1	TUBE 0.750" DIA x 0.065" WALL
109	109	1	TUBE 0.750" DIA x 0.058" WALL
110	110	1	TUBE 0.750" DIA x 0.049" WALL
111	111	1	TUBE 0.750" DIA x 0.049" WALL
112	112	1	TUBE 0.750" DIA x 0.035" WALL
113			
114			
115			
116			
117			
118			
119			
120			
121	121	1	TUBE 1.000" DIA x 0.065" WALL
122	122	1	TUBE 1.000" DIA x 0.065" WALL
123	123	1	TUBE 1.000" DIA x 0.065" WALL
124	124	1	TUBE 1.000" DIA x 0.049" WALL
125	125	1	TUBE 1.000" DIA x 0.049" WALL
126	126	1	TUBE 0.750" DIA x 0.049" WALL
127	127	1	TUBE 0.750" DIA x 0.049" WALL
128			
129			
130			
131			
132	132	1	TUBE 0.625" DIA x 0.035" WALL
133	133	1	TUBE 0.750" DIA x 0.035" WALL
134	134	1	TUBE 0.625" DIA x 0.035" WALL
135	135	1	TUBE 0.625" DIA x 0.035" WALL

ITEM NO.	PARTNUMBER	QTY.	Description
136	136	1	TUBE 0.625" DIA x 0.035" WALL
137	137	1	TUBE 0.625" DIA x 0.035" WALL
138	138	1	TUBE 0.625" DIA x 0.035" WALL
139	139	1	TUBE 0.625" DIA x 0.049" WALL
140	140	1	TUBE 0.625" DIA x 0.035" WALL
141	141	1	TUBE 0.750" DIA x 0.049" WALL
142	142	1	TUBE 0.625" DIA x 0.035" WALL
143	143	1	TUBE 0.625" DIA x 0.035" WALL
144			
145	145	1	TUBE 0.625" DIA x 0.035" WALL
146	146	1	TUBE 0.625" DIA x 0.035" WALL
147	147	1	TUBE 0.625" DIA x 0.049" WALL
148	148	1	TUBE 0.500" DIA x 0.035" WALL
149	149	1	TUBE 0.500" DIA x 0.035" WALL
150	150	1	TUBE 0.500" DIA x 0.035" WALL
151	151	1	TUBE 0.500" DIA x 0.035" WALL
152	152	1	TUBE 0.500" DIA x 0.035" WALL
153	153	1	TUBE 0.500" DIA x 0.035" WALL
154	154	1	TUBE 0.625" DIA x 0.095" WALL
155	155	1	TUBE 0.625" DIA x 0.058" WALL
156	156	1	TUBE 0.875" DIA x 0.049" WALL
157	157	2	Tube 0.375" DIA x 0.058" WALL
158			
159			
160			
161	161	1	TUBE 0.750" DIA x 0.035" WALL
162	162	1	TUBE 0.750" DIA x 0.035" WALL
163	163	1	TUBE 0.625" DIA x 0.035" WALL
164	164	1	TUBE 0.750" DIA x 0.049" WALL
165	165	1	TUBE 0.750" DIA x 0.035" WALL
166	166	1	TUBE 0.750" DIA x 0.049" WALL
167	167	1	TUBE 0.750" DIA x 0.049" WALL
168	168	1	TUBE 0.750" DIA x 0.035" WALL

ITEM NO.	PARTNUMBER	QTY.	Description
169	169	1	TUBE 0.625" DIA x 0.035" WALL
170	170	1	Tube 0.500" DIA x 0.035" WALL
171	171	4	TUBE 0.625" DIA x 0.035" WALL
172	172	1	Tube 0.750" DIA x 0.035" WALL
173			
174			
175			
176			
177			
178			
179			
180			
181	181	1	TUBE 0.375" DIA x 0.035" WALL
182	182	1	TUBE 0.375" DIA x 0.035" WALL
183	183	1	TUBE 0.500" DIA x 0.035" WALL
184	184	1	TUBE 0.625" DIA x 0.049" WALL
185	185	1	TUBE 0.625" DIA x 0.049" WALL



- NOTES:
- THIS FUSELAGE DESIGN IS PER PLANS FOR THE STANDARD BEARHAWK WITH CARGO DOOR SUPPLIED BY R & B AIRCRAFT APRIL 2006.

LONGERONS ARE SPliced IN 2 SECTIONS (TO FACILITATE SHIPPING)
 - REFER TO R & B AIRCRAFT BEARHAWK DRAWINGS FOR COMPLETE ASSEMBLY DETAILS. THIS IS A MANUFACTURING DRAWING INTENDED TO ASSIST WELD ASSEMBLY OF A VR3 PROFILED TUBE KIT. A COMPLETE SET OF PLANS MUST BE PURCHASED FROM R & B AIRCRAFT.
 - TUBES ARE PRE-FORMED AS REQUIRED.
 - REFERENCE DATA:
TUBE MATERIAL WEIGHT = 110 LBS.
NO. OF TUBES PER SET = 153 PCS
 - MATERIAL SPECIFICATIONS (UNLESS OTHERWISE INDICATED):
TUBING: 4130 Cond N MIL-T 6736B SEAMLESS AIRCRAFT
 - TUBE WALL INCREASES TO SUIT FLOAT MOD'S RECOMMENDED BY BOB BARROWS
ITEMS 104 & 109 CHANGED TO 0.750" x 0.058" (WAS .049")
ITEMS 73 & 111 CHANGED TO 0.750" x 0.049" (WAS .035")

REV'N	DATE	DRAWN	DESCRIPTION
VR3 ENGINEERING MECHANICAL ENGINEERING & CUSTOM MACHINE DESIGN STRATFORD, ONTARIO, CANADA THIS DRAWING OR THE INFORMATION CONTAINED HEREIN MAY NOT BE REPRODUCED WITHOUT PERMISSION FROM VR3 ENGINEERING			
FUSELAGE TUBE KIT: WELD ASSEMBLY			
BEARHAWK W/ CARGO DOOR			
LINE3			
DRAWN: DVR	DATE: FEB22-08	PROJECT NO. 713-06	DRAWING NO. 39051-01
D'SCALE: 1:7			REV NO. 0