



- NOTES:
- REFER TO SKYOTE DWG 100300 DESIGN DRAWING 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 AN AUTHORIZED PLANS PROVIDER
  - ENSURE CORRECT POSITIONING BEFORE FINAL WELDING
  - REFERENCE DATA  
NO OF TUBE PIECES PER KIT: 93 PCS  
ESTIMATED WEIGHT OF TUBES: 14 LBS
  - MATERIAL SPECIFICATIONS UNLESS OTHERWISE INDICATED  
TUBING: 4130 COND N MIL-T-6736B SEAMLESS AIRCRAFT
  - TUBES NO 11, 12, 17 AND 18 ARE PROFILED BUT REQUIRE "SQUISHING" AND MINOR FITTING AT ASSEMBLY
  - TUBES NO 45, 46, 47, AND 48 ARE TRIMMED TO TUBE 21 BUT REQUIRE MINOR HAND TRIMMING TO ONE ANOTHER.
  - TUBES NO 13 REQUIRE HOLES ADDED AND MINOR HAND FITTING AT ASSEMBLY
  - TUBES 15, 16, 21 AND 22 REQUIRE HAND FITTING AT ASSEMBLY
  - ALL RIBS TO BE PULLED INTO PLACE AT ASSEMBLY. MINOR FITTING MAY BE REQUIRED

ITEM NO.	PARTNUMBER	QTY.	Description
11	39156-011	1	Tube 0.750 x 0.035
12	39156-012	1	Tube 0.750 x 0.035
13	39156-013	2	Tube 0.750 x 0.035
14	39156-014	1	Tube 0.750 x 0.035
15	39156-015	1	Tube 0.250 x 0.035
16	39156-016	1	Tube 0.250 x 0.035
17	39156-017	1	Tube 0.750 x 0.035
18	39156-018	1	Tube 0.750 x 0.035
19	39156-019	1	Tube 0.750 x 0.035
20	39156-020	1	Tube 0.500 x 0.035
21	39156-021	1	Tube 0.250 x 0.035
22	39156-022	1	Tube 0.250 x 0.035
23	39156-023	2	Tube 0.875 x 0.058
24	39156-024	5	Tube 0.875 x 0.058
25	39156-025	8	Tube 0.875 x 0.058
26	39156-026	8	Tube 0.375 x 0.058
27	39156-027	1	Tube 0.250 x 0.035
28	39156-028	1	Tube 0.250 x 0.035
29	39156-029	2	Tube 0.250 x 0.035
30	39156-030	1	Tube 0.375 x 0.058
31	39156-031	1	Tube 0.625 x 0.035
32	39156-032	17	Tube 0.250 x 0.035
33	39156-033	2	Tube 0.250 x 0.035
34	39156-034	2	Tube 0.250 x 0.035
35	39156-035	2	Tube 0.250 x 0.035
36	39156-036	2	Tube 0.250 x 0.035
37	39156-037	2	Tube 0.250 x 0.035
38	39156-038	2	Tube 0.250 x 0.035
39	39156-039	1	Tube 0.250 x 0.035
40	39156-040	1	Tube 0.250 x 0.035
41	39156-041	1	Tube 0.250 x 0.035
42	39156-042	1	Tube 0.250 x 0.035
43	39156-043	1	Tube 0.250 x 0.035
44	39156-044	1	Tube 0.250 x 0.035
45	39156-045	1	Tube 0.250 x 0.035
46	39156-046	1	Tube 0.250 x 0.035
47	39156-047	1	Tube 0.250 x 0.035
48	39156-048	1	Tube 0.250 x 0.035
49	39156-049	1	Tube 0.250 x 0.035
50	39156-050	1	Tube 0.250 x 0.035
51	39156-051	1	Tube 0.250 x 0.035
52	39156-052	1	Tube 0.250 x 0.035
53	39156-053	1	Tube 0.250 x 0.035
54	39156-054	1	Tube 0.250 x 0.035
55	39156-055	1	Tube 0.250 x 0.035
56	39156-056	1	Tube 0.250 x 0.035
57	39156-057	1	Tube 0.250 x 0.035
58	39156-058	1	Tube 0.250 x 0.035
59	39156-059	1	Tube 0.250 x 0.035
60	39156-060	1	Tube 0.250 x 0.035

REV'N	DATE	DRAWN	DESCRIPTION
<b>VR3 ENGINEERING</b> MECHANICAL ENGINEERING & CUSTOM MACHINE DESIGN STRATFORD, ONTARIO, CANADA			
<small>THIS DRAWING OR THE INFORMATION CONTAINED HEREIN MAY NOT BE REPRODUCED WITHOUT PERMISSION FROM VR3 ENGINEERING.</small>			
TAIL FEATHERS: TUBE KIT ASSEMBLY			
SKYOTE			
LINE3			
DRAWN: JJ	DATE: 05.22.08	PROJECT NO. 937-08	DRAWING NO. 39156-01
D'SCALE: 1:3			REV NO. x