

Parts List											
ITEM	QTY	PART NUMBER	DESCRIPTION	MAT	TYP	H	W	L	T	OD	MASS
1	4	EF-01	FLEXURE MOUNT SUPPORT	AISI 1018 STEEL	RECT BAR	0.625	4.000	26.120			18.150 lbmass
2	2	EF-02	FLEXURE MOUNT TUBE	ASTM A 500 GRADE B STEEL	SQUARE TUBE	6.000	6.000	87.500	0.188		102.563 lbmass
3	2	EF-03	SIDE TUBE	ASTM A 500 GRADE B STEEL	RECT TUBE	4.000	6.000	162.500	0.188		160.811 lbmass
4	2	EF-04	BASE TUBE	ASTM A 500 GRADE B STEEL	SQUARE TUBE	6.000	6.000	87.500	0.188		99.873 lbmass
5	2	EF-05	BASE SIDE TUBE	ASTM A 500 GRADE B STEEL	SQUARE TUBE	6.000	6.000	162.500	0.188		191.041 lbmass
6	4	EF-06	SIDE POST	ASTM A 500 GRADE B STEEL	RECT TUBE	4.000	6.000	15.750	0.188		16.184 lbmass
7	9	EF-07	POST	ASTM A 500 GRADE B STEEL	SQUARE TUBE	6.000	6.000	15.750	0.188		19.547 lbmass
8	2	EF-08	OUTRIGGER FLOOR JOIST	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	57.250	0.125		23.368 lbmass
9	4	EF-09	OUTRIGGER FLOOR JOIST	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	38.226	0.125		15.303 lbmass
10	2	EF-10	OUTRIGGER FLOOR JOIST	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	19.750	0.125		8.060 lbmass
11	4	EF-11	OUTRIGGER FLOOR JOIST	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	18.863	0.125		7.552 lbmass
12	4	EF-12	FOOT DOUBLER PLATE	A-36 STEEL	RECT BAR	0.375	5.000	7.000			3.550 lbmass
13	3	EF-13	OUTER RING	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	215.723	0.125		87.090 lbmass
14	2	EF-14	OUTRIGGER FLOOR SUPPORT	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	61.976	0.125		22.992 lbmass
15	4	EF-15	OUTRIGGER FLOOR SUPPORT	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	45.003	0.125		16.549 lbmass
16	2	EF-16	FLEXURE MOUNT SUPPORT	ASTM A 500 GRADE B STEEL	RECT TUBE	4.000	6.000	29.651	0.188		25.614 lbmass
17	2	EF-17	OUTRIGGER FLOOR SUPPORT	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	32.120	0.125		11.471 lbmass
18	2	EF-18	INNER FLOOR SEAT RAIL	A-36 STEEL	ANGLE	2.000	2.000	35.000	0.375		13.483 lbmass
19	2	EF-19	INNER FLOOR SEAT RAIL	A-36 STEEL	ANGLE	2.000	2.000	40.000			15.413 lbmass
20	4	EF-20	FLEXURE SUPPORT COVER	AISI 1018 STEEL	RECT BAR	1.000	6.000	16.004			25.721 lbmass
21	56	EF-21	FLOOR BOLT TAB	HR STEEL	ANGLE	2.000	2.000	2.000	0.250		0.532 lbmass
22	4	EF-22	OUTRIGGER FLOOR JOIST	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	49.417	0.125		19.996 lbmass
23	4	EF-23	FLEXURE MOUNT SUPPORT	AISI 1018 STEEL	RECT BAR	0.625	4.000	27.827			19.210 lbmass
24	2	EF-24	FLEXURE MOUNT SUPPORT	ASTM A 500 GRADE B STEEL	RECT TUBE	4.000	6.000	29.651	0.188		25.582 lbmass
25	4	EF-25	OUTRIGGER FLOOR SUPPORT	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	54.827	0.125		20.289 lbmass
26	4	EF-26	OUTRIGGER FLOOR JOIST	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	62.338	0.125		24.888 lbmass
27	4	EF-27	OUTRIGGER FLOOR JOIST	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	42.432	0.125		16.531 lbmass
28	14	EF-28	FRAME FOOT	AISI 1018 STEEL	ROUND BAR			0.875		1.375	0.325 lbmass
29	14	EF-29	DOUBLER PLATE	A-36 STEEL	RECT BAR	0.250	5.000	6.000			1.282 lbmass
30	4	EF-30	FLEXURE MOUNT	AISI 1018 STEEL	RECT BAR	1.000	6.000	6.000			10.014 lbmass
31	4	EF-31	OUTRIGGER FLOOR JOIST	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	30.744	0.125		11.992 lbmass
32	4	EF-32	OUTRIGGER FLOOR JOIST	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	36.121	0.125		14.256 lbmass
33	4	EF-33	OUTRIGGER FLOOR JOIST	ASTM A 500 GRADE B STEEL	RECT TUBE	2.000	4.000	31.194	0.125		12.253 lbmass
34	1	EF-34	LOAD ROD MOUNT	AISI 1018 STEEL	RECT BAR	0.500	4.000	15.750			8.736 lbmass
35	6	EF-35	LOAD ROD MOUNT	AISI 1018 STEEL	RECT BAR	0.500	4.000	15.750			8.945 lbmass
36	2	EF-36	SIDE LOAD ROD MOUNT	AISI 1018 STEEL	RECT BAR	0.500	4.000	15.750			8.736 lbmass
37	10	EF-37	FOOT DOUBLER PLATE	A-36 STEEL	RECT BAR	0.375	5.000	7.000			3.550 lbmass
38	4	EF-38	REMOVABLE FLOOR BOLT TAB	HR STEEL	ANGLE	2.000	2.000	4.000	0.375		1.535 lbmass
39	1	EF-39	CENTER RAIL	A-36 STEEL	CHANNEL	2.600	10.000	75.500	0.240		84.932 lbmass

DETAIL C
SCALE 0.09 : 1

DETAIL A
SCALE 0.09 : 1

DETAIL B
SCALE 0.09 : 1

NOTES:
- EF-28, EF-37, AND EF-12 NOT SHOWN

GENERAL TOLERANCES	
DECIMAL	ANGULAR
X.X" ± 0.5"	XX' ± 1'
X.XX" ± 0.05"	XX.X' ± 0.1'
X.XXX" ± 0.005"	WELDMENTS
X.XXXX" ± 0.0005"	± 1/16"

DRAWN JASON MOORE ENG. APPROVED BY DREW LANDMAN LAST UPDATED BY JASON MOORE	5/4/2005 5/6/2005 8/16/2005	OLD DOMINION UNIVERSITY LANGLEY FULL SCALE TUNNEL
TITLE EXTERIOR FRAME		REV
SIZE C	DWG NO EF-00	REV
SCALE 3:64	SHEET 1 OF 5	