

**Table I  
Table of Loads and Dimensions**

Identification		Dimensions							Taper Gages				Design Loads						Taper Code	Remarks
Balance	Drawing No.	A	B	C	D	E	F	G	Fwd Plug	Fwd Ring	Aft Plug	Aft Ring	NF	PM	SF	YM	RM	AF		
		Lockheed Martin			Standard				Balances											
VB-4	CVS 53005	1.75	13.50	1.25	2.70	1.250	3.00	6.40	75-001115-2	75-001115-1	75-001115-2	75-001115-1	2300	2300	1300	2300	1500	1200	A	
VB-5	CVS 54609	1.20	10.00	1.20	2.00	1.000	2.10	4.80	75-003320-1	75-003320-2	CVS 54396-3	CVS 54396-4	55	825	350	525	-	-	B	
VB-7	CVS 53007	2.75	16.20	2.75	3.50	2.750	3.50	8.00	CVS 53007-12	CVS 53007-11	CVS 53007-12	CVS 53007-11	5000	8500	3500	7700	2500	4000	C	
VB-10	75-001724	0.75	6.12	0.75	1.00	0.540	0.95	3.60	CVS 55541-2	CVS 55541-1	CVS 55541-3	CVS 55541-4	340	330	290	315	70	-	D	
VB-17	75-000425	1.20	10.00	1.20	2.00	1.000	2.10	5.00	75-003320-1	75-003320-2	CVS 54396-3	CVS 54396-4	750	1000	400	650	500	250	B	
VB-18	75-000429	1.50	12.70	1.25	2.50	1.250	3.00	6.00	CVS 54396-1	CVS 54396-2	75-001115-2	75-001115-1	1800	2250	1800	2250	125	300	A	
VB-20	75-000494	1.20	10.00	1.20	2.00	1.000	2.10	5.00	75-003320-1	75-003320-2	CVS 54396-3	CVS 54396-4	400	500	300	375	200	400	B	
VB-21	75-000495	1.50	12.70	1.25	2.50	1.250	3.00	6.00	CVS 54396-1	CVS 54396-2	75-001115-2	75-001115-1	1000	1000	800	1200	400	200	A	
VB-28	75-001863	1.85	14.20	1.50	3.00	1.500	3.00	6.90	75-001853-37	75-001853-38	75-001853-37	75-001853-38	2800	4460	2100	3350	1800	400/150	E	Interchangeable AF elements
*VB-36	75-003403	1.50	12.70	1.25	2.50	1.250	3.00	6.00	CVS 54396-1	CVS 54396-2	75-001115-2	75-001115-1	2000	3000	800	1200	1200	200	A	Interchangeable with VB-18
*VB-38	75-004110	1.25	10.00	1.20	2.00	1.000	2.10	5.00	75-003320-1	75-003320-2	CVS 54396-3	CVS 54396-4	800	2000	440	1100	600	125	B	Interchangeable with VB-17
*VB-40	75-005209	0.60	5.13	0.50	1.00	0.500	1.00	2.78	75-005210-				125	160	100	120	60	15	F	
*VB-42	75-005276	0.75	6.10	0.75	1.00	0.540	1.00	3.60	CVS 55541-2	CVS 55541-1	CVS 55541-3	CVS 55541-4	175	185	150	160	100	75	D	
*VB-44	75-005291	1.50	12.70	1.25	2.50	1.250	3.00	6.00	CVS 54396-1	CVS 54396-2	75-001115-2	75-001115-1	1800	2250	1800	2250	1250	300	A	Interchangeable with vb-18
*VB-46	75-005304	1.25	10.00	1.20	2.00	1.000	2.10	5.00	75-003320-1	75-003320-2	CVS 54396-3	CVS 54396-4	640	1600	640	1600	600	125/400	B	Symmetrical VB-38
*VB-48	75-005334	1.85	14.20	1.50	3.00	1.500	3.00	6.90	75-001853-37	75-001853-38	75-001853-37	75-001853-38	2800	4460	2100	3350	1800	400	E	Interchangeable with VB-28
*VB-50	75-005341	0.46	4.00	0.46	0.72	0.375	0.72	2.21	75-001108-1	75-001108-2	75-001853-35	75-001853-36	35	35	35	35	27	10		
VB-51	75-005913	1.25	10.00	1.20	2.00	1.000	2.10	5.20	75-003320-1	75-003320-2	CVS 54396-3	CVS 54396-4	875	1112	875	1112	-	-	B	
*VB-52	75-005404	1.00	8.22	0.80	1.66	0.800	1.66	4.30	75-005281-7	75-005281-8	75-005281-7	75-005281-8	600	750	600	750	350	125		

Balance	Drawing No.	A	B	C	D	E	F	G	Fwd Plug	Fwd Ring	Aft Plug	Aft Ring	NF	PM	SF	YM	RM	AF	Taper Code	Remarks		
		Lockheed Martin				Small				Balances												
VHB-2	CVS 54371	0.50	3.75	0.50	0.25	0.37	0.68	2.50	CVS 54371-8	CVS 54371-9	CVS 54371-6	CVS 54371-7	10	13	5	6	5	10				
VHB-5	75-000230	0.50	3.11	0.50	0.25	0.37	0.68	2.00	CVS 54371-8	CVS 54371-9	CVS 54371-6	CVS 54371-7	6	8	2	2	2	7				
*VHB-7	75-001106	0.46	3.36	0.46	0.50	0.37	0.68	2.00	75-001108-1	75-001108-2	75-001108-3	75-001108-4	35	35	18	18	27	10		Two (2) Available		
VHB-11	75-001860	0.37	4.00	0.30	0.37	0.30	0.61	2.50	75-001853-41	75-001853-36	75-001853-35	75-001853-36	10	10	10	10	3	3		Two (2) Available		
Balance	Drawing No.	A	B	C	D	E	F	G	Fwd Plug	Fwd Ring	Aft Plug	Aft Ring	NF	PM	SF	YM	RM	AF	Taper Code	Remarks		
		Lockheed Martin				Air/Fluid				Balances												
VTB-4	75-001151	1.20	10.00	1.20	2.00	1.00	2.10	4.90	75-003320-1	75-003320-2	CVS 54396-3	CVS 54396-4	740	950	740	950	400		B	supply		
VTB-12	75-005347	1.50	15.65	1.25	2.62	1.25	3.12	6.00	CVS 54396-1	CVS 54396-2	75-001115-2	75-001115-1	1600	2000	1600	2000	500			hole through		
Balance	Drawing No.	A	B	C	D	E	F	G	Fwd Plug	Fwd Ring	Aft Plug	Aft Ring	NF	PM	SF	YM	RM	AF	Taper Code	Remarks		
VSB-1	75-001911	0.750	4.10	0.625	0.188	0.540	0.970	2.40	No Taper	No Taper	CVS 55541-3	CVS 55541-4	6	6	3	3	2.5	11	D	Semiconductor bridges		
VSB-3	75-001896	0.300	7.90	0.300	0.380	0.300	0.610	2.00	75-001853-35	75-001853-36	75-001853-35	75-001853-36	5	5	2	2	2					
VSB-4	75-002529	1.800	38.40	1.250	2.500	2.500	3.750	6.00	CVS 54396-1	CVS 54396-2	75-001144-1	75-001144-2	1500	2250	700	1050	1390	25		Integral Sting-Balance		
VSB-10	75-000447	0.300	7.60	0.300	0.500	0.326	0.800	2.40	75-000444-4	75-000444-3	No Gage	No Gage	34	34	34	34	3					
VSB-12	75-003298	0.325	2.99	0.250	0.375	0.325	0.485	1.80	75-001853-53	75-001853-54	75-001853-55	75-001853-56	15	14	15	14	4					
VSB-13	75-003319	1.500	12.70	1.250	2.500	1.250	3.000	6.00	CVS 54396-1	CVS 54396-2	75-001115-2	75-001115-1	1800	2250	1800	2250		A				
VSB-24	75-004198	0.350	10.68	0.300	0.400	0.460	1.000	2.30	75-001853-35	75-001853-36	75-001108-1	75-001108-2	35	40	20	23	19			Integral Sting-Balance		
VSB-42	75-005266	0.250	8.37	0.250	0.370	0.300	0.610	1.30	75-001853-53	75-001853-54	75-001853-35	75-001853-36	20	10	20	10	3			Integral Sting-Balance		

\* One Piece Design