

CALIBRATION DATA

FUEL FLOW INDICATORS

UNITED INSTRUMENTS, INC.

ISSUE	<u>May 1986</u>
RE-ISSUE	<u>May 2006</u>
REVISED	<u>Apr 2010</u>
REVISED	<u>Feb 2015</u>

CALIBRATION DATA INDEX

INDICATOR, FUEL FLOW (6210 SERIES)

<u>PART NO.</u>	<u>CODE NO.</u>	<u>PAGE NO.</u>	<u>PART NO.</u>	<u>CODE NO.</u>	<u>PAGE NO.</u>
6211	F.2	6210-1			
6211	F.3	6210-1			
6211	F.4	6210-1			
6213	F.10	6210-1			
6213	F.11	6210-1			
6211	F.12	6210-1			
6211	F.13	6210-1			
6213	F.14	6210-1			
6213	F.15	6210-2			
6211	F.16	6210-2			

CALIBRATION DATA INDEX

INDICATOR, FUEL FLOW (6220 SERIES)

<u>PART NO.</u>	<u>CODE NO.</u>	<u>PAGE NO.</u>	<u>PART NO.</u>	<u>CODE NO.</u>	<u>PAGE NO.</u>
6222	G.3	6220-1	6221	G.65	6220-6
6222	G.4	6220-1	6221	G.66	6220-6
6222	G.9	6220-1	6221	G.67	6220-6
6222	G.10	6220-1	6221	G.68	6220-6
6221	G.11	6220-1	6221	G.69	6220-6
6222	G.13	6220-1	6221	G.70	6220-6
6221	G.14	6220-1	6221	G.71	6220-6
6221	G.15	6220-1	6221	G.72	6220-7
6221	G.16	6220-2	6221	G.73	6220-7
6221	G.17	6220-2	6221	G.74	6220-7
6221	G.18	6220-2	6221	G.75	6220-7
6222	G.19	6220-2	6221	G.77	6220-7
6222	G.20	6220-2	6221	G.78	6220-7
6221	G.21	6220-2	6221	G.81	6220-7
6222	G.23	6220-2	6221	G.85	6220-7
6060T	G.25	6220-2	6222	G.87	6220-8
6221	G.26	6220-3	6221	G.107	6220-8
6221	G.27	6220-3	6224	G.109	6220-8
6060T	G.28	6220-3	6221	G.110	6220-8
6060T	G.29	6220-3	6221	G.112	6220-8
6221	G.30	6220-3			
6221	G.32	6220-3			
6223	G.34	6220-3			
6223	G.35	6220-3			
6222	G.36	6220-4			
6221	G.37	6220-4			
6221	G.38	6220-4			
6221	G.39	6220-4			
6223	G.42	6220-4			
6221	G.43	6220-4			
6221	G.44	6220-4			
6221	G.45	6220-4			
6223	G.46	6220-5			
6223	G.47	6220-5			
6223	G.48	6220-5			
6223	G.49	6220-5			
6221	G.54	6220-5			
6221	G.55	6220-5			
6221	G.56	6220-5			
6221	G.57	6220-5			
6221	G.58	6220-5			
6222	G.59	6220-5			
6221	G.60	6220-6			

CALIBRATION DATA INDEX

INDICATOR, MANIFOLD PRESSURE & FUEL FLOW (6300 SERIES)

1 OF 2

<u>PART NO.</u>	<u>CODE NO.</u>	<u>PAGE NO.</u>	<u>PART NO.</u>	<u>CODE NO.</u>	<u>PAGE NO.</u>
6331	H.1	6300-1	6331	H.70	6300-6
6331	H.2	6300-1	6331	H.72	6300-6
6331	H.3	6300-1	6331	H.73	6300-6
6331	H.5	6300-1	6333	H.74	6300-6
6331	H.6	6300-1	6331	H.75	6300-6
6331	H.7	6300-1	6313	H.76	6300-6
6331	H.8	6300-1	6313	H.77	6300-6
6331	H.9	6300-1	6313	H.78	6300-6
6331	H.10	6300-1	6331	H.79	6300-6
6080-VB74	H.12	6300-1	6331	H.80	6300-6
6331	H.13	6300-2	6331	H.81	6300-6
6331	H.17	6300-2	6333	H.82	6300-7
6331	H.22	6300-2	6331	H.83	6300-7
6332	H.23	6300-2	6331	H.86	6300-7
6333	H.24	6300-2	6313	H.87	6300-7
6331	H.27	6300-2	6311	H.88	6300-7
6331	H.28	6300-2	6311	H.89	6300-7
6331	H.30	6300-2	6331	H.90	6300-7
6331	H.31	6300-2	6333	H.91	6300-7
6331	H.32	6300-2	6311	H.92	6300-7
6331	H.33	6300-3	6311	H.93	6300-7
6331	H.34	6300-3	6331	H.95	6300-8
6331	H.35	6300-3	6314	H.98	6300-8
6331	H.36	6300-3	6333	H.100	6300-8
6331	H.37	6300-3	6333	H.102	6300-8
6333	H.38	6300-3	6331	H.103	6300-8
6331	H.39	6300-3	6331	H.106	6300-8
6331	H.40	6300-3	6311A	H.107	6300-8
6080T-H41	H.41	6300-4	6311A	H.108	6300-8
6080T-H42	H.42	6300-4	6331	H.109	6300-9
6080T	H.43	6300-4	6331	H.110	6300-9
6331	H.46	6300-4	6331	H.121	6300-9
6331	H.47	6300-4	6312	H.122	6300-9
6080T	H.49	6300-4	6312	H.123	6300-9
6331	H.50	6300-4	6311	H.125	6300-9
6333	H.54	6300-4	6331	H.126	6300-9
6331	H.55	6300-5	6331	H.127	6300-9
6331	H.56	6300-5	6331	H.128	6300-3
6332	H.57	6300-5	6331	H.129	6300-9
6331	H.58	6300-5	6331	H.131	6300-9
6333	H.59	6300-5	6331	H.132	6300-9
6331	H.63	6300-5	6333	H.137	6300-10
6331	H.65	6300-5	6311	H.138	6300-10
6331	H.67	6300-5	6331	H.139	6300-9

CALIBRATION DATA INDEX

INDICATOR, MANIFOLD PRESSURE & FUEL FLOW (6300 SERIES)

2 OF 2

<u>PART NO.</u>	<u>CODE NO.</u>	<u>PAGE NO.</u>	<u>PART NO.</u>	<u>CODE NO.</u>	<u>PAGE NO.</u>
6331	H.140	6300-9			
6331	H.145	6300-5			
6311A	H.146	6300-8			
6332	H.150	6300-10			
6333	H.151	6300-10			
6331	H.154	6300-10			
6331	H.156	6300-10			
6331	H.160	6300-10			
6333	H.161	6300-10			
6333	H.162	6300-10			
6331	H.164	6300-11			
6331	H.165	6300-11			
6333	H.167	6300-11			
6333	H.168	6300-11			
6331	H.169	6300-11			
6331	H.171	6300-11			
6331	H.172	6300-11			
6331	H.173	6300-11			
6331	H.174	6300-12			
6331	H.175	6300-12			
6331	H.176	6300-12			
6331	H.177	6300-12			
6331	H.178	6300-5			
6313	H.179	6300-12			
6331	H.182	6300-12			
6331	H.183	6300-12			
6331	H.184	6300-12			
6331	H.185	6300-13			
6331	H.186	6300-13			
6331	H.187	6300-13			
6333	H.192	6300-13			
6331	H.197	6300-13			
6331	H.202	6300-13			
6335	H.205	6300-13			
6331	H.207	6300-13			
6311	H.209	6300-14			
6331	H.211	6300-14			
6331	H.212	6300-14			
6331	H.213	6300-14			
6331	H.214	6300-14			
6313	H.215	6300-14			
6331	H.217	6300-14			
6331	H.218	6300-14			

CALIBRATION DATA

**6210 SERIES
FUEL FLOW INDICATORS**

UNITED INSTRUMENTS, INC.

**CALIBRATION DATA
6210 SERIES
INDICATOR, FUEL FLOW**

CODE: F.2
P/N: 6211 (6040-C0101)
CESSNA C662010-0101

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
2	4.3	0.3
6	5.9	0.4
10	8.7	0.4
14	12.9	0.4
18	18.5	0.5

CODE: F.3
P/N: 6211 (6040-C0102)
CESSNA C662010-0102

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	2.7	0.3
8	4.4	0.3
12	6.6	0.4
16	9.8	0.4
20	13.7	0.4
22	15.8	0.5

CODE: F.4
P/N: 6211 (6040-C0103)
CESSNA C662010-0103

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
6	4.7	0.3
10	6.3	0.4
14	8.7	0.4
18	11.9	0.4
22	16.0	0.5
RED LINE	18.5	0.5

CODE: F.10
P/N: 6213 (6042)
PIPER 24395, 28242-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.2	--
12	0.9	0.3
20	2.6	0.3
28	5.2	0.3
36	8.7	0.3
40	11.0	0.3

CODE: F.11
P/N: 6213 (6042)
PIPER 25144, 28243-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.20	--
8	1.18	0.3
16	3.36	0.3
22	6.05	0.3
26	8.62	0.3
28	10.11	0.3

CODE: F.12
P/N: 6211 (6042)
PIPER 26988

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.15	--
8	1.05	0.3
16	3.18	0.3
22	5.78	0.3
26	8.25	0.3
28	9.72	0.3

CODE: F.13
P/N: 6211 (6042)
PIPER 26988-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.15	--
10	1.37	0.4
16	3.37	0.4
22	6.64	0.4
28	11.82	0.4
RED LINE	14.00	0.4

CODE: F.14
P/N: 6213 (6042)
PIPER 22739

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0	--
10	1.1	0.2
14	2.3	0.2
18	3.9	0.2
22	5.9	0.25
RED LINE	8.0	0.25

**CALIBRATION DATA
6210 SERIES
INDICATOR, FUEL FLOW**

**CODE: F.15
P/N: 6213
REA M-04072A**

<u>IMP.GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	0.25	0.02
10	1.05	0.1
16	2.62	0.2
22	4.83	0.3
28	7.72	0.5
32	10.08	0.7

**CODE: F.16
P/N: 6211
PITTS AEROBATICS**

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0	--
5	0.076	0.3
10	2.9	0.3
15	6.3	0.3
20	11.5	0.3
RED LINE	12.0	0.3

**CODE:
P/N:
MAULE AIR**

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
---------------	------------	---------------------

**CODE:
P/N:**

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
---------------	------------	---------------------

**CODE:
P/N:**

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
---------------	------------	---------------------

**CODE:
P/N:**

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
---------------	------------	---------------------

CALIBRATION DATA

**6220 SERIES
FUEL FLOW INDICATORS**

UNITED INSTRUMENTS, INC.

**CALIBRATION DATA
6220 SERIES
INDICATOR, FUEL FLOW**

CODE: G.3
P/N: 6222 (6060-CM0402)
CESSNA C662007-0402N

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	2.5	0.3
4	5.2	0.3
10	7.9	0.4
16	12.55	0.4
22	18.9	0.5
RED LINE	20.1	0.5

CODE: G.4
P/N: 6222 (6060-CM425)
CESSNA CM2642-L5N

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	2.5	0.3
10	5.7	0.3
18	10.0	0.4
24	14.0	0.4
30	19.7	0.5

CODE: G.9
P/N: 6222 (6060-CM426)
CESSNA CM2642-L6N

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	2.5	0.3
10	5.7	0.3
18	10.0	0.4
24	14.0	0.4
30	19.7	0.5

CODE: G.10
P/N: 6222 (6060-CM040)
CESSNA C662007-0401N

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	2.5	0.3
8	6.85	0.4
14	10.8	0.4
18	14.5	0.4
22	18.9	0.5
RED LINE	20.1	0.5

CODE: G.11
P/N: 6221 (6060-C132)
CESSNA S-1513-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.3
4	5.0	0.3
8	7.1	0.4
12	10.6	0.4
16	15.5	0.5
RED LINE	18.5	0.5

CODE: G.13
P/N: 6222 (6060-CM424)
CESSNA CM2642-L4

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	1.5	0.3
10	4.7	0.3
16	7.8	0.4
20	10.8	0.4
24	14.8	0.4
28	20.1	0.5

CODE: G.14
P/N: 6221 (6060-2101)
CESSNA C662020-0101

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.1
50	5.0	0.2
100	9.0	0.3
150	15.5	0.5
190	21.7	0.5

CODE: G.15
P/N: 6221 (6060-2102)
CESSNA C662020-0102

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.8	0.1
50	7.05	0.3
100	13.2	0.4
120	16.65	0.5
RED LINE	20.1	0.5

**CALIBRATION DATA
6220 SERIES
INDICATOR, FUEL FLOW**

CODE: G.16
P/N: 6221 (6060-2103)
CESSNA C662020-0103

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	2.5	0.2
50	5.1	0.3
100	9.2	0.3
150	14.9	0.5
170	18.0	0.5
RED LINE	19.5	0.5

CODE: G.17
P/N: 6221 (6060-2104)
CESSNA C662020-0104

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.1
100	6.2	0.2
200	12.1	0.3
RED LINE	18.5	0.4

CODE: G.18
P/N: 6221 (6060-2105)
CESSNA C662020-0105

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.1
50	4.61	0.2
100	7.71	0.3
150	12.56	0.4
180	15.95	0.4
RED LINE	17.3	0.4

CODE: G.19
P/N: 6222 (6060-0501)
CESSNA C662007-0501

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.3
30	5.45	0.3
50	7.36	0.3
70	10.28	0.4
90	14.19	0.4
RED LINE	18.5	0.4

CODE: G.20
P/N: 6222 (6060-0502)
CESSNA C662007-0502

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.3
30	5.1	0.3
60	7.6	0.3
90	11.1	0.3
120	16.1	0.4
RED LINE	18.5	0.4

CODE: G.21
P/N: 6621 (6060-691)
BEECH 96-384069-1

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	1.5	--
8	4.0	0.3
16	8.8	0.2
24	15.9	0.3
RED LINE	17.5	--

CODE: G.23
P/N: 6222 (6060-0301)
CESSNA C662007-0301

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.3
4	5.0	0.3
8	7.1	0.4
12	10.6	0.4
16	15.5	0.5
RED LINE	18.5	0.5

CODE: G.25
P/N: (6060T)
PIPER 96394-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
2	0.05	--
6	0.95	0.2
10	2.75	0.2
14	5.4	0.4
18	8.9	0.4
19.2	10.0	0.4

**CALIBRATION DATA
6220 SERIES
INDICATOR, FUEL FLOW**

CODE: G.26
P/N: 6221 (6060-G26)
CESSNA C662040-0101

<u>LBS/HRx10</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.3
3	5.1	0.3
6	7.6	0.3
9	11.1	0.3
12	16.1	0.4
RED LINE	18.5	0.4

CODE: G.27
P/N: 6221 (6060-G27)
CESSNA C662040-0102

<u>LBS/HRx10</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.3
2	4.76	0.3
5	7.36	0.3
8	12.13	0.4
10	16.36	0.4
RED LINE	18.5	0.4

CODE: G.28
P/N: (6060T)
PIPER 46430

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	--
24	2.28	1.8
36	5.1	1.8
48	3.01	1.8
60	14.45	1.8
RED LINE	15.0	1.8

CODE: G.29
P/N: (6060T)
PIPER 52346

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
10	2.7	1.5
24	14.6	1.5
34	28.9	1.5
42	43.2	1.5
46	50.9	1.5

CODE: G.30
P/N: 6221 (6060-G30)
CESSNA C662020-0106

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	2.5	0.1
50	4.0	0.2
100	7.8	0.3
150	13.9	0.4
RED LINE	19.1	0.5

CODE: G.32
P/N: 6221 (6060-G32)
CESSNA C662040-0103

<u>LBS/HRx10</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.3
4	5.25	0.3
8	8.95	0.3
12	14.35	0.4
RED LINE	18.5	0.4

CODE: G.34
P/N: 6223
PIPER PS50031-8-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	0.5	0.2
8	1.7	0.2
12	3.95	0.3
16	6.85	0.4
RED LINE	10.5	0.4

CODE: G.35
P/N: 6223 (6062)
PIPER 32734

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	--
10	0.9	1.0
14	2.1	1.0
18	3.7	1.0
22	5.5	1.0
RED LINE	7.8	1.0

**CALIBRATION DATA
6220 SERIES
INDICATOR, FUEL FLOW**

CODE: G.36
P/N: 6222 (6062)
PIPER 52346

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
10	2.7	1.5
24	14.6	1.5
34	28.9	1.5
42	43.2	1.5
46	50.9	1.5

CODE: G.37
P/N: 6221 (6062)
PIPER 46430

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	--
18	1.27	1.8
30	3.55	1.8
42	6.88	1.8
54	11.42	1.8
RED LINE	15.0	1.8

CODE: G.38
P/N: 6221 (6060-G38)
CESSNA C662020-0107

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	2.5	0.2
50	5.1	0.3
100	9.2	0.3
150	14.9	0.5
170	18.0	0.5
RED LINE	19.5	0.5

CODE: G.39
P/N: 6221 (6060-G39)
CESSNA C662020-0108)

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	3.0	0.1
50	4.61	0.2
100	7.71	0.3
150	12.56	0.4
180	15.95	0.4
RED LINE	17.3	0.5

CODE: G.42
P/N: 6223 (6062)
PIPER 96394-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
2	0.05	--
6	0.95	0.2
10	2.75	0.2
14	5.4	0.4
18	8.9	0.4
RED LINE	10.0	0.4

CODE: G.43
P/N: 6221 (6062)
PIPER 32858

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	--
14	2.5	0.4
20	4.9	0.4
26	8.2	0.4
32	12.8	0.4

CODE: G.44
P/N: 6221 (6062)
PIPER 32858-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	--
14	2.7	0.6
18	4.3	0.6
24	7.4	0.6
28	10.2	0.6
36	19.0	0.6

CODE: G.45
P/N: 6221 (6062)
PIPER 43938

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.2	0.1
16	3.7	0.6
24	7.9	0.6
32	14.7	0.6
36	20.0	0.6

**CALIBRATION DATA
6220 SERIES
INDICATOR, FUEL FLOW**

CODE: G46, G.48, G.49
P/N: 6223 (6062)
PIPER 26821, 24536, 28241-2, 28050

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
2	0.3	--
6	0.85	--
10	2.6	0.25
14	5.2	0.25
RED LINE	7.0	0.25
18	8.2	0.25

CODE: G.47
P/N: 6223 (6062)
PIPER 31084, 33606

<u>GAL/HR</u>	<u>PSI:LEFT</u>	<u>PSI:RGT</u>	<u>TOL (+/-PSI)</u>
0	0	0.0	--
10	0.9	1.2	0.25
14	2.1	2.5	0.25
18	3.7	4.1	0.25
22	5.5	5.9	0.25
RED LINE	7.8	8.1	0.25

CODE: G.54
P/N: 6221 (6062)
PIPER 43379

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.2	--
10	1.1	0.2
16	2.9	0.2
24	7.0	0.2
32	12.5	0.3
RED LINE	14.0	0.3

CODE: G.55
P/N: 6221 (6060-G55)
CESSNA C662020-0109

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	2.5	--
50	5.8	0.2
100	11.0	0.3
150	20.5	0.4
155	21.7	0.4

CODE: G.56
P/N: 6221 (6062)
PIPER 980033-1

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	0.91	0.1
10	1.9	0.1
20	4.2	0.2
30	7.7	0.2
35	10.4	0.2
40	14.0	0.2

CODE: G.57
P/N: 6221 (6062)
PIPER 37341

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.5	0.2
8	5.75	0.2
10	6.7	0.3
15	10.0	0.3
20	14.3	0.4
25	20.0	0.4

CODE: G.58
P/N: 6221 (6062)
RILEY TURBOSTREAM (NO P/N)

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	3.0	0.1
50	5.0	0.2
100	9.0	0.3
150	15.5	0.5
190	21.7	0.5

CODE: G.59
P/N: 6222 (6062)
PIPER 52346-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
10	1.8	1.0
24	8.0	1.0
34	15.9	1.0
42	23.7	1.0
46	28.0	1.0

**CALIBRATION DATA
6220 SERIES
INDICATOR, FUEL FLOW**

**CODE: G.60
P/N: 6221 (6060)
CESSNA C662020-0110**

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	3.4	0.1
50	4.4	0.1
100	6.2	0.2
150	8.7	0.3
200	12.1	0.3
280	19.2	0.4

**CODE: G.65
P/N: 6221 (6060)
CESSNA C662020-0111**

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	3.6	0.1
50	4.4	0.1
100	6.2	0.2
150	8.7	0.3
200	12.1	0.3
280	19.2	0.4

**CODE: G.66
P/N: 6221
BEECH 96-384069-3**

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
2	2.0	0.3
6	3.59	0.3
10	5.7	0.2
14	8.4	0.2
18	11.84	0.3
22	17.75	0.3

**CODE: G.67
P/N: 6221
BEECH 96-380015-5**

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	1.5	0.3
6	3.5	0.3
12	5.8	0.2
18	10.0	0.2
24	15.9	0.3
RED LINE	17.5	0.3

**CODE: G.68
P/N: 6221
BEECH 96-380015-7**

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	1.5	--
4	2.72	0.3
10	5.7	0.2
16	10.0	0.2
RED LINE	17.5	0.3
22	17.75	0.3

**CODE: G.69
P/N: 6221
CESSNA C662020-0112**

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	2.5	0.2
40	5.15	0.2
70	7.55	0.3
100	11.0	0.3
130	16.2	0.4
RED LINE	21.7	0.4

**CODE: G.70
P/N: 6221
CESSNA C662020-0113**

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	2.5	0.2
50	5.1	0.3
100	9.2	0.3
150	14.9	0.5
RED LINE	19.5	0.5
180	19.7	0.5

**CODE: G.71
P/N: 6221
CESSNA C662020-0114**

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.1
50	5.0	0.2
100	9.0	0.3
150	15.5	0.5
RED LINE	21.7	0.5

**CALIBRATION DATA
6220 SERIES
INDICATOR, FUEL FLOW**

CODE: G.72
P/N: 6221
CESSNA C662020-0115

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.1
50	4.61	0.2
100	7.71	0.3
150	12.56	0.4
RED LINE	17.3	0.5

CODE: G.73
P/N: 6221
CESSNA C662040-0104

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.3
50	5.95	0.3
100	11.4	0.4
RED LINE	17.1	0.4

CODE: G.74
P/N: 6221
CESSNA C662020-0116

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.2
50	5.0	0.2
100	9.0	0.3
150	15.5	0.5
RED LINE	22.5	0.5

CODE: G.75
P/N: 6221
CESSNA C662040-0106

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.3
50	5.95	0.3
100	11.4	0.4
RED LINE	18.5	0.4

CODE: G.77
P/N: 6221
CESSNA C662020-0118

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.2
50	5.05	0.2
100	7.8	0.3
150	11.62	0.5
200	16.78	0.5
RED LINE	18.5	0.5

CODE: G.78
P/N: 6221
CESSNA C662020-0119

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.2
50	5.0	0.2
100	9.0	0.3
150	15.5	0.5
RED LINE	22.5	0.5

CODE: G.81
P/N: 6221
CESSNA C662020-0201

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	2.67	0.2
50	5.05	0.2
100	8.3	0.4
150	13.87	0.5
RED LINE	15.77	0.5

CODE: G.85
P/N: 6221
PIPER 37341-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
--	3.5	0.2
10	6.8	0.3
15	9.9	0.3
20	14.1	0.4
25	19.3	0.4
RED LINE	21.0	0.4

**CALIBRATION DATA
6220 SERIES
INDICATOR, FUEL FLOW**

CODE: G.87
P/N: 6222
PIPER 52346-4

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
10	1.8	1.0
24	8.0	1.0
34	15.9	1.0
42	23.7	1.0
46	28.0	1.0

CODE: G.107
P/N: 6221
KING'S ENGR 4467-3200

	<u>PSI</u>	<u>TOL (+/-PSI)</u>
55%	1.7	0.3
75%	2.9	0.3
2500&25"	4.9	0.3
TAKE OFF	7.3	0.3
RED LINE	14.0	0.3

CODE: G.109
P/N: 6224
TURBOTECH INC.

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
10	2.7	0.3
20	6.1	0.3
30	12.3	0.4
40	21.3	0.5
50	32.9	0.6

CODE: G.110
P/N: 6221
KING'S ENGR 4467-3200

<u>SP.MARK</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	0.25
55%	1.7	0.3
65%	2.3	0.3
75%	2.9	0.3
2500&25"	4.9	0.3
TAKE OFF	7.3	0.3
RED LINE	14.0	0.4

CODE: G.112
P/N: 6221
KING ENGINEERING 4467-3200,A

<u>SP.MARK</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
45%	1.5	0.3
65%	2.7	0.3
23"	4.1	0.3
29"	6.5	0.3
RED LINE	14.0	0.3

CODE:
P/N:

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
---------------	------------	---------------------

CALIBRATION DATA

**6300 SERIES
MANIFOLD PRESSURE & FUEL FLOW INDICATORS**

UNITED INSTRUMENTS, INC.

**CALIBRATION DATA
6300 SERIES
INDICATOR, MANIFOLD PRESSURE AND FUEL FLOW**

CODE: H.1
P/N: 6331 (6080-B06-5)
BEECH 33-380006-5

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	1.5	0.2
4	3.15	0.2
10	5.3	+ .2, -0
16	10.33	+ .2, -0
22	17.7	+ .3, -0

CODE: H.2, H.3
P/N: 6331 (6080-B543)
BEECH 35-380054-3, -5

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	1.5	--
4	3.0	0.2
10	5.0	+ .2, -0
16	8.8	0.3
20	11.8	0.3
24	15.9	0.3

CODE: H.5
P/N: 6331 (6080-C0202)
CESSNA C662001-0202

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	4.1	0.3
10	6.3	0.4
16	10.2	0.4
22	16.0	0.5
RED LINE	18.5	0.5

CODE: H.6
P/N: 6331 (6080-C0203)
CESSNA C662001-0203

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	4.0	0.3
10	5.8	0.3
18	9.5	0.4
26	15.2	0.5
30	18.8	0.5

CODE: H.7
P/N: 6331 (6080-C0204)
CESSNA C662001-0204

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
6	4.7	0.3
14	8.7	0.4
20	13.9	0.4
24	18.2	0.5
RED LINE	19.5	0.5

CODE: H.8, H.9
P/N: 6331 (6080-B06-3)
BEECH 33-380006-3, 33-380006

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	1.5	0.2
4	3.15	0.2
10	5.3	+ .2, -0
16	10.33	+ .2, -0
22	17.7	+ .3, -0

CODE: H.10
P/N: 6331 (6080-B541)
BEECH 35-380054-1

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	1.5	--
4	2.72	+/- 0.2
12	7.0	+ .2, -0
18	11.84	+/- 0.3
RED LINE	17.5	+/- 0.3
22	17.75	+/- 0.3

CODE: H.12
P/N: (6080-VB74)
PIPER 67474

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	--
4	0.35	0.2
12	3.95	0.3
18	8.9	0.4
19.2	10.0	0.4

**CALIBRATION DATA
6300 SERIES
INDICATOR, MANIFOLD PRESSURE AND FUEL FLOW**

CODE: H.13
P/N: 6331 (6080-C0205)
CESSNA C662001-0205

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	5.0	0.3
8	7.1	0.4
12	10.6	0.4
16	15.5	0.5
18	18.5	0.5

CODE: H.17
P/N: 6331
CESSNA C662001-0206

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	4.0	0.3
14	6.6	0.4
22	10.8	0.4
26	13.5	0.4
30	16.4	0.5
RED LINE	18.5	0.5

CODE: H.22
P/N: 6331 (6080-0301)
CESSNA C662001-0301

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.5	0.3
60	6.3	0.4
100	10.43	0.4
140	17.47	0.5
RED LINE	19.5	0.5

CODE: H.23
P/N: 6332 (6080-0302)
CESSNA C662001-0302

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	4.0	0.3
100	8.66	0.3
140	13.04	0.4
RED LINE	18.5	0.5
180	18.8	0.5

CODE: H.24
P/N: 6333 (6080-C0207)
CESSNA C662001-0207

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	0.5	0.2
8	1.85	0.2
12	4.15	0.3
16	7.2	0.4
RED LINE	10.0	0.4

CODE: H.27
P/N: 6331 (6080-161)
BEECH 33-380016-1

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	1.5	0.2
8	4.3	+ .2, -0
16	10.33	+ .2, -0
20	15.05	+ .3, -0
22	17.7	+ .3, -0

CODE: H.28, H.30, H.31
P/N: 6331 (6080-163, -171, -173)
BEECH 33-380016-3, 33-380017-1, -3

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	3.16	+/- 0.3
12	7.77	+ .2, -0
16	11.16	+ .2, -0
20	15.5	+/- 0.3
22	18.45	+/- 0.3

CODE: H.32
P/N: 6331 (6080-691)
BEECH 36-380006-1

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	1.5	--
8	4.0	+ .2, -0
16	8.8	+ .2, -0
22	13.8	+/- 0.3
RED LINE	17.5	+/- 0.3

**CALIBRATION DATA
6300 SERIES
INDICATOR, MANIFOLD PRESSURE AND FUEL FLOW**

CODE: H.33
P/N: 6331 (6080-693)
BEECH 36-380006-3

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	1.5	--
8	4.0	+ .2, -0
16	8.8	+ .2, -0
22	13.8	+/- 0.3
RED LINE	18.2	+/- 0.3

CODE: H.34
P/N: 6331 (6080-H34)
CESSNA C662037-0102

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	4.0	0.3
6	4.7	0.3
14	7.4	0.4
22	12.0	0.4
RED LINE	18.5	0.5
30	18.8	0.5

CODE: H.35
P/N: 6331 (6080-H35)

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.5	0.3
10	6.3	0.4
18	11.9	0.4
22	16.0	0.5
RED LINE	19.5	0.5

CODE: H.36
P/N: 6331 (6080-H36)
CESSNA C662037-0104

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	4.0	0.3
14	6.6	0.4
22	10.8	0.4
26	13.5	0.4
30	16.4	0.5
RED LINE	18.5	0.5

CODE: H.37
P/N: 6331 (6080-H37)
CESSNA C662037-0105

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.0	0.3
4	5.0	0.3
8	7.1	0.4
12	10.6	0.4
16	15.5	0.5
RED LINE	18.5	0.5

CODE: H.38
P/N: 6333 (6080-H38)
CESSNA C662037-0106)

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	0.5	0.2
8	1.85	0.2
12	4.15	0.3
16	7.2	0.4
RED LINE	10.0	0.4

CODE: H.39, H.128
P/N: 6331 (6080-H39)
CESSNA C662037-0201, C662037L0201

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	3.5	0.3
6	6.3	0.4
10	10.43	0.4
14	17.47	0.5
RED LINE	19.5	0.5

CODE: H.40
P/N: 6331 (6080-H40)
CESSNA C662037-0202

<u>LBS/HRx10</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
RED LINE	4.0	0.3
6	5.8	0.3
10	8.66	0.4
14	13.04	0.4
RED LINE	18.5	0.5
18	18.8	0.5

**CALIBRATION DATA
6300 SERIES
INDICATOR, MANIFOLD PRESSURE AND FUEL FLOW**

CODE: H.41
P/N: (6080T-H41)
Piper PS50031-7-4

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	0.31	0.2
10	1.18	0.2
15	2.93	0.3
20	4.87	0.3
25	7.56	0.4
30	11.25	0.4

CODE: H.42
P/N: (6080T-H42)
Piper PS50031-6-4

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
2	0.05	--
6	0.95	0.2
10	2.75	0.2
14	5.4	0.4
18	8.9	0.4
Red Line	12.0	0.5

CODE: H.43
P/N: (6080T)
Piper PS50031-9-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
1.7	4.0	0.2
10	7.23	0.2
20	13.9	0.2
26.5	20.2	0.3
28	21.91	0.3

CODE: H.46
P/N: 6331 (6080-H46)
Aero Commander 112-228

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	--
6	1.0	0.2
10	2.8	0.2
14	5.35	0.3
18	8.85	0.3
Red Line	12.0	0.4

CODE: H.47
P/N: 6331 (6080)
Bellanca 196756

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	4.6	0.3
8	5.8	0.3
12	7.8	0.3
16	10.6	0.3
20	14.0	0.4
24	17.7	0.4

CODE: H.49
P/N: (6080T)
Piper PS50031-5-4

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	--
4	0.35	0.2
12	3.95	0.3
18	8.9	0.4
19.2	10.0	0.4

CODE: H.50
P/N: 6331 (6080)
REA (SAAB) 6080

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
2	0.05	--
6	0.95	0.2
10	2.75	0.2
14	5.4	0.4
18	8.9	0.4
Red Line	12.0	0.5

CODE: H.54
P/N: 6333 (6082)
Piper PS50031-5-4

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	--
4	0.35	0.2
12	3.95	0.3
18	8.9	0.4
19.2	10.0	0.4

**CALIBRATION DATA
6300 SERIES
INDICATOR, MANIFOLD PRESSURE AND FUEL FLOW**

CODE: H.55, H.145
P/N: 6331 (6080)
Piper PS50031-6-4, -22

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
2	0.05	--
6	0.95	0.2
10	2.75	0.2
14	5.4	0.4
18	8.9	0.4
Red Line	12.0	0.5

CODE: H.56
P/N: 6331 (6080)
Piper PS50031-7-4, 99011

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	0.31	0.2
10	1.18	0.2
15	2.93	0.3
20	4.87	0.3
25	7.56	0.4
30	11.25	0.4

CODE: H.57
P/N: 6332 (6082)
Piper PS50031-9-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
1.7	4.0	0.2
10	7.23	0.2
20	13.90	0.2
26.5	20.20	0.3
28	21.91	0.3

CODE: H.58
P/N: 6331 (6082)
Bellanca 196756

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	4.6	0.3
8	5.8	0.3
12	7.8	0.3
16	10.6	0.3
20	14.0	0.4
24	17.7	0.4

CODE: H.59
P/N: 6333 (6082)
REA (No P/N)

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	1.1	0.2
8	2.4	0.3
12	4.7	0.3
16	7.75	0.4
18.7	10.55	0.4

CODE: H.63
P/N: 6331
Piper PS50031-10-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	--
10	1.18	0.2
20	4.87	0.3
30	11.25	0.4
35	14.69	0.4

CODE: H.65
P/N: 6331
Piper PS50031-11-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	4.5	0.1
10	5.7	0.1
20	9.7	0.2
30	15.6	0.3
32.4	17.3	0.3

CODE: H.67, H.178
P/N: 6331
Commander (No P/N) // GROB

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	0.2
14	2.45	0.2
18	4.0	0.3
22	5.8	0.4
24	6.9	0.4
Red Line	9.5	0.4

**CALIBRATION DATA
6300 SERIES
INDICATOR, MANIFOLD PRESSURE AND FUEL FLOW**

CODE: H.70
P/N: 6331
Cessna C662037-0108

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
Red Line	3.0	0.3
6	5.9	0.4
10	8.7	0.4
14	12.9	0.4
Red Line	17.0	0.5
18	18.5	0.5

CODE: H.72
P/N: 6331
Cessna C662037-0107

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
Red Line	4.0	0.3
8	5.4	0.3
14	7.7	0.4
20	11.1	0.4
26	15.3	0.5
Red Line	19.5	0.5

CODE: H.73
P/N: 6331
Cessna C662037-0203

<u>LBS/HRx10</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
Red Line	4.0	0.3
6	6.1	0.4
10	9.1	0.4
14	13.3	0.4
18	18.6	0.5
Red Line	19.5	0.5

CODE: H.74
P/N: 6333
Mooney (No P/N)

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	0.2
5	0.75	0.2
10	2.9	0.3
15	6.35	0.3
Red Line	10.0	0.4

CODE: H.75
P/N: 6331
Beech 35-380054-7

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	4.4	0.3
8	5.8	0.3
12	7.8	0.3
16	10.6	0.2
20	14.0	0.2
24	18.0	0.3

CODE: H.76, H.77, H.78
P/N: 6313
Beech 169-380035, -1, -3

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	0.5	+2, -0
8	1.9	+2, -0
12	4.2	+2, -0
16	7.25	+2, -0
20	11.5	0.3
Red Line	12.0	0.3

CODE: H.79
P/N: 6331
Cessna C662037-0109

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
Red Line	3.0	0.3
8	5.4	0.3
14	7.7	0.4
20	11.1	0.4
26	15.3	0.5
Red Line	19.5	0.5

CODE: H.80, H.81
P/N: 6331
Cessna C662037-0204, -0205

<u>LBS/HRx10</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
Red Line	3.0	0.3
6	6.1	0.4
12	11.2	0.4
16	15.8	0.5
Red Line	19.5	0.5
19	20.2	0.5

**CALIBRATION DATA
6300 SERIES
INDICATOR, MANIFOLD PRESSURE AND FUEL FLOW**

CODE: H.82
P/N: 6333
Fresno (No P/N)

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	0.2
10	0.7	0.2
20	2.8	0.3
30	6.2	0.3
Red Line	7.9	0.4
36	8.9	0.4

CODE: H.83
P/N: 6331
Piper PS50031-12-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	0.3	0.2
10	0.7	0.2
20	2.8	0.3
30	6.2	0.3
40	10.4	0.4
45	12.2	0.4

CODE: H.86
P/N: 6331
Pitts Aerobatic (No P/N)

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	0.3
5	0.76	0.3
10	2.9	0.3
15	6.3	0.3
20	11.5	0.3
Red Line	12.0	0.3

CODE: H.87
P/N: 6313
Rajay R4236

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	0.5	+2, -0
8	1.9	+2, -0
12	4.2	+2, -0
16	7.25	+2, -0
20	11.5	+/-3
Red Line	12.0	+/-3

CODE: H.88, H.89
P/N: 6311
Beech 36-380053-1, -3

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	4.2	0.7
10	5.1	0.5
20	8.4	0.3
30	13.2	0.4
35	16.4	0.6

CODE: H.90
P/N: 6331
Cessna C662037-0110

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
Red Line	4.2	0.3
8	5.4	0.3
16	8.0	0.4
24	12.0	0.4
32	17.4	0.5
Red Line	17.8	0.5

CODE: H.91
P/N: 6333
Valmet Vinka (No P/N)

<u>LIT/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	0.2
20	0.8	0.2
40	3.2	0.3
60	7.1	0.4
70	9.6	0.4

CODE: H.92, H.93
P/N: 6311
Beech 36-380053-5, -7

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	4.2	0.7
10	5.1	0.5
20	8.4	0.3
30	13.2	0.4
35	16.4	0.6

**CALIBRATION DATA
6300 SERIES
INDICATOR, MANIFOLD PRESSURE AND FUEL FLOW**

CODE: H.95
P/N: 6331
Piper PS50031-16-2

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	0.31	0.2
10	1.18	0.2
20	4.87	0.3
25	7.56	0.3
30	11.25	0.4
35	14.0	0.4

CODE: H.98
P/N: 6331
Aerotek, Inc. (No P/N)

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	0.3
10	1.23	0.3
20	4.9	0.3
25	7.55	0.3
27	9.0	0.3

CODE: H.100
P/N: 6314
Machen, Inc. (No P/N)

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
10	1.2	0.5
20	5.0	0.5
30	10.8	0.5
40	21.3	0.6
Red Line	34.0	0.6

CODE: H.102
P/N: 6333
Hindustan Aeronautics Ltd. (No P/N)

<u>LIT/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
20	0.4	0.2
40	1.35	0.2
60	3.1	0.3
80	5.35	0.3
100	8.52	0.4

CODE: H.103
P/N: 6333
Christen Industries 50599-001

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	0.2
6	1.05	0.2
9	2.35	0.3
12	4.15	0.3
15	6.35	0.3
Red Line	10.0	0.4

CODE: H.106
P/N: 6331
Cessna C662037-0206

<u>LBS/HRx10</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
Red Line	3.0	0.3
6	6.1	0.4
10	9.1	0.4
14	13.3	0.4
18	18.6	0.5
Red Line	21.0	0.5

CODE: H.107
P/N: 6311A
Piper 87377-3

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	0.2
20	5.6	0.4
28	10.5	0.4
36	17.4	0.5
Red Line	22.0	0.5
42	23.4	0.5

CODE: H.108, H.146
P/N: 6311A
Piper 87375-2, -3

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
--	3.5	0.2
10	6.67	0.2
15	10.0	0.2
20	14.33	0.2
Red Line	19.0	0.2

**CALIBRATION DATA
6300 SERIES
INDICATOR, MANIFOLD PRESSURE AND FUEL FLOW**

CODE: H.109
P/N: 6331
Piper (No P/N)

<u>LB/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	--
60	1.16	+/- .2
120	4.86	+/- .3
180	10.9	+/- .4
Red Line	14.0	+0, -.6
210	15.1	+/- .6

CODE: H.110, H.121
P/N: 6331
Cessna C662037-0207, -0209

<u>LBS/HRx10</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
Red Line	3.0	0.3
4	5.0	0.3
10	9.1	0.4
16	15.8	0.5
Red Line	19.5	0.5
19	20.2	0.5

CODE: H.122, H.123
P/N: 6312
Enstrom ECD 076-11, ECD 077-11

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
	5.0	0.5
	10.0	0.5
	15.0	0.5
	20.0	0.5
	25.0	0.5

CODE: H.125
P/N: 6311
Helio 10720, SK2001

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	0.2	0.2
16	1.8	0.2
30	6.2	0.3
36	8.9	0.4
40	11.0	0.4

CODE: H.126, H.127
P/N: 6331
Cessna C66203710210, C662037-0210

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
Red Line	3.5	0.3
100	6.9	0.4
160	10.7	0.4
200	14.4	0.4
Red Line	16.9	0.5

CODE: H.129
P/N: 6331
Beryl D'Shannon Aviation

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
Red Line	3.5	0.3
10	6.75	0.3
18	11.3	0.4
22	14.6	0.4
Red Line	19.5	0.5

CODE: H.131
P/N: 6331
Parks Ind. PI-380005

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
2	4.15	0.3
12	7.6	0.4
20	12.8	0.4
24	16.5	0.5
28	20.7	0.5

CODE: H.132, H.139, H.140
P/N: 6331
Socata

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
2	0.1	0.2
14	2.5	0.2
22	6.2	0.3
26	8.6	0.4
32	12.9	0.4

**CALIBRATION DATA
6300 SERIES
INDICATOR, MANIFOLD PRESSURE AND FUEL FLOW**

CODE: H.137
P/N: 6333
B & D Instruments 4143-3

<u>LIT/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
20	0.42	1.8
40	1.35	1.8
60	3.15	1.8
80	5.35	1.8
100	8.55	1.8
110	10.8	1.8

CODE: H.138
P/N: 6311
Turbotech Inc.

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
50	1.7	0.2
100	3.5	0.2
150	5.85	0.3
200	9.65	0.3
230	12.25	0.3
260	15.1	0.4

CODE: H.150
P/N: 6332
Industria Aeronautica Neiva S/A

<u>GPH</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
Red Line	3.5	0.3
14	8.95	0.4
18	11.85	0.4
24	17.6	0.5
Red Line	21.0	0.5

CODE: H.151
P/N: 6333
Maule Air Inc.

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
8	0.8	0.2
16	3.2	0.3
22	5.8	0.3
26	8.4	0.4
Red Line	8.9	0.4

CODE: H.154
P/N: 6331
Aerospatiale Inc.

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
40	1.27	0.2
60	2.95	0.3
80	5.07	0.3
100	7.88	0.3
120	11.5	0.4

CODE: H.156
P/N: 6331
Otto Instruments

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
20	4.6	0.2
60	9.0	0.3
80	12.4	0.3
100	16.5	0.3
120	21.6	0.4

CODE: H.160
P/N: 6331
Barfield Instrument Corp.

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	0.7	0.2
10	2.8	0.2
15	6.2	0.3
18	8.8	0.4
20	11.1	0.4

CODE: H.161, H.162
P/N: 6333
Sun Aviation

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
Red Line	0.2	0.2
50	2.0	0.2
70	3.9	0.3
90	6.3	0.3
100	7.8	0.4
Red Line	9.9	0.4

**CALIBRATION DATA
6300 SERIES
INDICATOR, MANIFOLD PRESSURE AND FUEL FLOW**

CODE: H.164
P/N: 6331
Sun Aviation

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	0.78	0.2
10	2.92	0.3
14	5.57	0.3
18	9.25	0.4
20	11.5	0.4

CODE: H.165
P/N: 6331
Secotec Limited

<u>LBS/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
30	0.3	0.2
90	2.79	0.3
150	7.8	0.4
180	11.28	0.4
210	15.4	0.5

CODE: H.167
P/N: 6333
GROB

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
6	1.06	0.2
10	2.91	0.3
14	5.54	0.4
16	7.22	0.4
19	10.3	0.4

CODE: H.168
P/N: 6333
GROB

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	0.48	0.2
8	1.82	0.2
12	4.0	0.3
14	5.37	0.4
16	7.0	0.4

CODE: H.169
P/N: 6331
Sun Aviation

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
10	1.24	0.3
15	2.76	0.3
22	6.02	0.3
25	7.81	0.3
30	11.3	0.4

CODE: H.171
P/N: 6331
Skystart Aircraft Corp.

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
2	4.76	0.3
6	7.5	0.3
8	9.9	0.4
10	13.3	0.4
11.5	16.1	0.4

CODE: H.172
P/N: 6331
Lancair International Inc.

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	4.85	0.3
10	6.95	0.3
14	9.1	0.3
18	11.9	0.4
22	15.4	0.4

CODE: H.173
P/N: 6331
Lancair International Inc.

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
10	4.7	0.3
20	6.8	0.3
30	10.3	0.3
35	12.4	0.4
Red Line	16.6	0.4

**CALIBRATION DATA
6300 SERIES
INDICATOR, MANIFOLD PRESSURE AND FUEL FLOW**

CODE: H.174
P/N: 6331
Sun Aviation (HOAC Austria)

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	0.6	0.3
12	4.08	0.3
16	7.08	0.3
20	11.1	0.3
Red Line	12.0	0.3

CODE: H.175
P/N: 6331
Sun Aviation

<u>IMP.GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	0.71	0.3
8	2.69	0.3
12	5.9	0.3
14	8.0	0.3
Red Line	12.0	0.3

CODE: H.176
P/N: 6331
Nogel & Black Aviation Inc

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	4.6	0.3
12	7.6	0.4
20	12.8	0.4
24	16.5	0.5
28	20.7	0.5

CODE: H.177
P/N: 6331
Lancair International Inc.

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	4.6	0.3
10	8.0	0.3
14	11.9	0.3
16	13.9	0.4
20	18.1	0.4

CODE: H.179
P/N: 6313
Pacific Aerospace Corp.

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	0.3	0.3
20	2.60	0.3
28	5.10	0.3
36	8.25	0.4
40	10.0	0.4

CODE: H.182
P/N: 6331
GROB - Werke GMBH & Co. KG

<u>LIT/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
0	0.0	0.2
50	2.1	0.2
70	4.2	0.3
90	6.8	0.4
100	8.5	0.4
Red Line	9.5	0.4

CODE: H.183
P/N: 6331
Ronaire Aviation Corp.

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	4.65	0.3
14	9.3	0.3
18	12.3	0.3
22	16.0	0.4
27.4	21.9	0.4

CODE: H.184
P/N: 6331
Skystar Aircraft Corp.

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
2	4.7	0.3
6	7.5	0.3
8	9.9	0.3
10	13.3	0.3
11.5	16.2	0.4

**CALIBRATION DATA
6300 SERIES
INDICATOR, MANIFOLD PRESSURE AND FUEL FLOW**

CODE: H.185
P/N: 6331
Air Plains Services Corp

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
Red Line	3.5	0.3
12	7.4	0.4
14	8.7	0.4
18	11.9	0.4
22	16	0.5
Red Line	19.5	0.5

CODE: H.186
P/N: 6331
Sun Aviation Inc.

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	0.31	0.3
15	2.93	0.3
25	7.56	0.4
30	11.25	0.4
35	14.0	0.4

CODE: H.187
P/N: 6331
Bellanca, Inc. - 206454

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
-	3.5	0.3
10	6.8	0.3
18	12.3	0.4
22	15.7	0.4
-	18.5	0.4

CODE: H.192
P/N: 6333
GROB - Werke GMBH & Co. KG

<u>LIT/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
20	0.72	0.2
40	3.07	0.3
50	4.85	0.3
65	8.05	0.4
Red Line	10.00	0.4

CODE: H.197
P/N: 6331
Pacific Aerospace - INS50-6

<u>LIT/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
20	0.3	0.3
60	3.1	0.3
80	5.6	0.3
100	8.8	0.3
120	12.9	0.4

CODE: H.202
P/N: 6331
Aermacchi - NS5F016-1

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
8	0.8	0.3
16	3.2	0.3
24	6.9	0.3
28	9.9	0.4
-	12	0.4

CODE: H.205
P/N: 6331
CS Industries

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
2	4.15	0.3
16	9.9	0.4
20	12.8	0.4
24	16.5	0.5
28	20.7	0.5

CODE: H.207
P/N: 6311
Piper PS50031-23 (602-308)

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
10	0.60	0.2
20	2.90	0.3
30	7.00	0.3
35	9.80	0.3
40	12.50	0.4

**CALIBRATION DATA
6300 SERIES
INDICATOR, MANIFOLD PRESSURE AND FUEL FLOW**

CODE: H.209
P/N: 6311
Piper PS50031-24 (602-321)

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
10	1.2	0.2
20	5.0	0.3
30	11.3	0.3
35	15.5	0.4
40	20.2	0.4

CODE: H.211
P/N: 6331
Embraer - 7320830

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	0.4	0.2
20	4.9	0.2
30	10.0	0.3
35	13.6	0.3
41.3	17.3	0.3

CODE: H.212
P/N: 6331
Extra

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
6	1.1	0.3
10	2.9	0.3
14	5.5	0.3
18	9.2	0.4
-	12.0	0.4

CODE: H.213
P/N: 6331
Western Skyways V35-1000-1

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	4.4	0.3
15	7.2	0.3
25	11.4	0.4
35	16.6	0.4
40	19.4	0.4

CODE: H.214
P/N: 6331
Aviation Products Systems, Inc

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
4	4.7	0.2
14	9.2	0.3
20	14.0	0.4
24	18.2	0.4
28	23.6	0.4

CODE: H.215
P/N: 6313
Alamo Aerospace PN 1305

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
6	0.45	0.3
14	2.40	0.3
18	4.00	0.3
22	5.85	0.4
26	8.25	0.4

CODE: H.217
P/N: 6331
Sun Aviation

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	0.31	0.3
15	2.93	0.3
25	7.56	0.4
30	11.25	0.4
35	14.00	0.4

CODE: H.218
P/N: 6331
Embraer - 7320868

<u>GAL/HR</u>	<u>PSI</u>	<u>TOL (+/-PSI)</u>
5	0.31	0.02
15	2.93	0.3
25	7.56	0.3
30	11.25	0.4
35	14.00	0.4