

AD Dome Speed Commands

15 December 2004

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¹\$Header: d:/TXB-S422/speeds/RCS/SpeedsA.tex,v 1.14 2004-12-15 12:59:41-08 Hamilton Exp
Hamilton \$

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1 About these plots

1. On each graph:
 - The X Axis shows the speed in °/second.
 - The Y Axis indicates the number of times that “this” speed was observed.
2. The actual speeds and counts are shown in the attached tables. On the tables the speeds the tops and sides of the table are the camera speed in °/sec and the body is the count of observations.
3. The following names have been used in naming the various files:
 - 3.1. **AP** All Pelco. This consists of all Pelco originated data plotted as one file.
 - 3.1.1. **APdD**: All Pelco Down
 - 3.1.2. **APID**: All Pelco Left
 - 3.1.3. **APrD**: All Pelco Right
 - 3.1.4. **APuD**: All Pelco Up
 - 3.2. **C2083** This is data collected at Pelco from our AD-2083-2.
 - 3.2.1. **C2083D**: AD-2083-2 at Pelco Down
 - 3.2.2. **C2083L**: AD-2083-2 at Pelco Left
 - 3.2.3. **C2083R**: AD-2083-2 at Pelco Right
 - 3.2.4. **C2083U**: AD-2083-2 at Pelco Up
 - 3.2.5. **Crl**: Pelco’s AD-2083’s pan, used in plotting the speed curve.
 - 3.2.6. **Cud**: Pelco’s AD-2083’s tilt, used in plotting the speed curve.
 - 3.3. **C96** This consists of data collected at Pelco from one of our VM-96 units. It is unknown which was in use. Both probably give the same results. (As I remember.)
 - 3.3.1. **C96D**: VM-96 at Pelco Down
 - 3.3.2. **C96L**: VM-96 at Pelco Left
 - 3.3.3. **C96R**: VM-96 at Pelco Right
 - 3.3.4. **C96U**: VM-96 at Pelco Up
 - 3.3.5. **C9rl**: Pelco’s VM-96’s pan, used in plotting the speed curve.
 - 3.3.6. **C9ud**: Pelco’s VM-96’s tilt, used in plotting the speed curve.
 - 3.4. **Clo** Data collected from the VM-96 at Sears Clovis.
 - 3.4.1. **CloD**: VM-96 at Sears Clovis Down
 - 3.4.2. **CloL**: VM-96 at Sears Clovis Left
 - 3.4.3. **CloR**: VM-96 at Sears Clovis Right
 - 3.4.4. **CloU**: VM-96 at Sears Clovis Up
 - 3.4.5. **Crlr**: Sears Clovis’ pan, used in plotting the speed curve.

- 3.4.6. **Clud:** Sears Clovis' tilt, used in plotting the speed curve.
- 3.5. **Macy** Data collected from the Ala Moana Macy's VM-96 in Hawaii.
 - 3.5.1. **MacyDown:** VM-96 at Macy's Hawaii Down
 - 3.5.2. **MacyLeft:** VM-96 at Macy's Hawaii Left
 - 3.5.3. **MacyRight:** VM-96 at Macy's Hawaii Right
 - 3.5.4. **MacyUp:** VM-96 at Macy's Hawaii Up
 - 3.5.5. **Mrl:** Macy's pan, used in plotting the speed curve.
 - 3.5.6. **Mud:** Macy's tilt, used in plotting the speed curve.
- 3.6. **MGM** Data from the MGM Grand's AD-1024/AD-2083 system.
 - 3.6.1. **MGMDownD:** AD-1024/AD-2083 at Las Vegas MGM Down
 - 3.6.2. **MGMLeftD:** AD-1024/AD-2083 at Las Vegas MGM Left
 - 3.6.3. **MGMRightD:** AD-1024/AD-2083 at Las Vegas MGM Right
 - 3.6.4. **MGMUpD:** AD-1024/AD-2083 at Las Vegas MGM Up
 - 3.6.5. **Mgrl:** MGM Grand's pan, used in plotting the speed curve.
 - 3.6.6. **Mgud:** MGM Grand's tilt, used in plotting the speed curve.
- 3.7. Items ending in **60** are the tilt data plotted so that only the first 60°/sec of **pan** motion is displayed. This was done so that the data relationships are somewhat more evident.
- 3.8. Items ending in **P** are pan data that had to have a unique identifier. Usually these are .inc files for LaTeX to use.
- 3.9. Extensions:
 - 3.9.1. .DAT Data files.
 - 3.9.2. .GP GnuPlot control files.
 - 3.9.3. .INC LaTeX include files.

1.1 Description of a typical set of plots

In each section of plots there are usually several plots. These are:

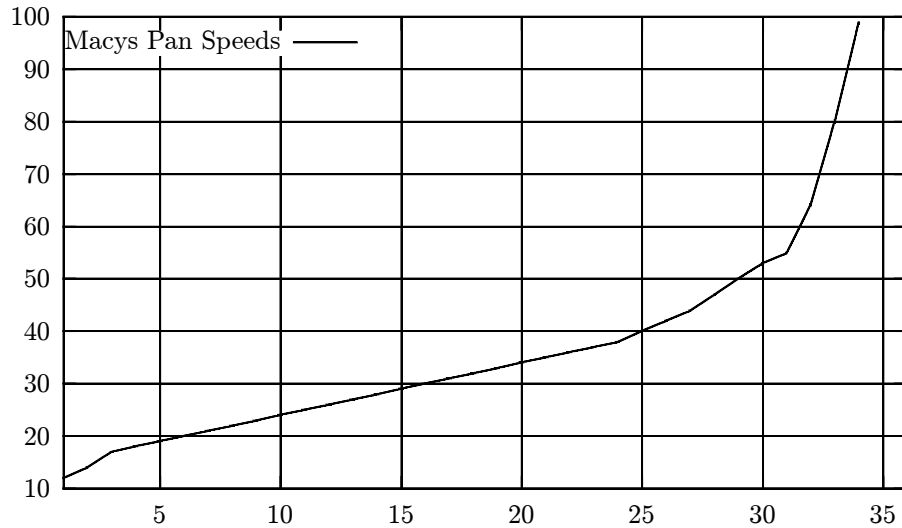
1. There is a plot of the number of actions taken at different speeds. A typical example is shown in Figure 2.3, page 7. On this plot a count was made of how many times each speed was used and that was used as the Y axis. The X axis is the actual speed used. I.e. on Figure 2.2, page 6 there were 99 uses of a pan left 20°/sec command. The indicated speed was taken from the Sensormatic protocol definition of the requested speed. There is no indication that the actual dome moves at the requested speed.
2. There is a plot of the actual pan, or tilt, speeds used. A typical example is shown in Figure 2.1, page 5. This plot is made by plotting different angular rates of rotation on the Y axis and the "occurrence number" of that speed. I.e. on Figure 2.1, page 5 the first speed was 7°/sec and the thirteenth was 25°/sec. Note that the speeds are not "smooth" between different steps.

3. There is a table of the actual values that are being plotted. A typical example is shown in Table 2.5, page 9.
4. On many pan plots there is an additional plot that is limited to $60^\circ/\text{sec}$. This is done to emphasize the slower pan speeds. Tilt speeds usually go at about half the speeds of pan speeds and limiting the speeds to $60^\circ/\text{sec}$ wasn't needed.

2 Speeds of the VM-96 system at Hawaii

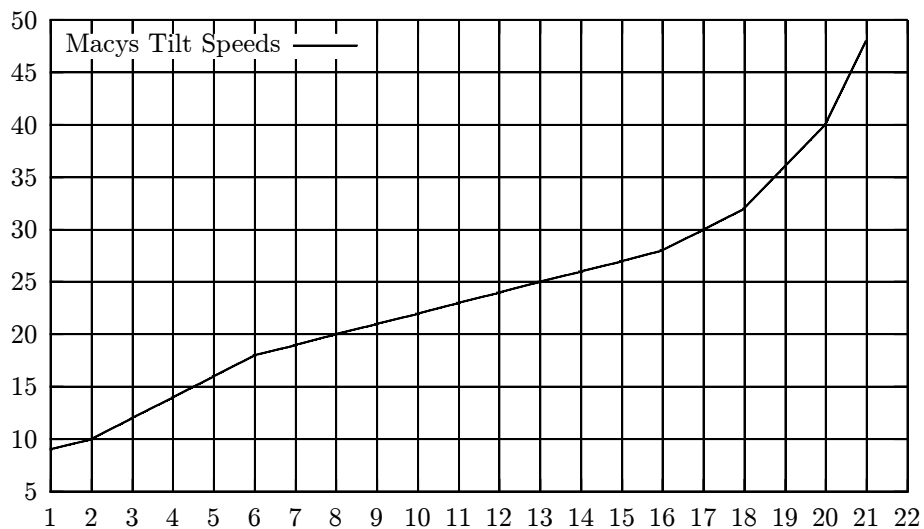
All data was collected during July 2004 in Hawaii.

2.1 Pan and Tilt speeds used



Wed Dec 15 10:02:53 2004

[mrlp]



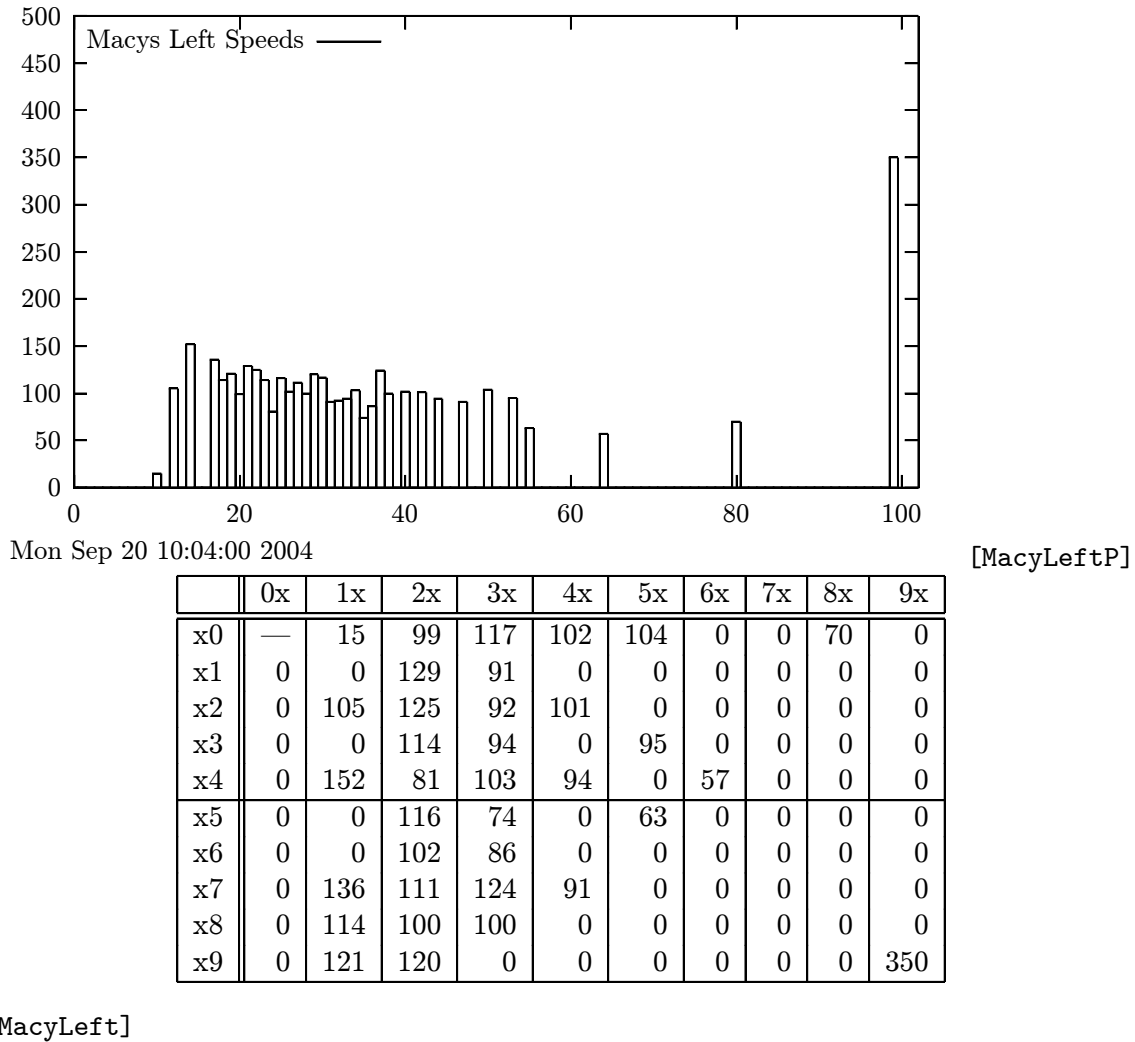
Wed Dec 15 10:02:48 2004

[mudp]

²\$Header: d:/TXB-S422/speeds/RCS/MrlP.inc,v 1.4 2004-12-15 11:11:39-08 Hamilton Exp Hamilton \$

³\$Header: d:/TXB-S422/speeds/RCS/MudP.inc,v 1.4 2004-12-15 11:11:39-08 Hamilton Exp Hamilton \$

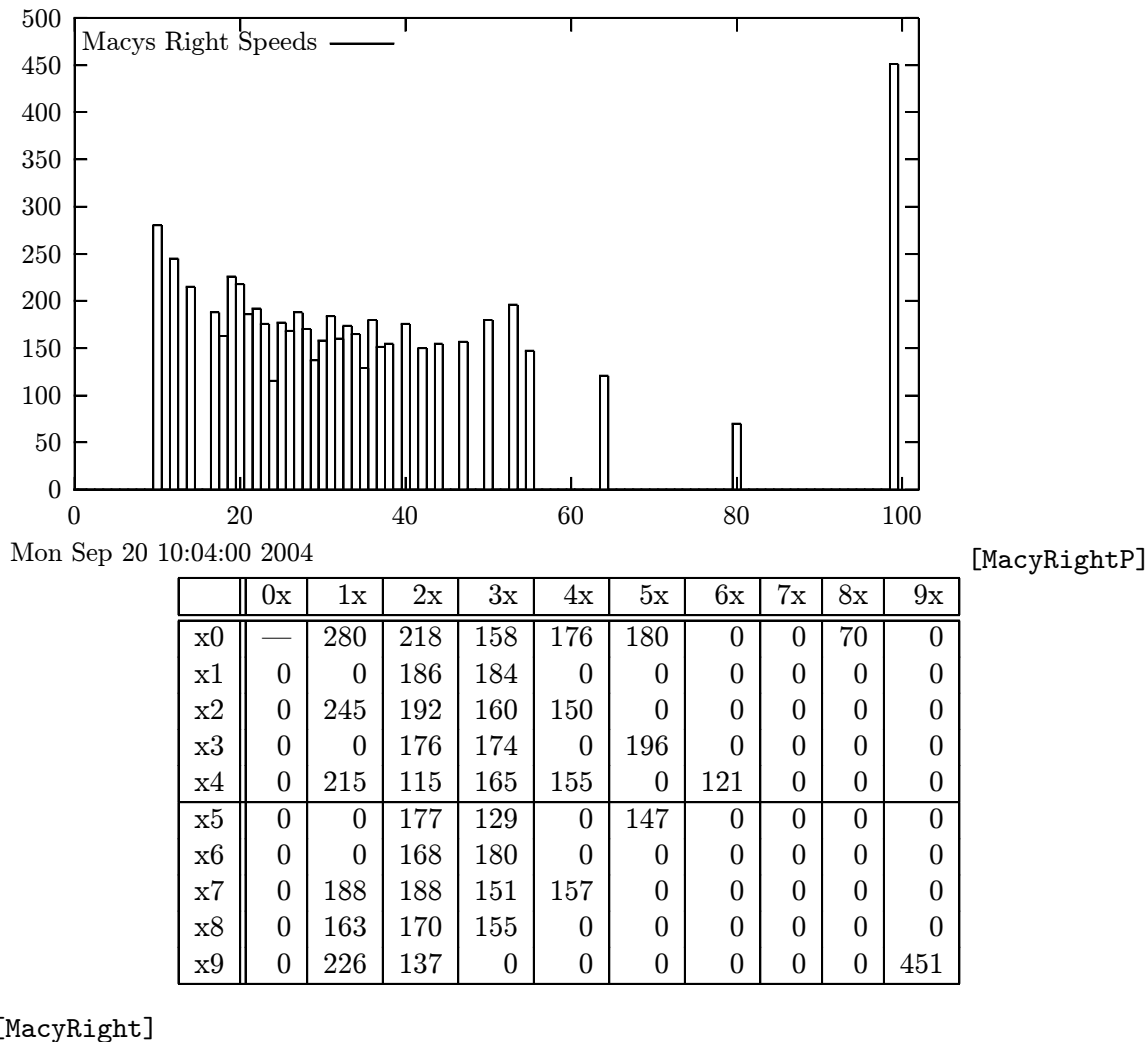
2.2 Pan Left Speeds



⁴\$Header: d:/TXB-S422/speeds/RCS/MacyLeftP.inc,v 1.6 2004-12-15 11:11:38-08 Hamilton Exp
Hamilton \$

⁵\$Header: d:/TXB-S422/speeds/RCS/MacyLeft.inc,v 1.4 2004-12-15 11:11:37-08 Hamilton Exp
Hamilton \$

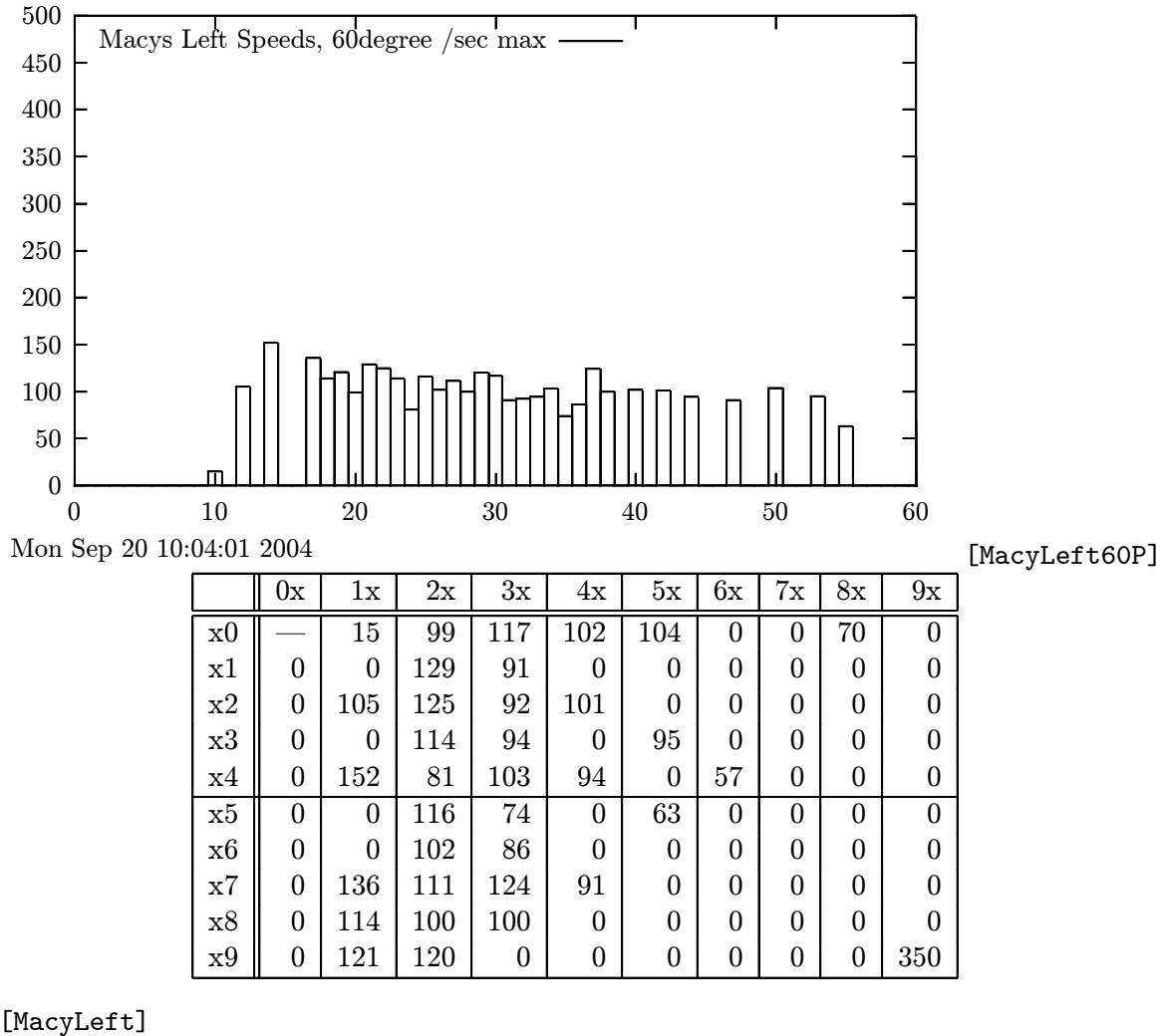
2.3 Pan Right Speeds



⁶\$Header: d:/TXB-S422/speeds/RCS/MacyRightP.inc,v 1.6 2004-12-15 11:11:38-08 Hamilton Exp
Hamilton \$

⁷\$Header: d:/TXB-S422/speeds/RCS/MacyRight.inc,v 1.4 2004-12-15 11:11:38-08 Hamilton Exp
Hamilton \$

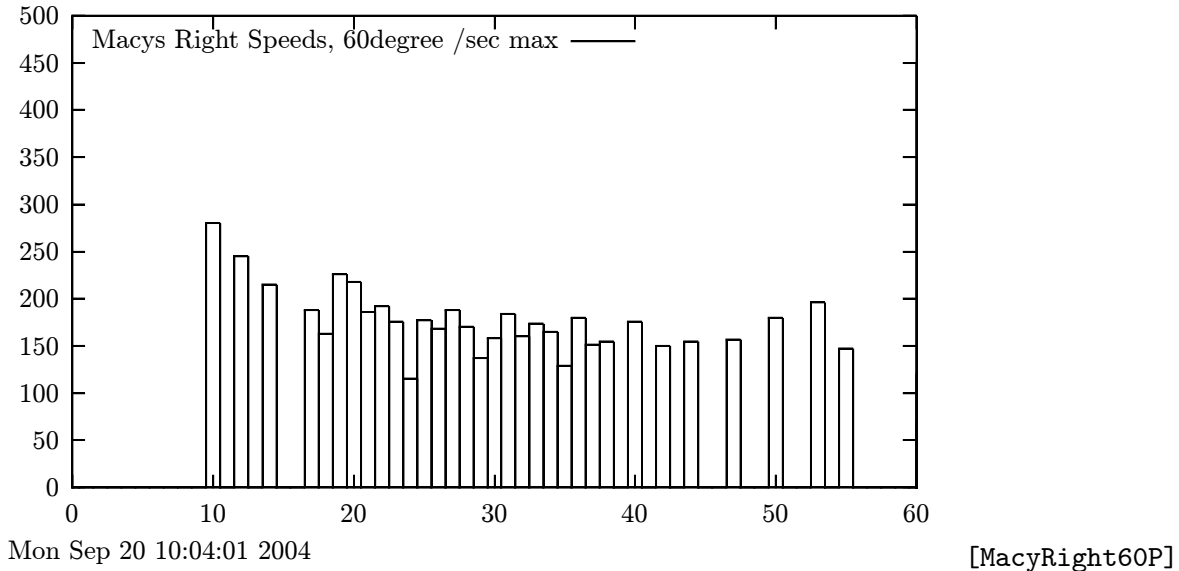
2.4 Pan Left Speeds, 60°/sec max



⁸\$Header: d:/TXB-S422/speeds/RCS/MacyLeft60P.inc,v 1.6 2004-12-15 11:11:38-08 Hamilton Exp
Hamilton \$

⁹\$Header: d:/TXB-S422/speeds/RCS/MacyLeft.inc,v 1.4 2004-12-15 11:11:37-08 Hamilton Exp
Hamilton \$

2.5 Pan Right Speeds, 60°/sec max



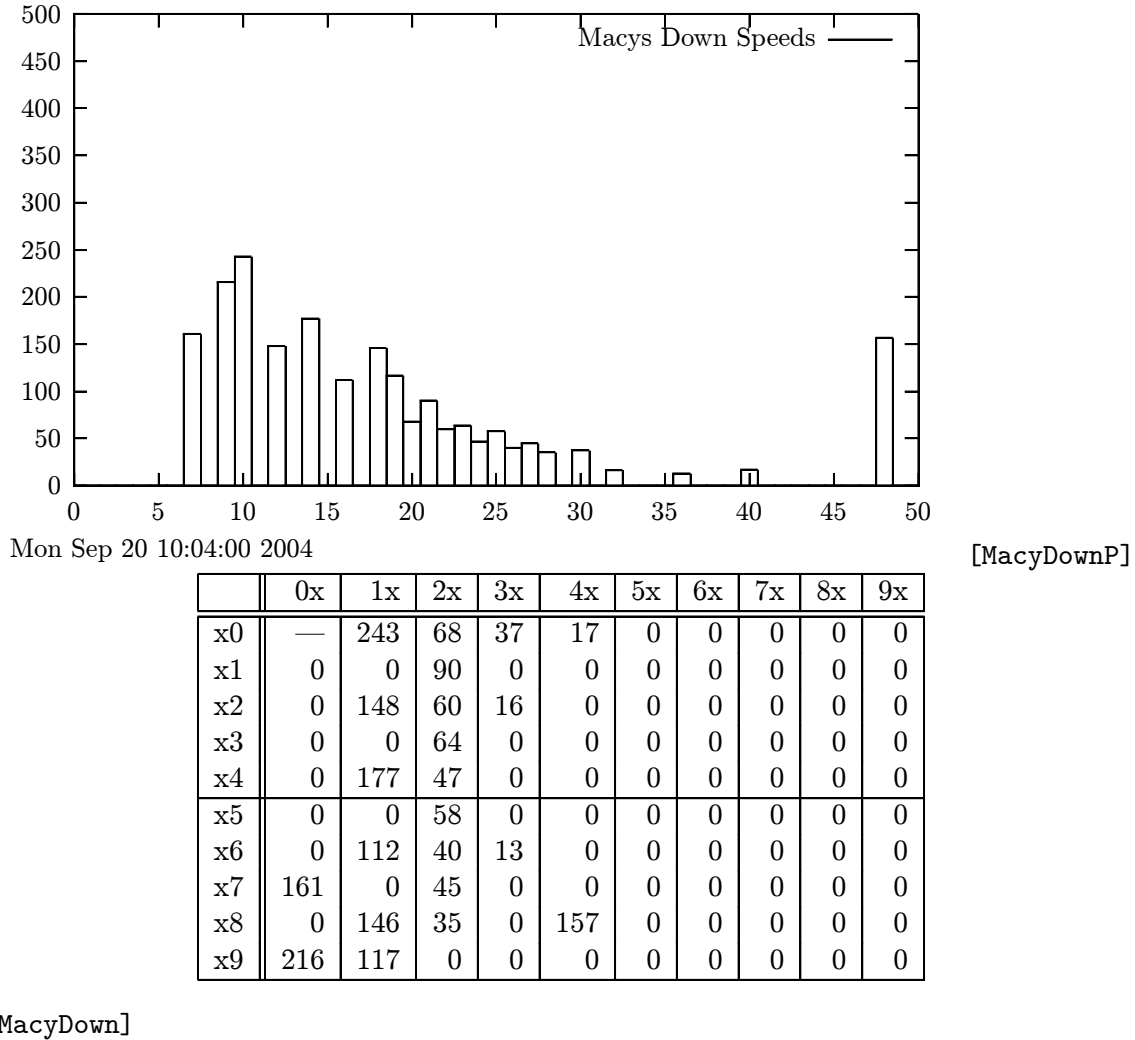
	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x0	—	280	218	158	176	180	0	0	70	0
x1	0	0	186	184	0	0	0	0	0	0
x2	0	245	192	160	150	0	0	0	0	0
x3	0	0	176	174	0	196	0	0	0	0
x4	0	215	115	165	155	0	121	0	0	0
x5	0	0	177	129	0	147	0	0	0	0
x6	0	0	168	180	0	0	0	0	0	0
x7	0	188	188	151	157	0	0	0	0	0
x8	0	163	170	155	0	0	0	0	0	0
x9	0	226	137	0	0	0	0	0	0	451

[MacyRight]

¹⁰\$Header: d:/TXB-S422/speeds/RCS/MacyRight60P.inc,v 1.6 2004-12-15 11:11:38-08 Hamilton Exp
Hamilton \$

¹¹\$Header: d:/TXB-S422/speeds/RCS/MacyRight.inc,v 1.4 2004-12-15 11:11:38-08 Hamilton Exp
Hamilton \$

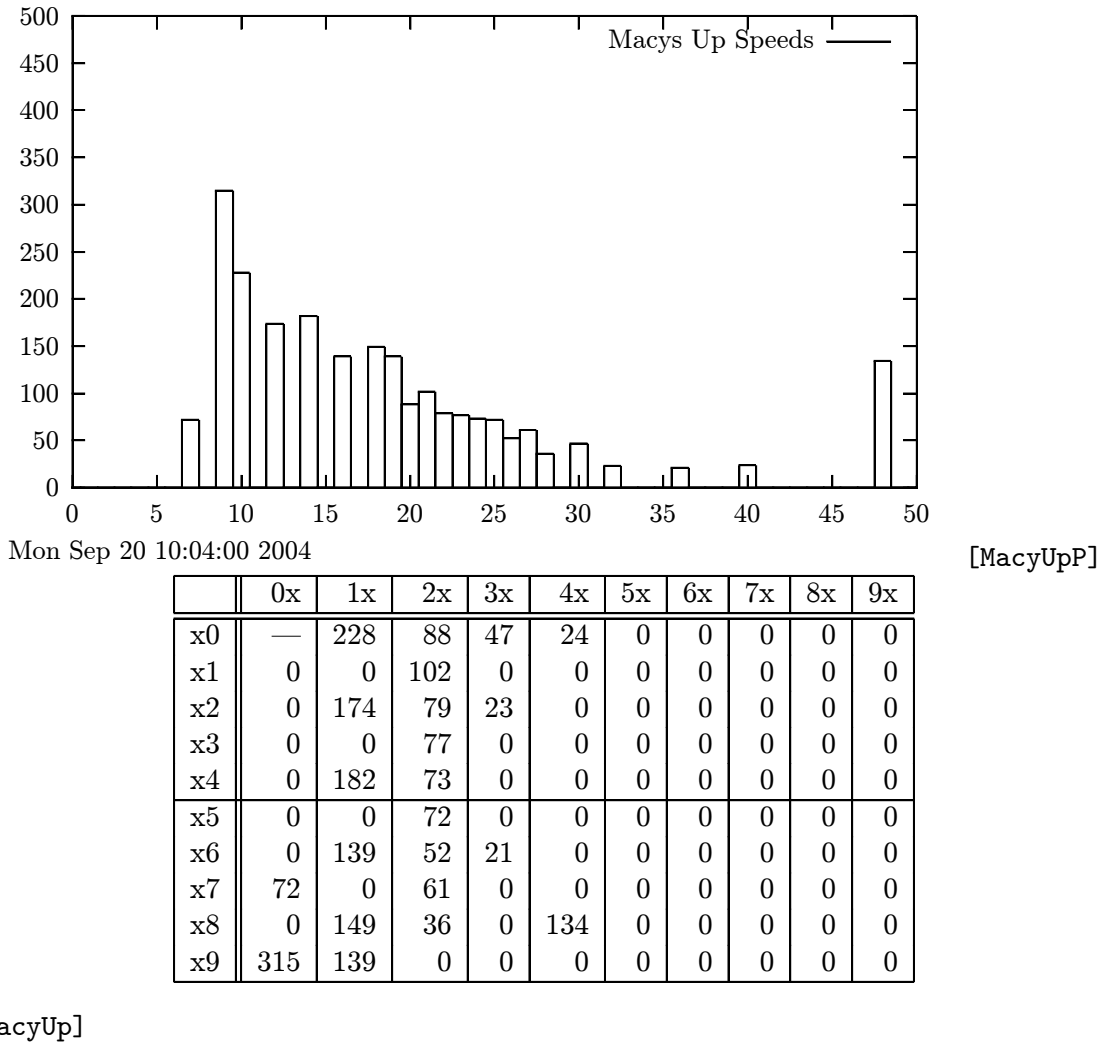
2.6 Tilt Down Speeds



¹²\$Header: d:/TXB-S422/speeds/RCS/MacyDownP.inc,v 1.6 2004-12-15 11:11:37-08 Hamilton Exp
Hamilton \$

¹³\$Header: d:/TXB-S422/speeds/RCS/MacyDown.inc,v 1.4 2004-12-15 11:11:37-08 Hamilton Exp
Hamilton \$

2.7 Tilt Up Speeds

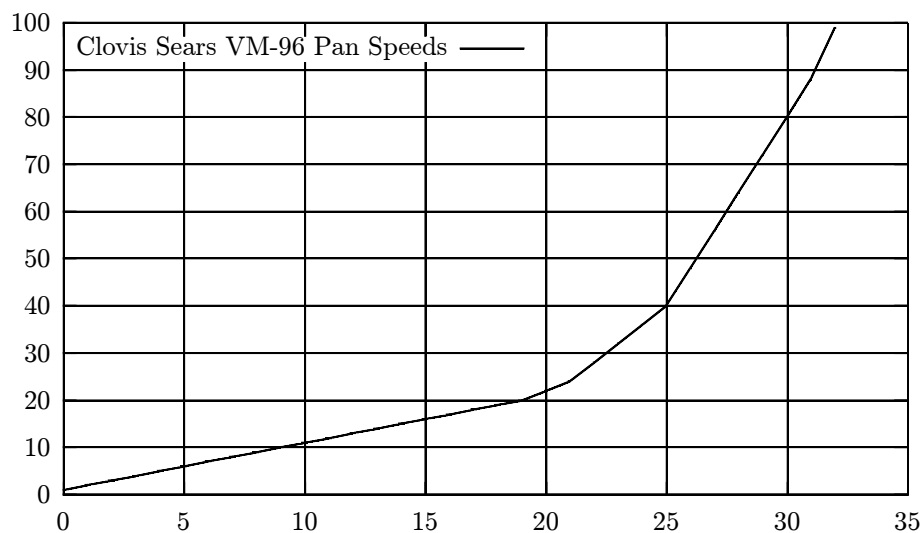


¹⁴\$Header: d:/TXB-S422/speeds/RCS/MacyUpP.inc,v 1.6 2004-12-15 11:11:39-08 Hamilton Exp Hamilton
\$

¹⁵\$Header: d:/TXB-S422/speeds/RCS/MacyUp.inc,v 1.4 2004-12-15 11:11:39-08 Hamilton Exp Hamilton
\$

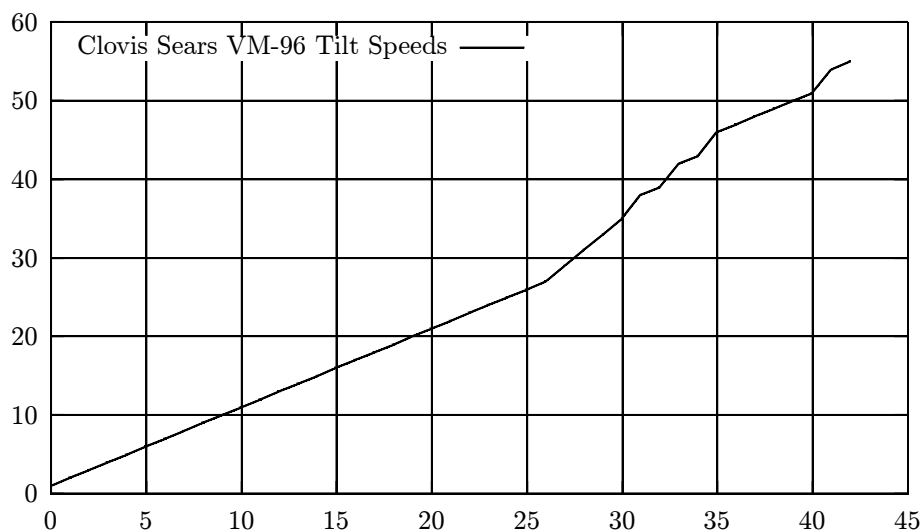
3 Speeds of the VM-96 system at the Clovis Sears store

3.1 Pan and Tilt speeds used



Wed Dec 15 12:03:37 2004

[clrlp]



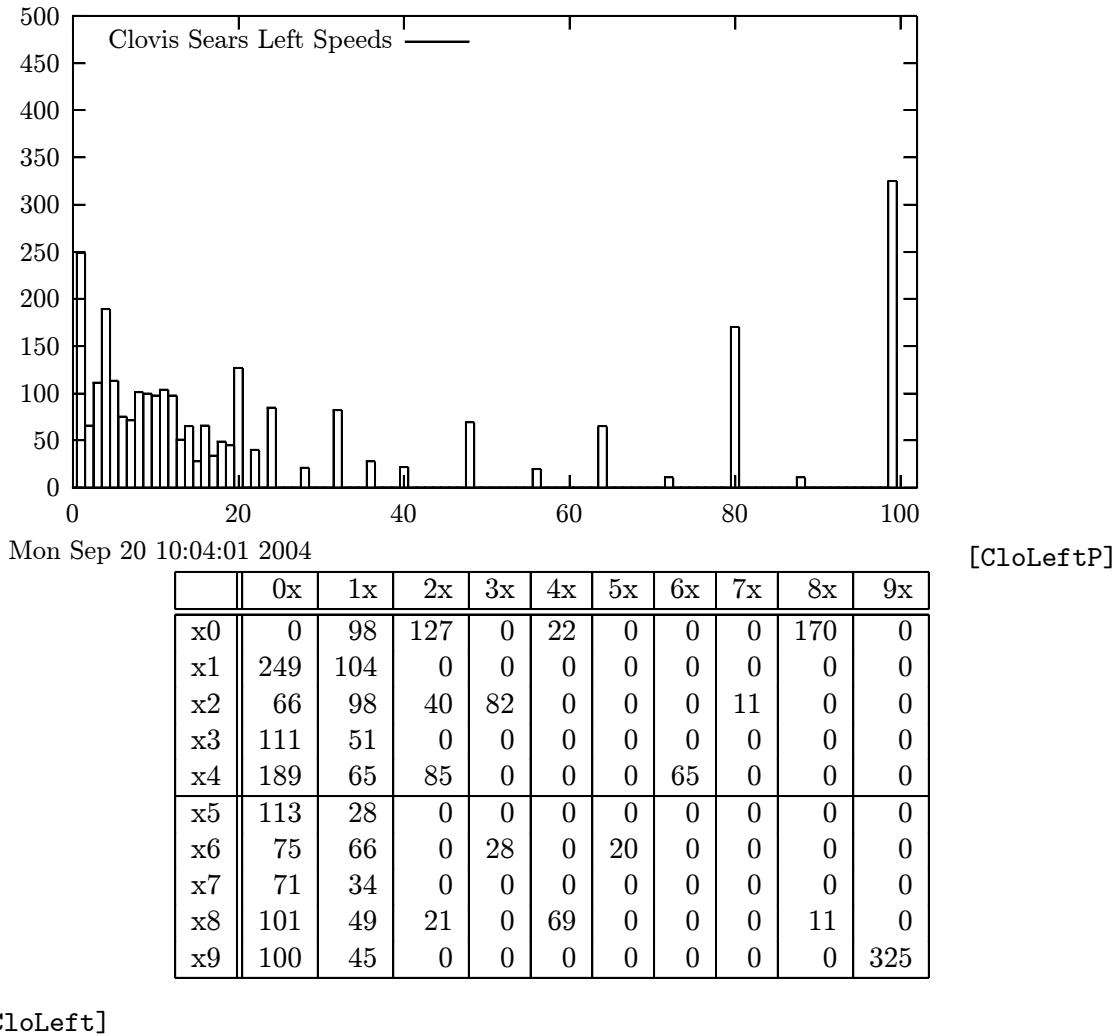
Wed Dec 15 12:02:25 2004

[cludp]

¹⁶\$Header: d:/TXB-S422/speeds/RCS/C1rlP.inc,v 1.1 2004-12-15 12:05:50-08 Hamilton Exp Hamilton \$

¹⁷\$Header: d:/TXB-S422/speeds/RCS/CludP.inc,v 1.1 2004-12-15 12:05:55-08 Hamilton Exp Hamilton \$

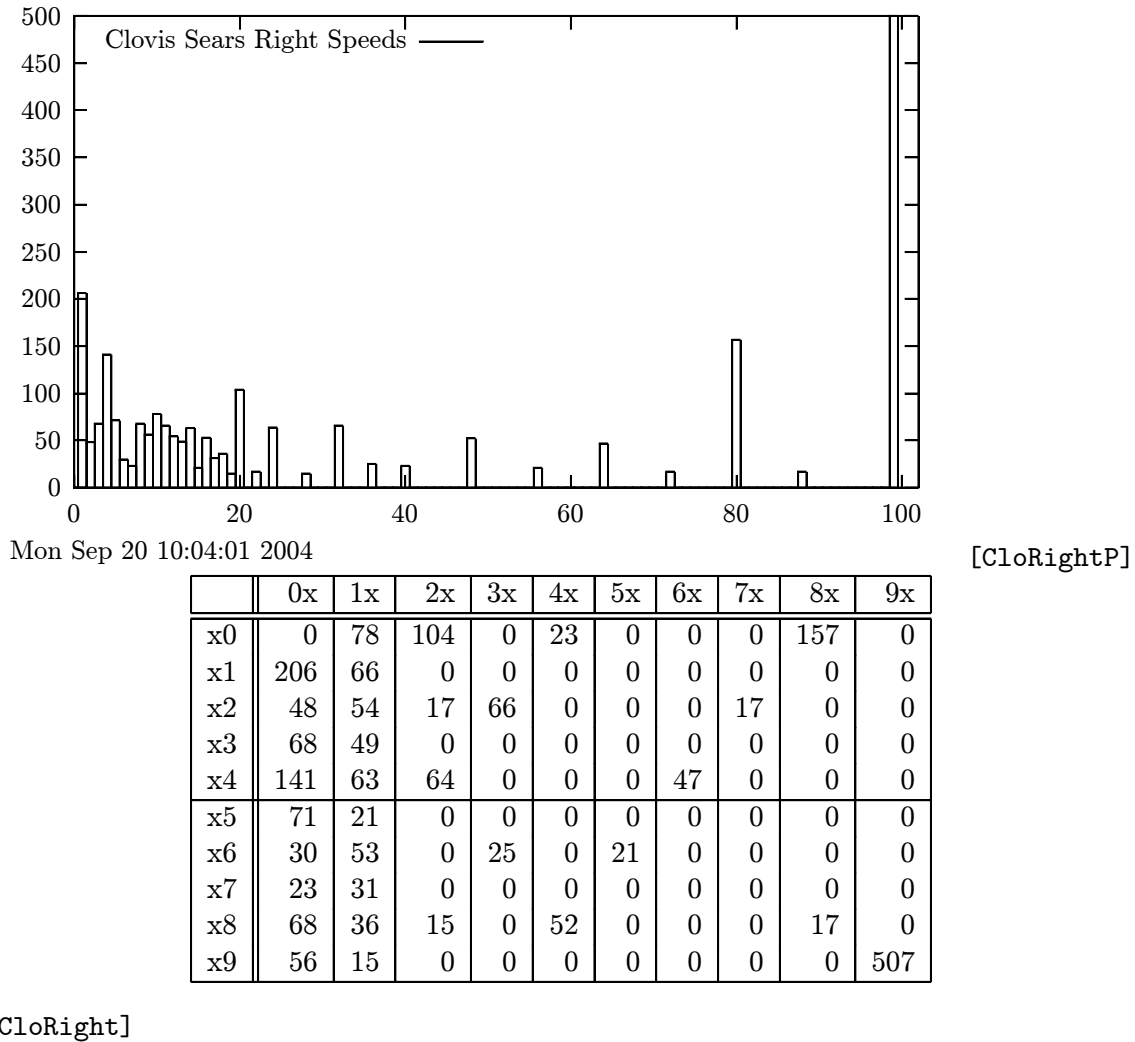
3.2 Pan Left Speeds



¹⁸\$Header: d:/TXB-S422/speeds/RCS/CloLeftP.inc,v 1.11 2004-12-15 11:11:33-08 Hamilton Exp
Hamilton \$

¹⁹\$Header: d:/TXB-S422/speeds/RCS/CloLeft.inc,v 1.4 2004-12-15 11:11:33-08 Hamilton Exp Hamilton
\$

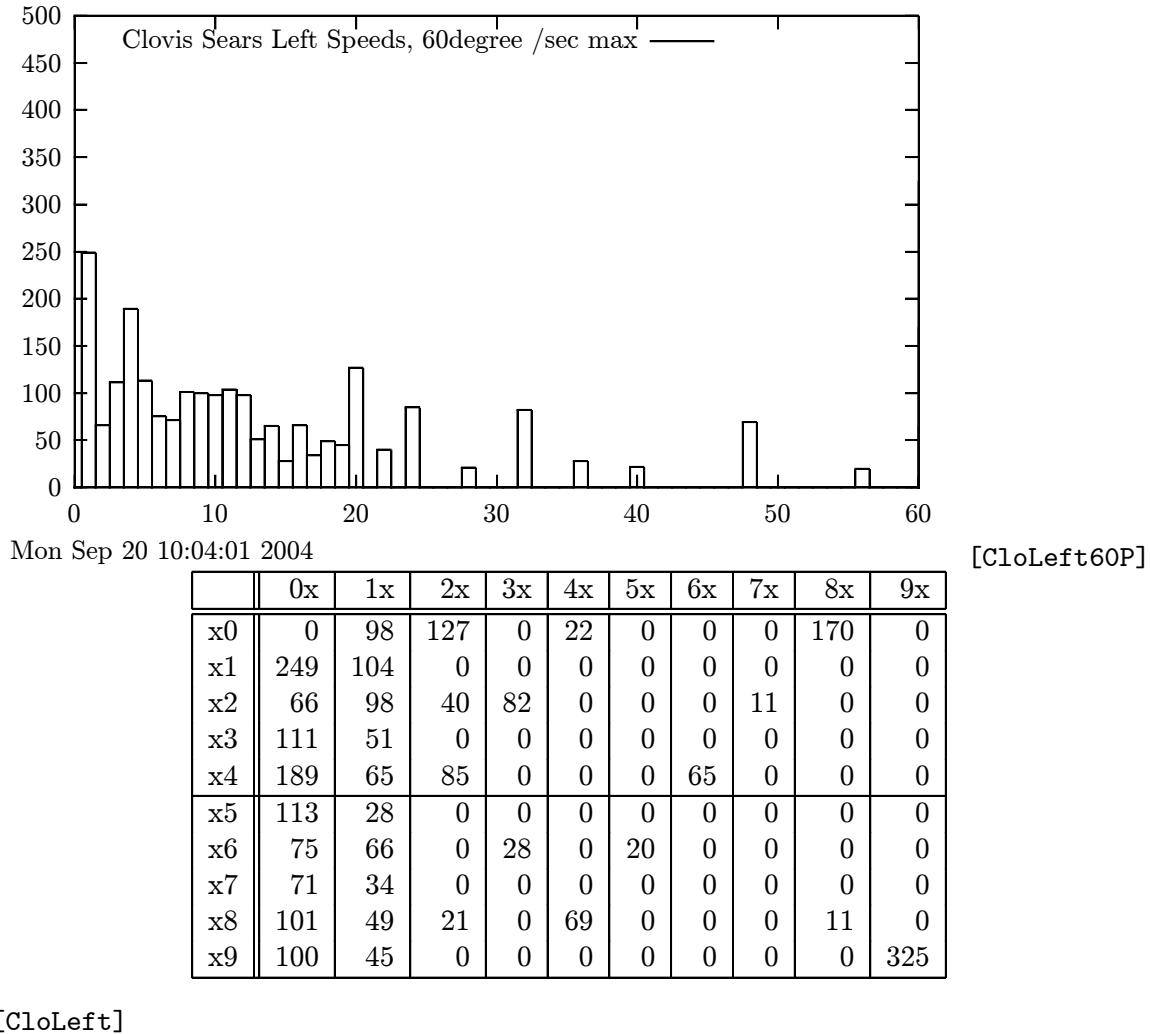
3.3 Pan Right Speeds



²⁰\$Header: d:/TXB-S422/speeds/RCS/CloRightP.inc,v 1.11 2004-12-15 11:11:34-08 Hamilton Exp
Hamilton \$

²¹\$Header: d:/TXB-S422/speeds/RCS/CloRight.inc,v 1.4 2004-12-15 11:11:33-08 Hamilton Exp
Hamilton \$

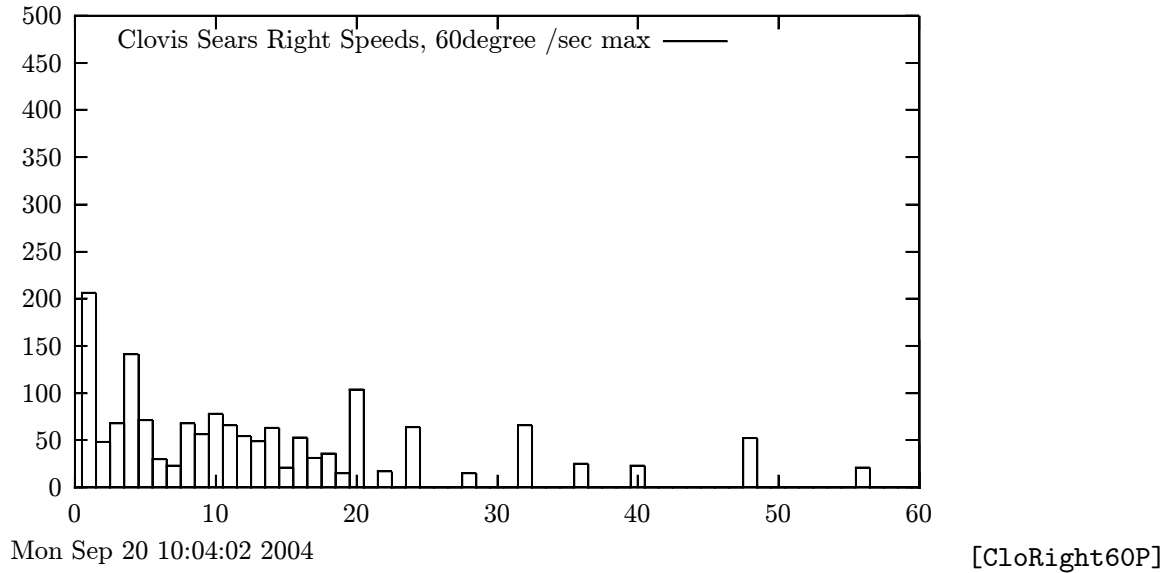
3.4 Pan Left Speeds, 60°/sec max



²²\$Header: d:/TXB-S422/speeds/RCS/CloLeft60P.inc,v 1.5 2004-12-15 11:11:33-08 Hamilton Exp
Hamilton \$

²³\$Header: d:/TXB-S422/speeds/RCS/CloLeft.inc,v 1.4 2004-12-15 11:11:33-08 Hamilton Exp Hamilton
\$

3.5 Pan Right Speeds, 60°/sec max

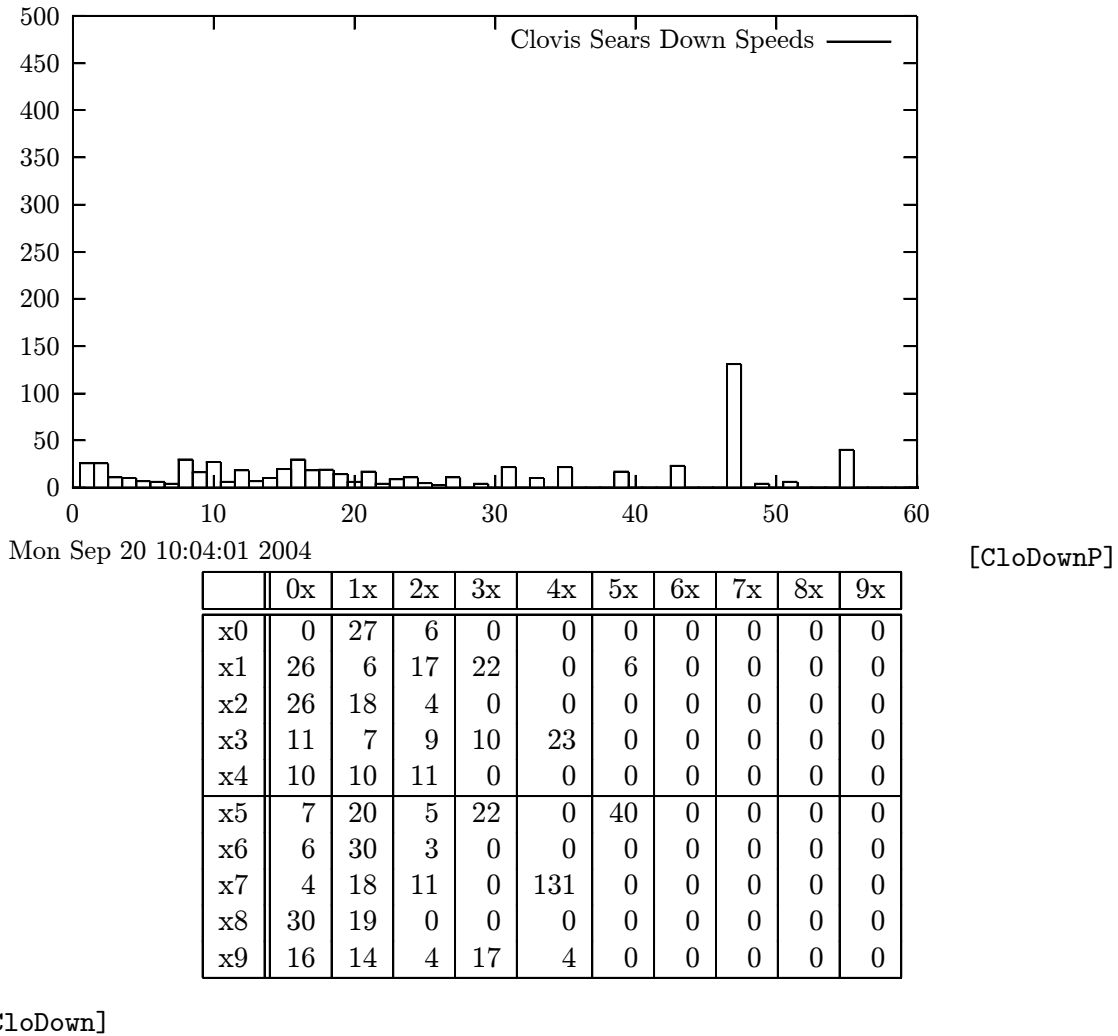


[CloRight]

²⁴\$Header: d:/TXB-S422/speeds/RCS/CloRight60P.inc,v 1.5 2004-12-15 11:11:34-08 Hamilton Exp
Hamilton \$

²⁵\$Header: d:/TXB-S422/speeds/RCS/CloRight.inc,v 1.4 2004-12-15 11:11:33-08 Hamilton Exp
Hamilton \$

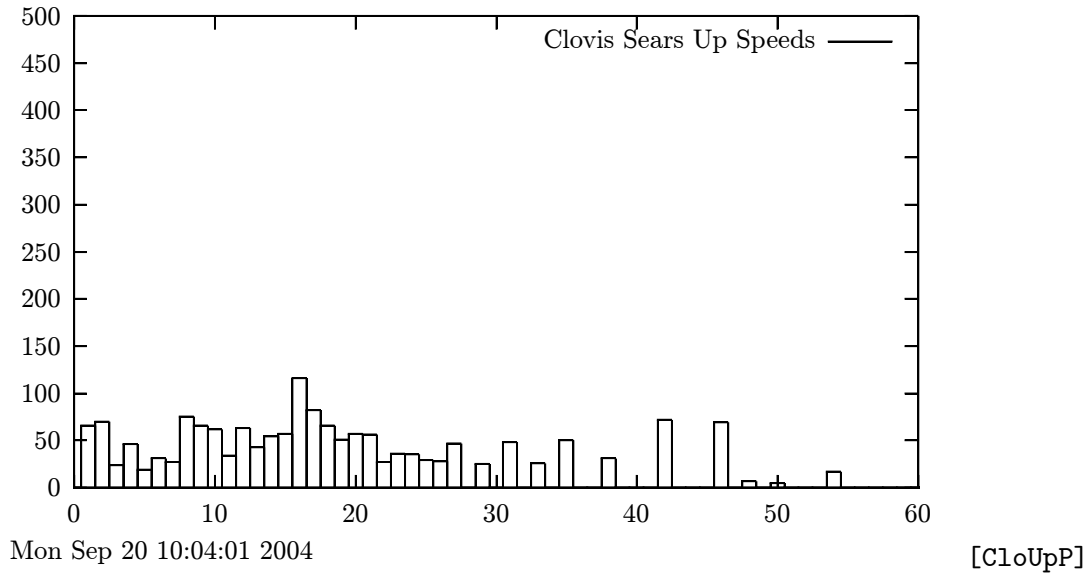
3.6 Tilt Down Speeds



²⁶\$Header: d:/TXB-S422/speeds/RCS/CloDownP.inc,v 1.11 2004-12-15 11:11:32-08 Hamilton Exp
Hamilton \$

²⁷\$Header: d:/TXB-S422/speeds/RCS/CloDown.inc,v 1.4 2004-12-15 11:11:32-08 Hamilton Exp Hamilton
\$

3.7 Tilt Up Speeds



	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x0	0	62	57	0	0	5	0	0	0	0
x1	66	34	56	48	0	0	0	0	0	0
x2	70	63	27	0	72	0	0	0	0	0
x3	24	43	36	26	0	0	0	0	0	0
x4	46	54	35	0	0	17	0	0	0	0
x5	19	57	29	50	0	0	0	0	0	0
x6	31	116	28	0	69	0	0	0	0	0
x7	27	82	47	0	0	0	0	0	0	0
x8	75	66	0	31	7	0	0	0	0	0
x9	66	51	25	0	0	0	0	0	0	0

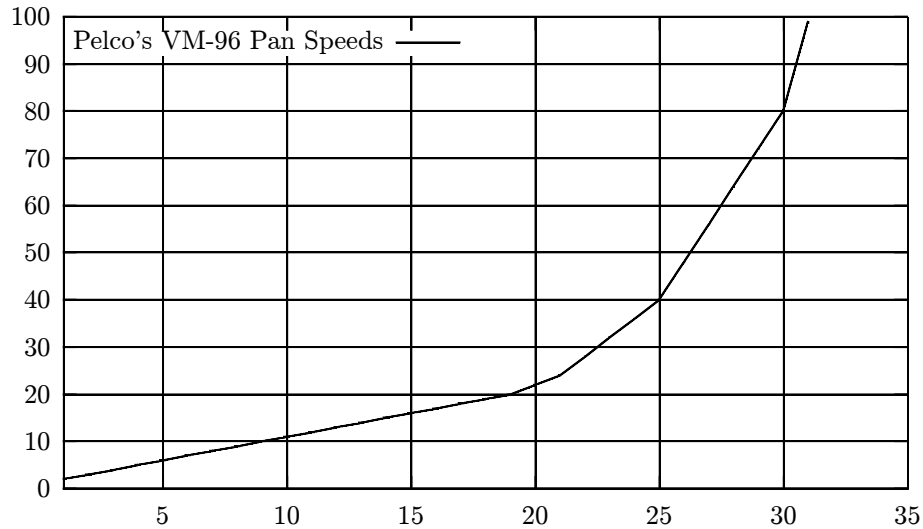
[CloUp]

²⁸\$Header: d:/TXB-S422/speeds/RCS/CloUpP.inc,v 1.11 2004-12-15 11:11:34-08 Hamilton Exp Hamilton

\$²⁹\$Header: d:/TXB-S422/speeds/RCS/CloUp.inc,v 1.4 2004-12-15 11:11:34-08 Hamilton Exp Hamilton \$

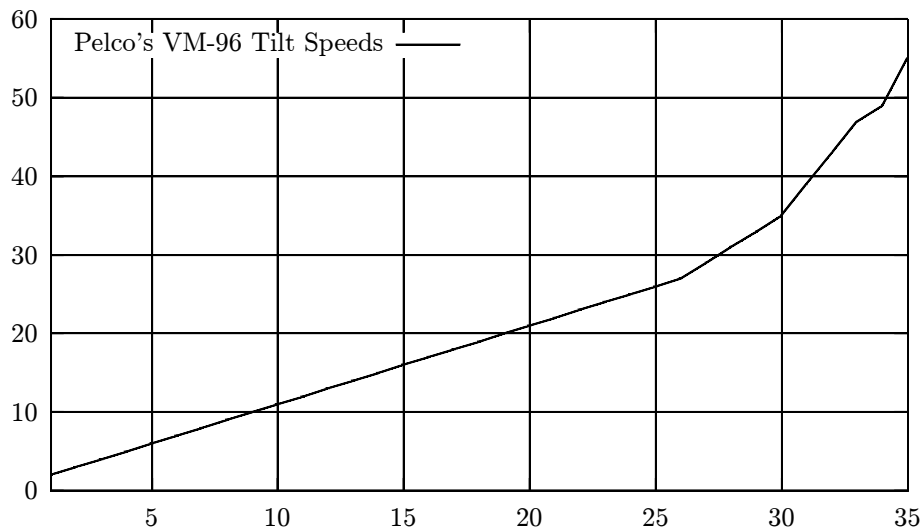
4 Speeds of the VM-96 system at Pelco

4.1 Pan and Tilt speeds used



Wed Dec 15 11:56:29 2004

[c9rlp]



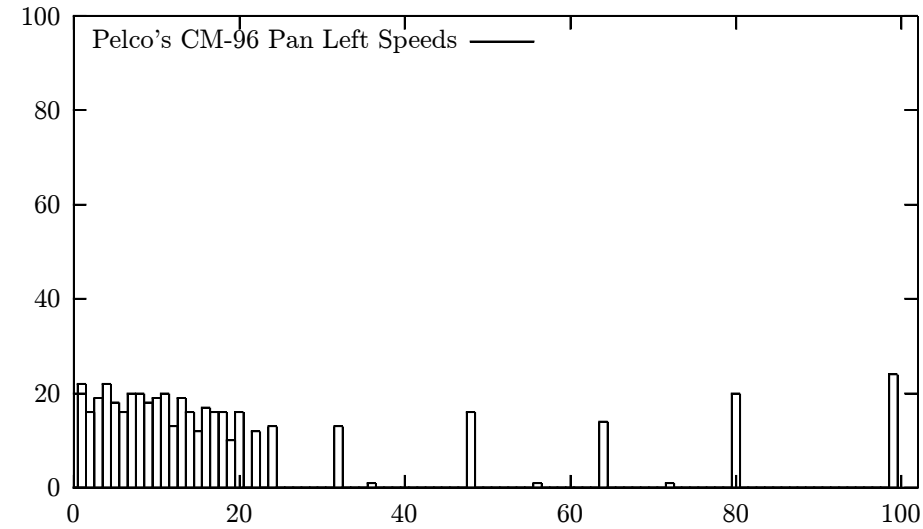
Wed Dec 15 11:56:22 2004

[c9udp]

³⁰\$Header: d:/TXB-S422/speeds/RCS/C9rlp.inc,v 1.2 2004-12-15 12:07:50-08 Hamilton Exp Hamilton \$

³¹\$Header: d:/TXB-S422/speeds/RCS/C9udp.inc,v 1.2 2004-12-15 12:07:50-08 Hamilton Exp Hamilton \$

4.2 Pan Left Speeds



Mon Sep 20 10:04:03 2004

[C96LP]

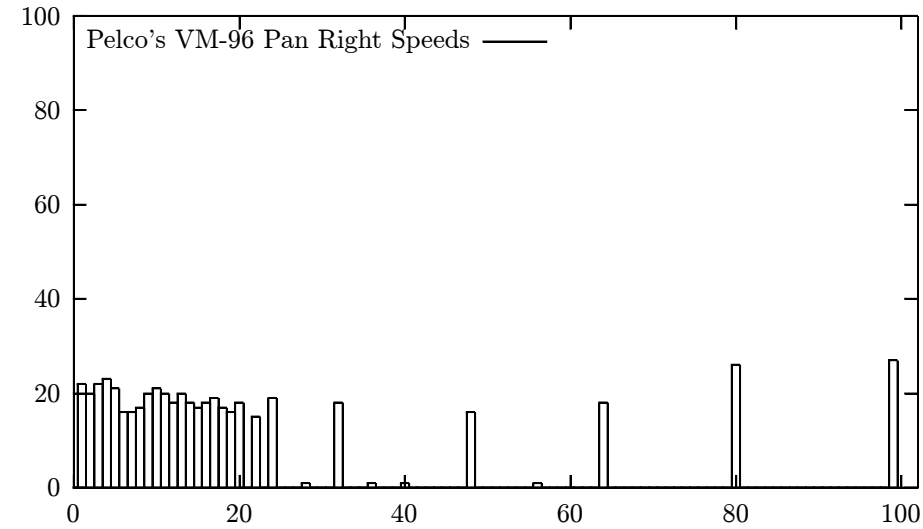
	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x 0	0	19	16	0	0	0	0	0	20	0
x 1	22	20	0	0	0	0	0	0	0	0
x 2	16	13	12	13	0	0	0	1	0	0
x 3	19	19	0	0	0	0	0	0	0	0
x 4	22	16	13	0	0	0	14	0	0	0
x 5	18	12	0	0	0	0	0	0	0	0
x 6	16	17	0	1	0	1	0	0	0	0
x 7	20	16	0	0	0	0	0	0	0	0
x 8	20	16	0	0	16	0	0	0	0	0
x 9	18	10	0	0	0	0	0	0	0	24

[c96l]

³²\$Header: d:/TXB-S422/speeds/RCS/C96LP.inc,v 1.7 2004-12-15 11:11:31-08 Hamilton Exp Hamilton \$

³³\$Header: d:/TXB-S422/speeds/RCS/C96L.inc,v 1.3 2004-12-15 11:11:30-08 Hamilton Exp Hamilton \$

4.3 Pan Right Speeds



Mon Sep 20 10:04:03 2004

[C96RP]

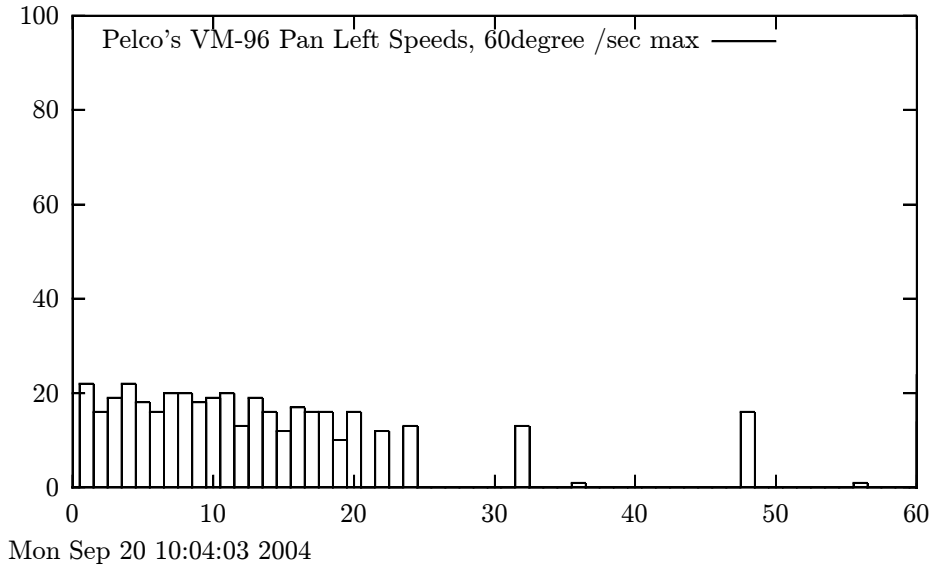
	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x 0	0	21	18	0	1	0	0	0	26	0
x 1	22	20	0	0	0	0	0	0	0	0
x 2	20	18	15	18	0	0	0	0	0	0
x 3	22	20	0	0	0	0	0	0	0	0
x 4	23	18	19	0	0	0	18	0	0	0
x 5	21	17	0	0	0	0	0	0	0	0
x 6	16	18	0	1	0	1	0	0	0	0
x 7	16	19	0	0	0	0	0	0	0	0
x 8	17	17	1	0	16	0	0	0	0	0
x 9	20	16	0	0	0	0	0	0	0	27

[c96r]

³⁴\$Header: d:/TXB-S422/speeds/RCS/C96RP.inc,v 1.7 2004-12-15 11:11:31-08 Hamilton Exp Hamilton \$

³⁵\$Header: d:/TXB-S422/speeds/RCS/C96R.inc,v 1.3 2004-12-15 11:11:31-08 Hamilton Exp Hamilton \$

4.4 Pan Left Speeds, 60°/sec max



[C96L60P]

	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x 0	0	19	16	0	0	0	0	0	20	0
x 1	22	20	0	0	0	0	0	0	0	0
x 2	16	13	12	13	0	0	0	1	0	0
x 3	19	19	0	0	0	0	0	0	0	0
x 4	22	16	13	0	0	0	14	0	0	0
x 5	18	12	0	0	0	0	0	0	0	0
x 6	16	17	0	1	0	1	0	0	0	0
x 7	20	16	0	0	0	0	0	0	0	0
x 8	20	16	0	0	16	0	0	0	0	0
x 9	18	10	0	0	0	0	0	0	0	24

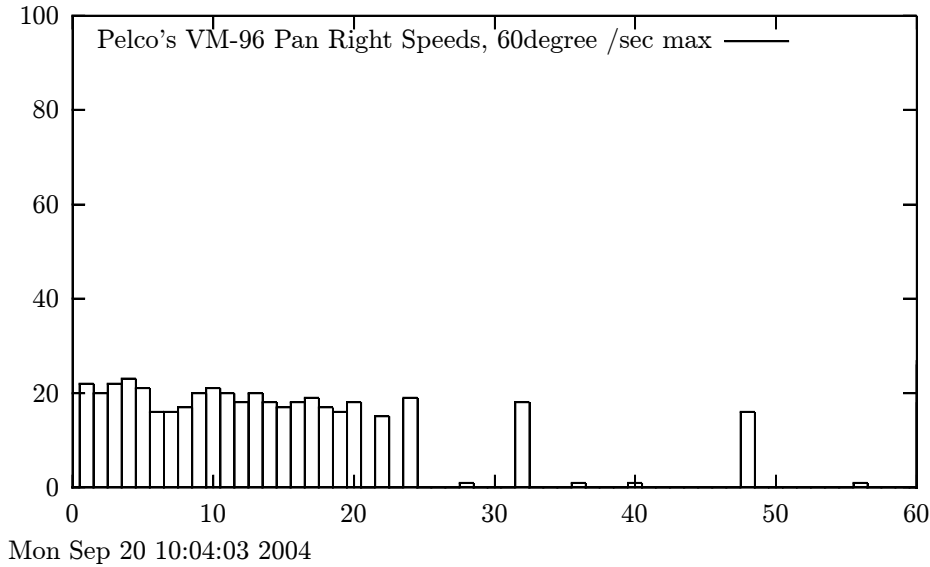
[c96l]

³⁶\$Header: d:/TXB-S422/speeds/RCS/C96L60P.inc,v 1.5 2004-12-15 11:11:30-08 Hamilton Exp Hamilton

\$

³⁷\$Header: d:/TXB-S422/speeds/RCS/C96L.inc,v 1.3 2004-12-15 11:11:30-08 Hamilton Exp Hamilton \$

4.5 Pan Right Speeds, 60°/sec max



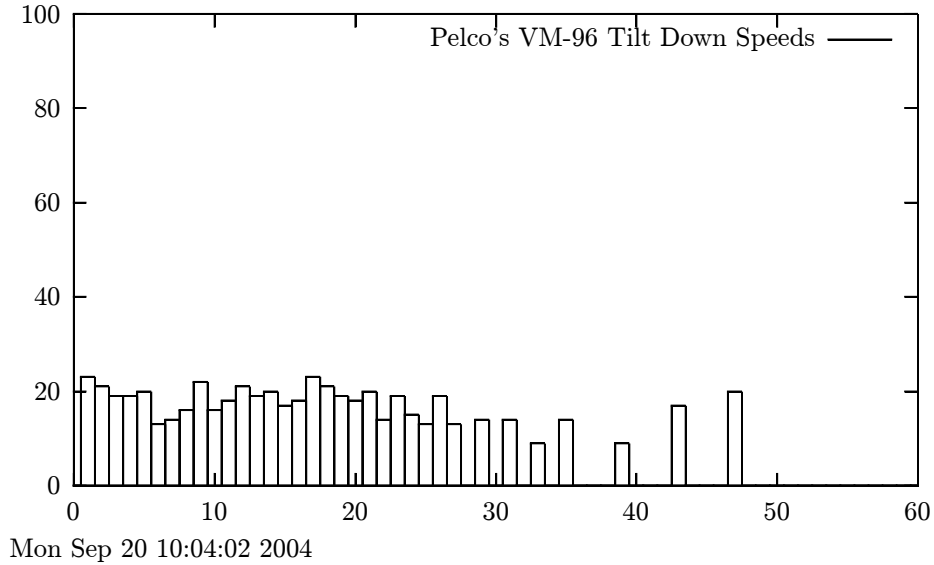
	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x 0	0	21	18	0	1	0	0	0	26	0
x 1	22	20	0	0	0	0	0	0	0	0
x 2	20	18	15	18	0	0	0	0	0	0
x 3	22	20	0	0	0	0	0	0	0	0
x 4	23	18	19	0	0	0	18	0	0	0
x 5	21	17	0	0	0	0	0	0	0	0
x 6	16	18	0	1	0	1	0	0	0	0
x 7	16	19	0	0	0	0	0	0	0	0
x 8	17	17	1	0	16	0	0	0	0	0
x 9	20	16	0	0	0	0	0	0	0	27

[c96r]

³⁸\$Header: d:/TXB-S422/speeds/RCS/C96R60P.inc,v 1.5 2004-12-15 11:11:31-08 Hamilton Exp Hamilton

\$
³⁹\$Header: d:/TXB-S422/speeds/RCS/C96R.inc,v 1.3 2004-12-15 11:11:31-08 Hamilton Exp Hamilton \$

4.6 Tilt Down Speeds



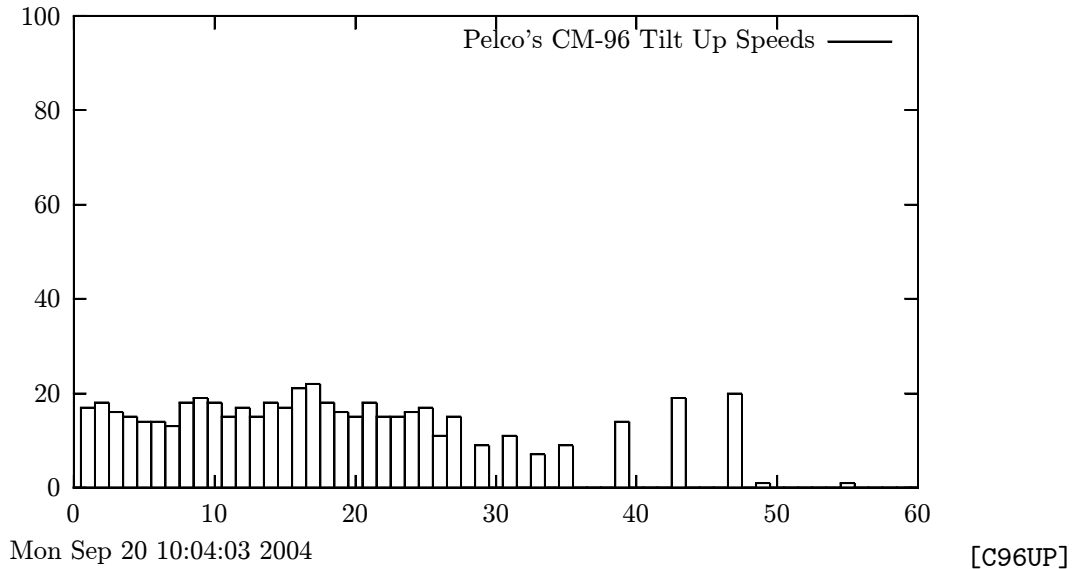
[C96DP]

	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x 0	0	16	18	0	0	0	0	0	0	0
x 1	23	18	20	14	0	0	0	0	0	0
x 2	21	21	14	0	0	0	0	0	0	0
x 3	19	19	19	9	17	0	0	0	0	0
x 4	19	20	15	0	0	0	0	0	0	0
x 5	20	17	13	14	0	0	0	0	0	0
x 6	13	18	19	0	0	0	0	0	0	0
x 7	14	23	13	0	20	0	0	0	0	0
x 8	16	21	0	0	0	0	0	0	0	0
x 9	22	19	14	9	0	0	0	0	0	0

[C96D]

⁴⁰\$Header: d:/TXB-S422/speeds/RCS/C96DP.inc,v 1.7 2004-12-15 11:11:30-08 Hamilton Exp Hamilton \$

4.7 Tilt Up Speeds



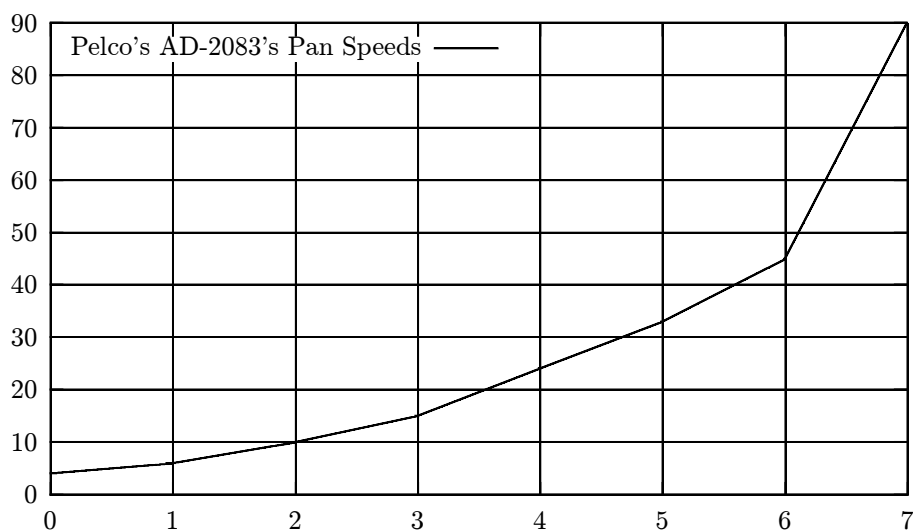
[C96U]

⁴¹\$Header: d:/TXB-S422/speeds/RCS/C96UP.inc,v 1.7 2004-12-15 11:11:32-08 Hamilton Exp Hamilton \$

⁴²\$Header: d:/TXB-S422/speeds/RCS/C96U.inc,v 1.3 2004-12-15 11:11:32-08 Hamilton Exp Hamilton \$

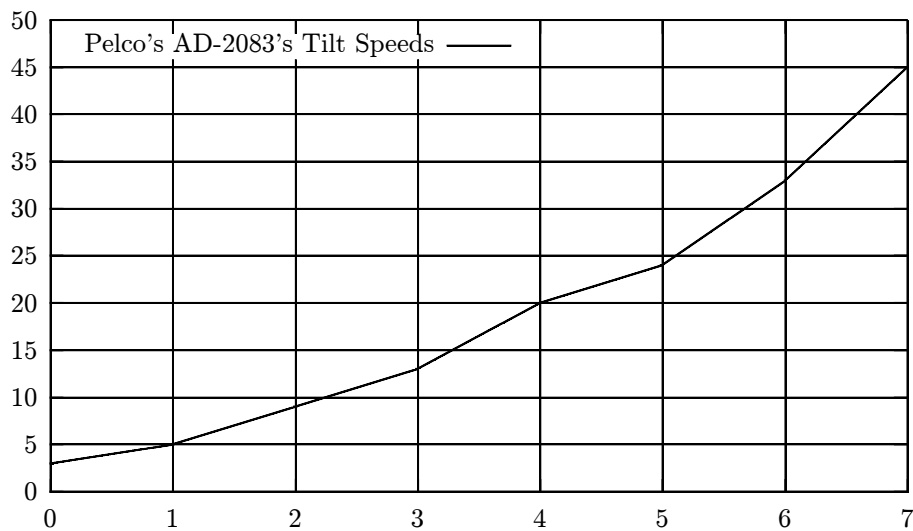
5 Speeds of the AD-2083-2/AD-1996 (Megapower-II) system at Pelco

5.1 Pan and Tilt speeds used



Wed Dec 15 11:24:51 2004

[crlp]



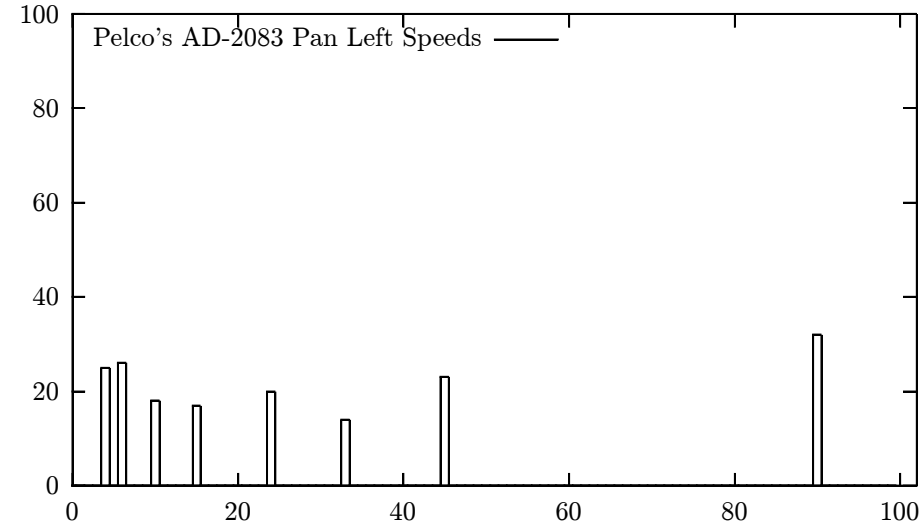
Wed Dec 15 11:24:51 2004

[cudp]

⁴³\$Header: d:/TXB-S422/speeds/RCS/CrlP.inc,v 1.1 2004-12-15 11:26:45-08 Hamilton Exp Hamilton \$

⁴⁴\$Header: d:/TXB-S422/speeds/RCS/CudP.inc,v 1.1 2004-12-15 11:26:52-08 Hamilton Exp Hamilton \$

5.2 Pan Left Speeds



Mon Sep 20 10:04:02 2004

[C2083LP]

	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x 0	0	18	0	0	0	0	0	0	0	32
x 1	0	0	0	0	0	0	0	0	0	0
x 2	0	0	0	0	0	0	0	0	0	0
x 3	0	0	0	14	0	0	0	0	0	0
x 4	25	0	20	0	0	0	0	0	0	0
x 5	0	17	0	0	23	0	0	0	0	0
x 6	26	0	0	0	0	0	0	0	0	0
x 7	0	0	0	0	0	0	0	0	0	0
x 8	0	0	0	0	0	0	0	0	0	0
x 9	0	0	0	0	0	0	0	0	0	0

[C2083L]

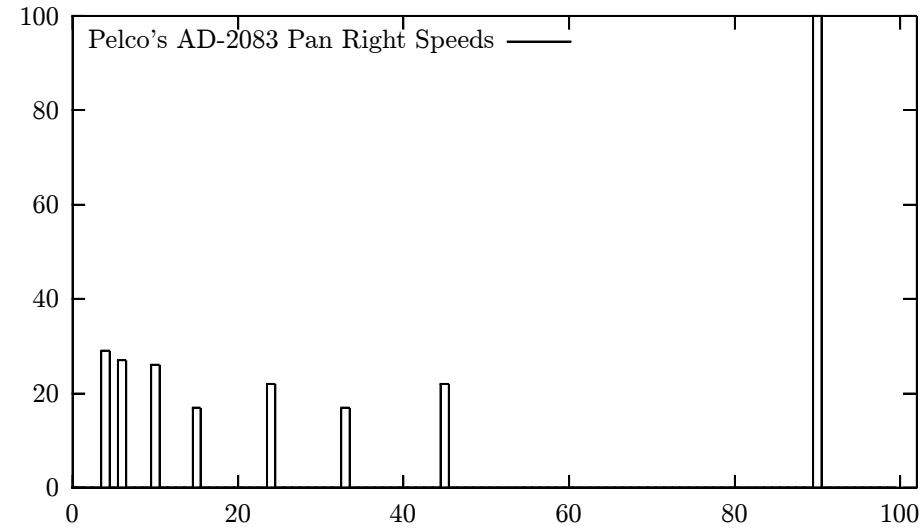
⁴⁵\$Header: d:/TXB-S422/speeds/RCS/C2083LP.inc,v 1.7 2004-12-15 11:11:28-08 Hamilton Exp Hamilton

\$

⁴⁶\$Header: d:/TXB-S422/speeds/RCS/C2083L.inc,v 1.6 2004-12-15 11:11:28-08 Hamilton Exp Hamilton

\$

5.3 Pan Right Speeds



Mon Sep 20 10:04:02 2004

[C2083RP]

	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x 0	0	26	0	0	0	0	0	0	0	327
x 1	0	0	0	0	0	0	0	0	0	0
x 2	0	0	0	0	0	0	0	0	0	0
x 3	0	0	0	17	0	0	0	0	0	0
x 4	29	0	22	0	0	0	0	0	0	0
x 5	0	17	0	0	22	0	0	0	0	0
x 6	27	0	0	0	0	0	0	0	0	0
x 7	0	0	0	0	0	0	0	0	0	0
x 8	0	0	0	0	0	0	0	0	0	0
x 9	0	0	0	0	0	0	0	0	0	0

[C2083R]

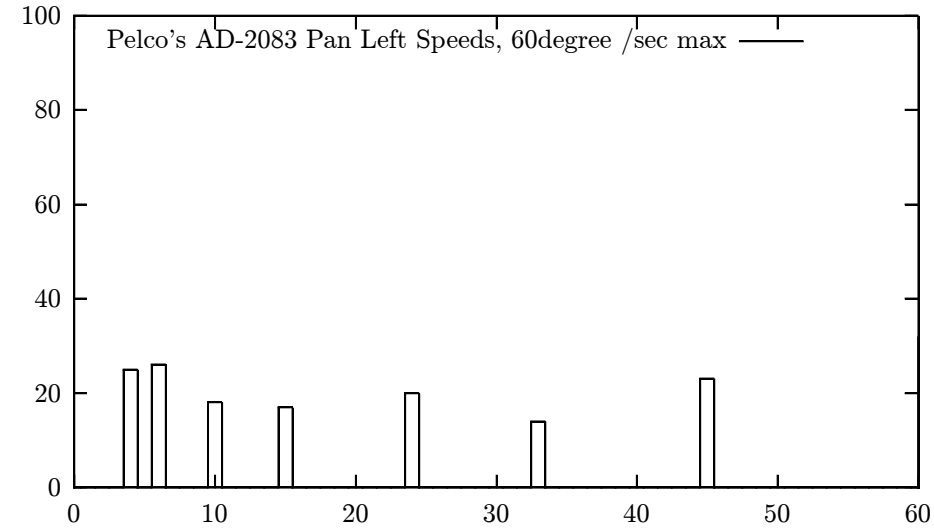
⁴⁷\$Header: d:/TXB-S422/speeds/RCS/C2083RP.inc,v 1.7 2004-12-15 11:11:29-08 Hamilton Exp Hamilton

\$

⁴⁸\$Header: d:/TXB-S422/speeds/RCS/C2083R.inc,v 1.6 2004-12-15 11:11:29-08 Hamilton Exp Hamilton

\$

5.4 Pan Left Speeds, 60°/sec max



Mon Sep 20 10:04:02 2004

[C2083L60P]

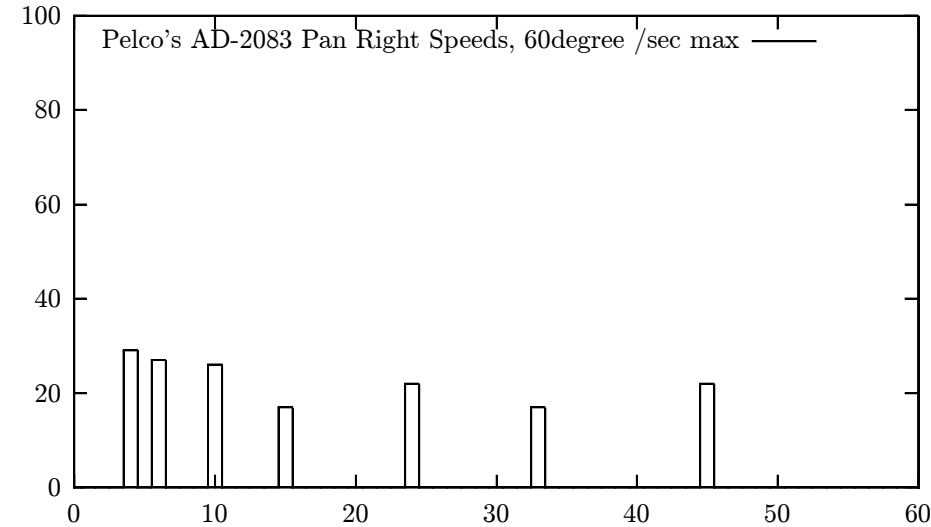
	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x 0	0	18	0	0	0	0	0	0	0	32
x 1	0	0	0	0	0	0	0	0	0	0
x 2	0	0	0	0	0	0	0	0	0	0
x 3	0	0	0	14	0	0	0	0	0	0
x 4	25	0	20	0	0	0	0	0	0	0
x 5	0	17	0	0	23	0	0	0	0	0
x 6	26	0	0	0	0	0	0	0	0	0
x 7	0	0	0	0	0	0	0	0	0	0
x 8	0	0	0	0	0	0	0	0	0	0
x 9	0	0	0	0	0	0	0	0	0	0

[C2083L]

⁴⁹\$Header: d:/TXB-S422/speeds/RCS/C2083L60P.inc,v 1.5 2004-12-15 11:11:28-08 Hamilton Exp
Hamilton \$

⁵⁰\$Header: d:/TXB-S422/speeds/RCS/C2083L.inc,v 1.6 2004-12-15 11:11:28-08 Hamilton Exp Hamilton
\$

5.5 Pan Right Speeds, 60°/sec max



Mon Sep 20 10:04:02 2004

[C2083R60P]

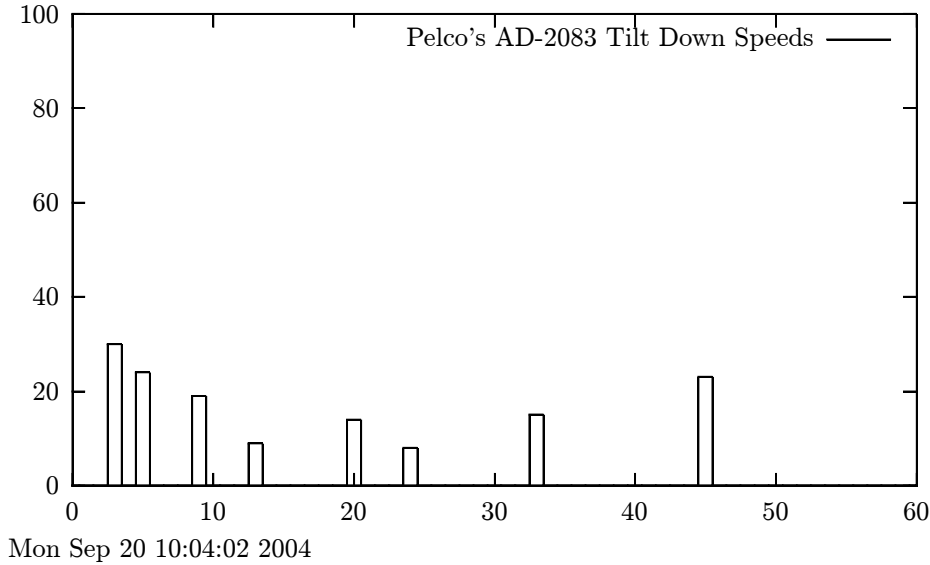
	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x 0	0	26	0	0	0	0	0	0	0	327
x 1	0	0	0	0	0	0	0	0	0	0
x 2	0	0	0	0	0	0	0	0	0	0
x 3	0	0	0	17	0	0	0	0	0	0
x 4	29	0	22	0	0	0	0	0	0	0
x 5	0	17	0	0	22	0	0	0	0	0
x 6	27	0	0	0	0	0	0	0	0	0
x 7	0	0	0	0	0	0	0	0	0	0
x 8	0	0	0	0	0	0	0	0	0	0
x 9	0	0	0	0	0	0	0	0	0	0

[C2083R]

⁵¹\$Header: d:/TXB-S422/speeds/RCS/C2083R60P.inc,v 1.5 2004-12-15 11:11:29-08 Hamilton Exp
Hamilton \$

⁵²\$Header: d:/TXB-S422/speeds/RCS/C2083R.inc,v 1.6 2004-12-15 11:11:29-08 Hamilton Exp Hamilton
\$

5.6 Tilt Down Speeds



[C2083DP]

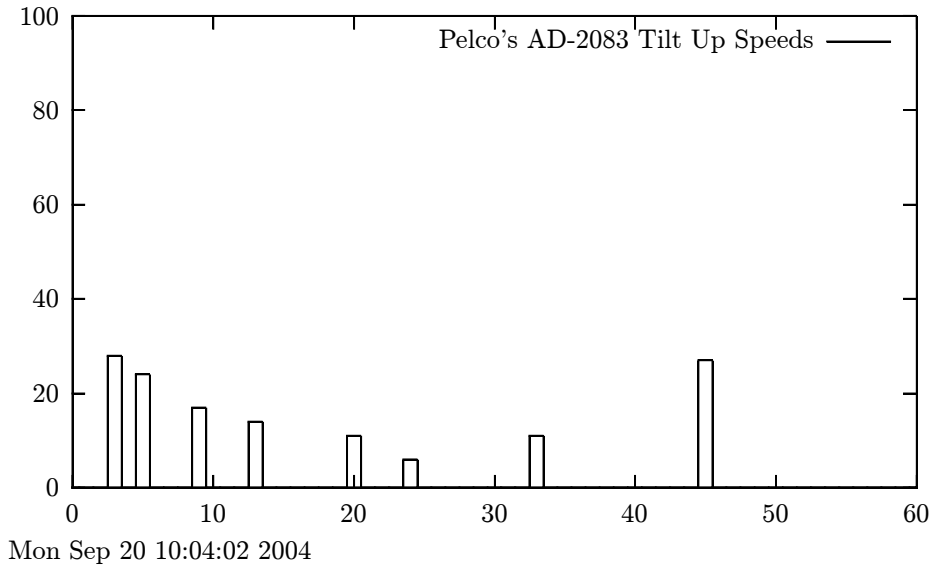
	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x 0	0	0	14	0	0	0	0	0	0	0
x 1	0	0	0	0	0	0	0	0	0	0
x 2	0	0	0	0	0	0	0	0	0	0
x 3	30	9	0	15	0	0	0	0	0	0
x 4	0	0	8	0	0	0	0	0	0	0
x 5	24	0	0	0	23	0	0	0	0	0
x 6	0	0	0	0	0	0	0	0	0	0
x 7	0	0	0	0	0	0	0	0	0	0
x 8	0	0	0	0	0	0	0	0	0	0
x 9	19	0	0	0	0	0	0	0	0	0

[C2083D]

⁵³\$Header: d:/TXB-S422/speeds/RCS/C2083DP.inc,v 1.7 2004-12-15 11:11:27-08 Hamilton Exp Hamilton
\$

⁵⁴\$Header: d:/TXB-S422/speeds/RCS/C2083D.inc,v 1.6 2004-12-15 11:11:27-08 Hamilton Exp Hamilton
\$

5.7 Tilt Up Speeds



[C2083UP]

	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x 0	0	0	11	0	0	0	0	0	0	0
x 1	0	0	0	0	0	0	0	0	0	0
x 2	0	0	0	0	0	0	0	0	0	0
x 3	28	14	0	11	0	0	0	0	0	0
x 4	0	0	6	0	0	0	0	0	0	0
x 5	24	0	0	0	27	0	0	0	0	0
x 6	0	0	0	0	0	0	0	0	0	0
x 7	0	0	0	0	0	0	0	0	0	0
x 8	0	0	0	0	0	0	0	0	0	0
x 9	17	0	0	0	0	0	0	0	0	0

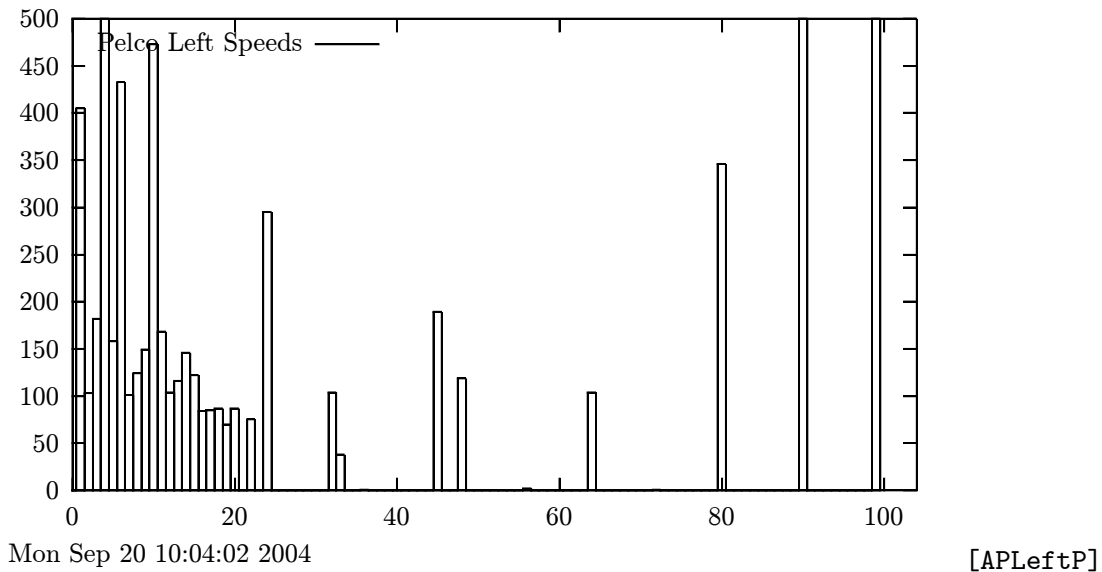
[C2083U]

⁵⁵\$Header: d:/TXB-S422/speeds/RCS/C2083uP.inc,v 1.7 2004-12-15 11:11:29-08 Hamilton Exp Hamilton
\$

⁵⁶\$Header: d:/TXB-S422/speeds/RCS/C2083U.inc,v 1.6 2004-12-15 11:11:29-08 Hamilton Exp Hamilton
\$

6 All Pelco acquired speeds with a VM-96 system and AD-2083 combined

6.1 Pan Left Speeds



	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x0	0	473	87	0	0	0	0	0	346	677
x1	405	168	0	0	0	0	0	0	0	0
x2	103	104	75	104	0	0	0	1	0	0
x3	182	116	0	38	0	0	0	0	0	0
x4	745	146	295	0	0	0	104	0	0	0
x5	158	122	0	0	189	0	0	0	0	0
x6	433	84	0	1	0	2	0	0	0	0
x7	101	85	0	0	0	0	0	0	0	0
x8	124	87	0	0	119	0	0	0	0	0
x9	149	70	0	0	0	0	0	0	0	825

[APLeft]

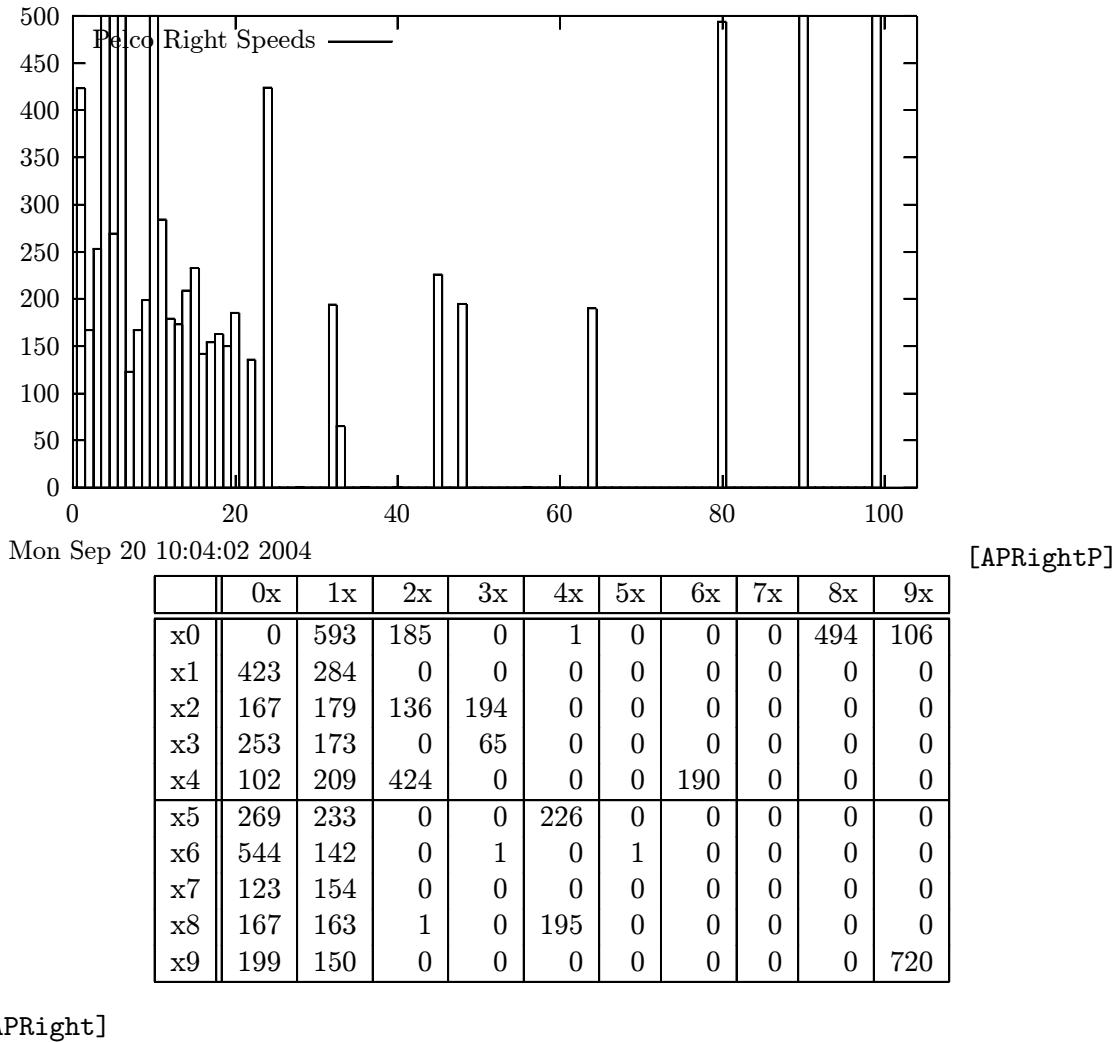
⁵⁷\$Header: d:/TXB-S422/speeds/RCS/APLeftP.inc,v 1.9 2004-12-15 11:11:26-08 Hamilton Exp Hamilton

\$

⁵⁸\$Header: d:/TXB-S422/speeds/RCS/APLeft.inc,v 1.6 2004-12-15 11:11:26-08 Hamilton Exp Hamilton

\$

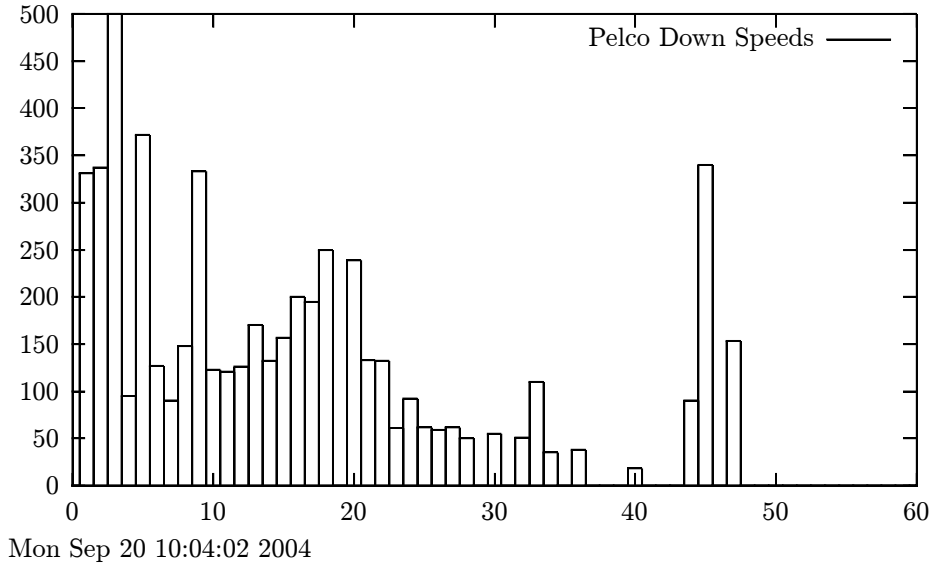
6.2 Pan Right Speeds



⁵⁹\$Header: d:/TXB-S422/speeds/RCS/APRightP.inc,v 1.9 2004-12-15 11:11:26-08 Hamilton Exp
Hamilton \$

⁶⁰\$Header: d:/TXB-S422/speeds/RCS/APRight.inc,v 1.6 2004-12-15 11:11:26-08 Hamilton Exp Hamilton
\$

6.3 Tilt Down Speeds



[APDownP]

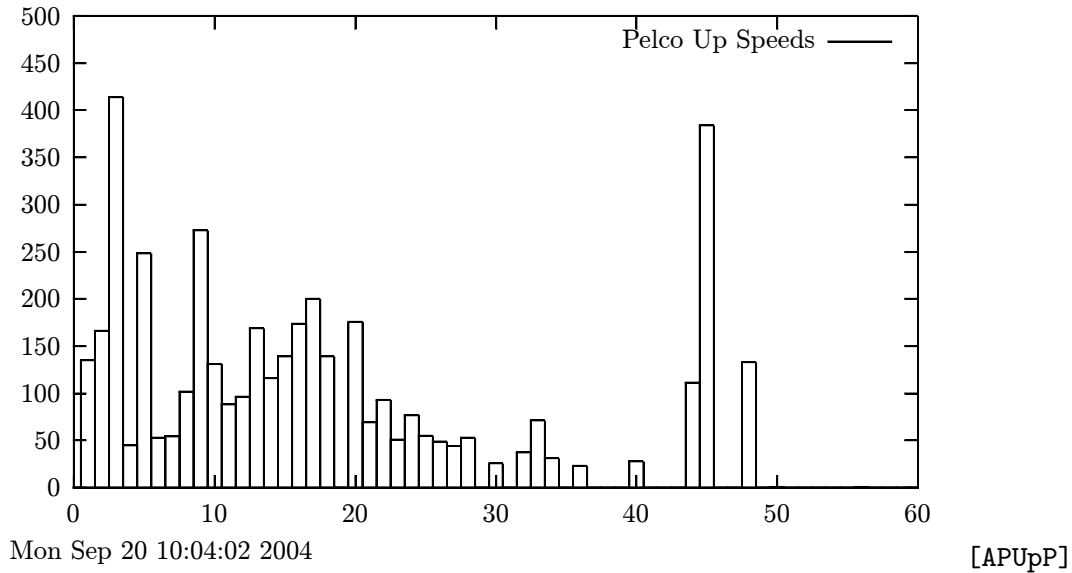
	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x0	0	123	239	55	18	0	0	0	0	0
x1	331	121	133	0	0	0	0	0	0	0
x2	337	126	132	51	0	0	0	0	0	0
x3	544	170	61	110	0	0	0	0	0	0
x4	95	132	92	35	90	0	0	0	0	0
x5	372	157	62	0	340	0	0	0	0	0
x6	127	200	59	38	0	0	0	0	0	0
x7	90	195	62	0	153	0	0	0	0	0
x8	148	250	50	0	0	0	0	0	0	0
x9	333	0	0	0	0	0	0	0	0	0

[APDown]

⁶¹\$Header: d:/TXB-S422/speeds/RCS/APDownP.inc,v 1.9 2004-12-15 11:11:26-08 Hamilton Exp Hamilton
\$

⁶²\$Header: d:/TXB-S422/speeds/RCS/APDown.inc,v 1.6 2004-12-15 11:11:25-08 Hamilton Exp Hamilton
\$

6.4 Tilt Up Speeds



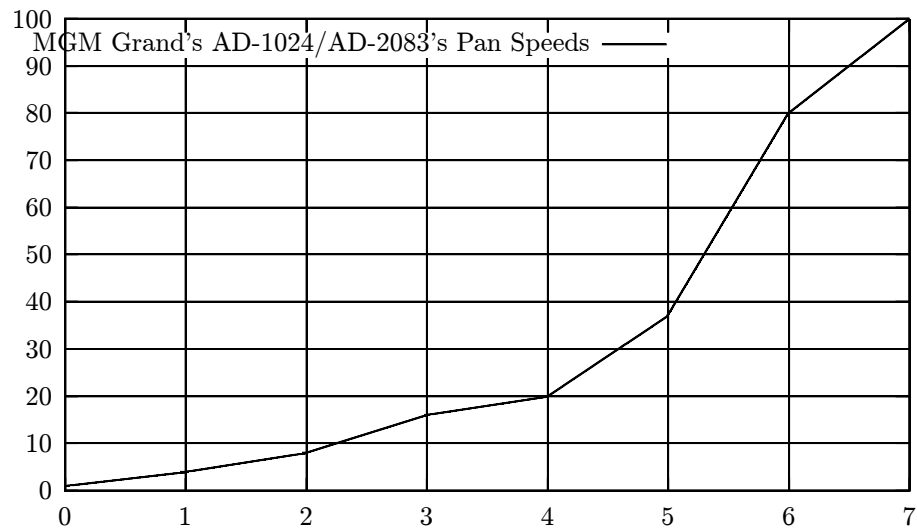
[APUp]

⁶³\$Header: d:/TXB-S422/speeds/RCS/APUpP.inc,v 1.9 2004-12-15 11:11:27-08 Hamilton Exp Hamilton \$

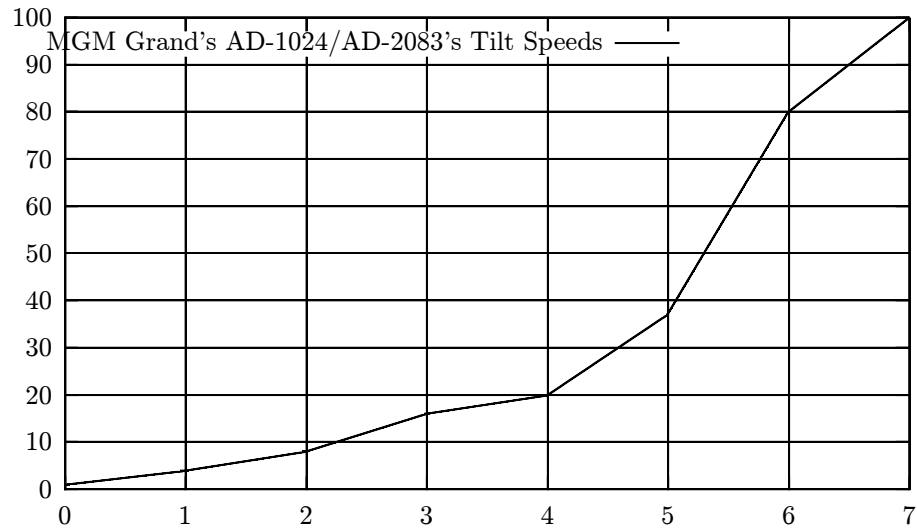
⁶⁴\$Header: d:/TXB-S422/speeds/RCS/APUpP.inc,v 1.6 2004-12-15 11:11:27-08 Hamilton Exp Hamilton \$

7 Speeds of the AD-2083/AD-1024 system at the MGM Grand in Las Vegas

7.1 Pan and Tilt speeds used

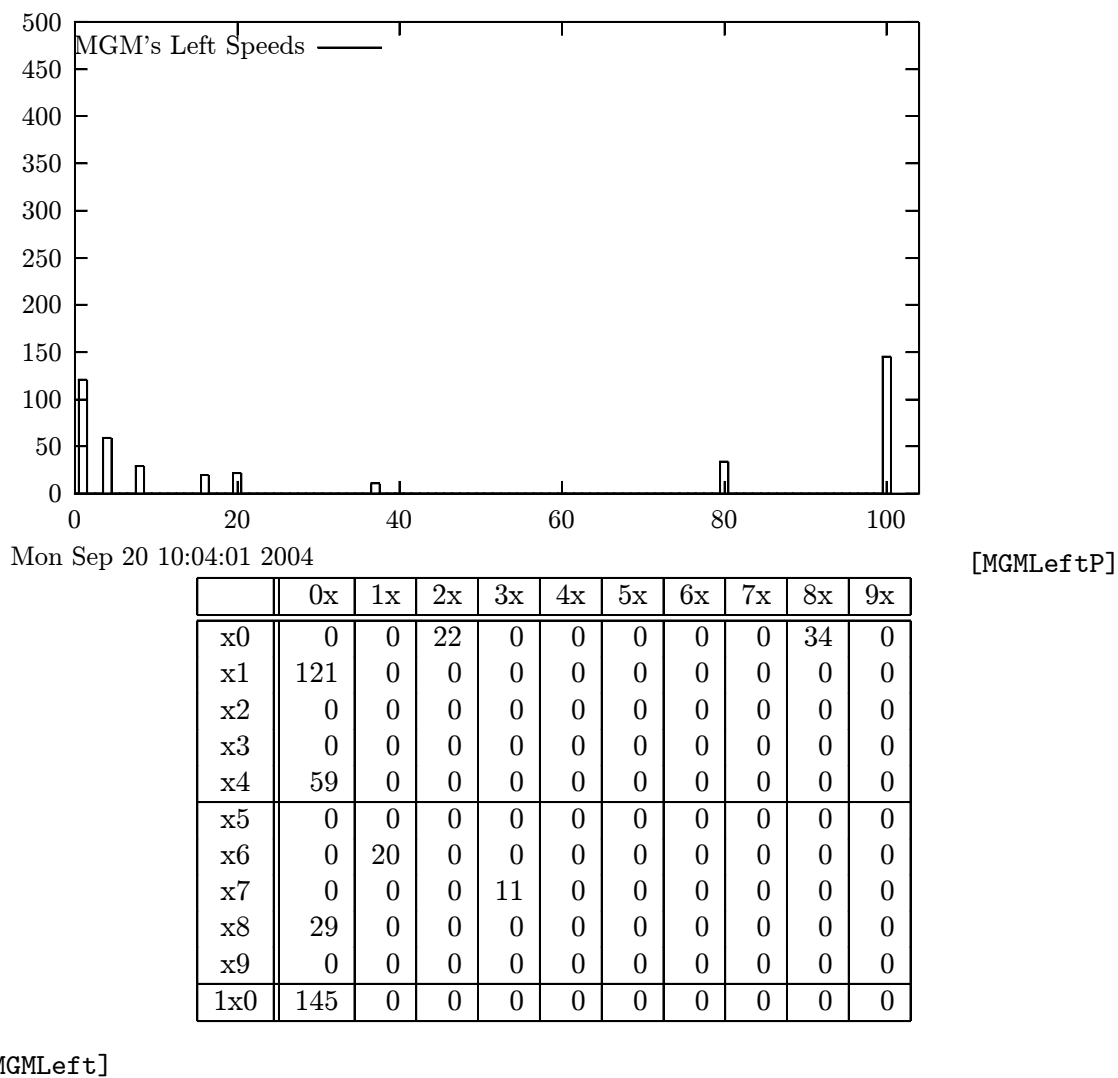


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Wed Dec 15 12:24:55 2004

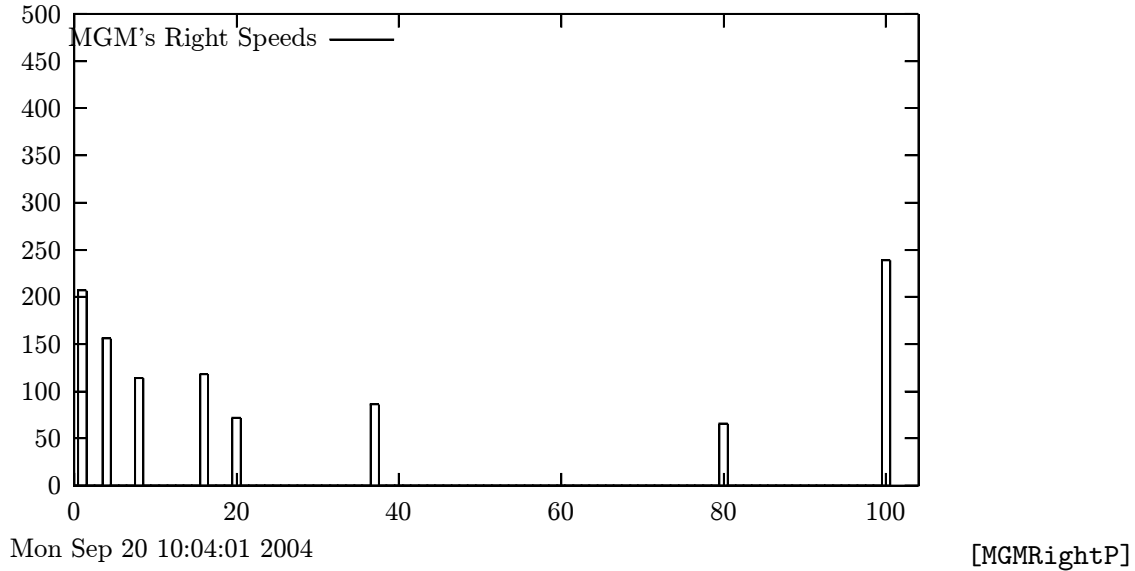
7.2 Pan Left Speeds



⁶⁵\$Header: d:/TXB-S422/speeds/RCS/MGMLeftP.inc,v 1.13 2004-12-15 11:11:36-08 Hamilton Exp
Hamilton \$

⁶⁶\$Header: d:/TXB-S422/speeds/RCS/MGMLeft.inc,v 1.6 2004-12-15 11:11:36-08 Hamilton Exp Hamilton
\$

7.3 Pan Right Speeds

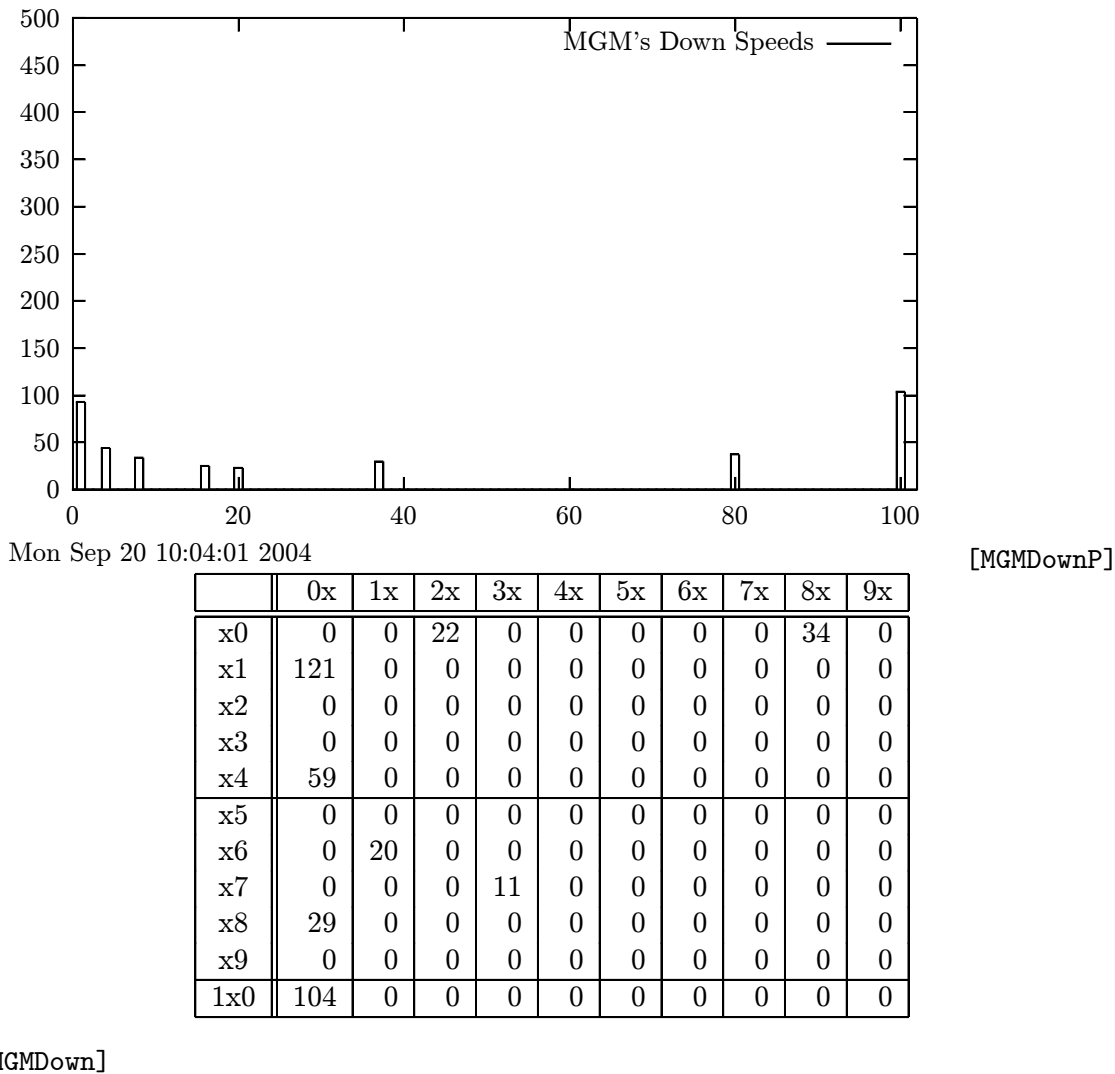


[MGMRight]

⁶⁷\$Header: d:/TXB-S422/speeds/RCS/MGMRightP.inc,v 1.13 2004-12-15 11:11:36-08 Hamilton Exp
Hamilton \$

⁶⁸\$Header: d:/TXB-S422/speeds/RCS/MGMRight.inc,v 1.6 2004-12-15 11:11:36-08 Hamilton Exp
Hamilton \$

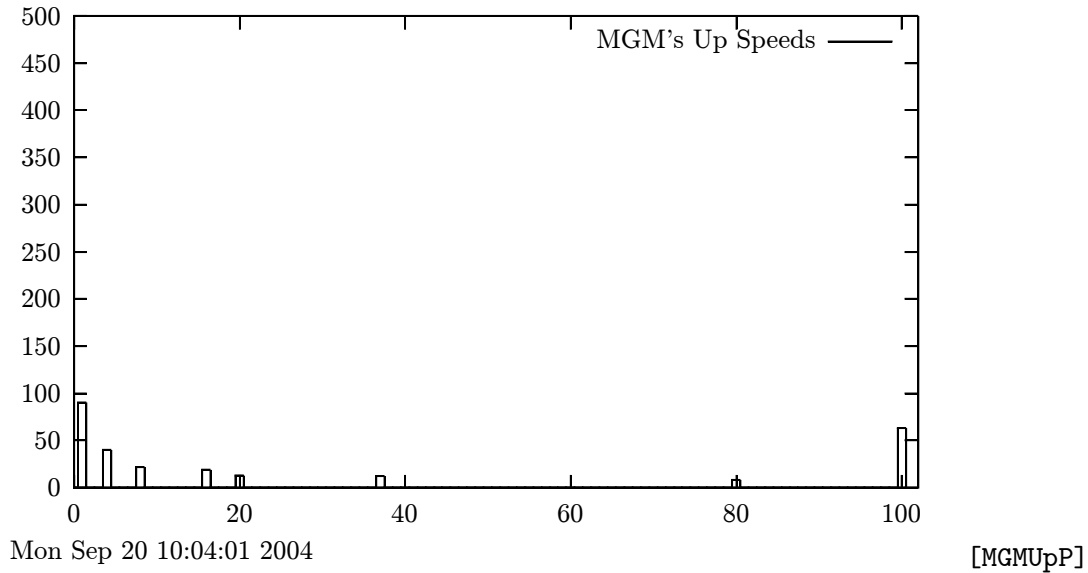
7.4 Tilt Down Speeds



⁶⁹\$Header: d:/TXB-S422/speeds/RCS/MGMDwnP.inc,v 1.13 2004-12-15 11:11:35-08 Hamilton Exp
Hamilton \$

⁷⁰\$Header: d:/TXB-S422/speeds/RCS/MGMDwn.inc,v 1.6 2004-12-15 11:11:35-08 Hamilton Exp Hamilton
\$

7.5 Tilt Up Speeds



	0x	1x	2x	3x	4x	5x	6x	7x	8x	9x
x0	0	0	13	0	0	0	0	0	8	0
x1	90	0	0	0	0	0	0	0	0	0
x2	0	0	0	0	0	0	0	0	0	0
x3	0	0	0	0	0	0	0	0	0	0
x4	40	0	0	0	0	0	0	0	0	0
x5	0	0	0	0	0	0	0	0	0	0
x6	0	19	0	0	0	0	0	0	0	0
x7	0	0	0	12	0	0	0	0	0	0
x8	22	0	0	0	0	0	0	0	0	0
x9	0	0	0	0	0	0	0	0	0	0
1x0	63	0	0	0	0	0	0	0	0	0

[MGMP]

⁷¹\$Header: d:/TXB-S422/speeds/RCS/MGMP.inc,v 1.13 2004-12-15 11:11:37-08 Hamilton Exp Hamilton

\$

⁷²\$Header: d:/TXB-S422/speeds/RCS/MGMP.inc,v 1.6 2004-12-15 11:11:37-08 Hamilton Exp Hamilton \$