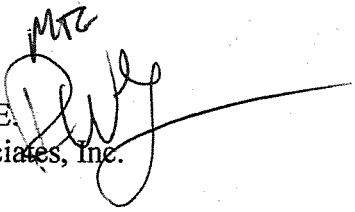


MEMORANDUM

To: Cuyler Feagles, AIA
City of Portland

Copy: Roy Williams, City of Portland(email)
Jim Stanislaski, Gensler. (email)
Cliff Takara, Gensler (email)
Lacey Fogg, AMEC (email)
Mike Fusco, Turner Construction Company (email)
Geoff Mitchell, Turner Construction Company (email)

From: Matthew T. Grady, P.E. 

Robert W. Gillespie, P.E.
R.W. Gillespie & Associates, Inc.

Date: 22 October 2010

Subject: Floor Flatness Testing Slab #01 to #09
Terminal Enhancement, Portland International Jetport
Portland, Maine
RWG&A Project No. 557-14

R. W. Gillespie & Associates, Inc., (RWG&A) is submitting the attached information for owner review and approval. On various dates between 22 September and 13 October 2010, RWG&A subcontracted F-Number Testing of New Ipswich, New Hampshire to perform floor flatness testing on Slab #01 to #09 at the subject project.

Attached are letter reports along with individual survey line floor profile data from F-Number Testing. Floor flatness testing was performed in accordance with ASTM 1155-96 and ACI 117 using the Dipstick Auto Read Profiler. Specifications require overall FF value of 40 and overall FL value of 20 for the test surface. It is our understanding that the overall FL value is not enforceable on unshored elevated slabs. The following is a summary of the test results:

<u>Placement Date</u>	<u>Date of Testing</u>	<u>Slab #</u>	<u>Section</u>	<u>FF Value</u>	<u>FL Value</u>	<u>Unshored Elev. Slab</u>
9/22/10	9/22/10	01	4-1 Roof	42.29	26.47	Yes
9/22/10	9/22/10	02	3-1	33.73*	29.55	Yes
9/22/10	9/22/10	03	3-1	43.76	24.99	Yes
9/24/10	9/24/10	04	3-1	60.60	25.37	Yes
10/2/10	10/2/10	05	3-2	45.26	23.87	Yes

R. W. Gillespie & Associates, Inc.

Geotechnical Engineering • Geohydrology • Materials Testing Services

Corporate Office

200 International Dr., Ste 170
Portsmouth, NH 03801
603-427-0244 • Fax 603-430-2041

86 Industrial Park Rd., Ste 4
Saco, ME 04072
207-286-8008 • Fax 207-286-2882

P.O. Box 289
Augusta, ME 04344
207-623-4914 • Fax 207-623-3429

R. W. Gillespie & Associates, Inc.

Page 2 of 2

10/2/10	10/2/10	06	Roof	40.24	21.93	Yes
10/4/10	10/5/10	07	1-2	49.54	21.22	No
10/5/10	10/5/10	08	3-2	45.98	21.05	Yes
10/13/10	10/13/10	09	4-3,4-4	49.14	28.95	Yes

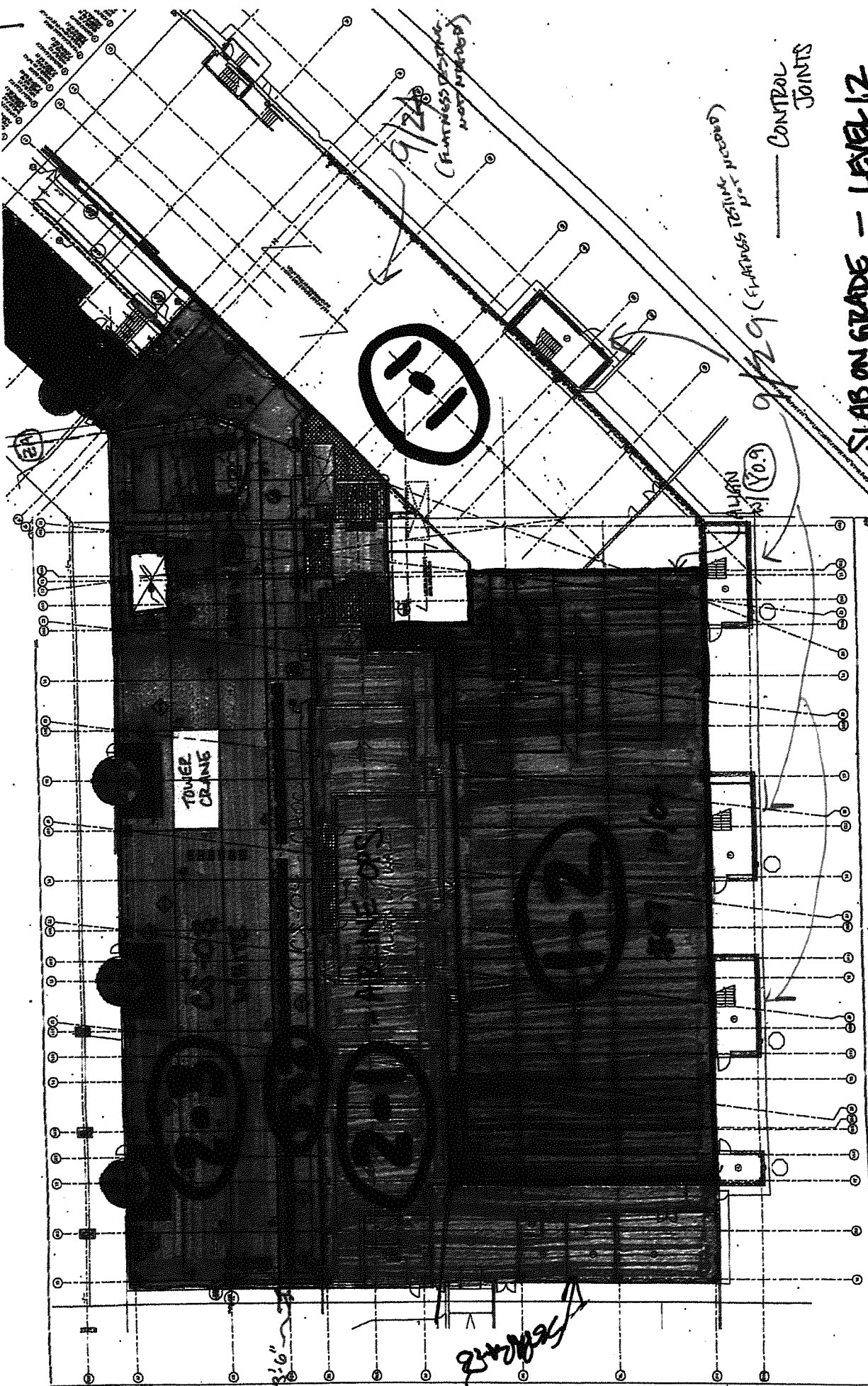
Note:* Indicates below specification.

Results meet specification except for the FF value for slab #02. Turner Construction Company was notified of the non-conforming FF value by F-Number Testing on 22 September 2010 before leaving the site. If you have any questions, please contact us.

Encl: Location & Date of Floor Flatness Testing Sketches - Level 1, 2, Level 3, Level 4
F-Number Testing Report dated 28 September 2010 - Slab #01, 02, 03
F-Number Testing Report dated 29 September 2010 - Slab #04
F-Number Testing Report dated 08 October 2010 - Slab #05
F-Number Testing Report dated 08 October 2010 - Slab #06
F-Number Testing Report dated 15 October 2010 - Slab #07
F-Number Testing Report dated 15 October 2010 - Slab #08
F-Number Testing Report dated 20 October 2010 - Slab #09

MTG/RWG:md

G:\PROJECTS\0500\0557\557-014\Corresp\2010-10-22 Floor Flatness Testing Slab #01 to #09.wpd



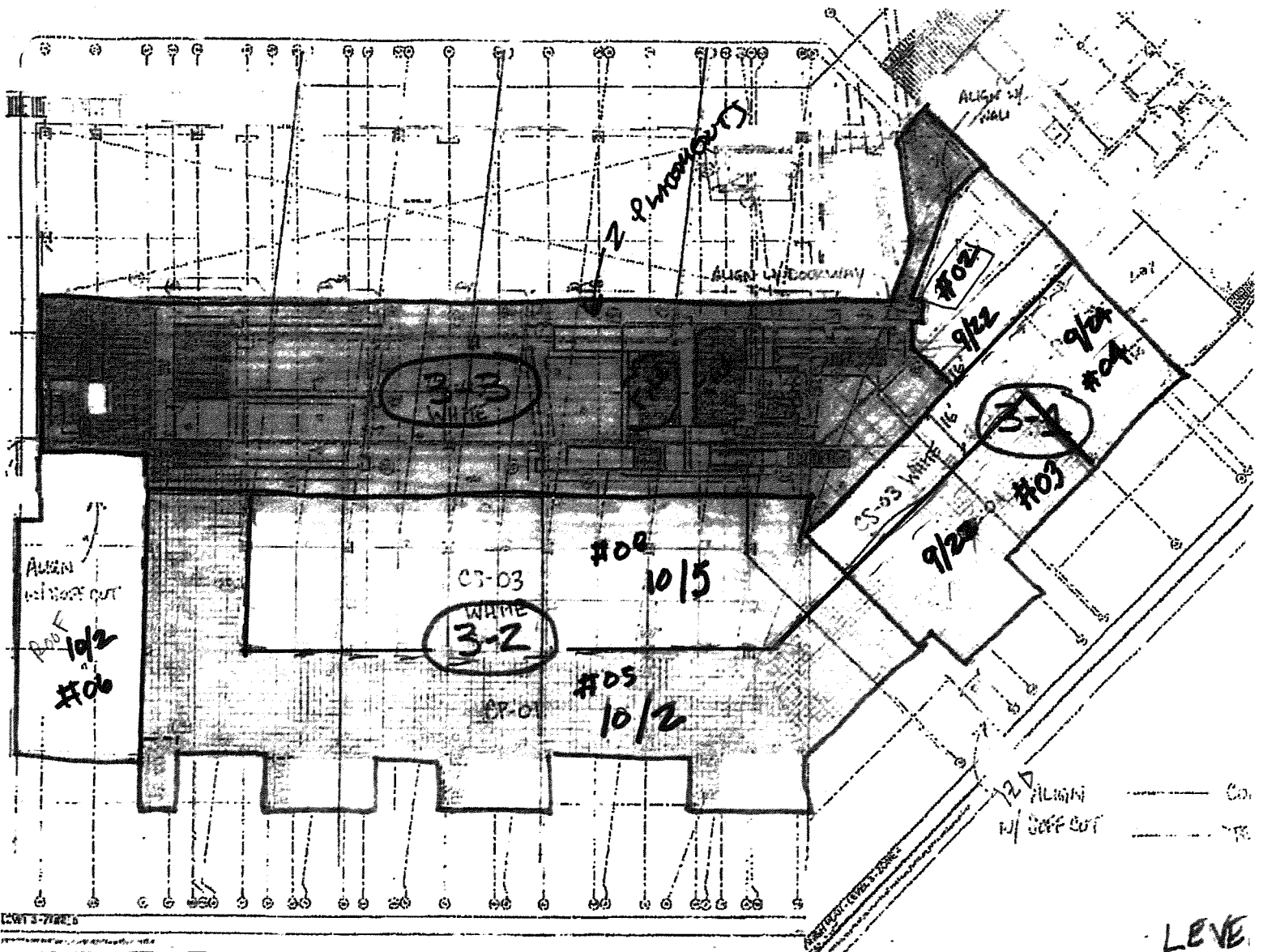
SLAB ON GRADE - LEVEL 12

PROJECT: PORTLAND SEAPORT. TERMINAL ENTRANCE
 PROJECT#: 557-14

2010

#07 10/04 - LOCATION & DATE OF FLOOR FINISHES TESTING

FINISH PLAN - LEVEL 12 - ZONE 6



LEVEL 3 - SLAB PLACEMENT IDENTIFICATION

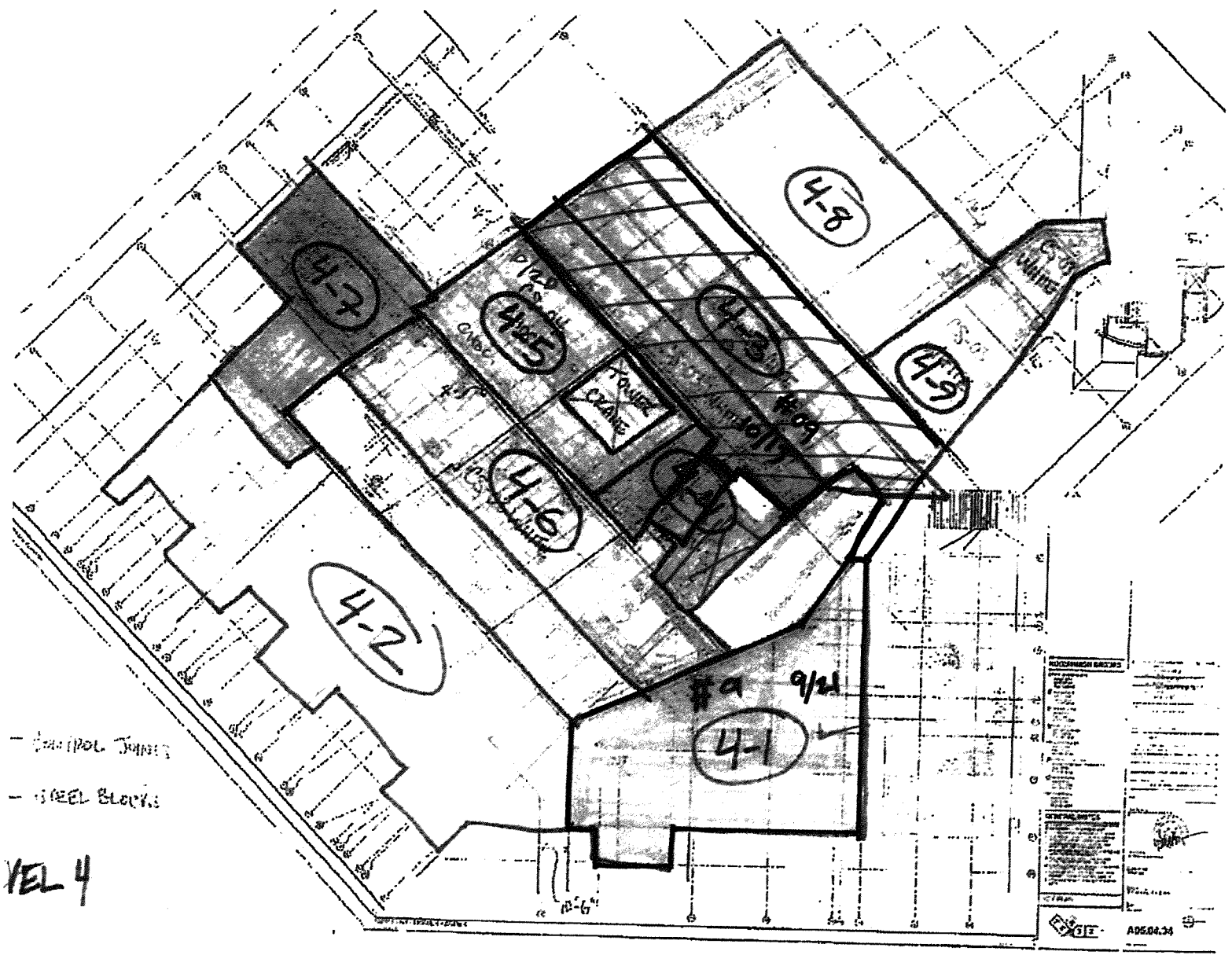
PROJECT: PORTLAND SEAPORT - TERMINAL ENHANCEMENT

PROJECT #: 557-14

2010

#08 10/5 - INDICATE LOCATION & DATE
OF FLOOR FLATNESS TESTING

LEVEL
3



- CONTROL JOINTS
 - STEEL BLOCKS

VEL 4

LEVEL 4 - SLAB PLACEMENT IDENTIFICATION
 PROJECT: PORTLAND JETPORT - TERMINAL ENHANCEMENT
 PROJECT #: 551-14
 2010
 # 09 10/13 - INDICATES LOCATION & DATE OF
 FLOOR FLATNESS TESTING.

F - NUMBER TESTING

surface flatness/levelness

a division of Earl R. Somero & Associates, Inc.

September 28, 2010

Mr. Mathew Grady
R W Gillespie & Associates, Inc.
86 Industrial Park Road, Suite 4
Saco, ME 04072

Slab #01 ROOF (4-1)
Slab #02 At C.4 & 1Y.8 (L3) (3-1)
Slab #03 At E.3-F & 1ZD-1ZA (L3) (3-1)

RE: F-Number Tolerance Testing
Portland Jetport, Portland, ME

Dear Mr. Grady:

The purpose of this letter is to notify you of the F-Number test results for the above referenced slabs. The floor slabs were tested in accordance with the provisions set forth in ASTM-1155-96 and ACI 117 Standard using the DIPSTICK AUTO-READ PROFILER. (One exception was the Slab #01 Roof where I did two survey lines just to get an indication of the surface tolerance. See below) These slabs were placed on Wednesday, September 22, 2010, and tested on Wednesday, September 22, 2010.

SPECIFICATIONS: Floors shall conform to the following surface profile tolerances:

POLISHED FLOORS (COLORED CONCRETE) FF: 40 FL: 20

RANDOMLY TRAFFICKED FLOOR SURFACE:

Specified Overall FF Value: 25 Specified Overall FL Value: 20
Minimum Local FF Value: 17 Minimum Local FL Value: 15

SURVEY SECTION RESULTS FOR SLAB #01 (ROOF)

Individual survey lines are as follows:

LINE #	FF #	FL #	Rdgs	LINE #	FF #	FL #	Rdgs
01ACR1	37.11	34.43	88	01UP02	42.29	26.47	68

with a combined value of: FF: 39.12 <35.37-42.87> FL 30.25 <27.16-33.34>

Mr. Mathew Grady
R W Gillespie & Associates, Inc,
Jetport, Portland, ME - Slabs #01, #02 & #03
September 28, 2010
Page 2

TEST SECTION RESULTS FOR SLAB #02 (POLISHED COLORED CONCRETE)

The overall FF value is 33.73, with a 90% Confidence Interval <30.72-36.74>
which is BELOW the Specified Overall Value specification.

The overall FL value is 29.55, with a 90% Confidence Interval <26.37-32.73>
which is not enforceable on unshored elevated slabs.

Individual survey lines are as follows:

LINE #	FF #	FL #	Rdgs	LINE #	FF #	FL #	Rdgs
02ACR1	27.83	31.46	21	02UP04	26.52	22.61	18
02ACR2	35.26	21.36	24	02UP05	45.49	53.12	21
02ACR3	48.12	46.92	18	02UP06	34.09	34.92	24

Number of Readings required: 72 Actual: 126

MFG

Mr. Mathew Grady
R W Gillespie & Associates, Inc,
Jetport, Portland, ME - Slabs #01, #02 & #03
September 28, 2010
Page 3

TEST SECTION RESULTS FOR SLAB #03 (POLISHED COLORED CONCRETE)

The overall FF value is 43.76, with a 90% Confidence Interval <40.12-47.39>
which is ABOVE the Specified Overall Value specification.

The overall FL value is 24.99, with a 90% Confidence Interval <22.37-27.61>
which is not enforceable on elevated slabs.

Individual survey lines are as follows:

LINE #	FF #	FL #	Rdgs	LINE #	FF #	FL #	Rdgs
03ACR1	41.03	36.49	16	03UP05	48.02	19.11	18
03ACR2	41.71	83.67	16	03UP06	37.97	18.59	16
03ACR3	46.94	22.08	18	03UP07	51.52	31.02	16
03ACR4	40.48	30.59	16	03UP08	46.91	22.81	16

Number of Readings required: 72 Actual: 132

Please do not hesitate to call if you have any questions.

Sincerely yours,



Earl R. Somero
F-Number Testing

MR

31

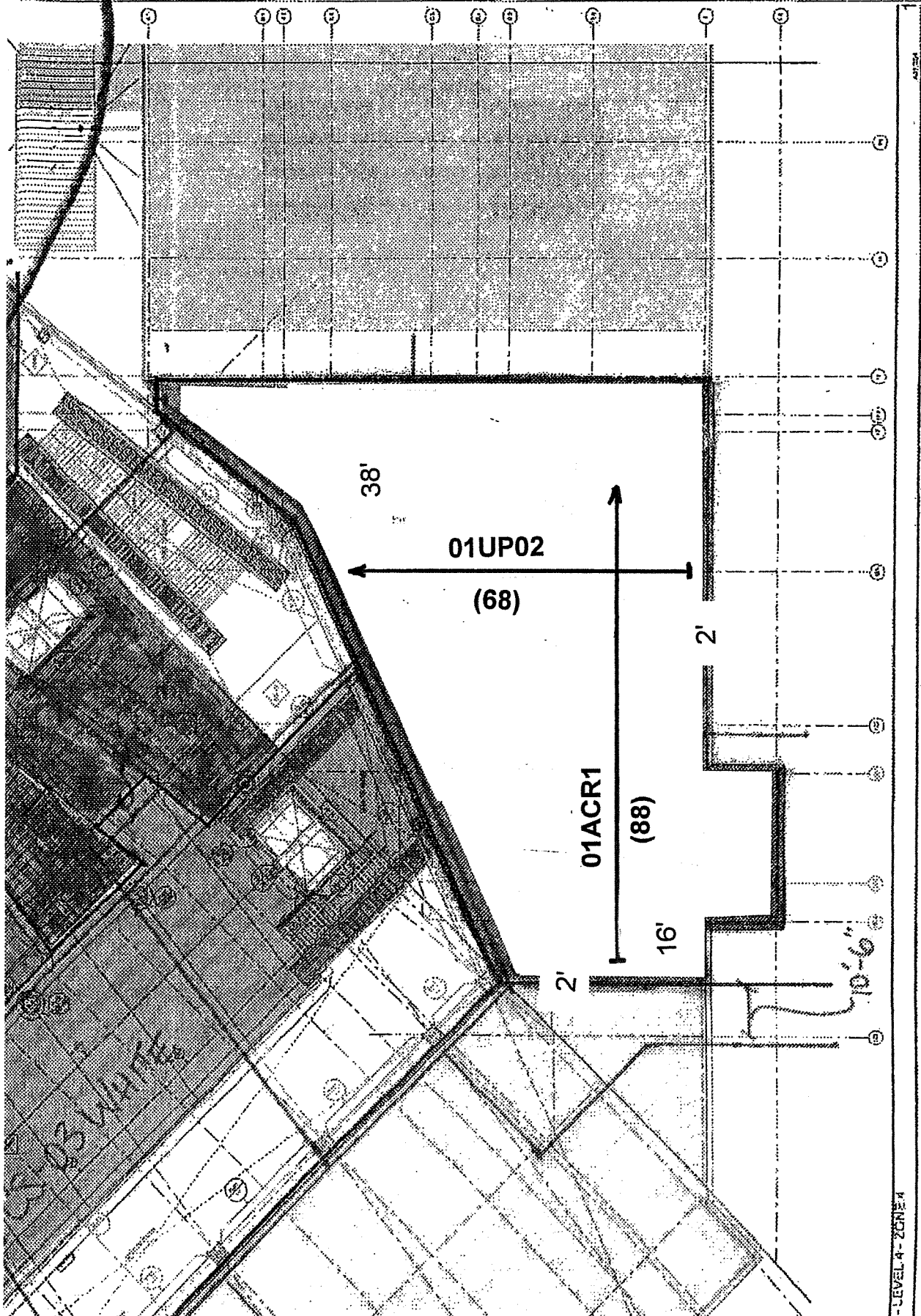
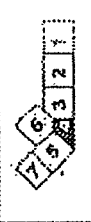
ROOM FINISH GROUPS

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GENERAL NOTES

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.
- 2. ALL MATERIALS SHALL BE APPROVED BY THE ARCHITECT.
- 3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.
- 4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.
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- 9. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.
- 10. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.

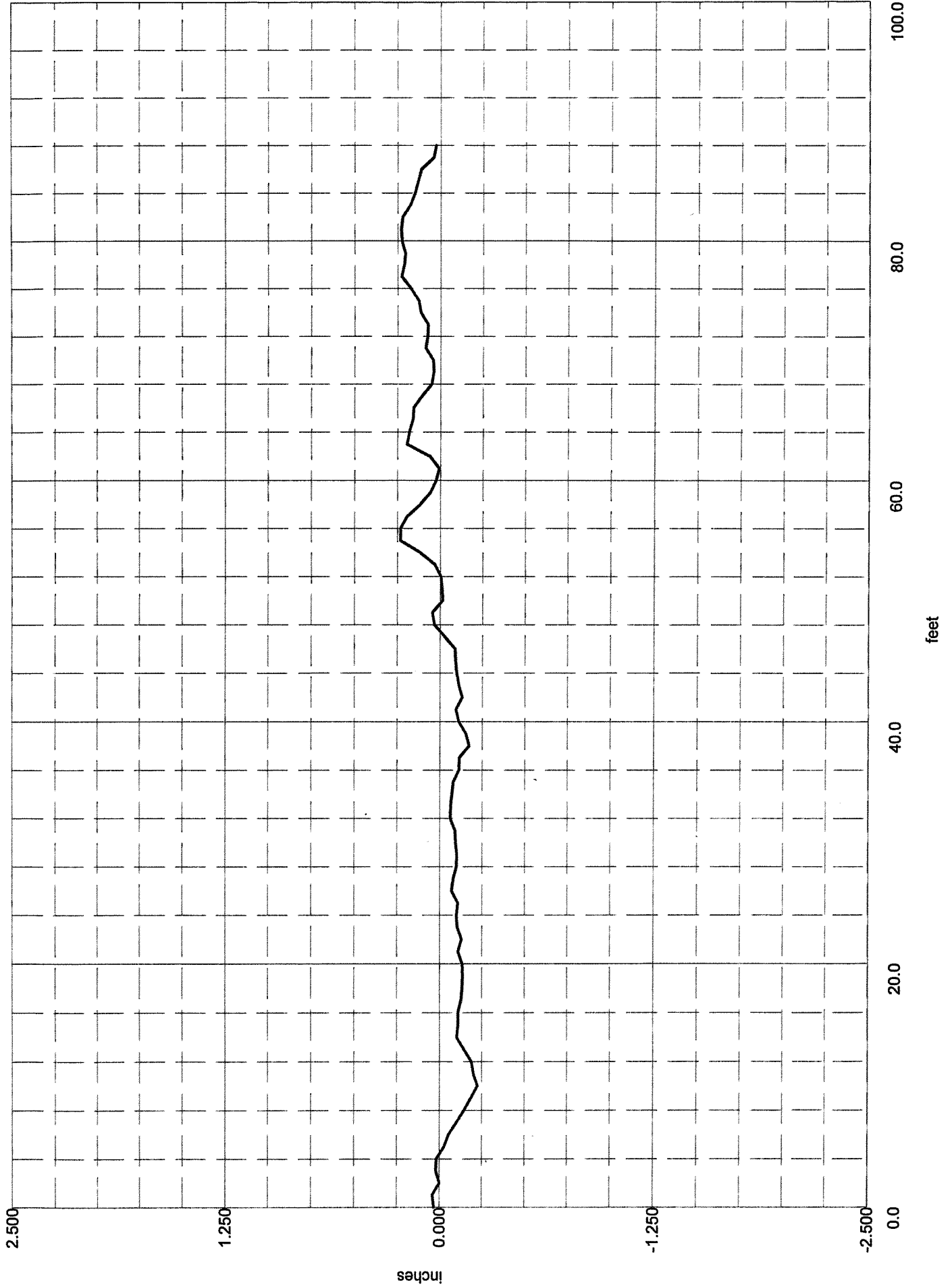
KEY PLAN



JETPORT
 PORTLAND, ME
 SLAB #01 (LEVEL 4, SECTION 4-1, 6MM)
 ROOF

LEVEL 4 - ZONE 4

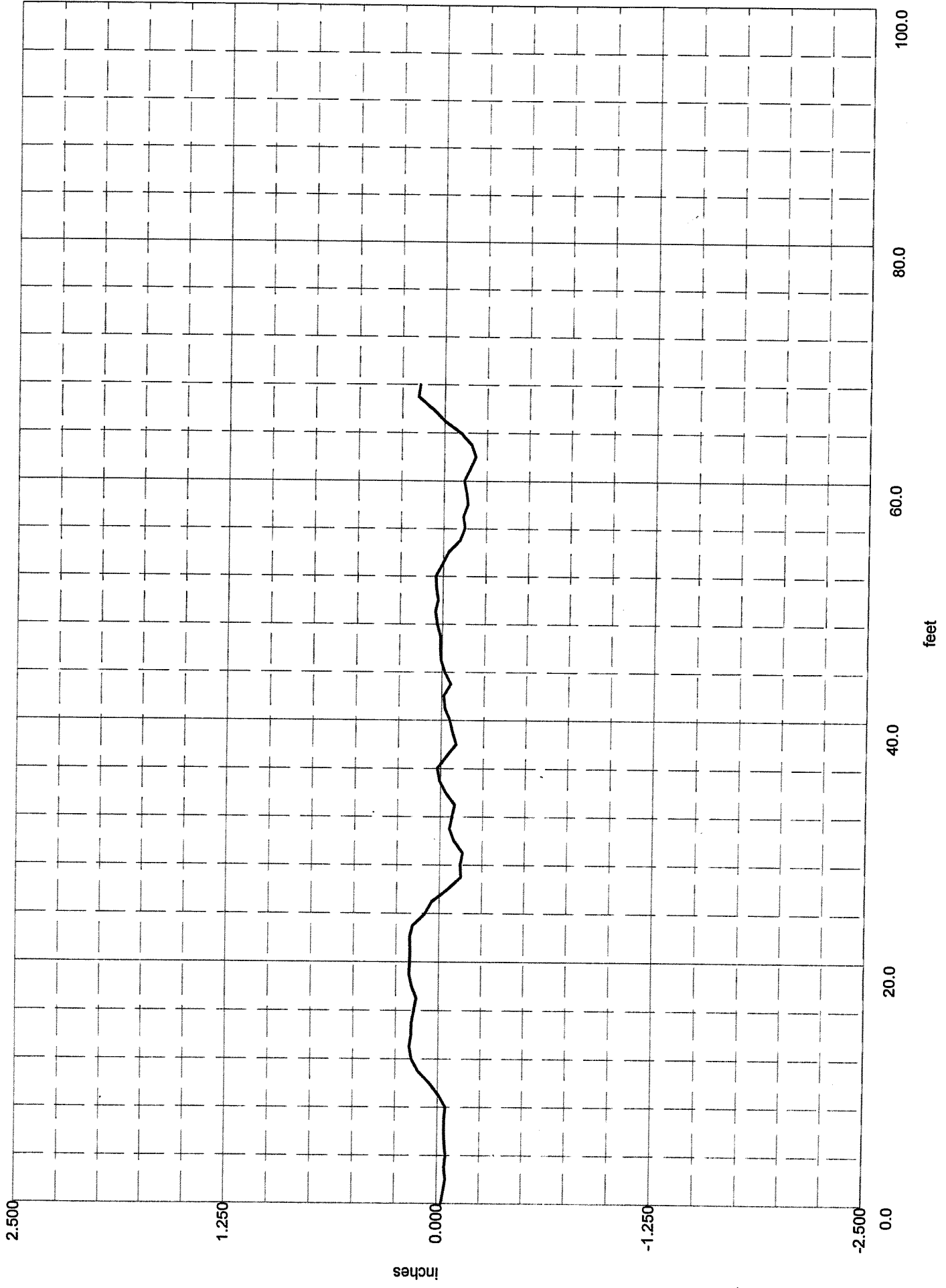
JETPORT PORTLAND1 01ACR1



F-NUMBER TESTING

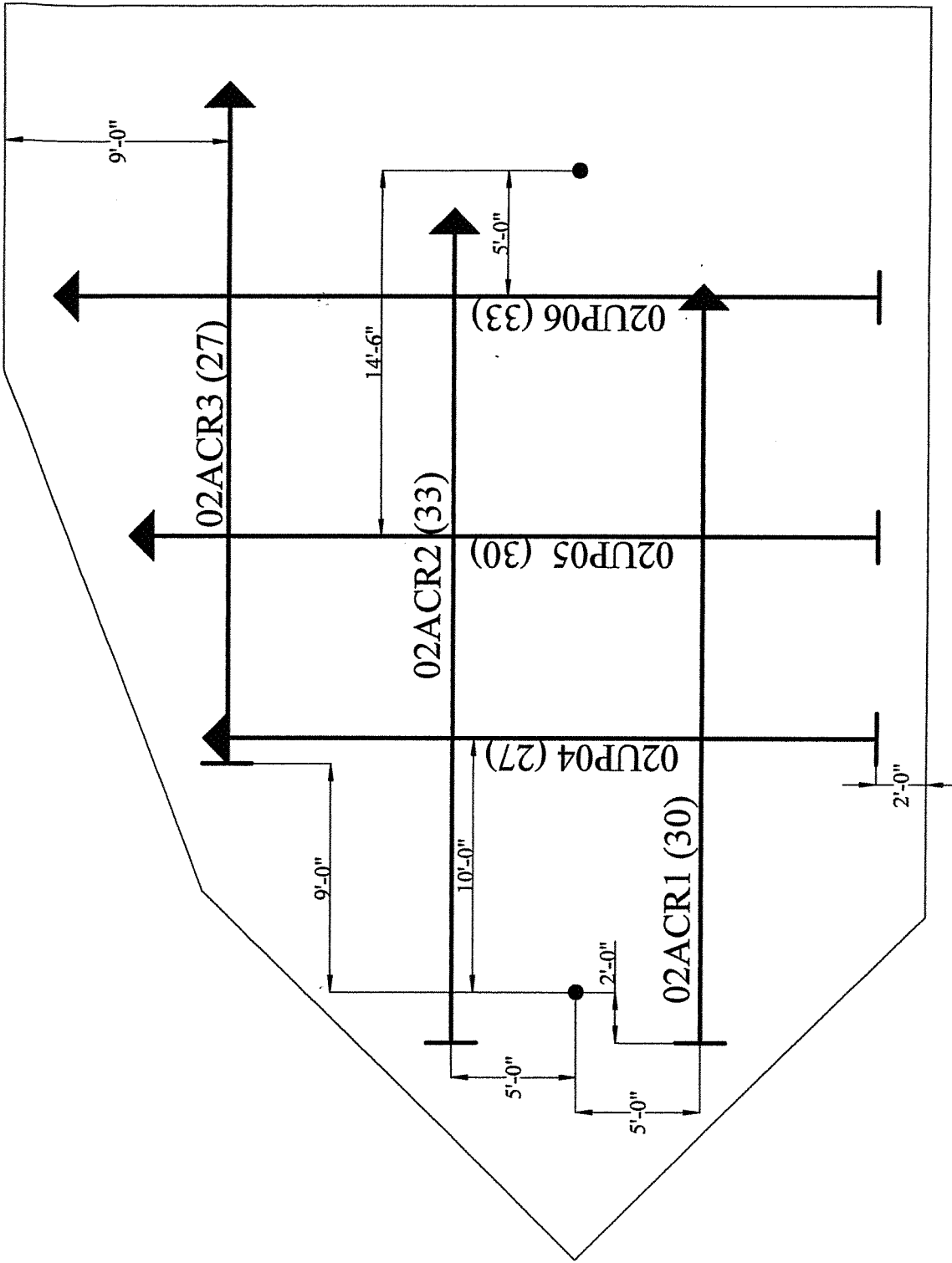
FF = 37.1 <32.2 - 42.0> FL = 34.4 <29.6 - 39.3>

JETPORT PORTLAND1 01UP02



F-NUMBER TESTING

FF = 42.3 <35.9 - 48.7> FL = 26.5 <22.1 - 30.8>



— C.4

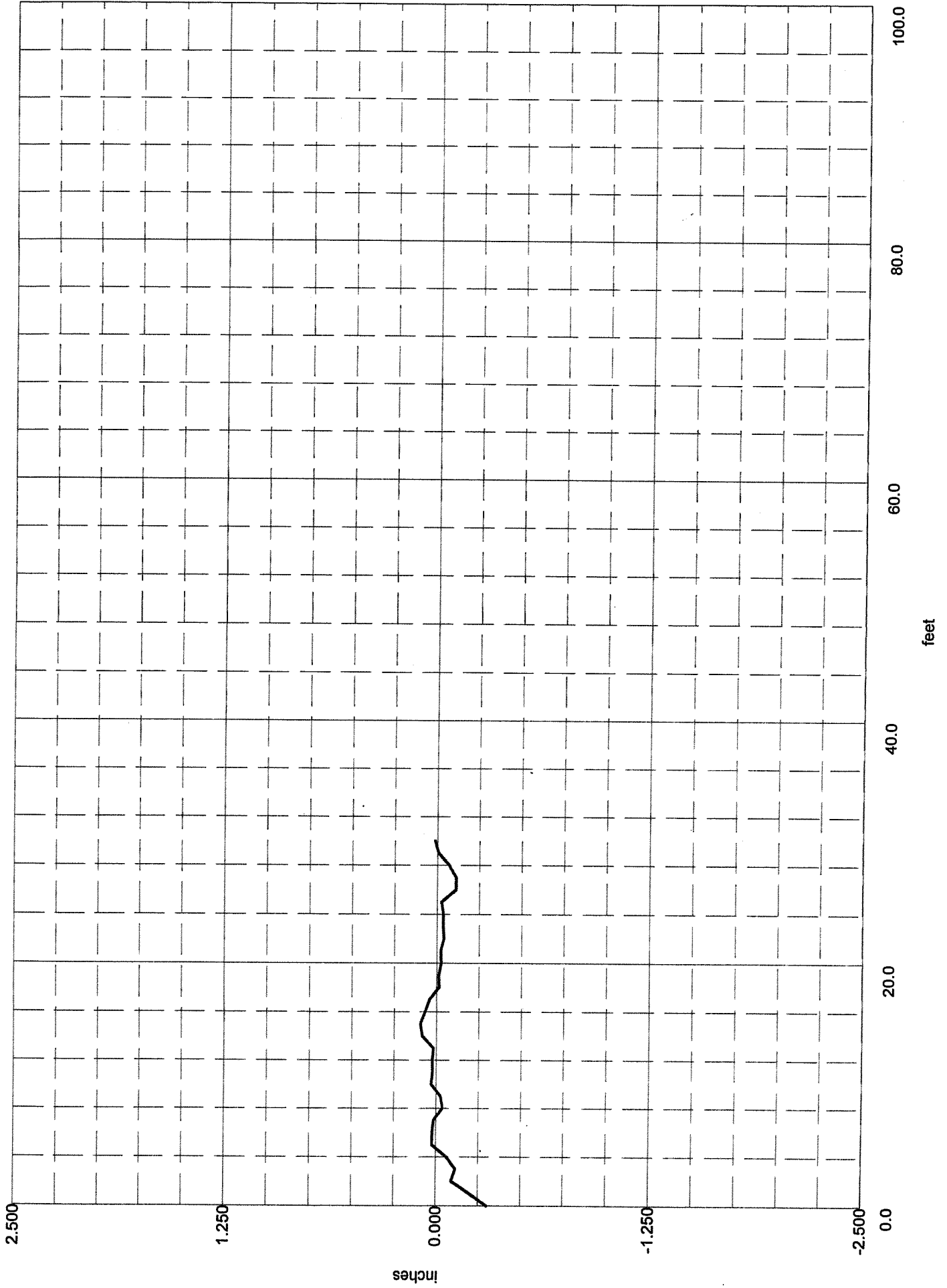
JETPORT
 PORTLAND ME
 SLAB #2

LENG 3, PART OF SECTION 3-1, WITH

1Y.8
 Earl R. Somero
 F. NUMBER TESTING

P.O. Box 486 New Ipswich, NH 03071
 603-878-1634

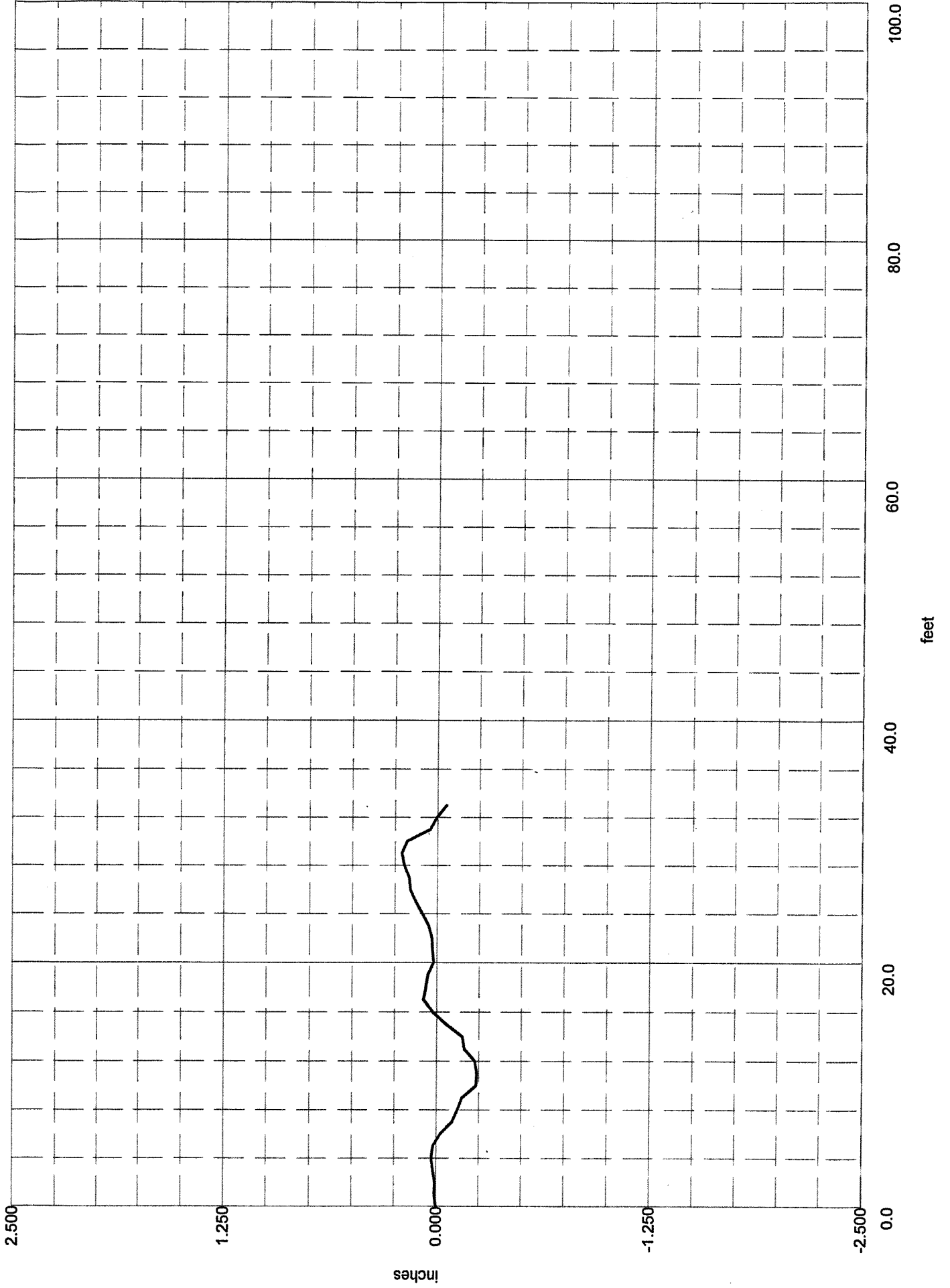
JETPORT PORTLAND2 02ACR1



F-NUMBER TESTING

FF = 27.8 <21.5 - 34.2> FL = 31.5 <22.8 - 40.1>

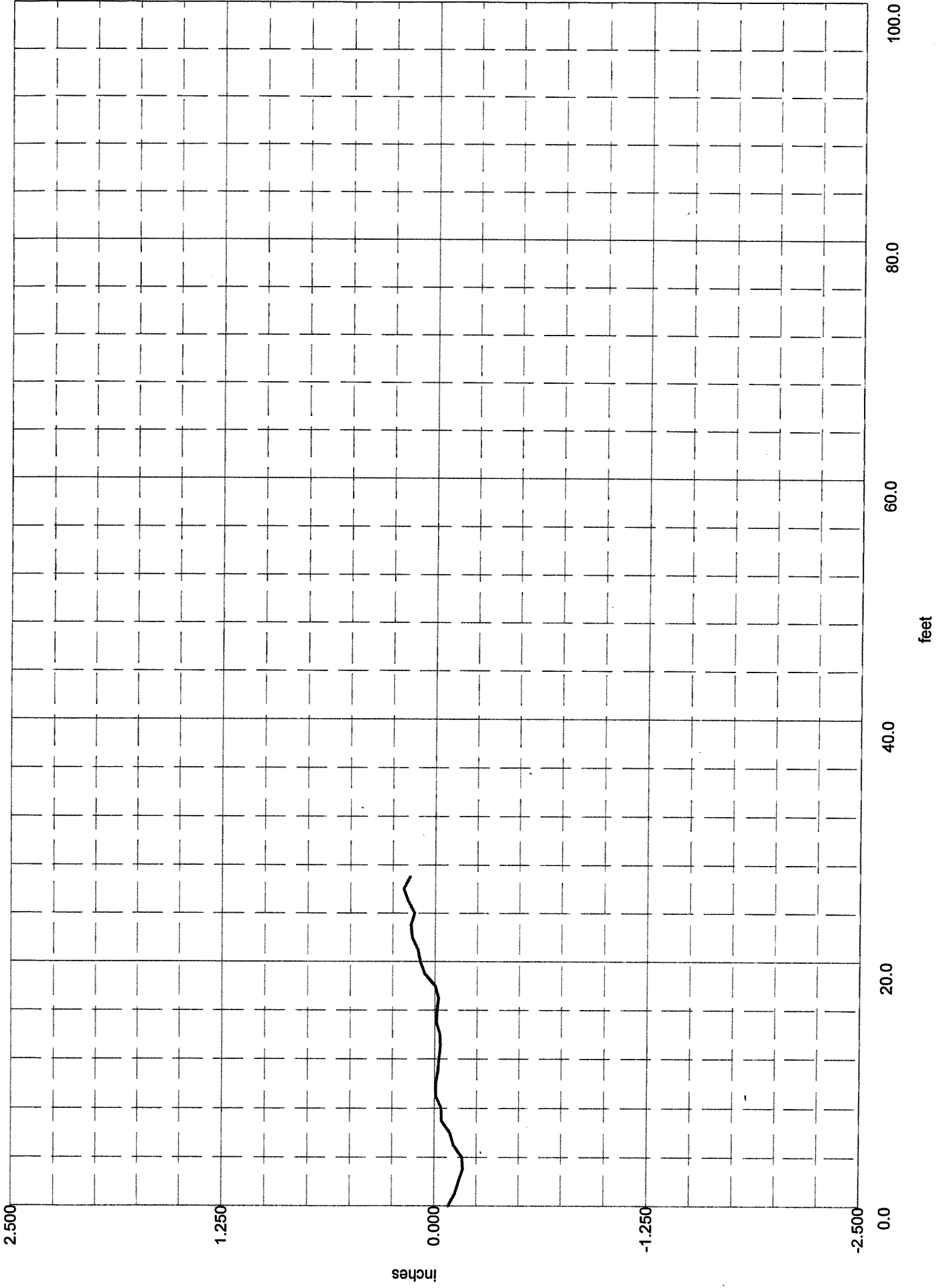
JETPORT PORTLAND2 02ACR2



F-NUMBER TESTING

FF = 35.3 <27.6 - 42.9> FL = 21.4 <15.8 - 26.9>

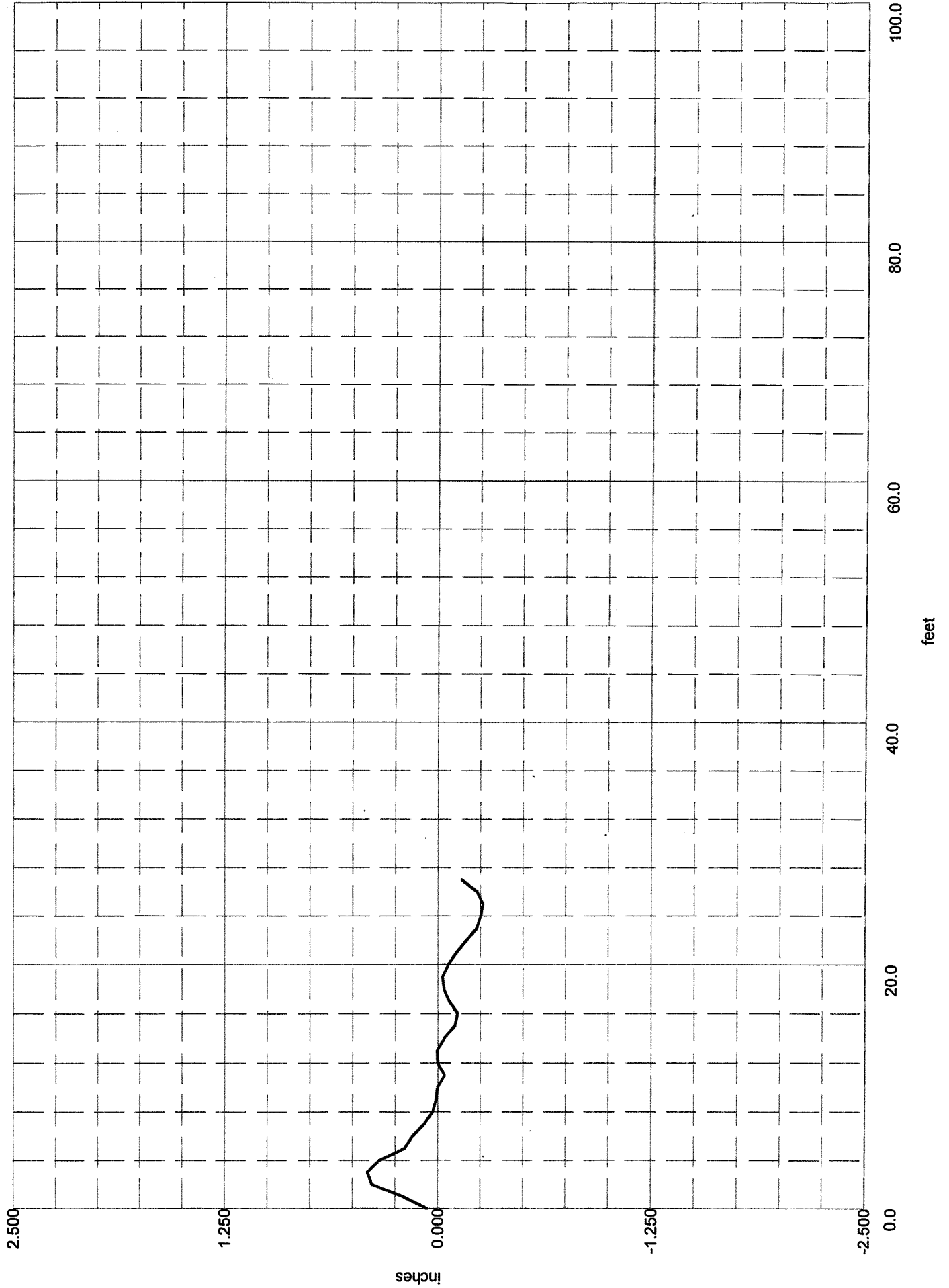
JETPORT PORTLAND2 02ACR3



F-NUMBER TESTING

FF = 48.1 <36.6 - 59.7> FL = 46.9 <33.0 - 60.8>

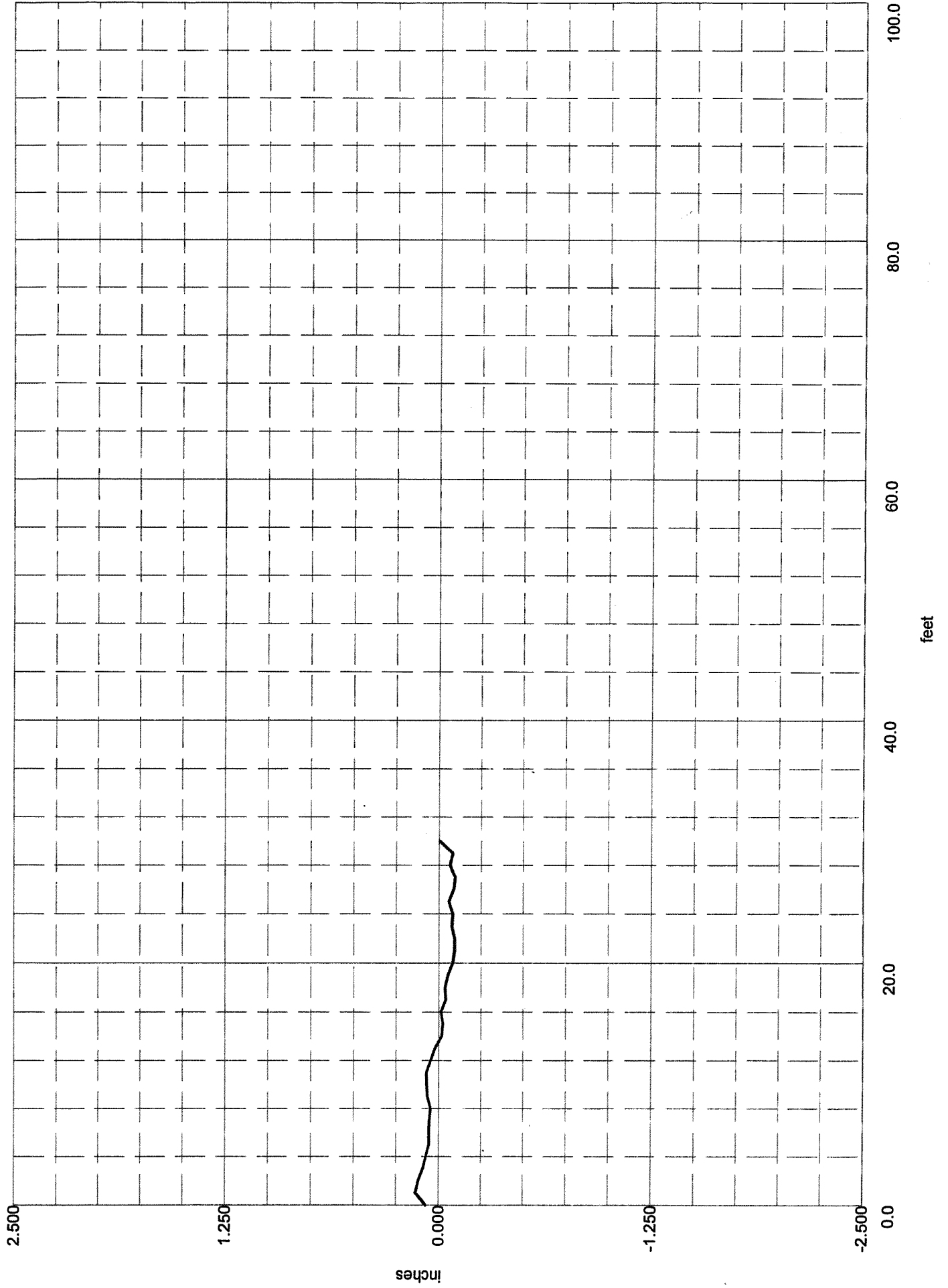
JETPORT PORTLAND2 02UP04



F-NUMBER TESTING

FF = 26.5 <20.2 - 32.9> FL = 22.6 <15.9 - 29.3>

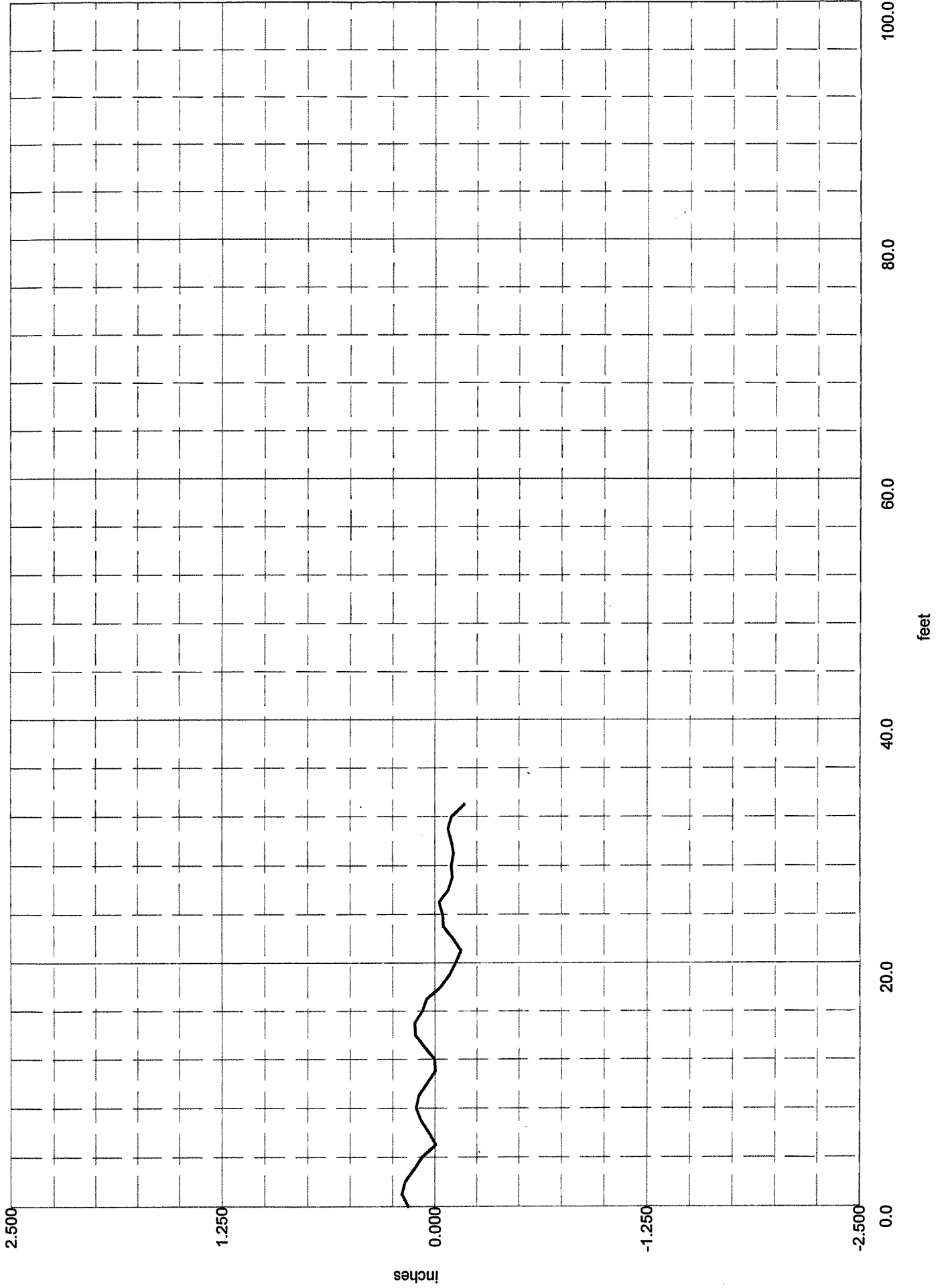
JETPORT PORTLAND2 02UP05



F-NUMBER TESTING

FF = 45.5 <35.1 - 55.9> FL = 53.1 <38.5 - 67.8>

JETPORT PORTLAND2 02UP06



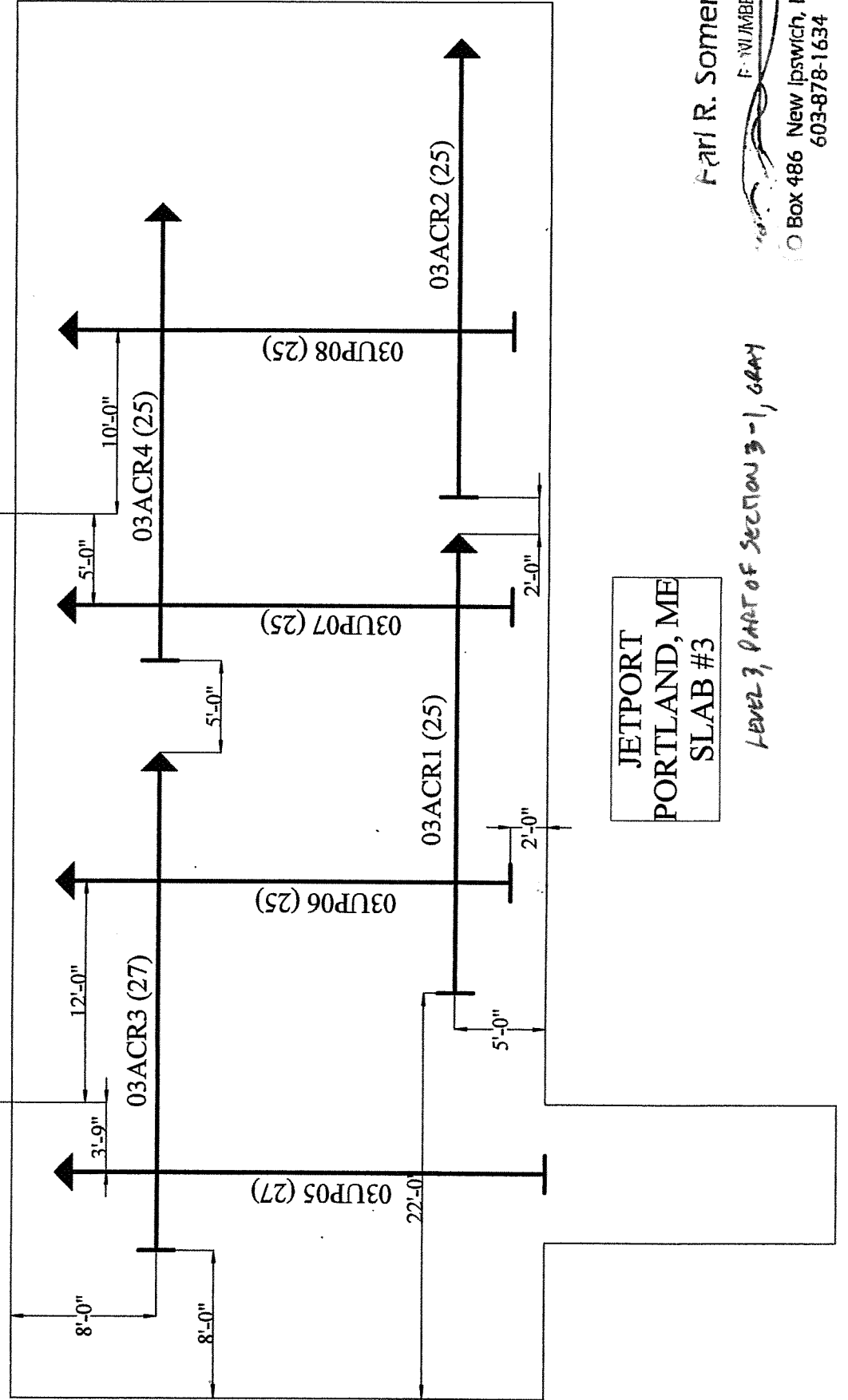
F-NUMBER TESTING

FF = 34.1 <26.7 - 41.5> FI = 34.9 <25.9 - 43.9>

1ZA

1ZB

1ZC



JETPORT
 PORTLAND, ME
 SLAB #3

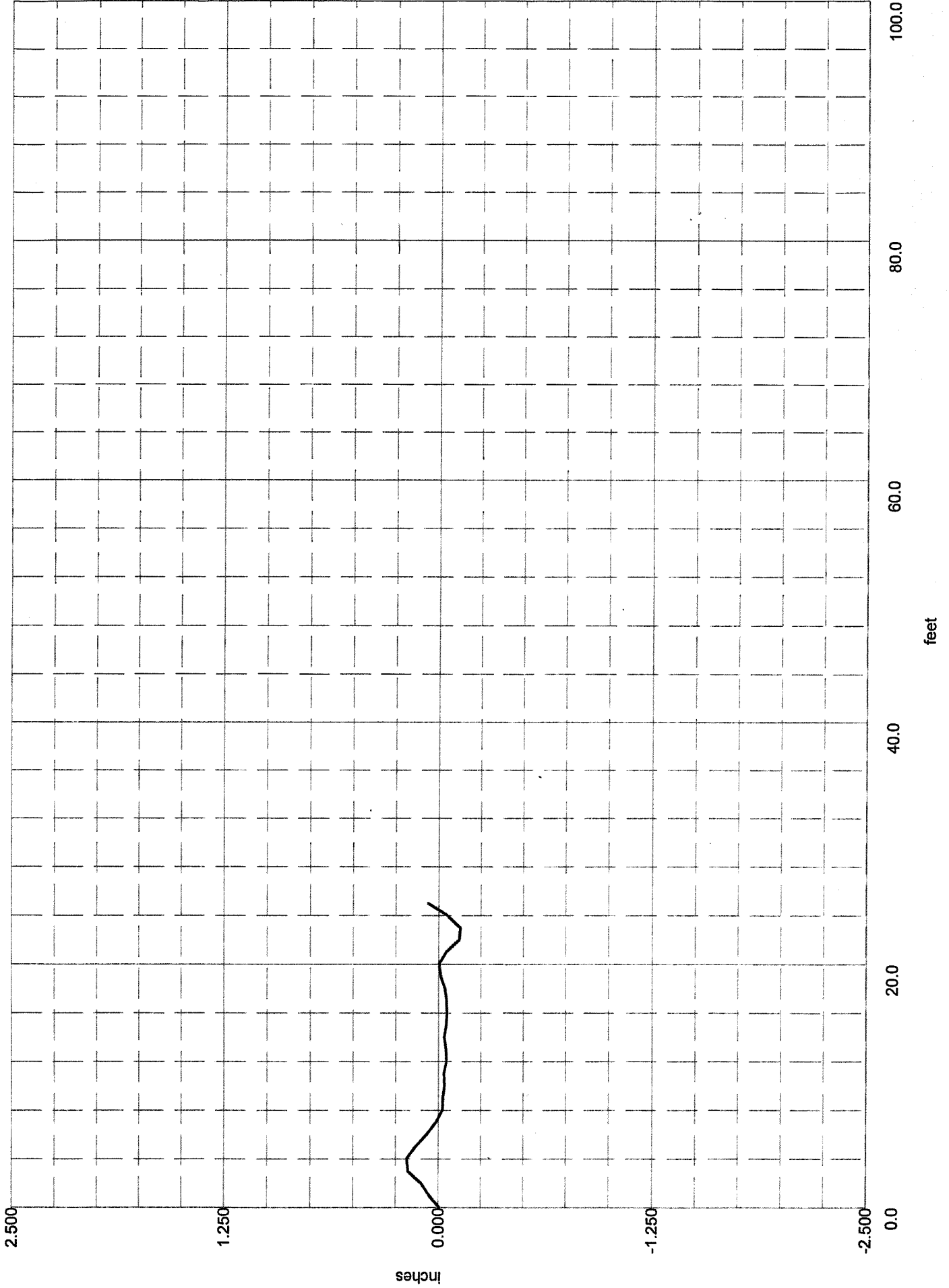
Level 3, PART OF SECTION 3-1, GRAY

Earl R. Somero



Box 486 New Ipswich, NH 030
 603-878-1634

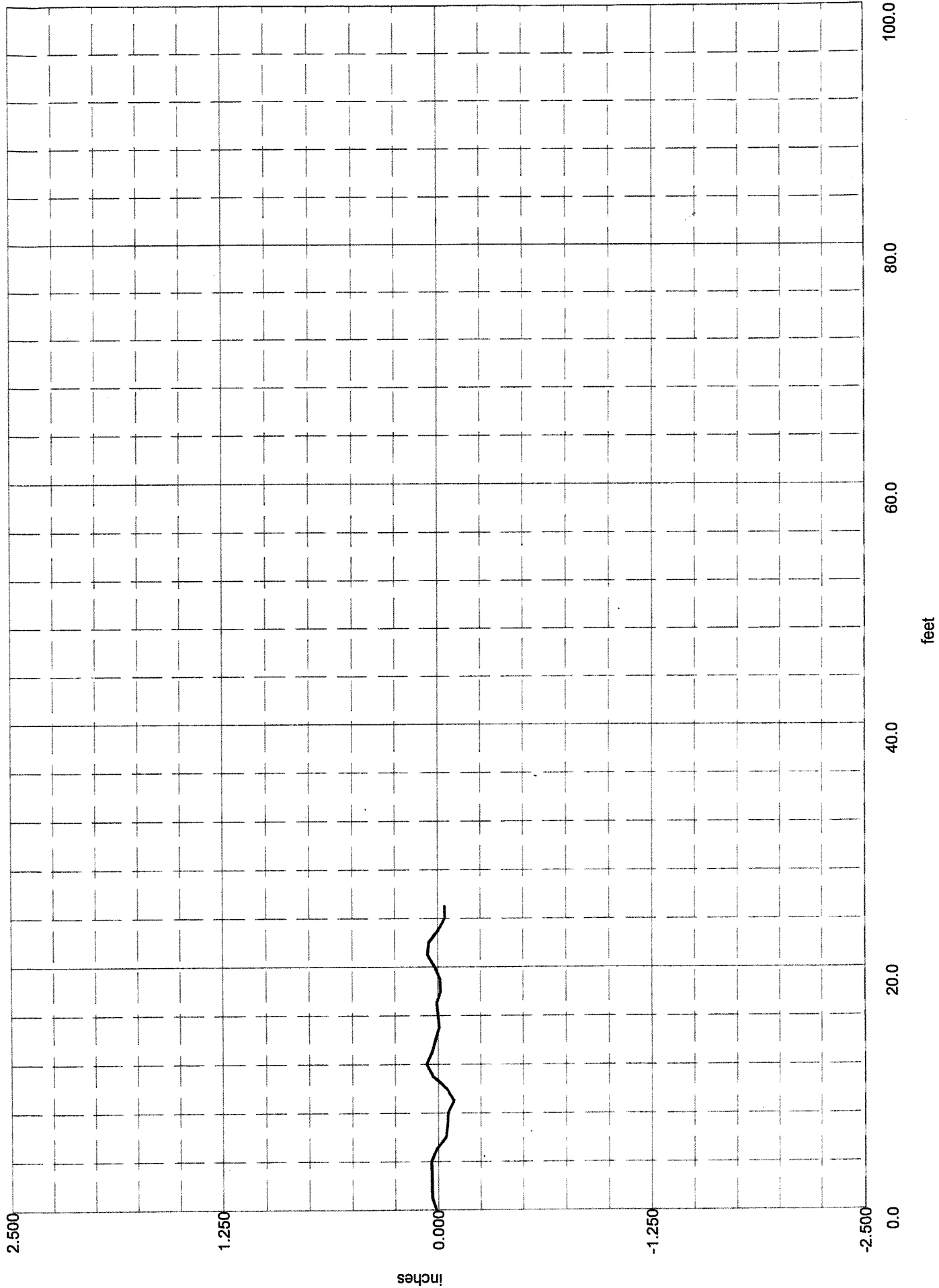
JETPORT PORTLAND3 03ACR1



F-NUMBER TESTING

FF = 41.0 <30.8 - 51.2> FL = 36.5 <25.1 - 47.9>

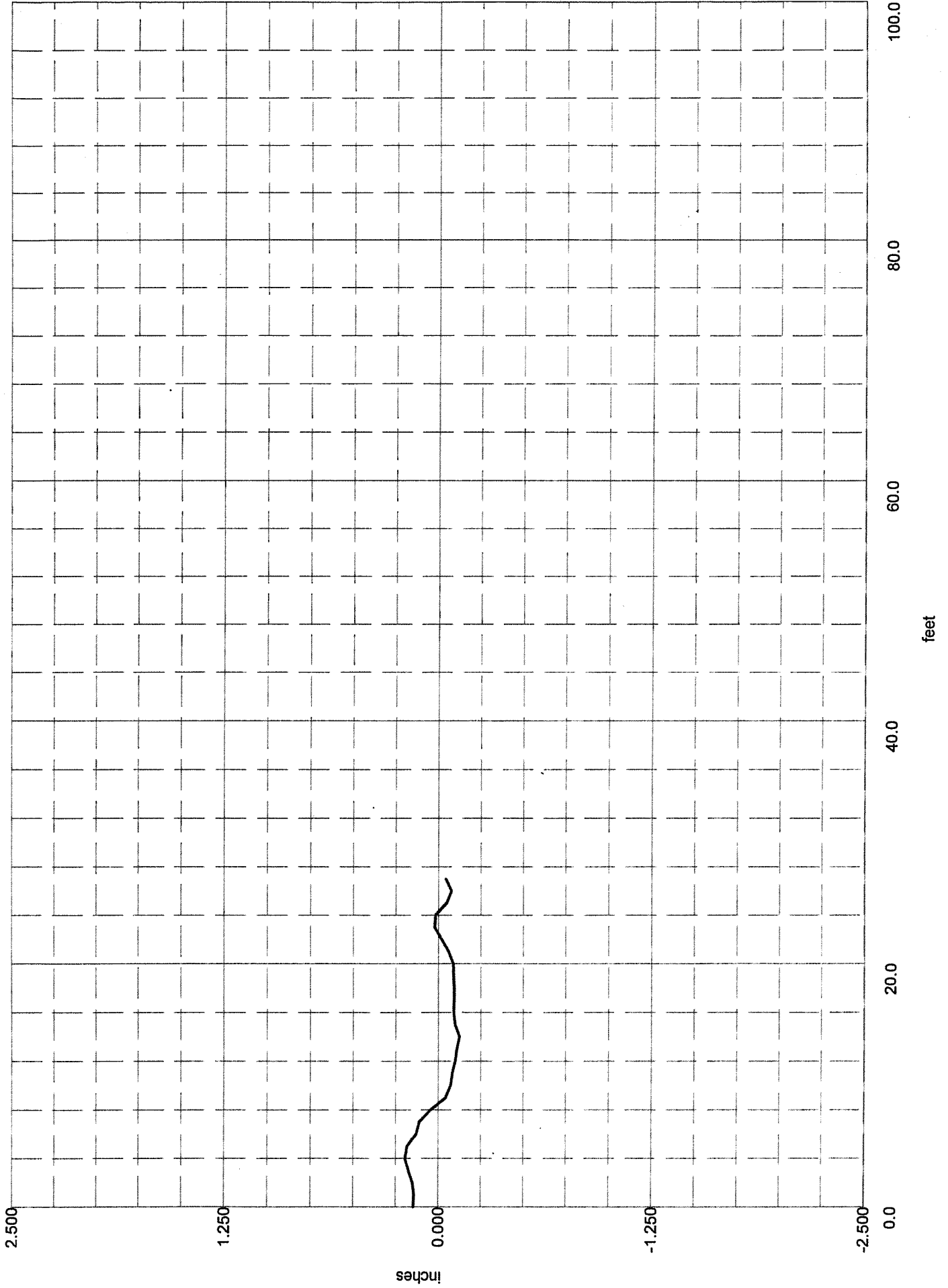
JETPORT PORTLAND3 03ACR2



F-NUMBER TESTING

FF = 41.7 <31.3 - 52.1> FL = 83.7 <57.5 - 109.8>

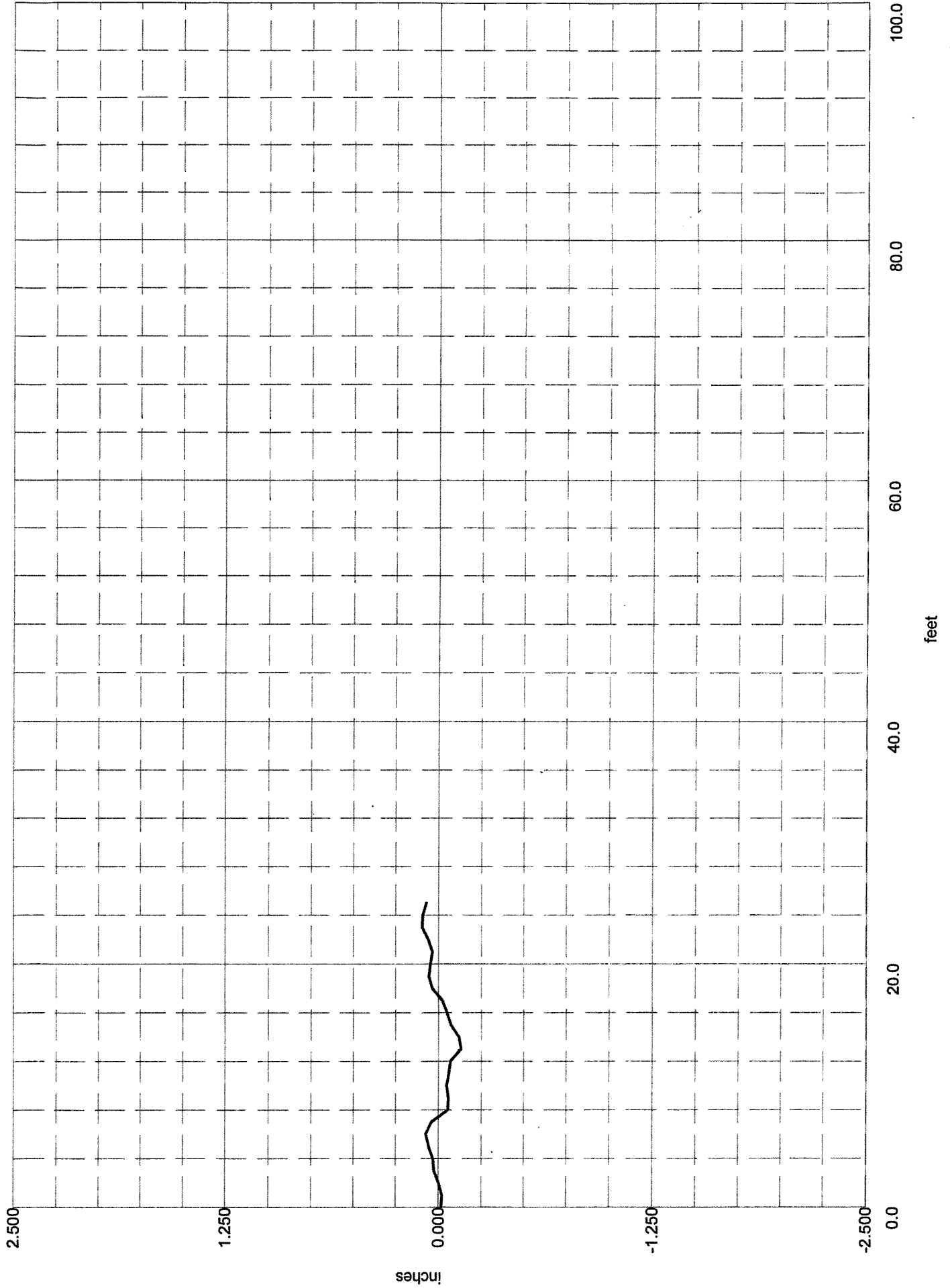
JETPORT PORTLAND3 03ACR3



F-NUMBER TESTING

FF = 46.9 <35.7 - 58.2> FL = 22.1 <15.5 - 28.6>

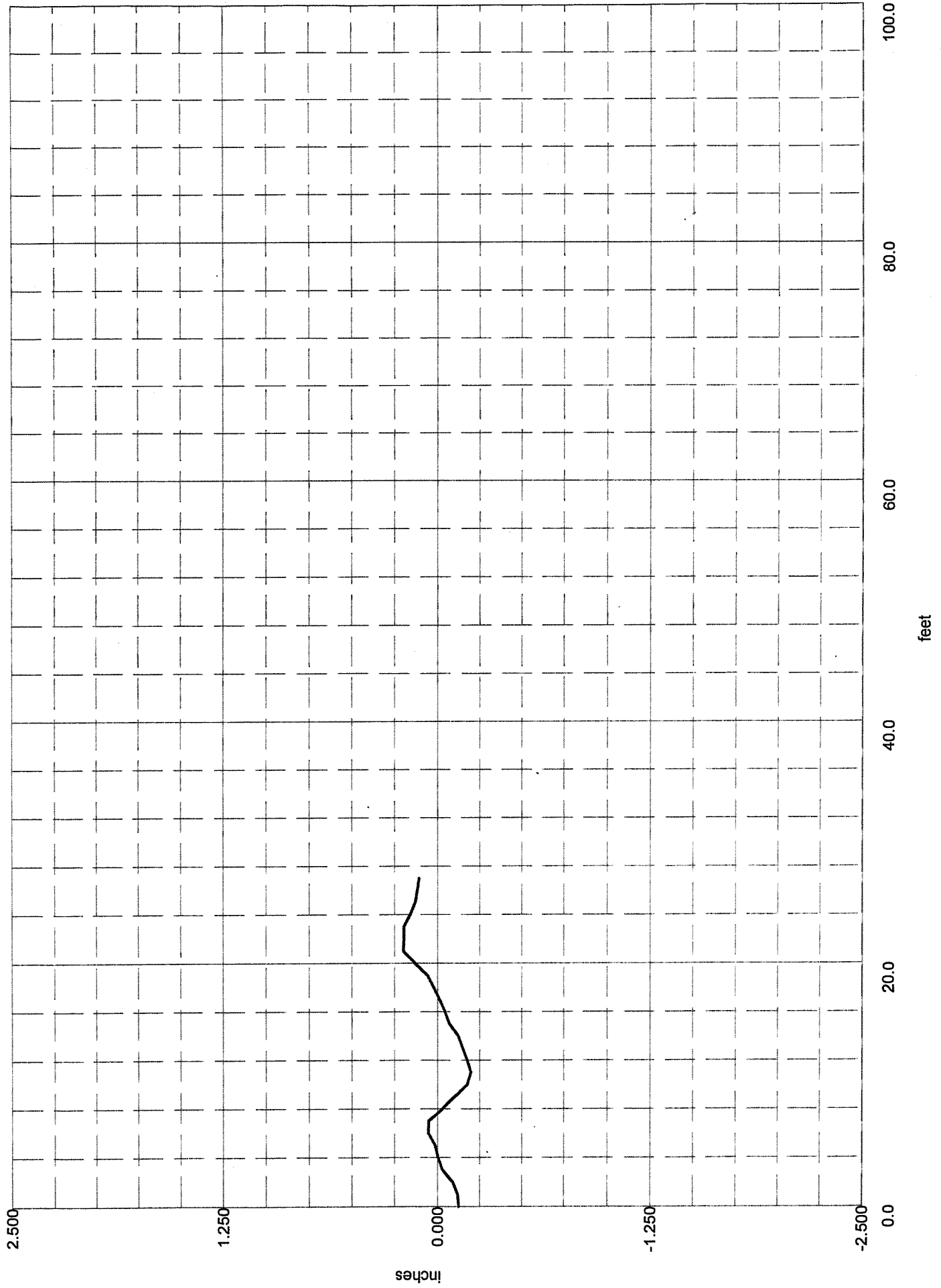
JETPORT PORTLAND3 03ACR4



F-NUMBER TESTING

FF = 40.5 <30.4 - 50.5> FL = 30.6 <21.0 - 40.2>

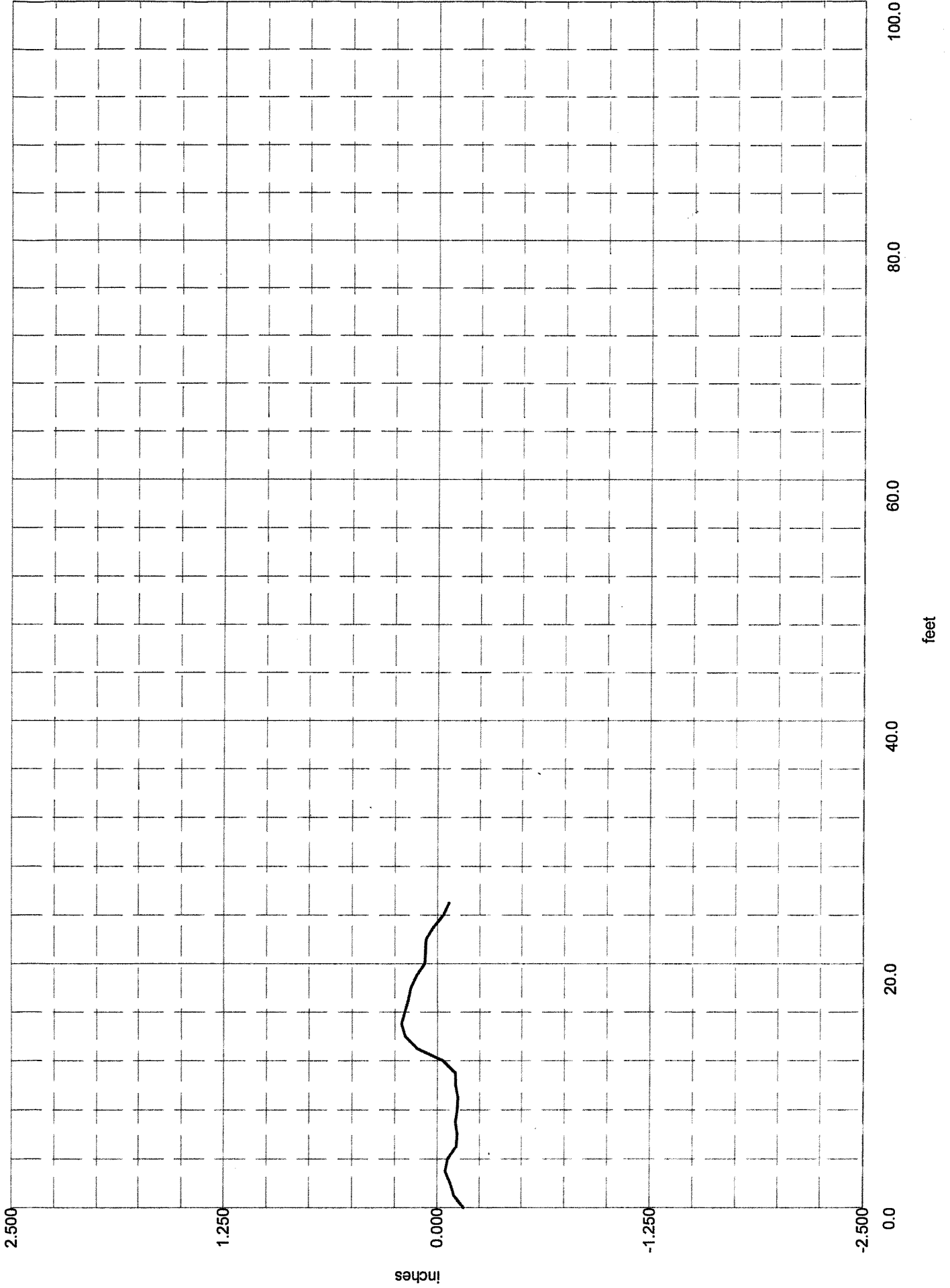
JETPORT PORTLAND3 03UP05



F-NUMBER TESTING

FF = 48.0 <36.5 - 59.5> FL = 19.1 <13.5 - 24.8>

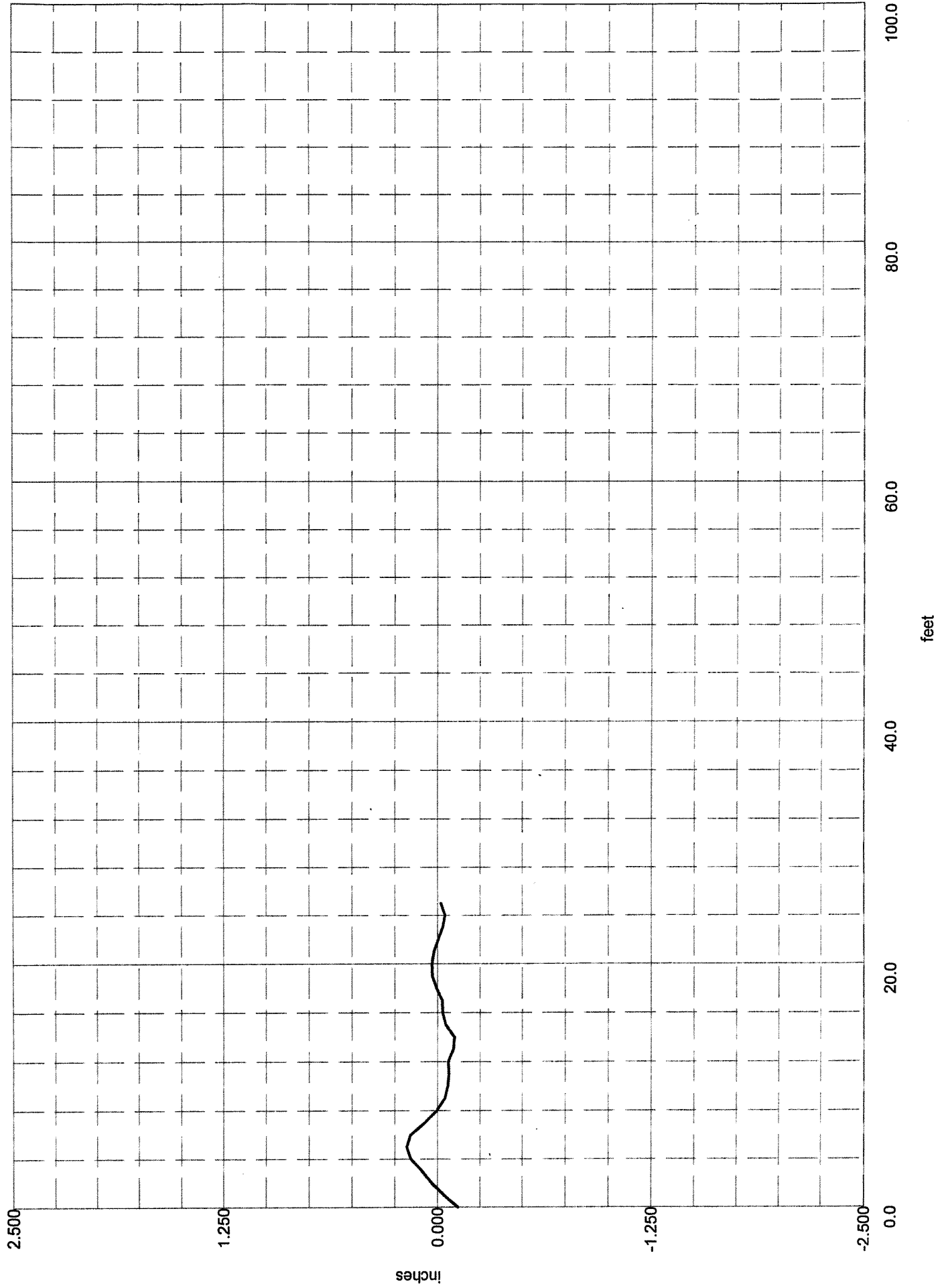
JETPORT PORTLAND3 03UP06



FF = 38.0 <28.5 - 47.4> FL = 18.6 <12.8 - 24.4>

F-NUMBER TESTING

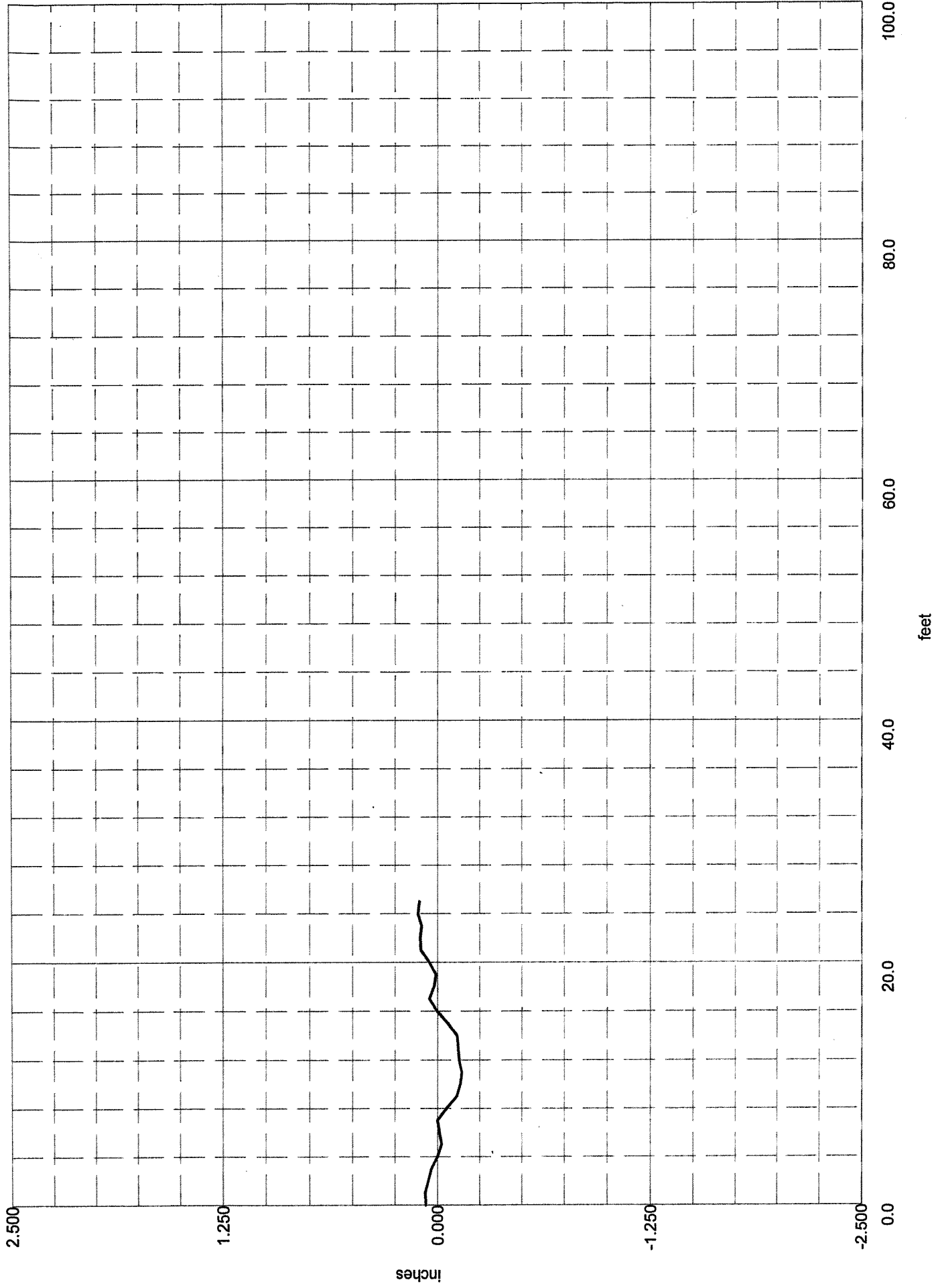
JETPORT PORTLAND3 03UP07



FF = 51.5 <38.7 - 64.3> FL = 31.0 <21.3 - 40.7>

F-NUMBER TESTING

JETPORT PORTLAND3 03UP08



F-NUMBER TESTING

FF = 46.9 <35.2 - 58.6> FL = 22.8 <15.7 - 29.9>

F - NUMBER TESTING

surface flatness/levelness

a division of Earl R. Somero & Associates, Inc.

September 29, 2010

Mr. Mathew Grady
R W Gillespie & Associates, Inc.
86 Industrial Park Road, Suite 4
Saco, ME 04072

Slab #04 (3-1)
Level 3
Col lines 1ZD-1Y & D-F

RE: F-Number Tolerance Testing
Portland Jetport, Portland, ME

Dear Mr. Grady:

The purpose of this letter is to notify you of the F-Number test results for the above referenced slabs. The floor slabs were tested in accordance with the provisions set forth in ASTM-1155-96 and ACI 117 Standard using the DIPSTICK AUTO-READ PROFILER. This slab was placed on Friday, September 24, 2010, and tested on Friday, September 24, 2010.

SPECIFICATIONS: Floors shall conform to the following surface profile tolerances:

POLISHED FLOORS (COLORED CONCRETE) FF: 40 FL: 20

RANDOMLY TRAFFICKED FLOOR SURFACE:

Specified Overall FF Value: 25	Specified Overall FL Value: 20
Minimum Local FF Value: 17	Minimum Local FL Value: 15

TEST SECTION RESULTS FOR SLAB #04 (POLISHED COLORED CONCRETE)

The overall FF value is 60.60, with a 90% Confidence Interval <56.45-64.74>
which is ABOVE the Specified Overall Value.

The overall FL value is 25.37, with a 90% Confidence Interval <23.10-27.63>
which is not enforceable on unshored elevated slabs.

Mr. Mathew Grady
R W Gillespie & Associates, Inc,
Jetport, Portland, ME - Slabs #04
September 29, 2010
Page 2


Individual survey lines are as follows:

LINE #	FF #	FL #	Rdgs	LINE #	FF #	FL #	Rdgs
04ACR1	69.71	19.06	29	04UP07	34.80	46.68	8
04ACR2	71.43	131.94	8	04UP08	55.32	32.29	8
04ACR3	66.72	62.62	8	04UP09	39.94	17.33	8
04ACR4	57.39	29.99	26	04UP10	60.33	22.24	8
04ACR5	75.63	36.09	8	04UP11	65.34	27.62	29
04ACR6	122.08	46.01	8	04UP12	99.21	21.34	26

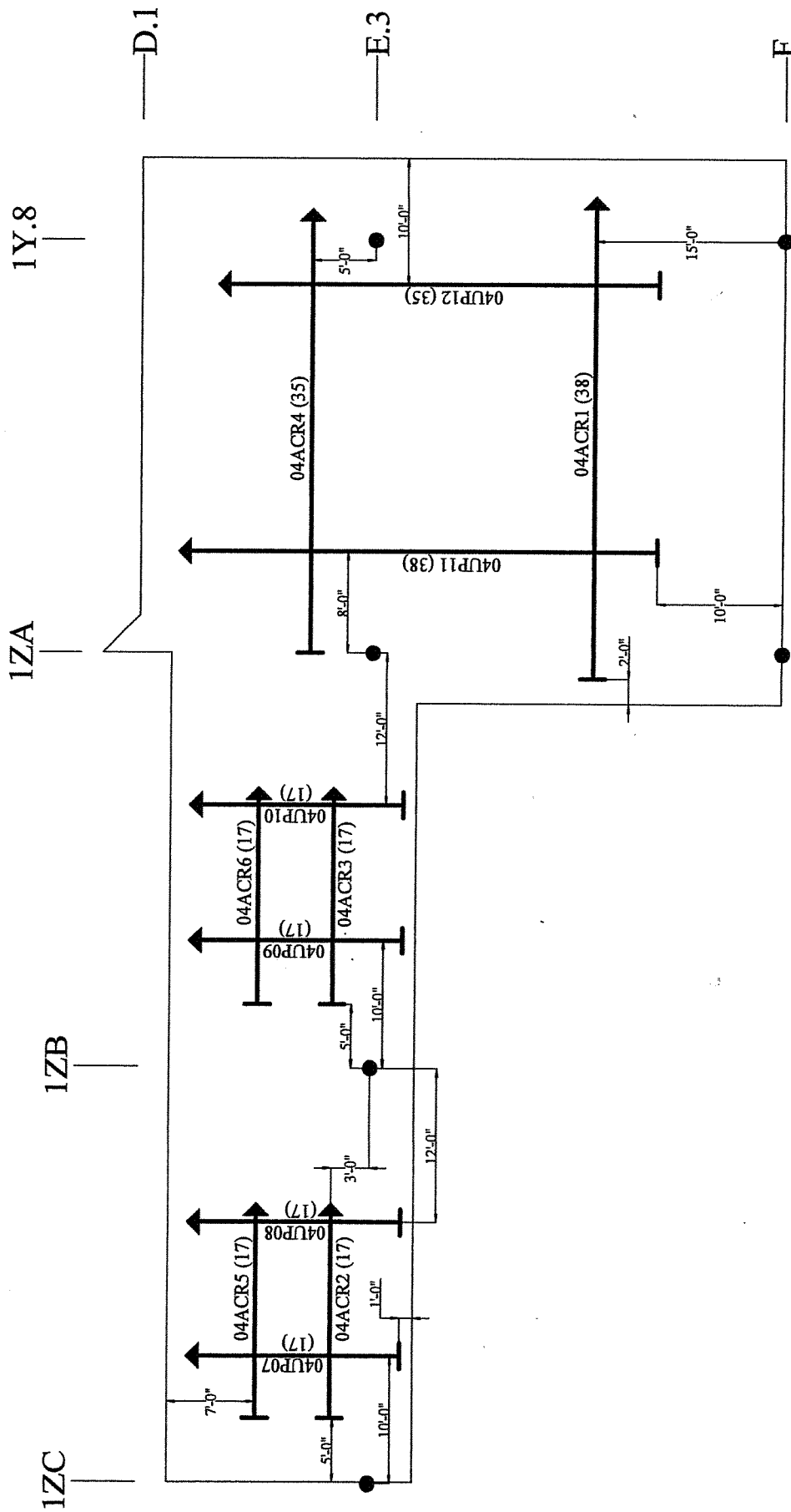
Number of Readings required: 116 Actual: 174

Please do not hesitate to call if you have any questions.

Sincerely yours,


Earl R. Somero
F-Number Testing

MG



JETPORT
 PORTLAND, ME
 SLAB #4

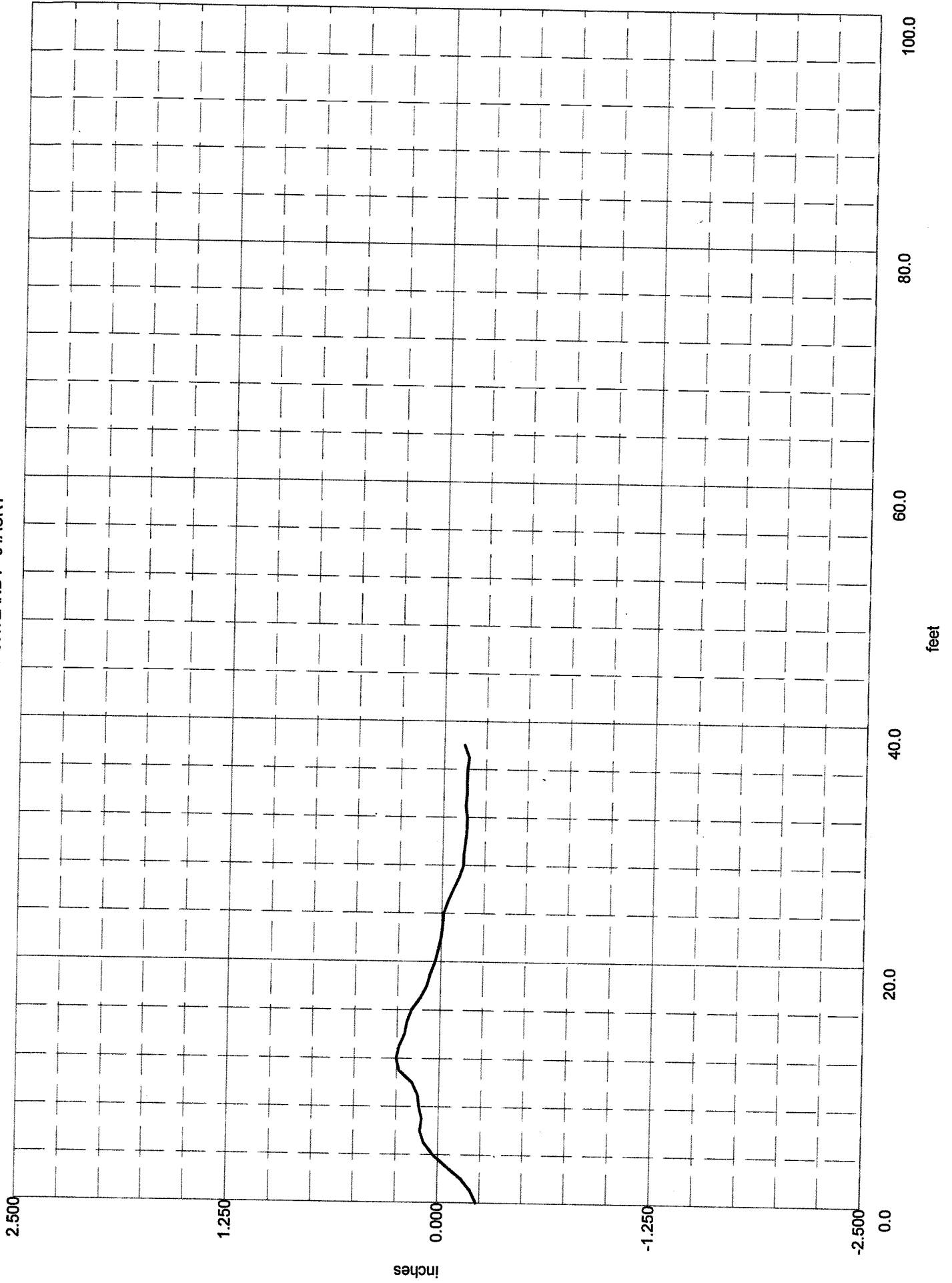
LEVEL 3, MIDDLE SECTION 3-1, WHITE

Earl R. Somero



P.O. Box 486 New Ipswich, NH 03071
 603-878-1634

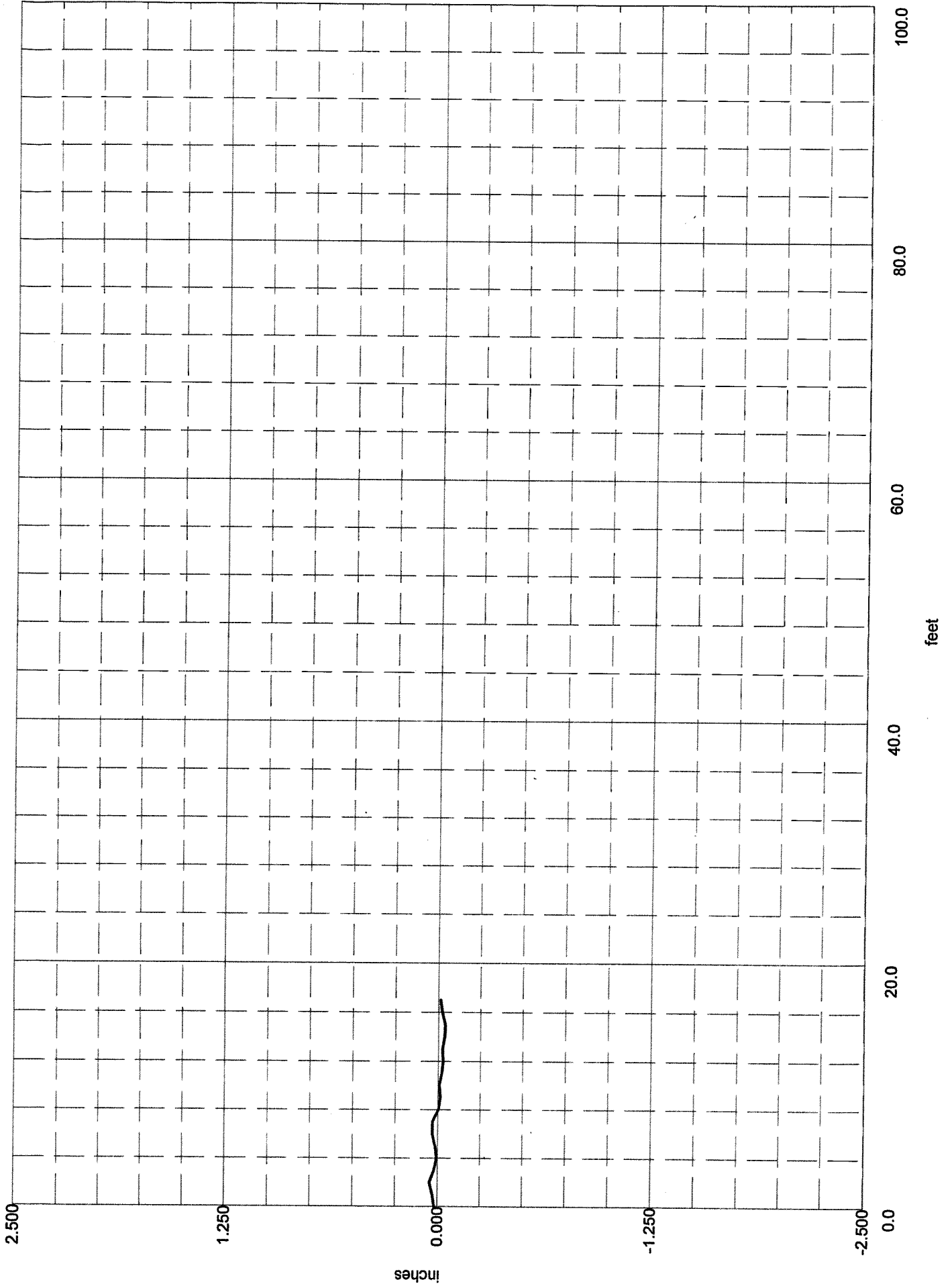
JETPORT PORTLAND4 04ACR1



FF = 69.7 <55.5 - 83.9> FL = 19.1 <14.6 - 23.6>

F-NUMBER TESTING

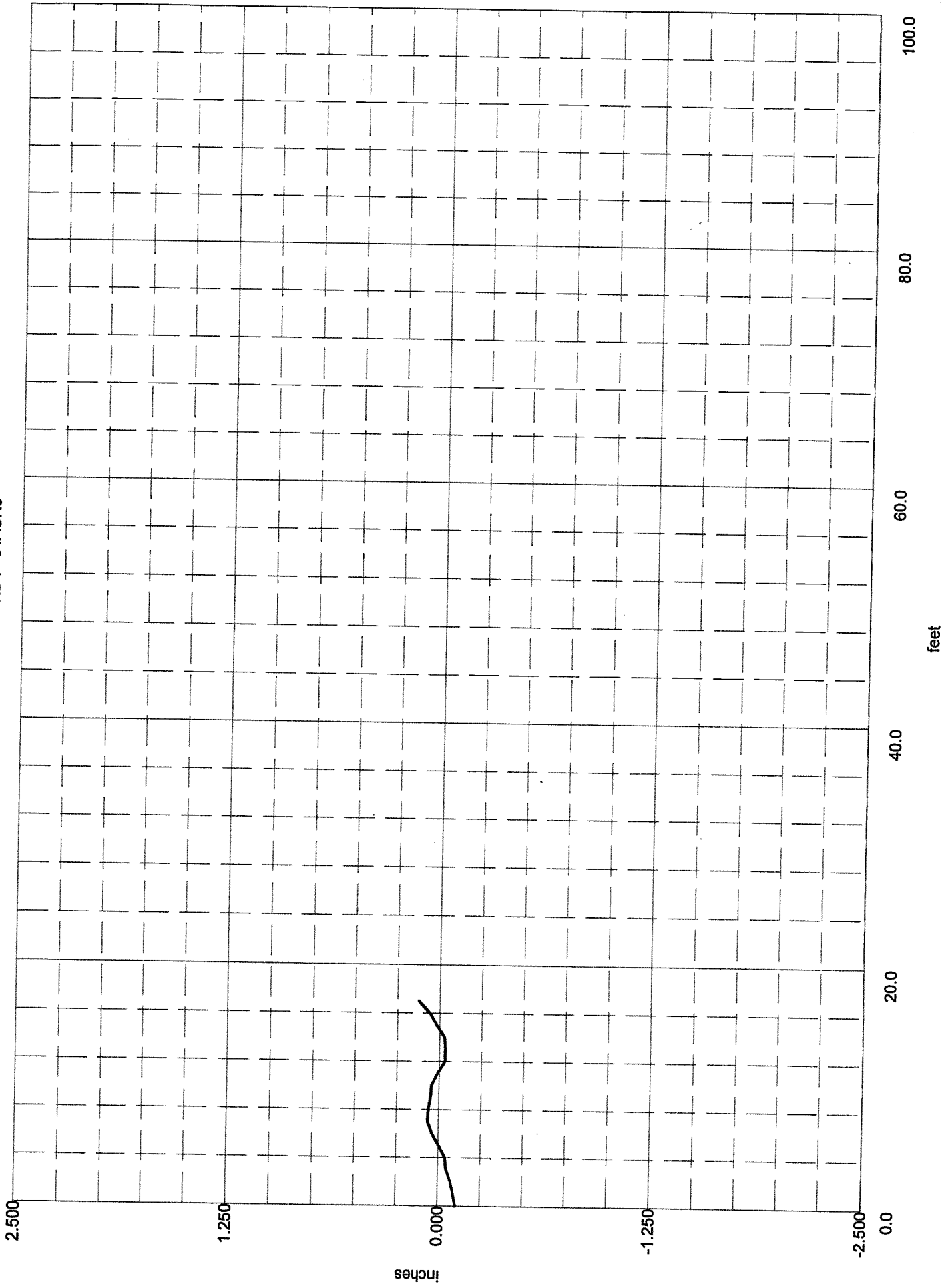
JETPORT PORTLAND4 04ACR2



F-NUMBER TESTING

FF = 71.4 <50.3 - 92.6> FI = 131.9 <76.1 - 187.8>

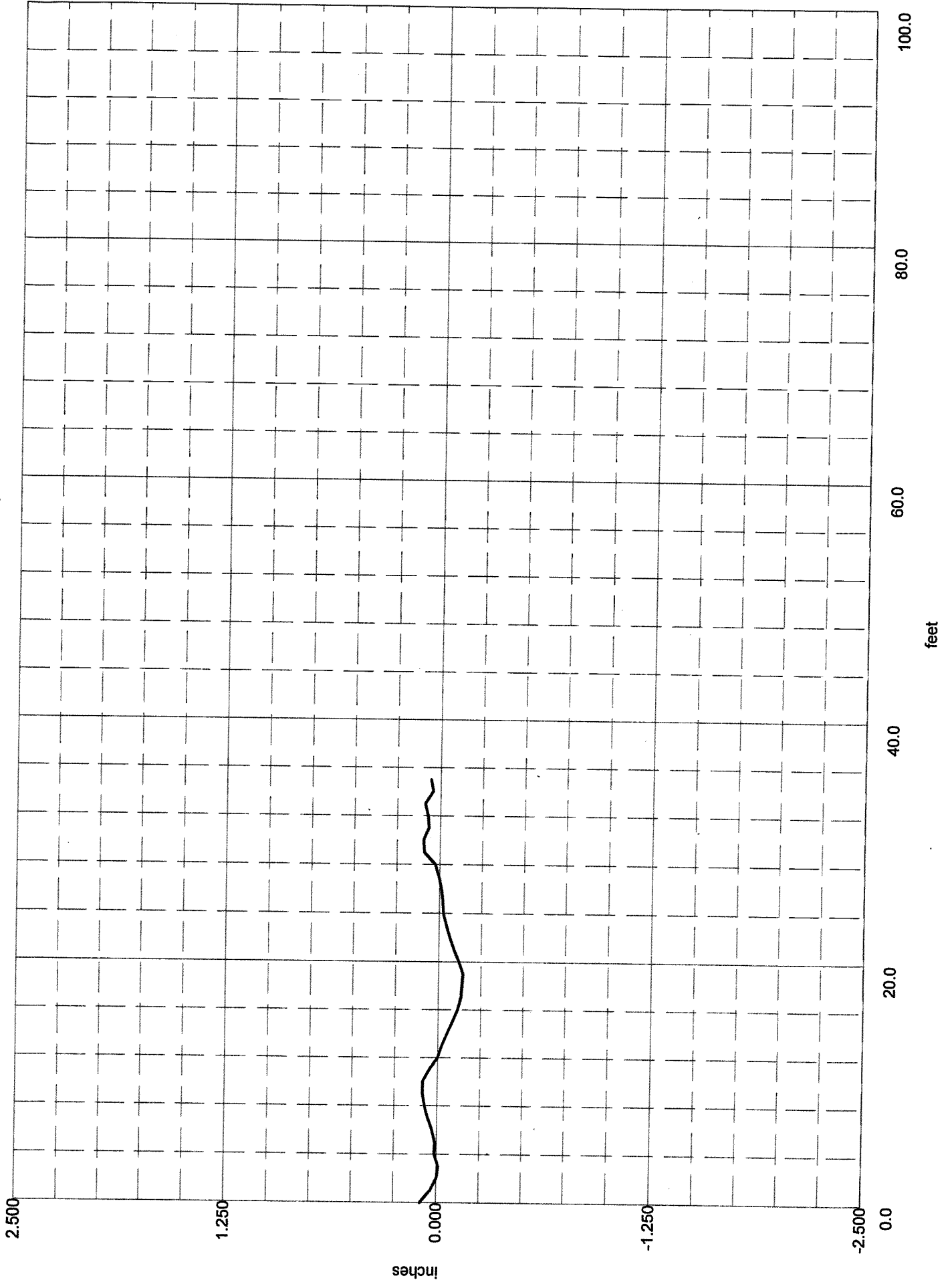
JETPORT PORTLAND4 04ACR3



FF = 66.7 <47.0 - 86.5> FI = 62.6 <36.1 - 89.2>

F-NUMBER TESTING

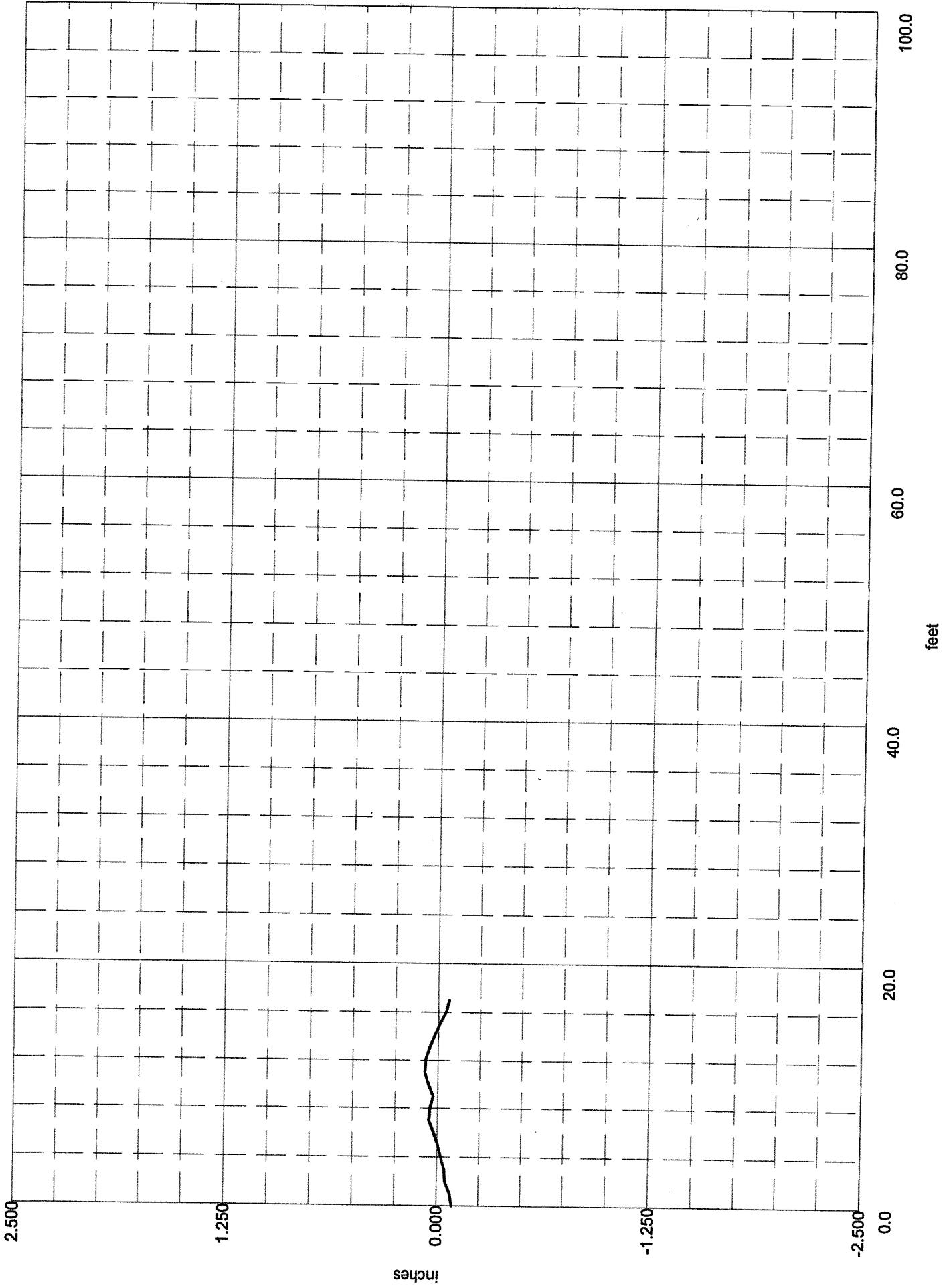
JETPORT PORTLAND4 04ACR4



F-NUMBER TESTING

FF = 57.4 <45.2 - 69.5> FL = 30.0 <22.5 - 37.4>

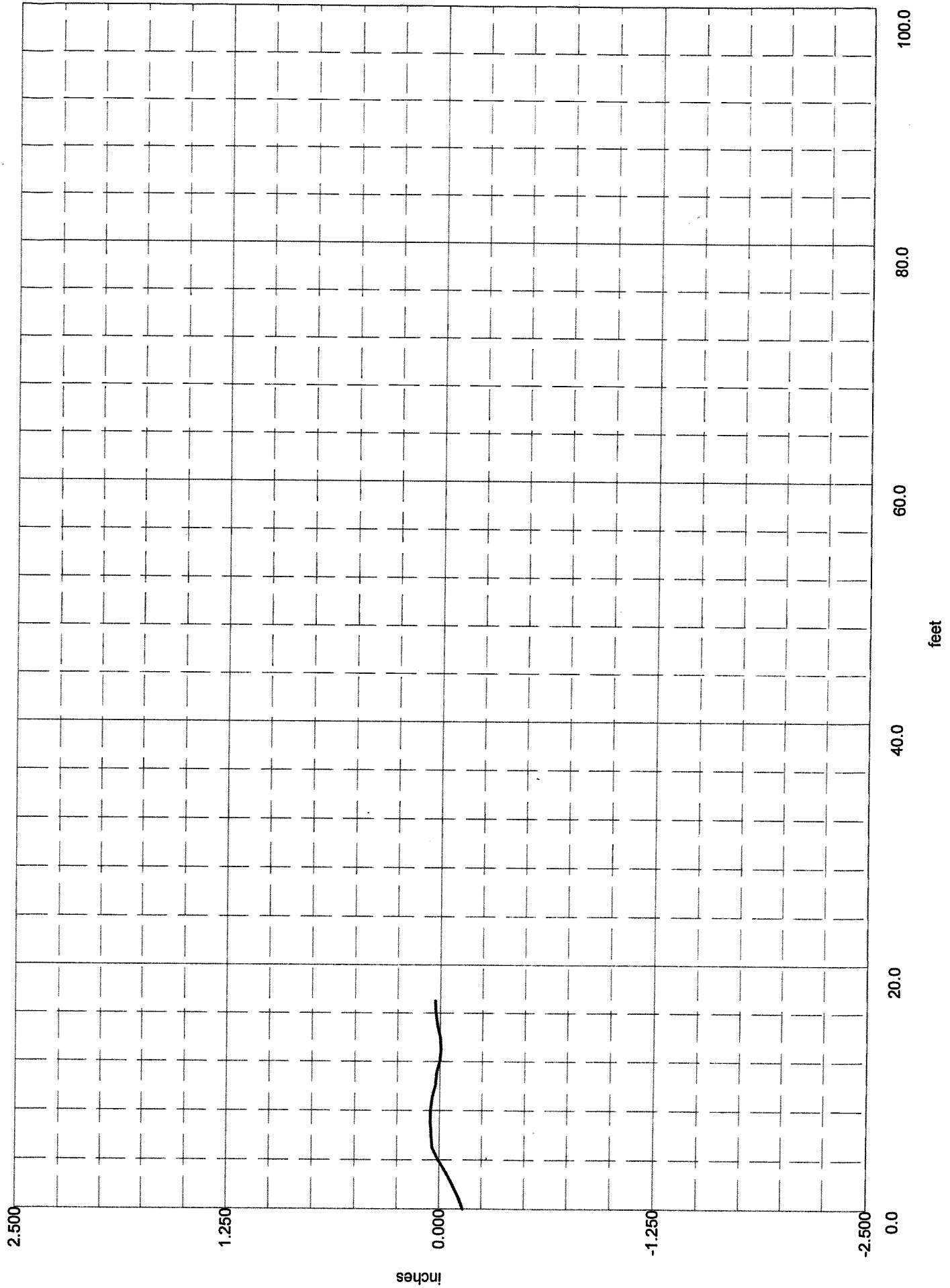
JETPORT PORTLAND4 04ACR5



F-NUMBER TESTING

FF = 75.6 <53.2 - 98.0> FL = 36.1 <20.8 - 51.4>

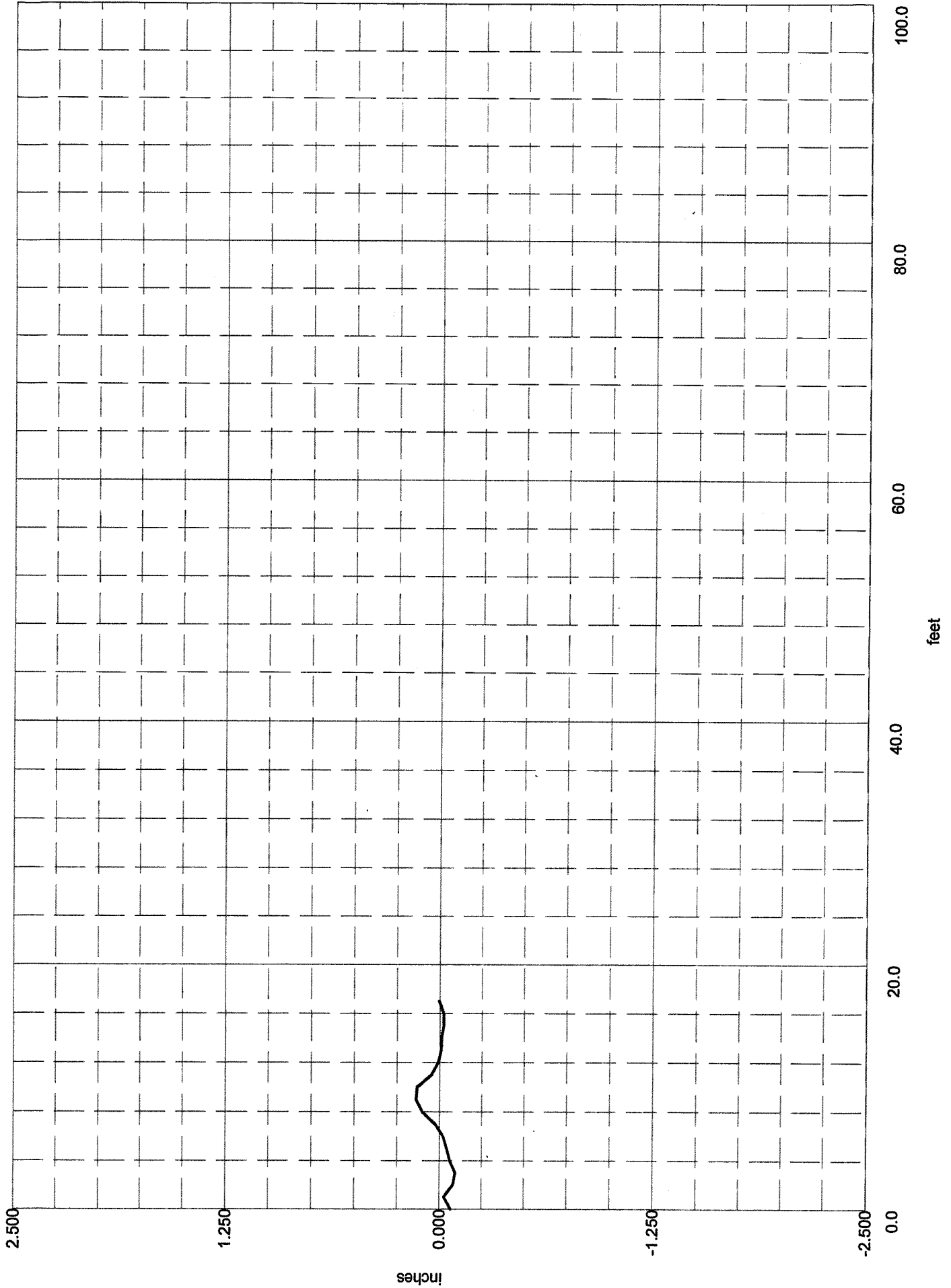
JETPORT PORTLAND4 04ACR6



F-NUMBER TESTING

FF = 122 1 <85.9 - 15R 2> FI = 46 0 <26.5 - 65.5>

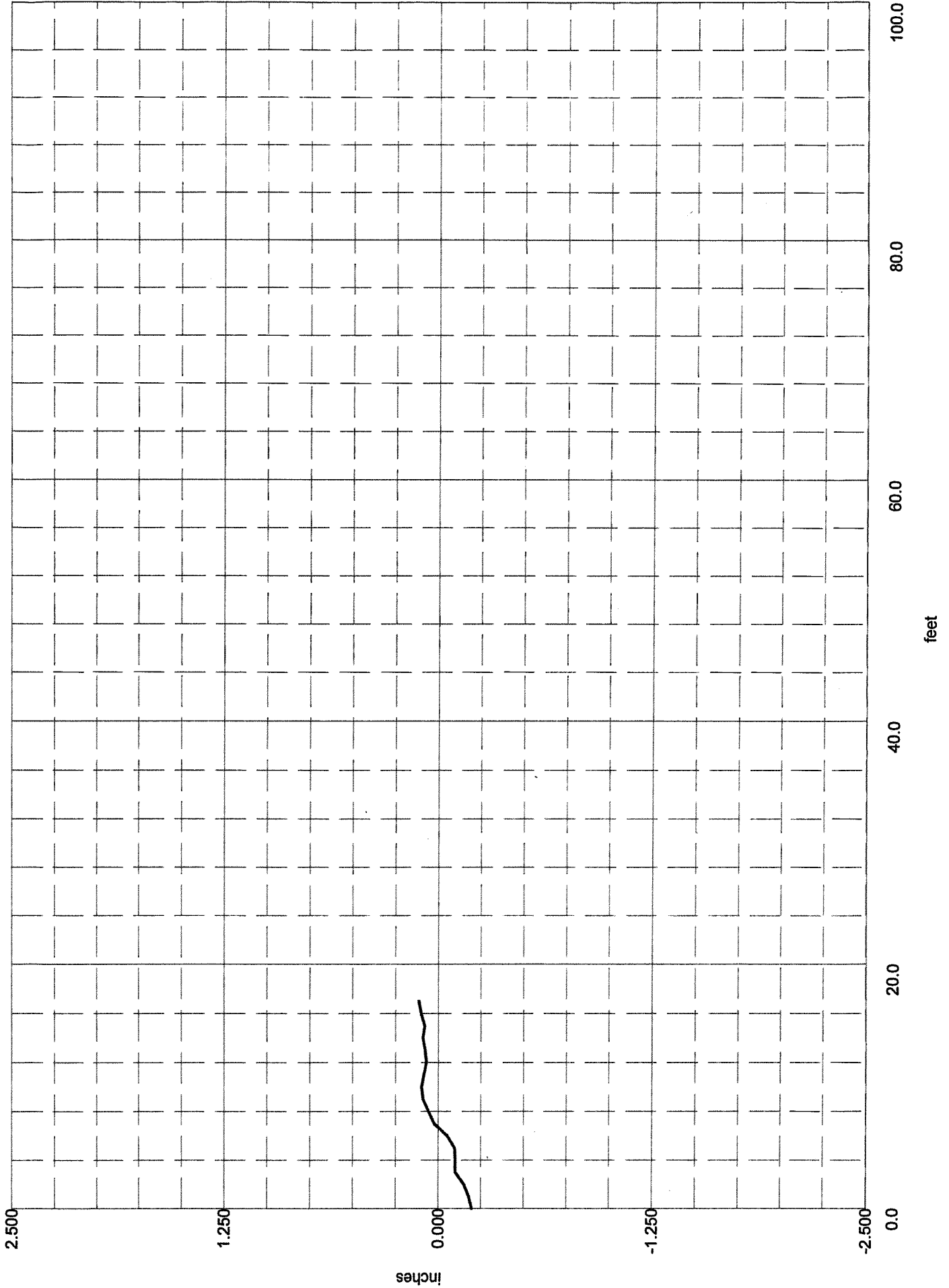
JETPORT PORTLAND4 04UP07



F-NUMBER TESTING

FF = 34.8 < 24.5 - 45.1 > FI = 46.7 < 26.0 - 66.5 >

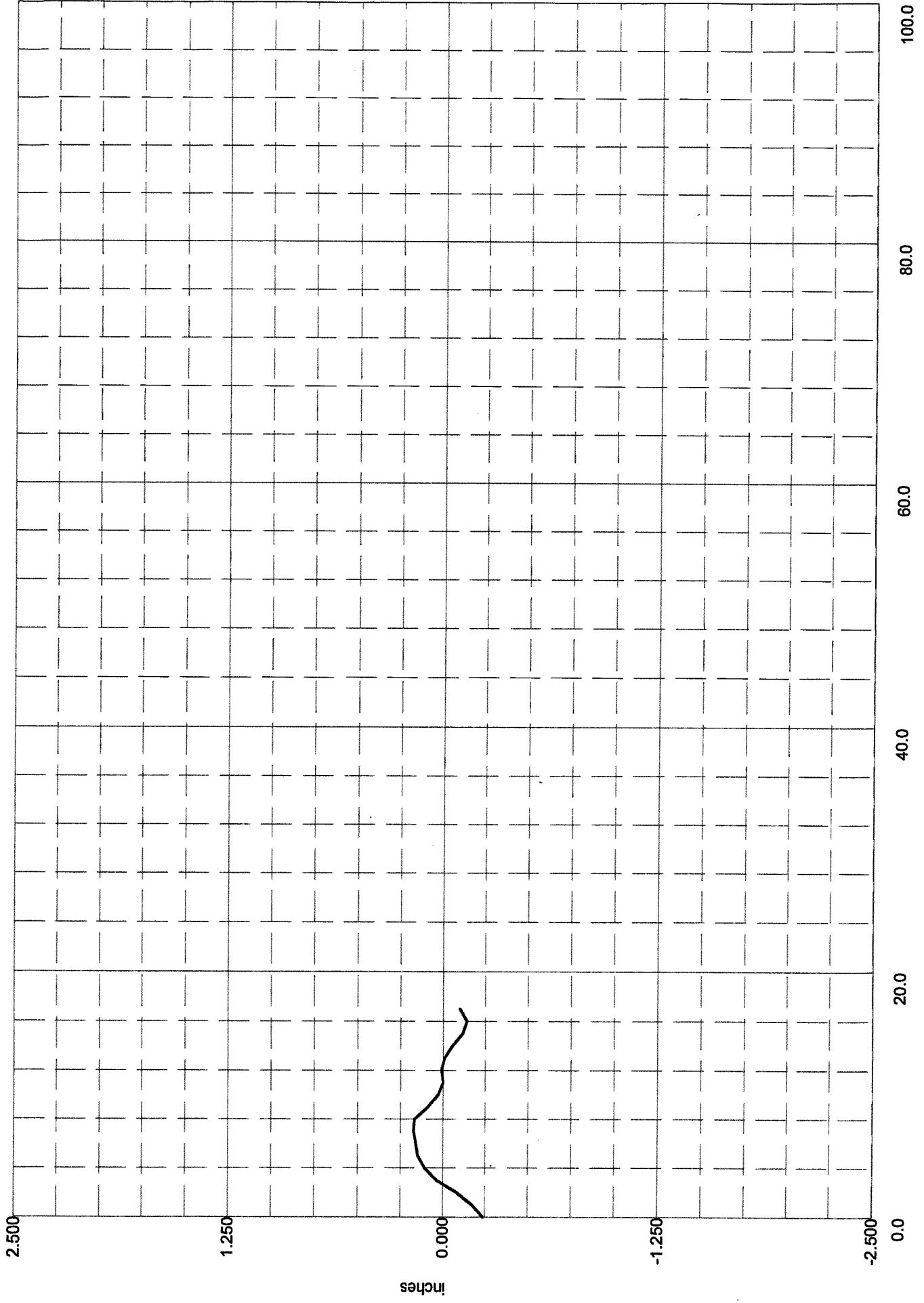
JETPORT PORTLAND4 04UP08



F-NUMBER TESTING

FF = 55.3 <38.9 - 71.7> FI = 32.3 <18.6 - 46.0>

JETPORT PORTLAND4 04UP09

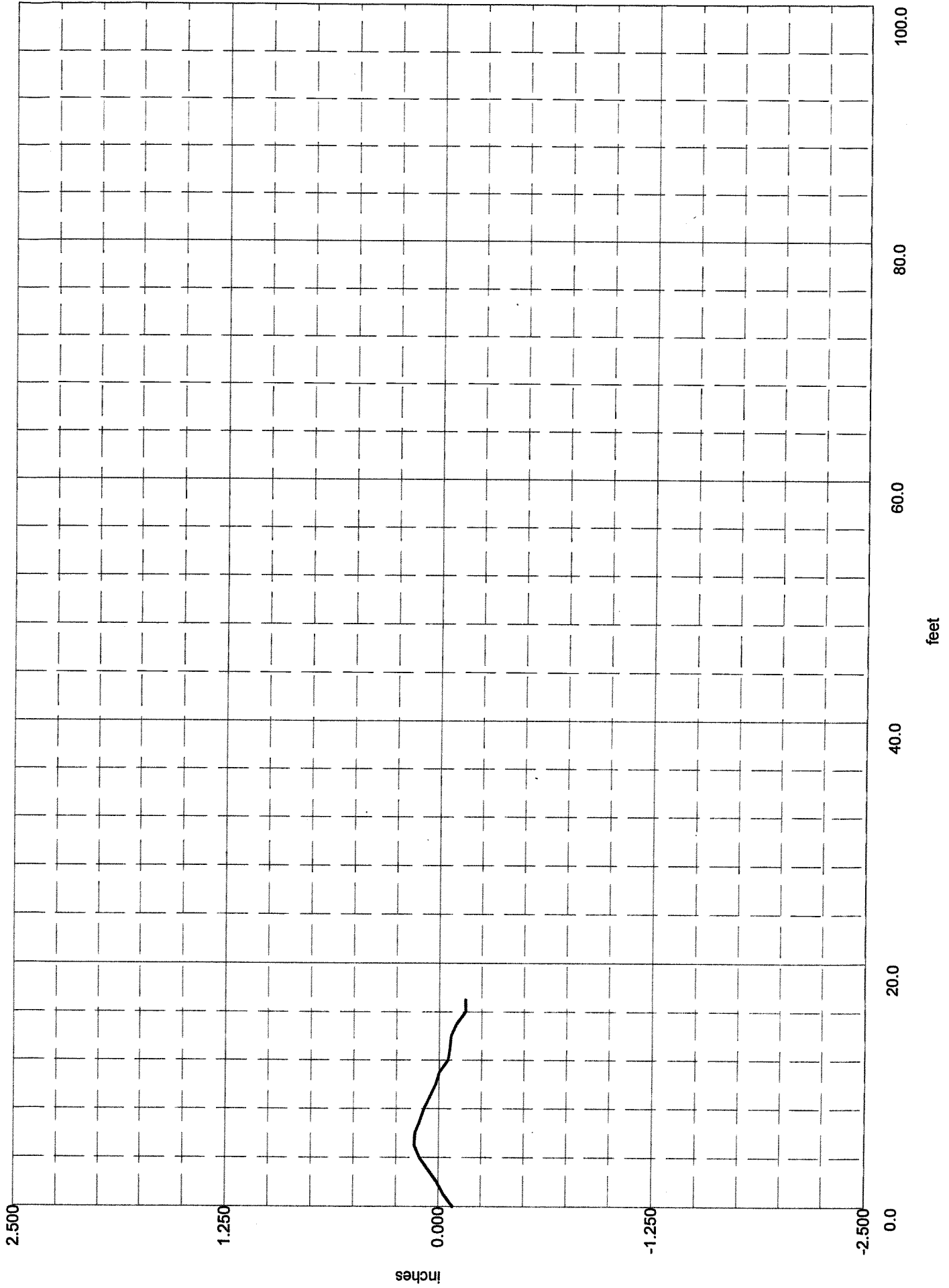


feet

F-NUMBER TESTING

FF = 30.9 <28.1 - 51.8> FI = 17.3 <10.0 - 24.7>

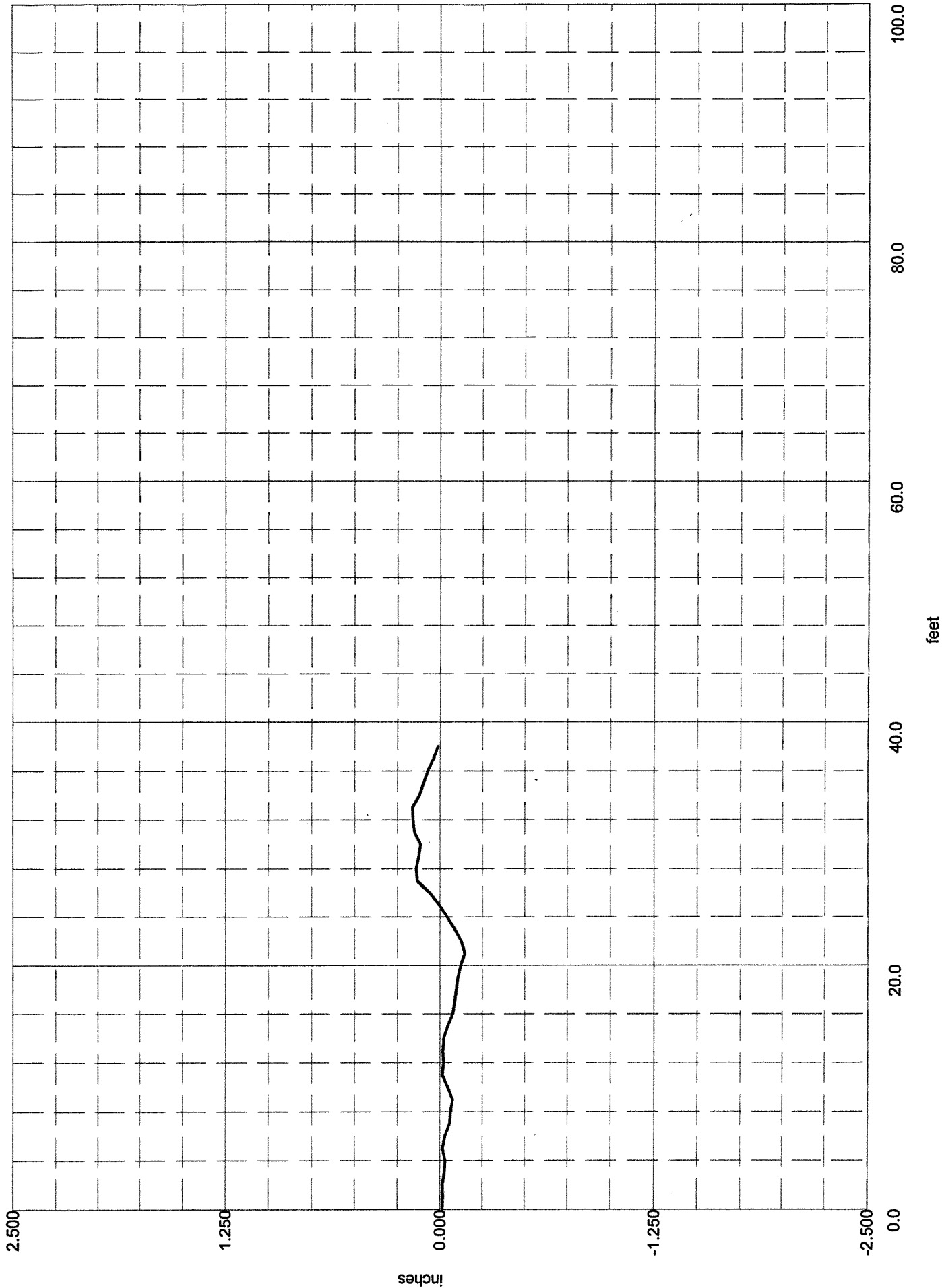
JETPORT PORTLAND4 04UP10



F-NUMBER TESTING

FF = 60.3 <42.5 - 78.2> FI = 22.2 <12.8 - 31.7>

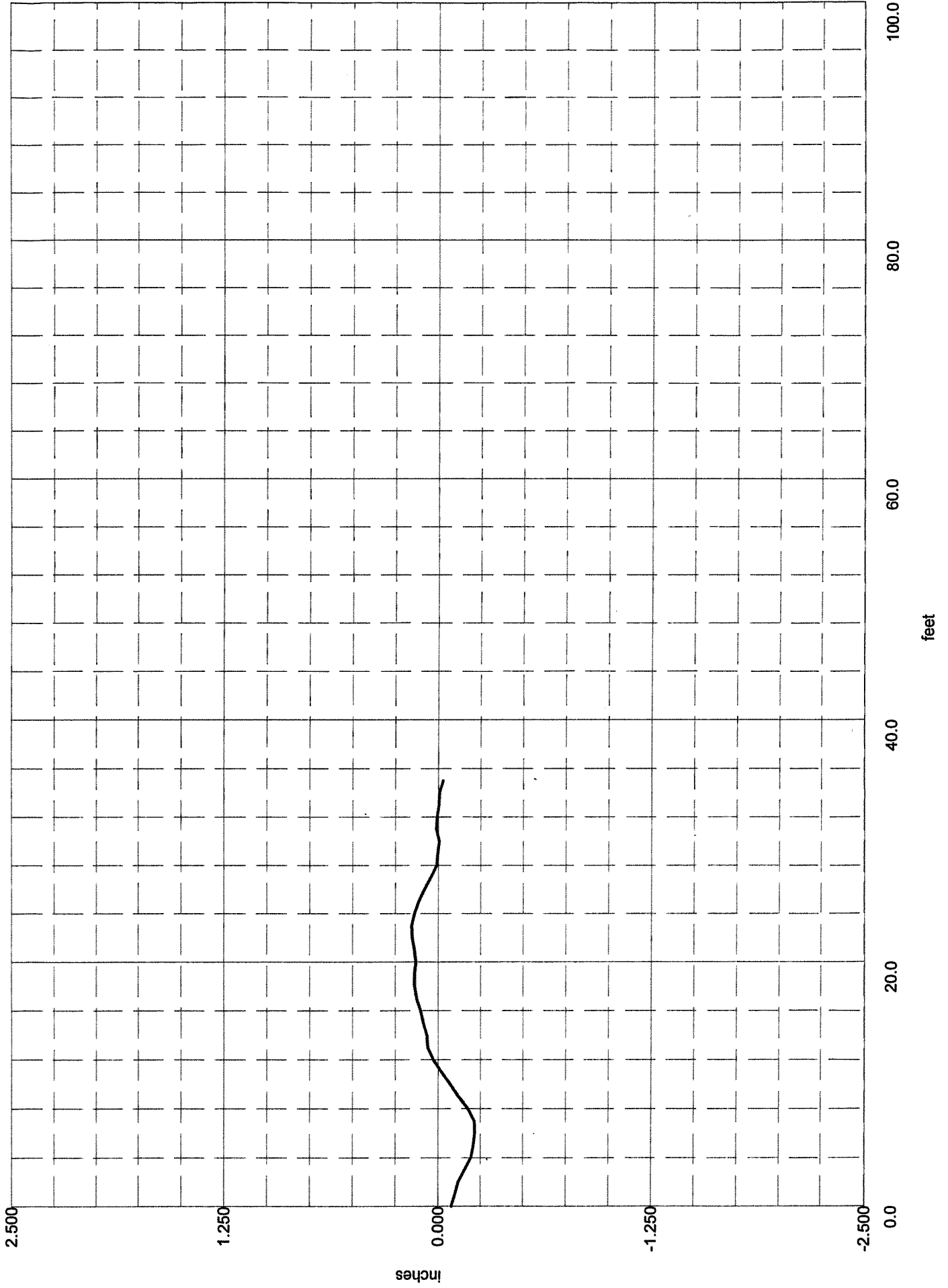
JETPORT PORTLAND4 04UP11



F-NUMBER TESTING

FF = 65.3 <52.0 - 78.6> FI = 27.6 <21.1 - 34.1>

JETPORT PORTLAND4 04UP12



F-NUMBER TESTING

FF = 99.2 <78.2 - 120.2> FL = 21.3 <16.0 - 26.6>

F - NUMBER TESTING

surface flatness/levelness

a division of Earl R. Somero & Associates, Inc.

October 8, 2010

Mr. Mathew Grady
R W Gillespie & Associates, Inc.
86 Industrial Park Road, Suite 4
Saco, ME 04072

Slab #5 (3-2)
Level 3
Col lines 1ZD-1Y & E.3-F
with Y7-Y1 & XL-XM

RE: F-Number Tolerance Testing
Portland Jetport, Portland, ME

Dear Mr. Grady:

The purpose of this letter is to notify you of the F-Number test results for the above referenced slabs. The floor slabs were tested in accordance with the provisions set forth in ASTM-1155-96 and ACI 117 Standard using the DIPSTICK AUTO-READ PROFILER. This slab was placed on Saturday, October 2, 2010, and tested on Saturday, October 2, 2010.

SPECIFICATIONS: Floors shall conform to the following surface profile tolerances:

POLISHED FLOORS (COLORED CONCRETE) FF: 40 FL: 20

RANDOMLY TRAFFICKED FLOOR SURFACE:

Specified Overall FF Value: 25 Specified Overall FL Value: 20
Minimum Local FF Value: 17 Minimum Local FL Value: 15

TEST SECTION RESULTS FOR SLAB #05 (RANDOMLY TRAFFICKED FLOOR)

The overall FF value is 45.26, with a 90% Confidence Interval <42.90-47.61>
which is ABOVE the Specified Overall Value.

The overall FL value is 23.87, with a 90% Confidence Interval <22.36-25.25.37>
which is not enforceable on unshored elevated slabs.

Mr. Mathew Grady
R W Gillespie & Associates, Inc,
Jetport, Portland, ME - Slabs #05
October 8, 2010
Page 2

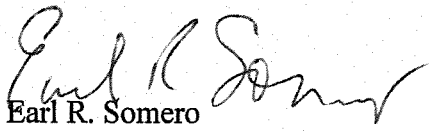
Individual survey lines are as follows:

LINE #	FF #	FL #	Rdgs	LINE #	FF #	FL #	Rdgs
05ACR1	36.03	17.96	53	05UP08	50.87	23.51	53
05ACR2	40.42	45.58	16	05UP09	38.96	36.39	16
05ACR3	67.04	28.93	16	05UP10	41.45	25.35	16
05ACR4	46.79	35.44	16	05UP11	52.99	35.36	16
05ACR5	57.01	32.65	21	05UP12	43.04	33.66	16
05ACR6	44.27	24.28	16	05UP13	45.83	30.98	21
05ACR7	52.02	14.44	16	05UP14	53.45	22.47	16

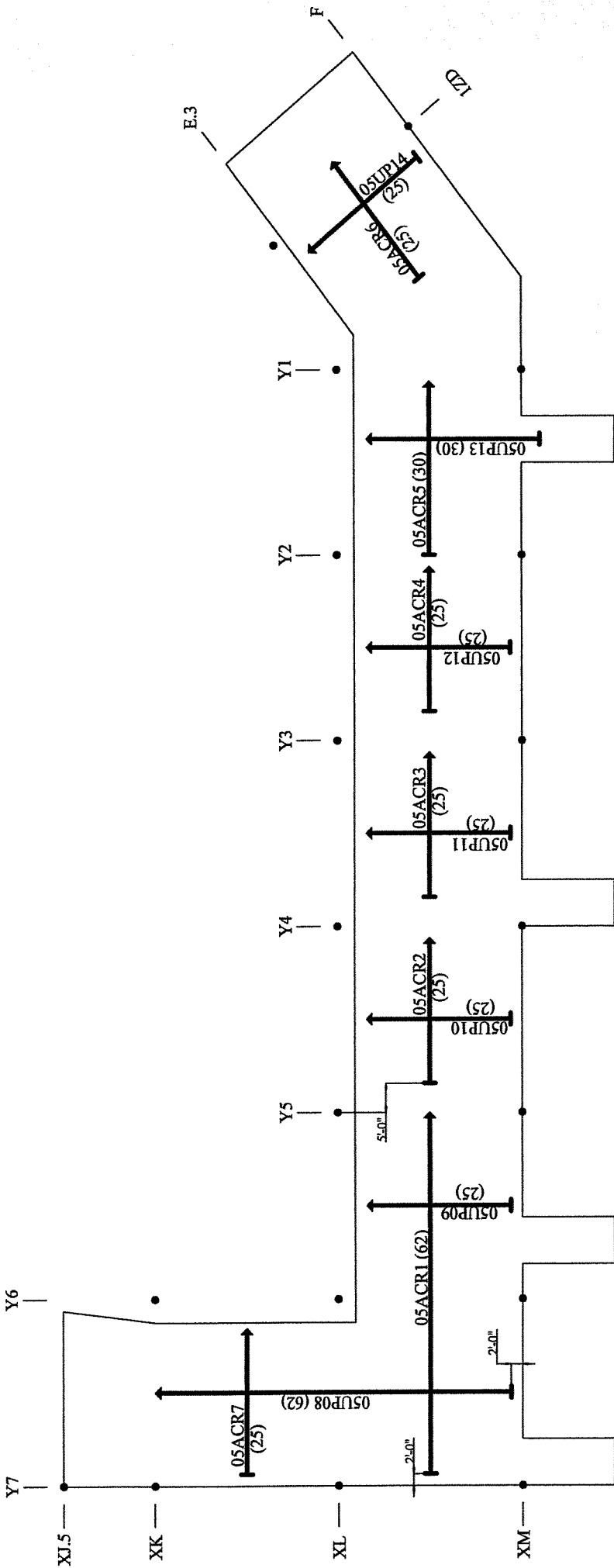
Number of Readings required: 296 Actual: 308

Please do not hesitate to call if you have any questions.

Sincerely yours,


Earl R. Somero
F-Number Testing

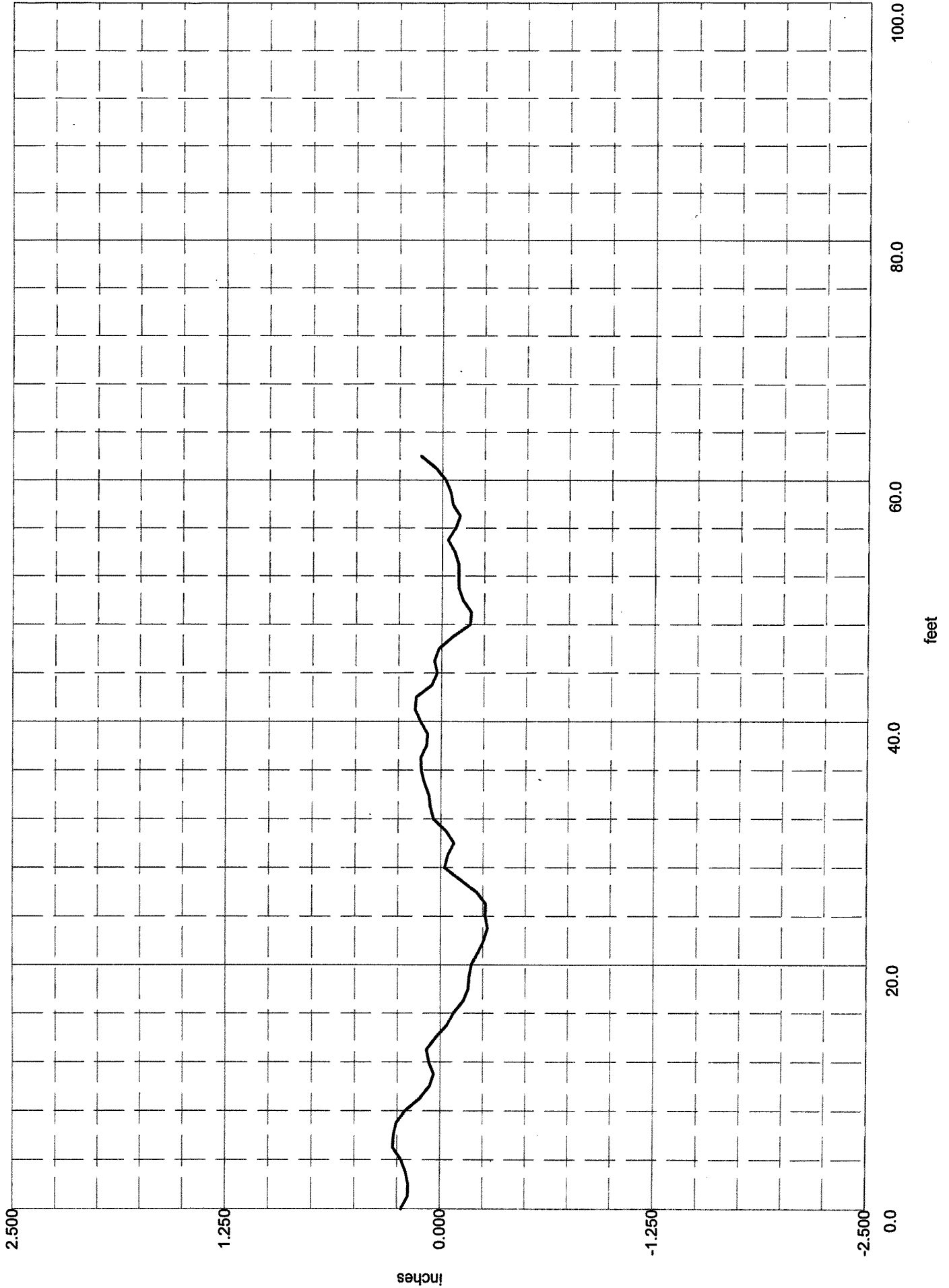
MTD



JETPORT PORTLAND, ME
 LEVEL 3
 SLAB # 05

LEVEL 3, SECTION 3-2, 6 MAY

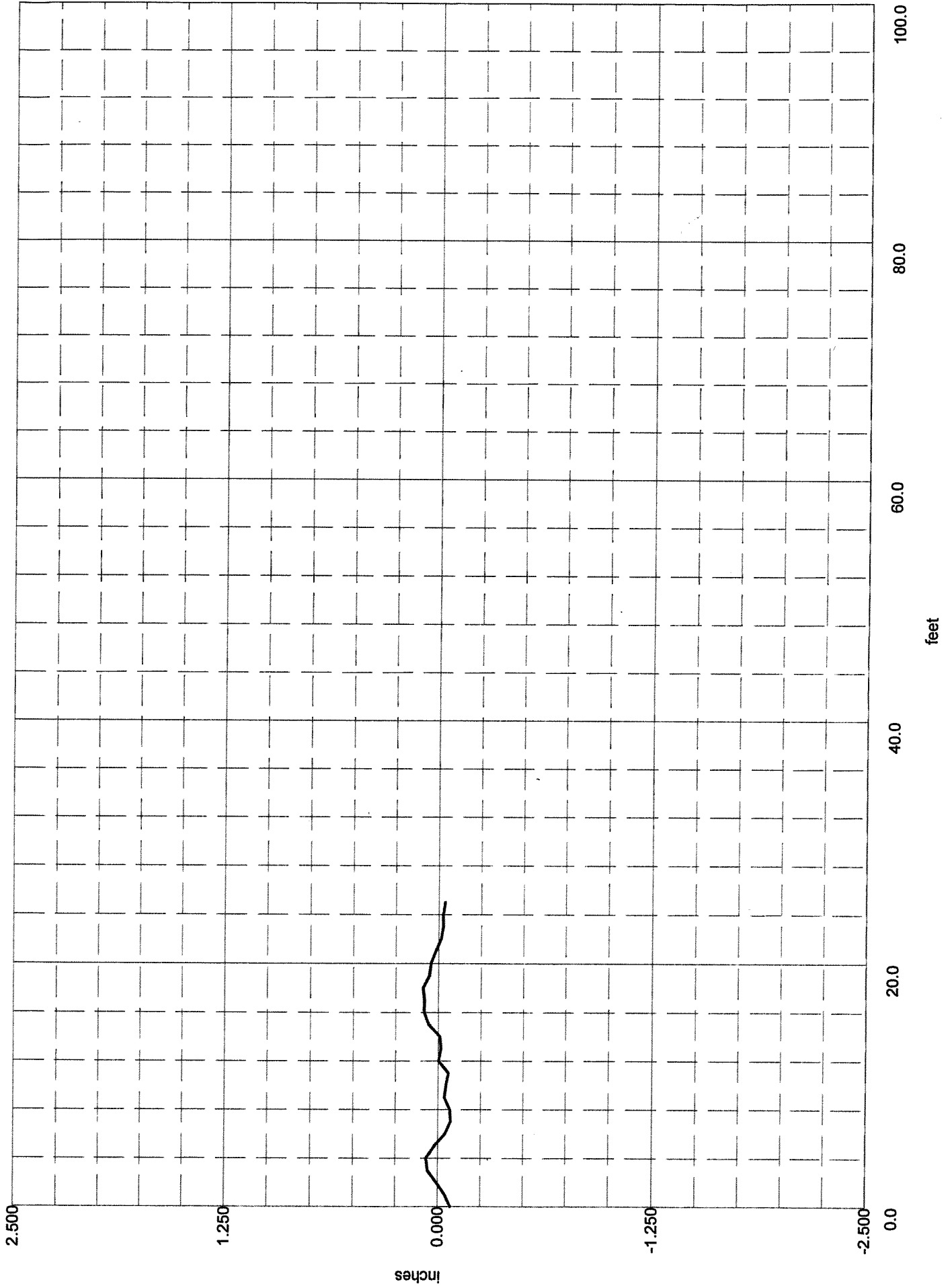
JETPORT PORTLAND5 05ACR1



F-NUMBER TESTING

FF = 36.0 <30.3 - 41.7> FL = 18.0 <14.8 - 21.1>

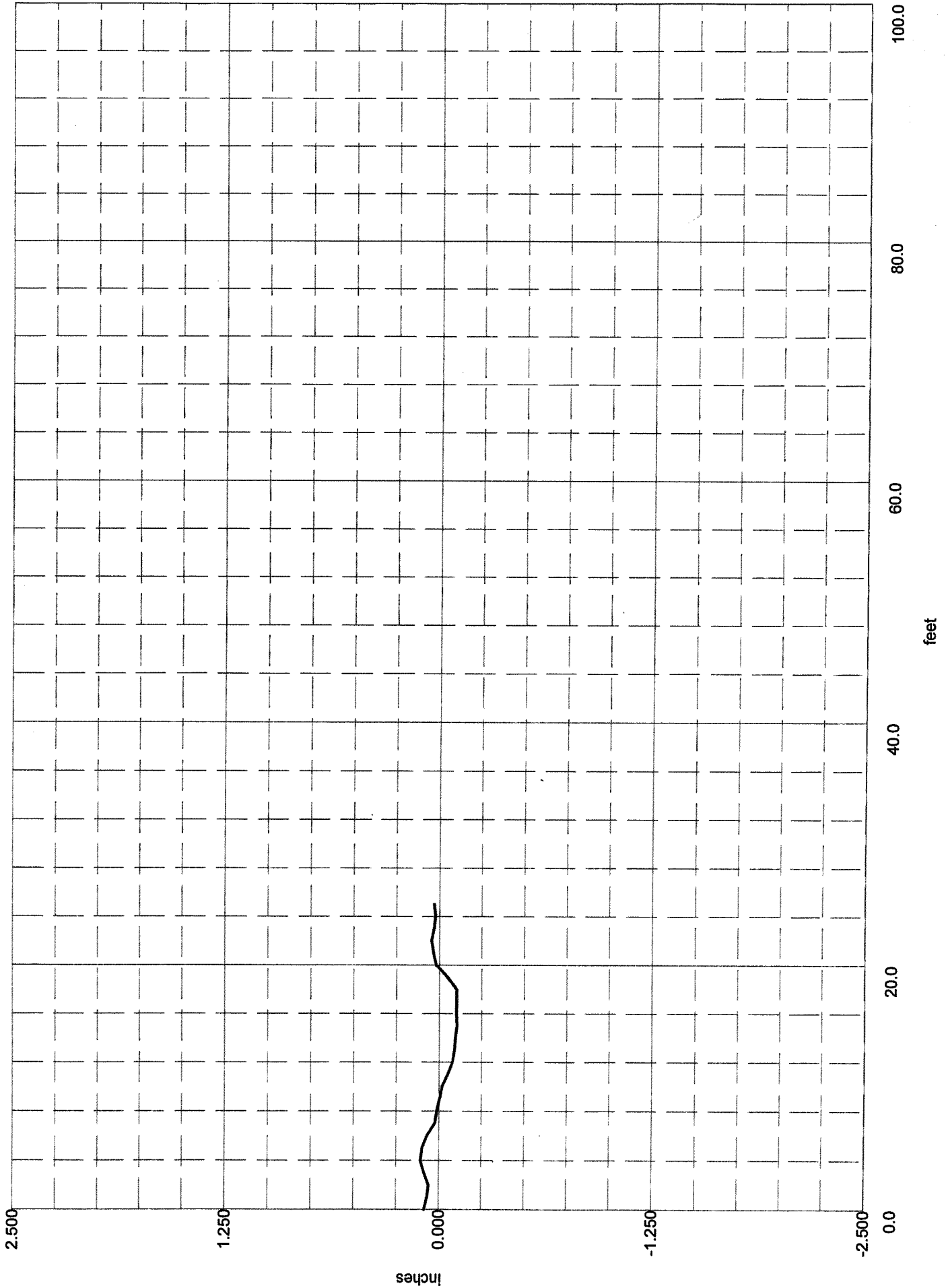
JETPORT PORTLAND5 05ACR2



F-NUMBER TESTING

FF = 40.4 <30.4 - 50.5> FL = 45.6 <31.3 - 59.8>

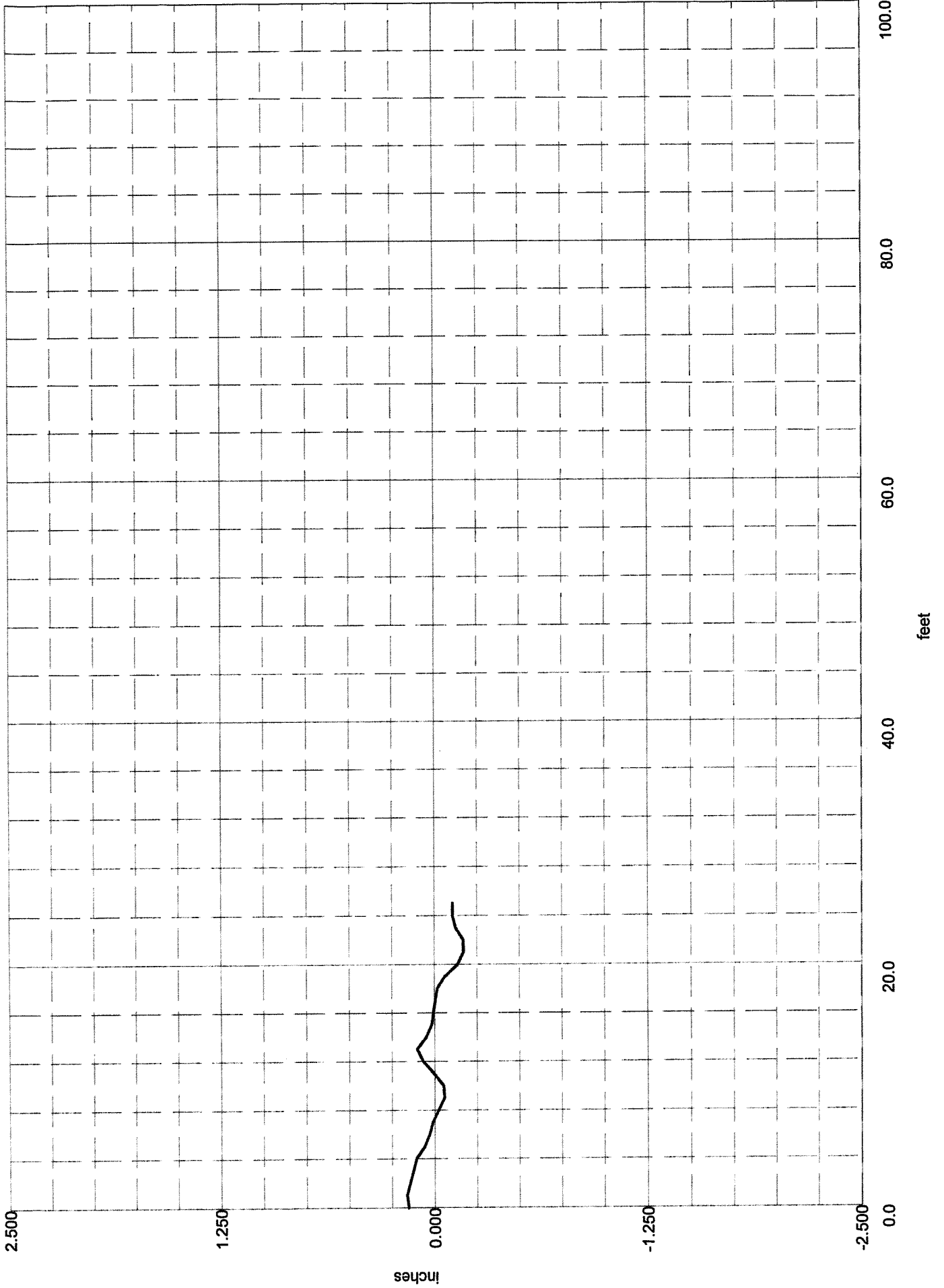
JETPORT PORTLAND5 05ACR3



F-NUMBER TESTING

FF = 67.0 <50.4 - 83.7> FL = 28.9 <19.9 - 38.0>

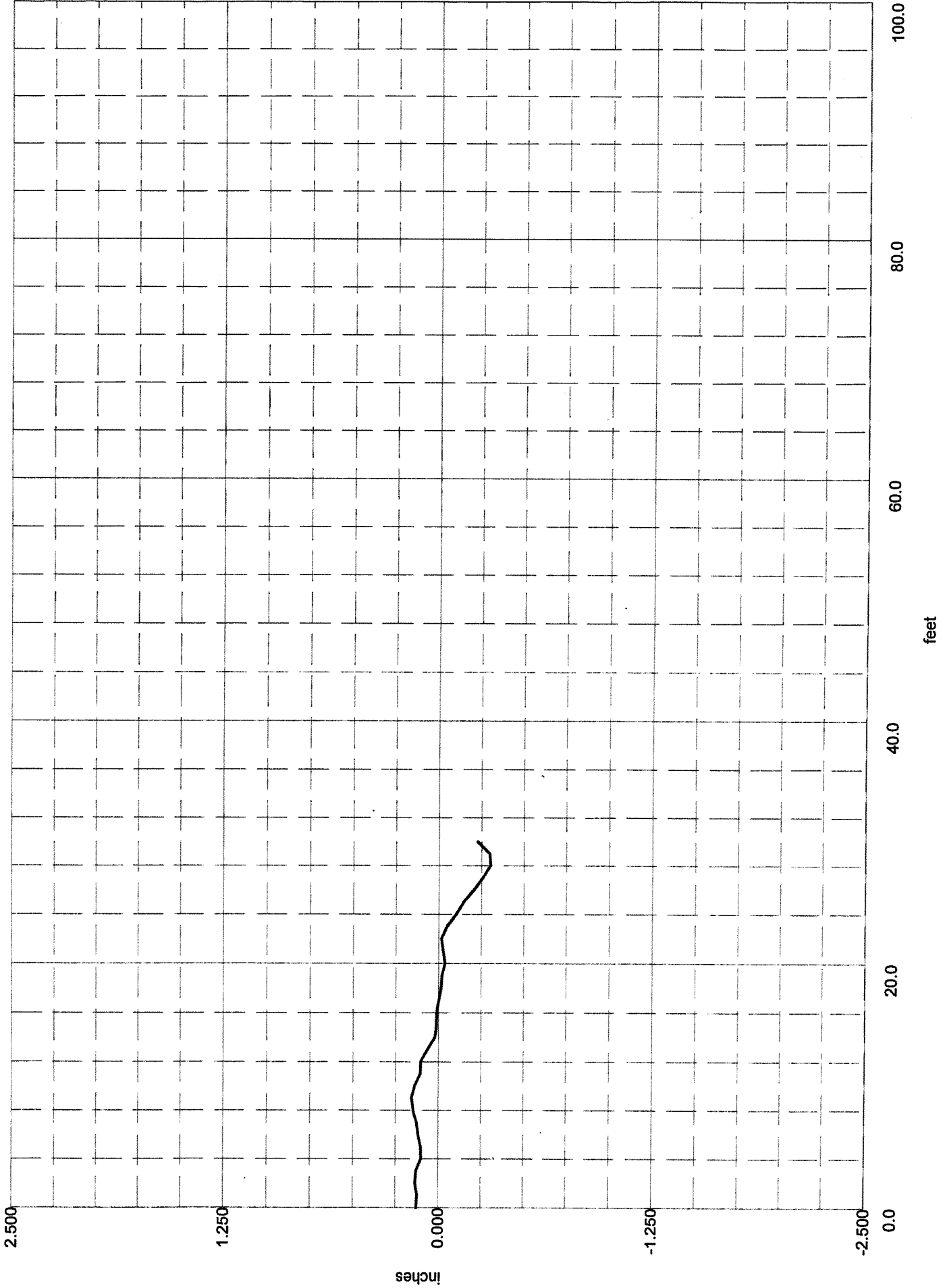
JETPORT PORTLANDS 05ACR4



F-NUMBER TESTING

FF = 46.8 <35.2 - 58.4> FL = 35.4 <24.4 - 46.5>

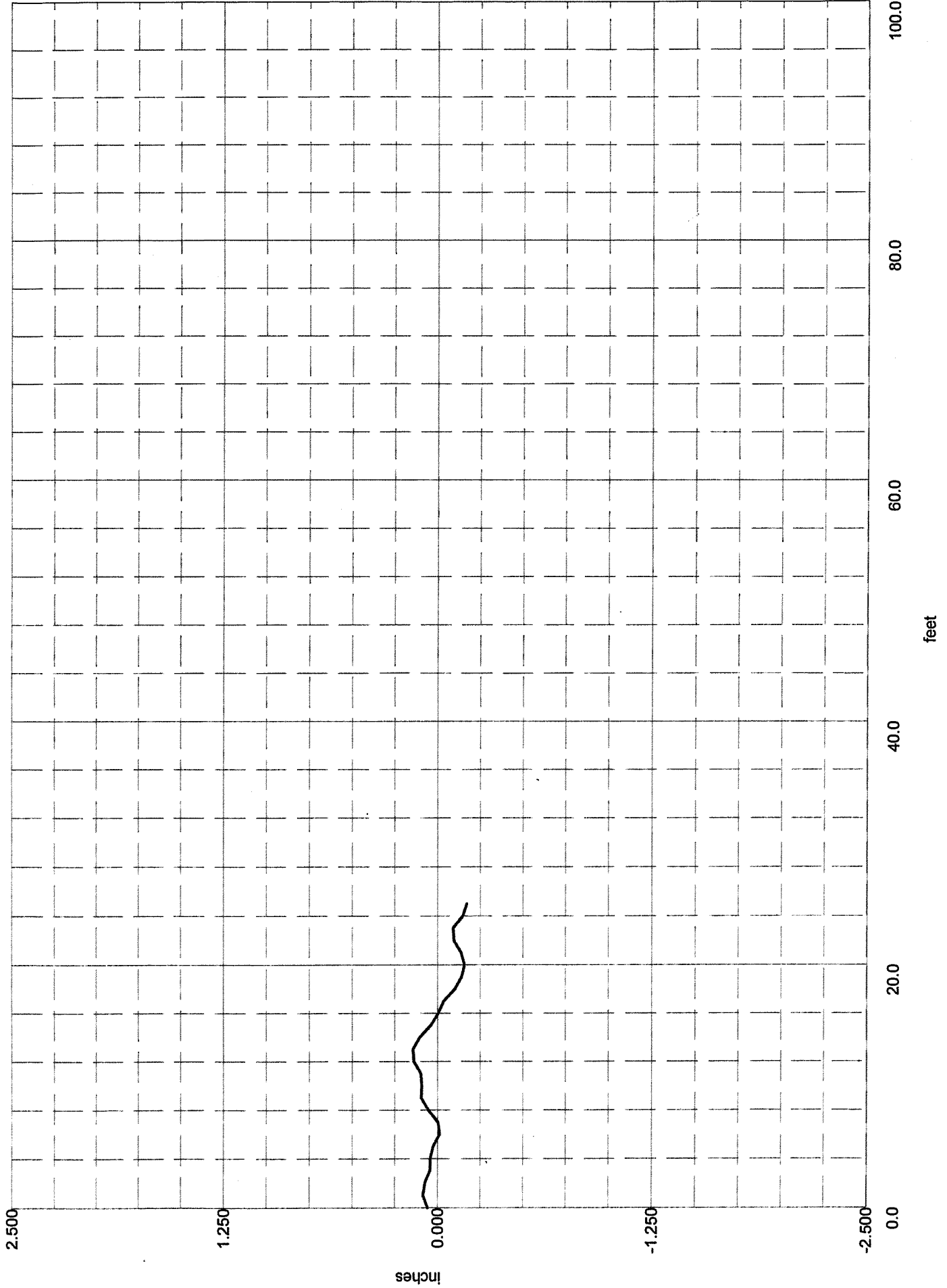
JETPORT PORTLAND5 03ACR5



F-NUMBER TESTING

FF = 57.0 <44.0 - 70.0> FL = 32.7 <23.7 - 41.6>

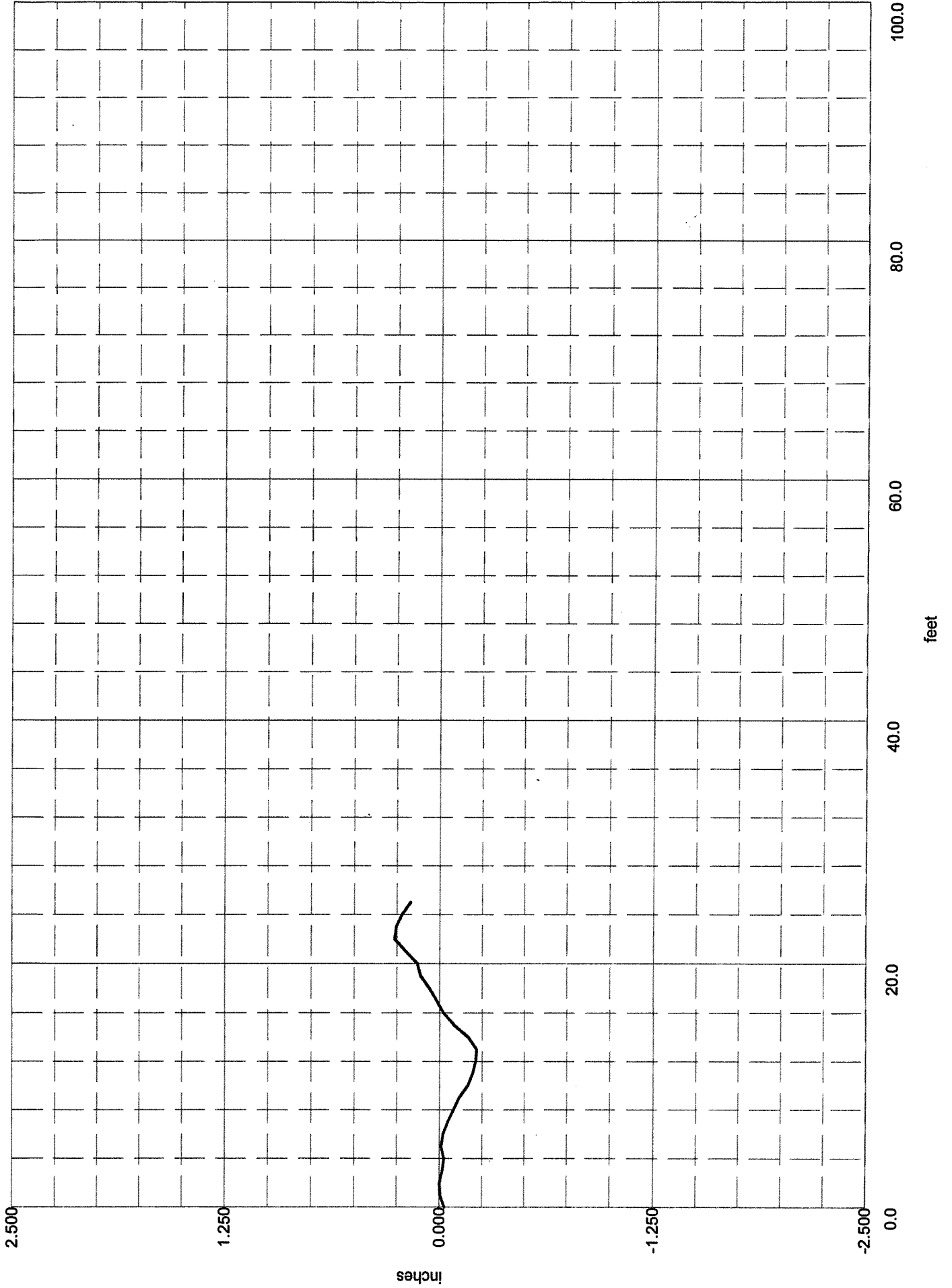
JETPORT PORTLAND5 05ACR6



F-NUMBER TESTING

FF = 44.3 <33.3 - 55.3> FL = 24.3 <16.7 - 31.9>

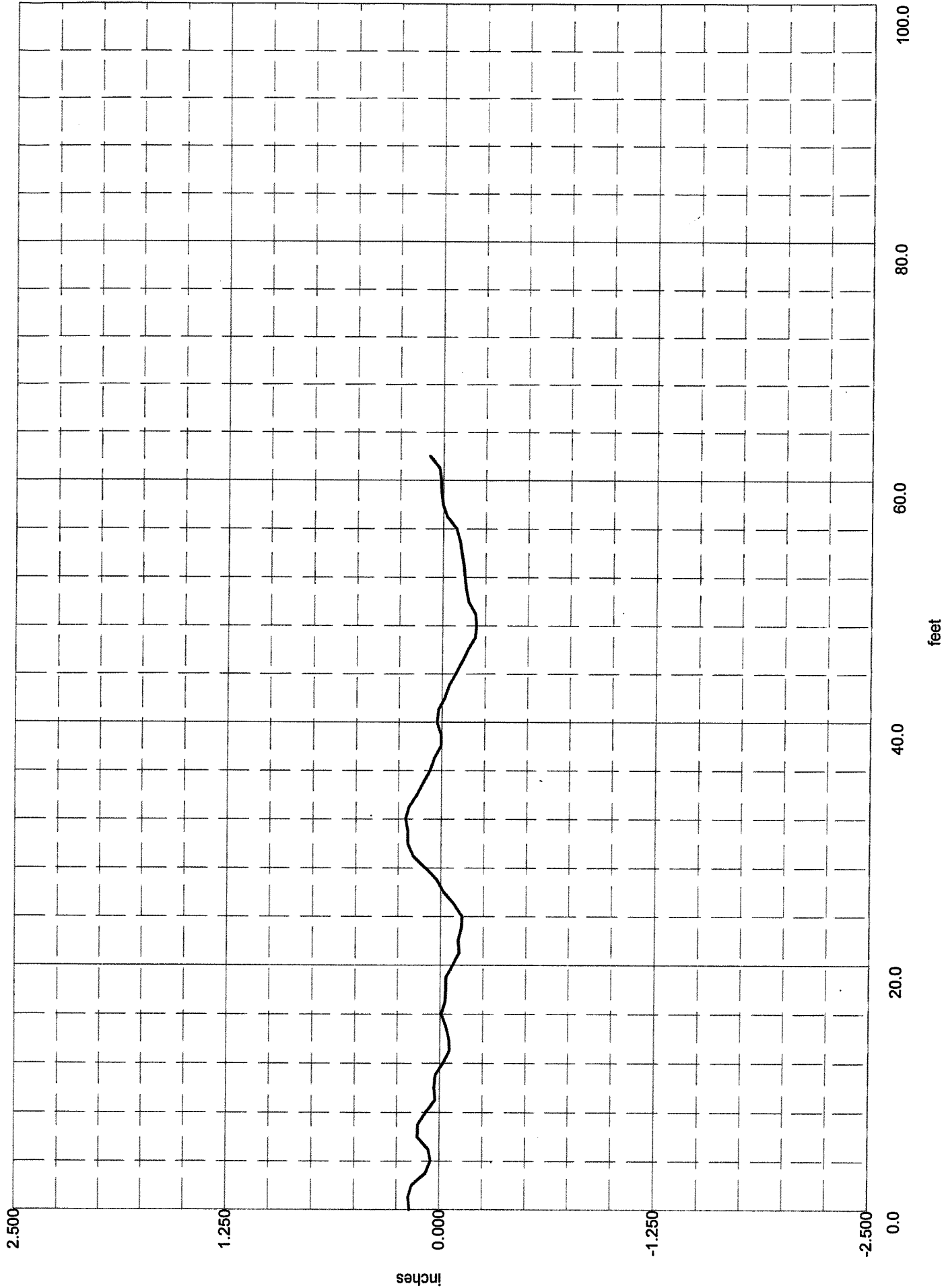
JETPORT PORTLAND5 05ACR7



FF = 52.0 <39.1 - 65.0> FL = 14.4 <9.9 - 19.0>

F-NUMBER TESTING

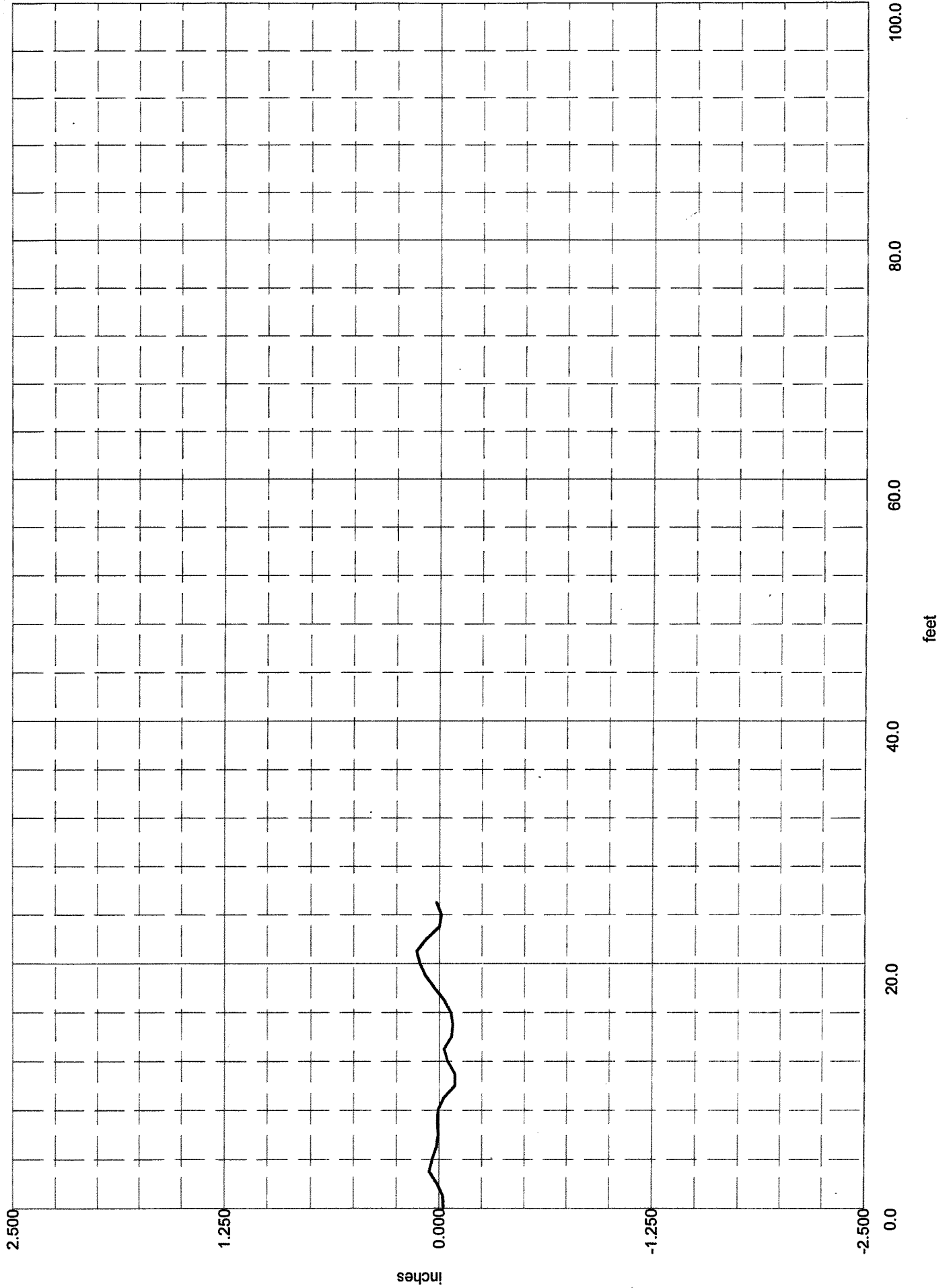
JETPORT PORTLANDS 05UP08



F-NUMBER TESTING

FF = 50.9 <42.8 - 58.9> FL = 23.5 <19.4 - 27.6>

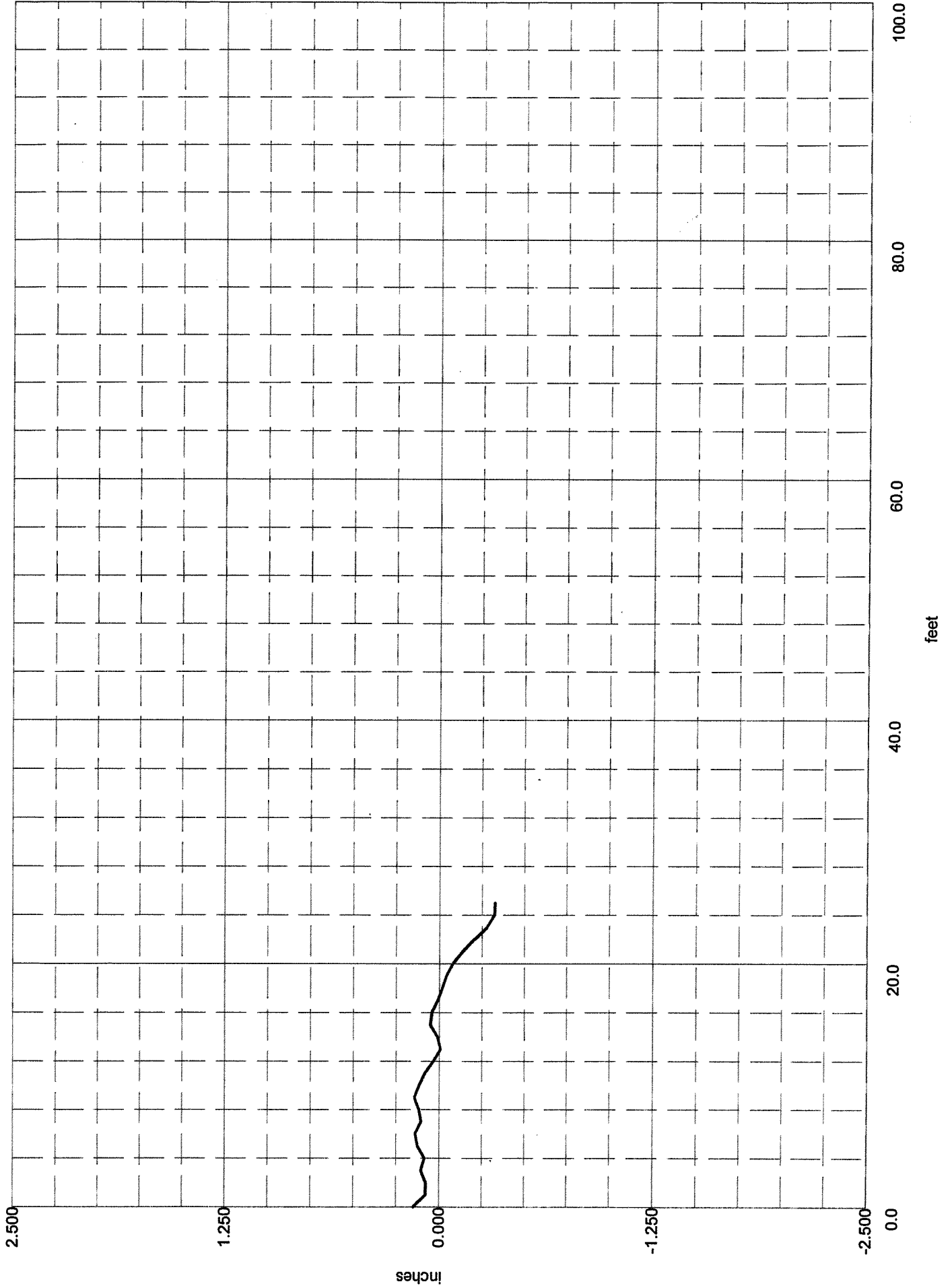
JETPORT PORTLAND5 05UP09



F-NUMBER TESTING

FF = 39.0 <29.3 - 48.7> FL = 36.4 <25.0 - 47.8>

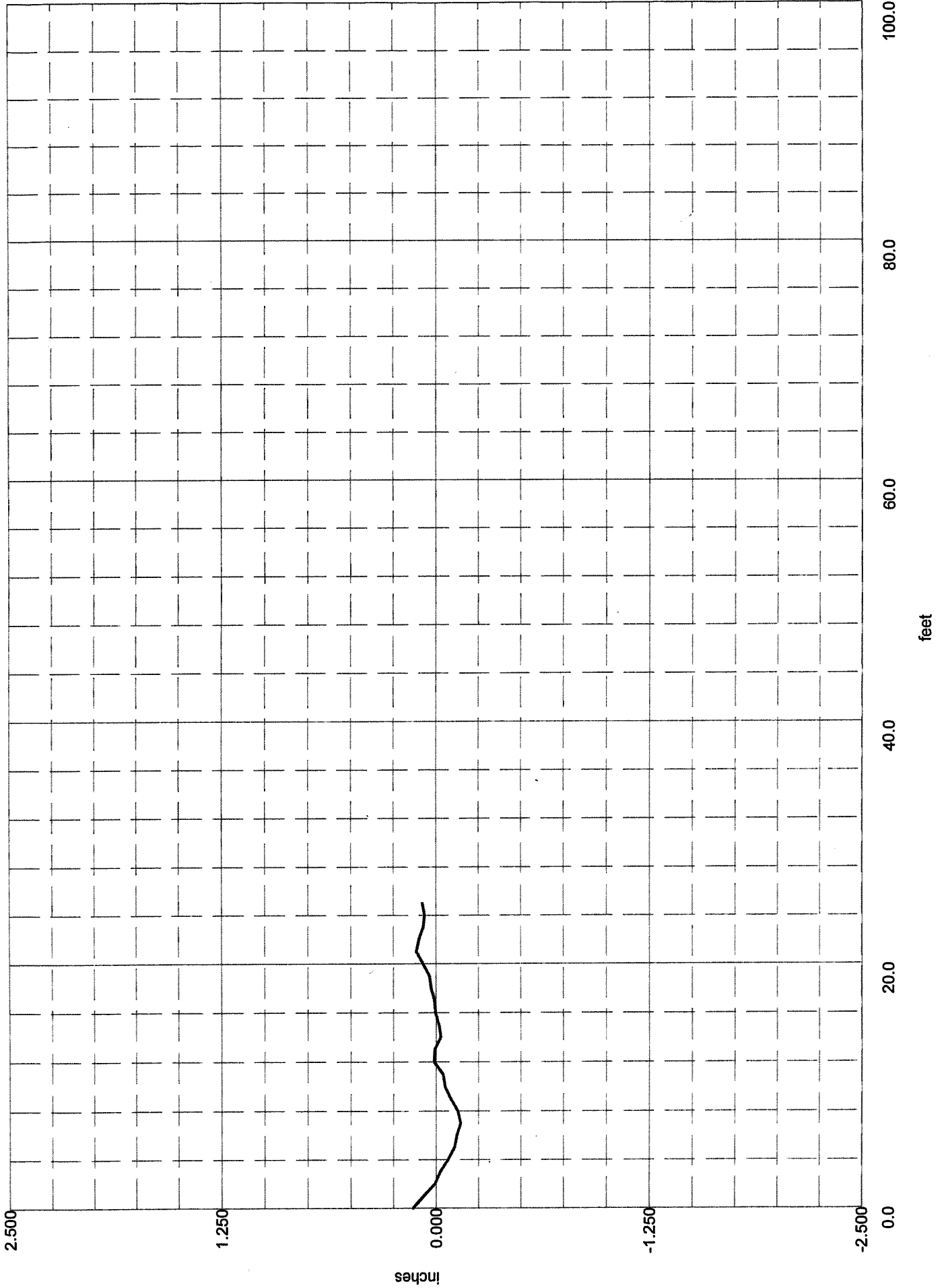
JETPORT PORTLAND5 05UP10



F-NUMBER TESTING

FF = 41.4 <31.1 - 51.8> FL = 25.4 <17.4 - 33.3>

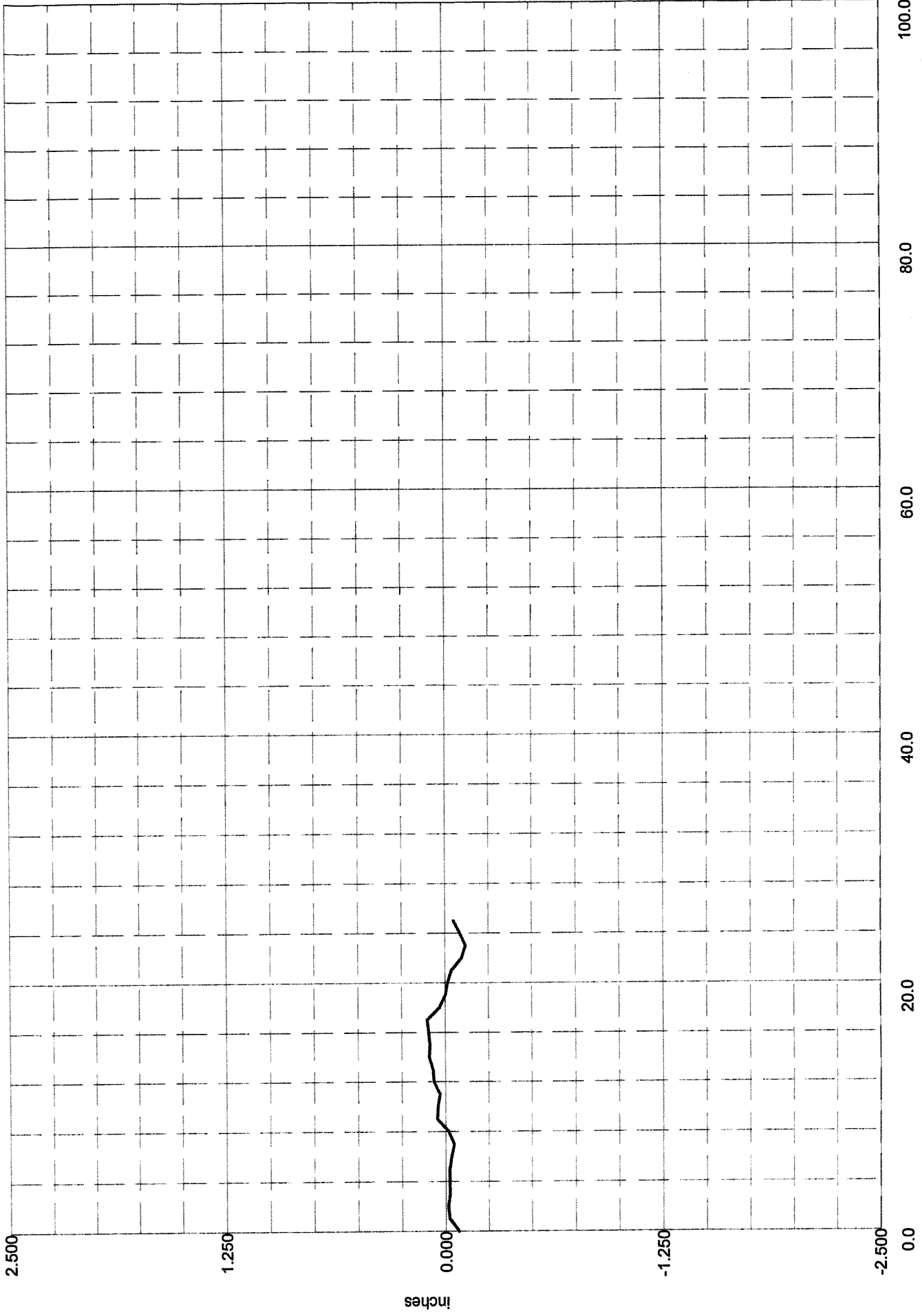
JETPORT PORTLAND5 05UP11



F-NUMBER TESTING

FF = 53.0 <39.8 - 66.2> FL = 35.4 <24.3 - 46.4>

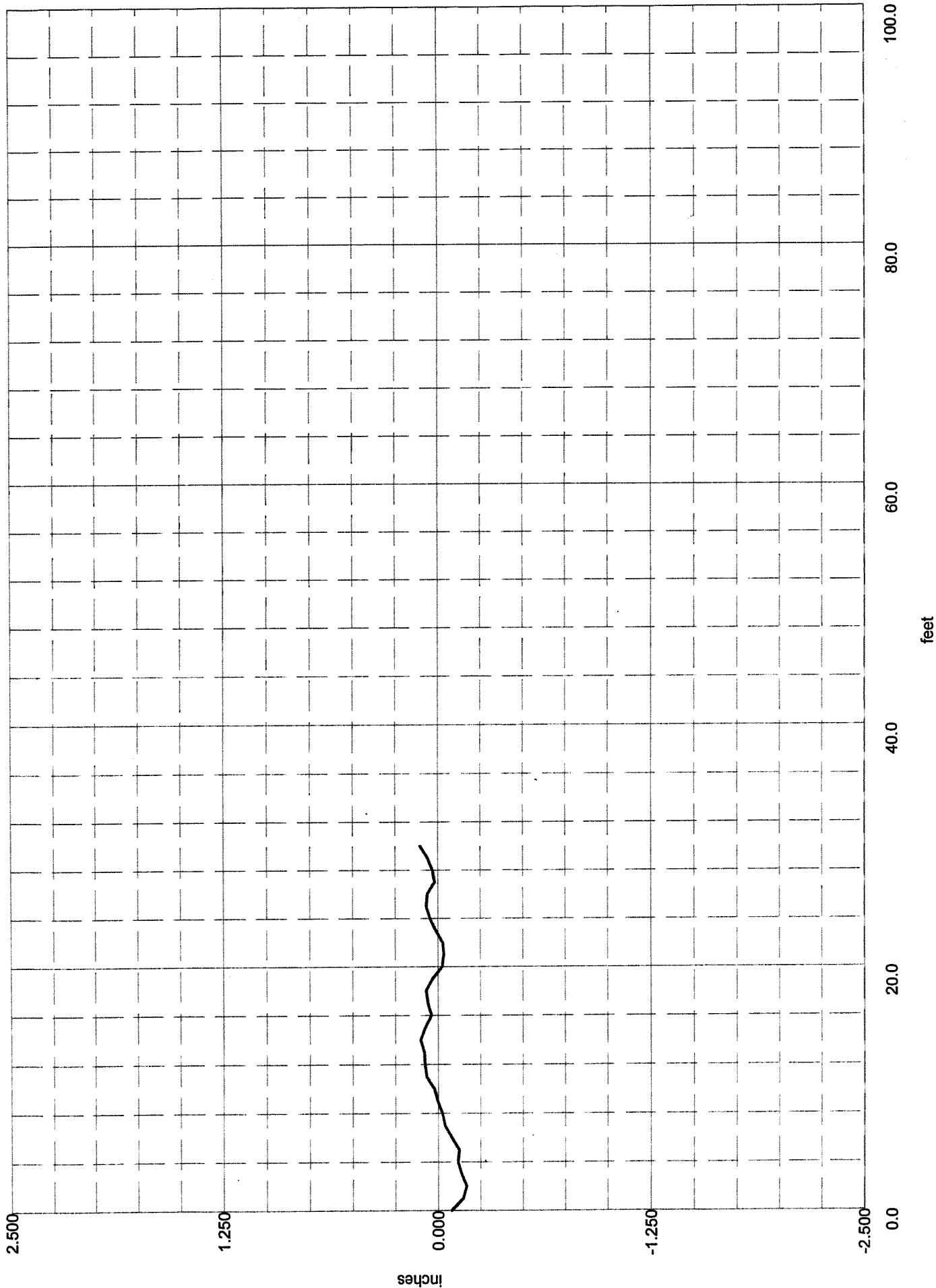
JETPORT PORTLAND5 05UP12



F-NUMBER TESTING

FF = 43.0 <32.3 - 53.7> FL = 33.7 <23.1 - 44.2>

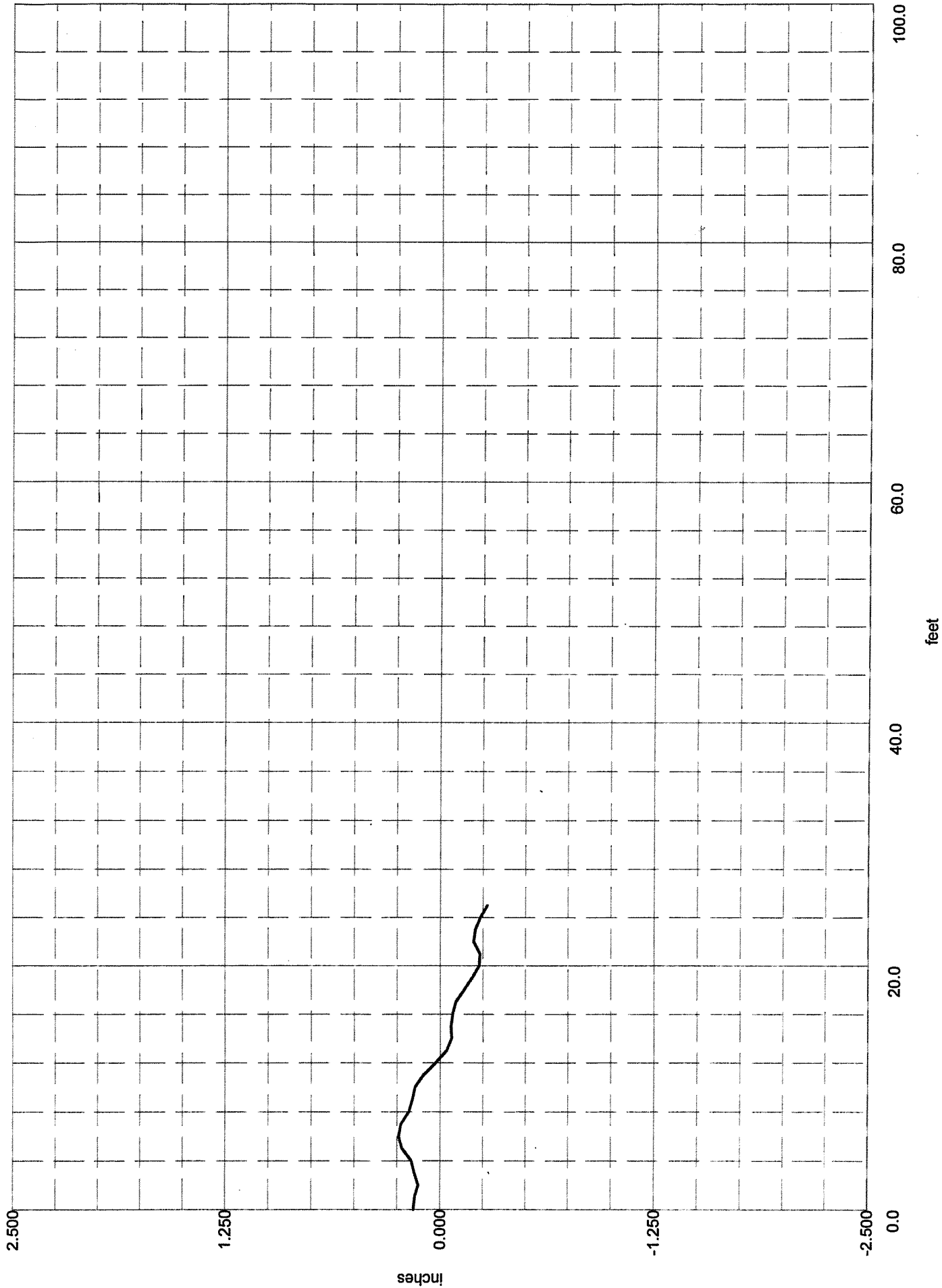
JETPORT PORTLAND5 05UP13



F-NUMBER TESTING

FF = 45.8 <35.4 - 56.3> FL = 31.0 <22.4 - 39.5>

JETPORT PORTLAND5 05UP14



FF = 53.4 <40.2 - 66.7> FL = 22.5 <15.4 - 29.5>

F-NUMBER TESTING

F - NUMBER TESTING

surface flatness/levelness

a division of Earl R. Somero & Associates, Inc.

October 8, 2010

Mr. Mathew Grady
R W Gillespie & Associates, Inc.
86 Industrial Park Road, Suite 4
Saco, ME 04072

Slab #6
Level 3
Col lines Y8+ - Y7 & XJ.5-XM
Roof

RE: F-Number Tolerance Testing
Portland Jetport, Portland, ME

Dear Mr. Grady:

The purpose of this letter is to notify you of the F-Number test results for the above referenced slabs. The floor slabs were tested in accordance with the provisions set forth in ASTM-1155-96 and ACI 117 Standard using the DIPSTICK AUTO-READ PROFILER. This slab was placed on Saturday, October 2, 2010, and tested on Saturday, October 2, 2010.

SPECIFICATIONS: Floors shall conform to the following surface profile tolerances:

POLISHED FLOORS (COLORED CONCRETE) FF: 40 FL: 20

RANDOMLY TRAFFICKED FLOOR SURFACE:

Specified Overall FF Value: 25	Specified Overall FL Value: 20
Minimum Local FF Value: 17	Minimum Local FL Value: 15

TEST SECTION RESULTS FOR SLAB #06 (RANDOMLY TRAFFICKED FLOOR)

The overall FF value is 40.24, with a 90% Confidence Interval <36.98-43.51>
which is ABOVE the Specified Overall Value.

The overall FL value is 21.93, with a 90% Confidence Interval <19.84-24.01>
which is not enforceable on unshored elevated slabs.

Mr. Mathew Grady
R W Gillespie & Associates, Inc,
Jetport, Portland, ME – Slab #06
October 8, 2010
Page 2

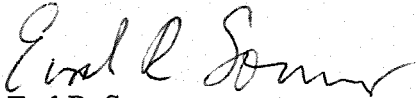
Individual survey lines are as follows:

LINE #	FF #	FL #	Rdgs	LINE #	FF #	FL #	Rdgs
06ACR1	39.84	18.49	26	06UP04	36.57	40.53	26
06ACR2	41.28	26.35	26	06UP05	46.36	23.64	26
06ACR3	41.02	21.26	26	06UP06	38.33	16.89	26

Number of Readings required: 114 Actual: 156

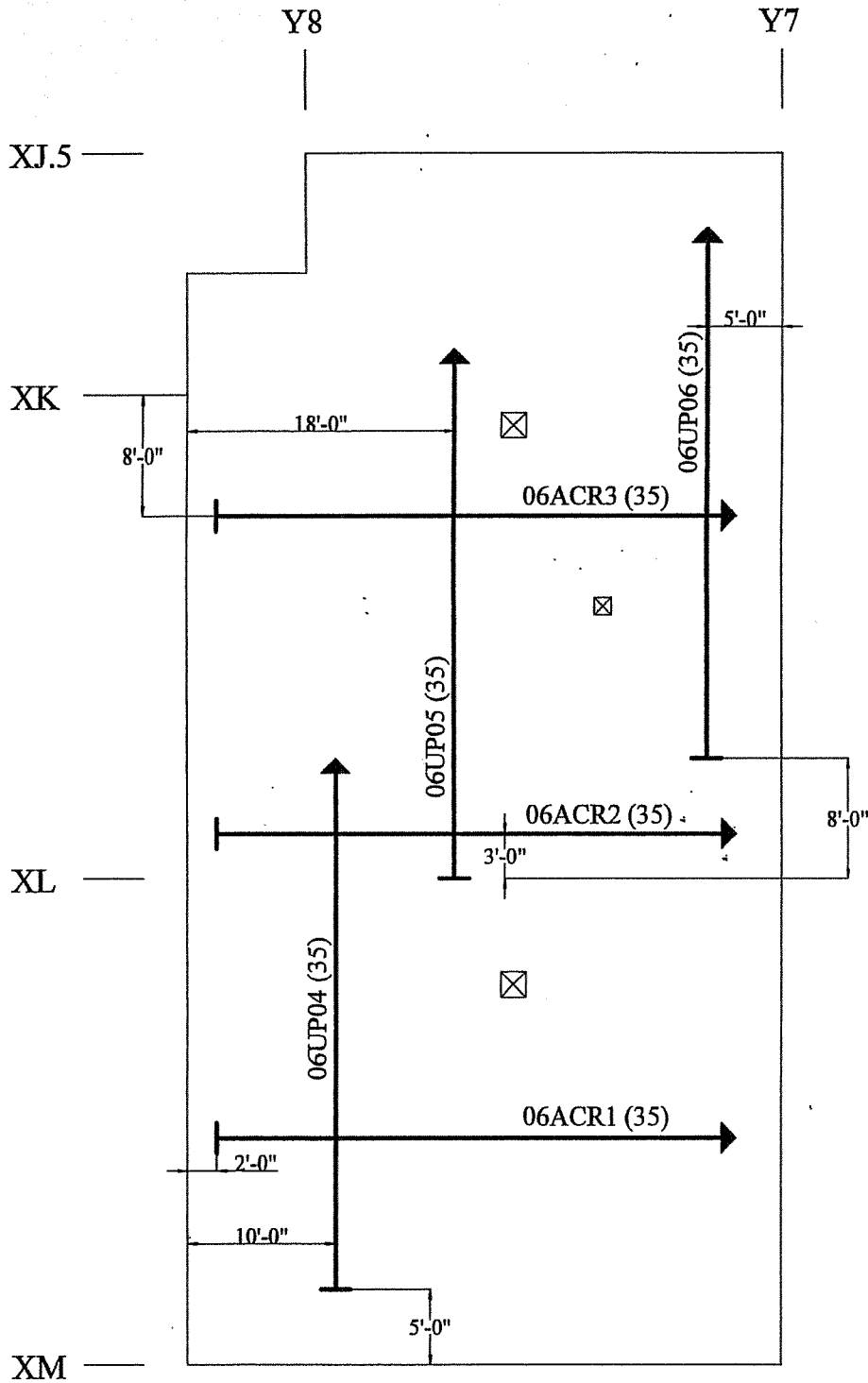
Please do not hesitate to call if you have any questions.

Sincerely yours,



Earl R. Somero
F-Number Testing

MB



JETPORT PORTLAND, ME
 LEVEL 3 - ROOF
 SLAB #6

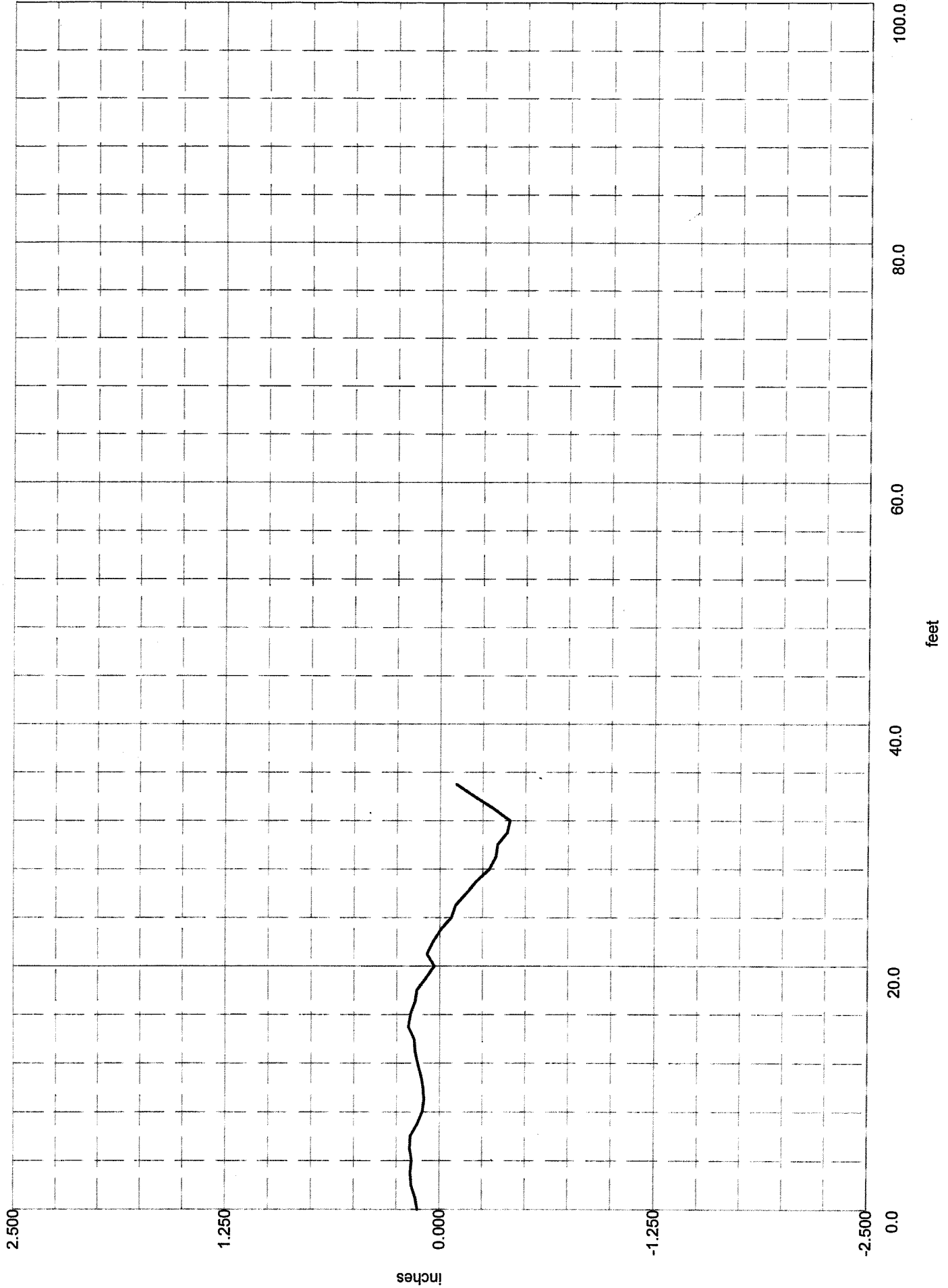
Level 3, Roof, GRAY

Earl R. Somero

REGISTERED PROFESSIONAL ENGINEER
 NUMBER TESTING

P.O. Box 486 New Ipswich, NH 03071
 603-878-1634

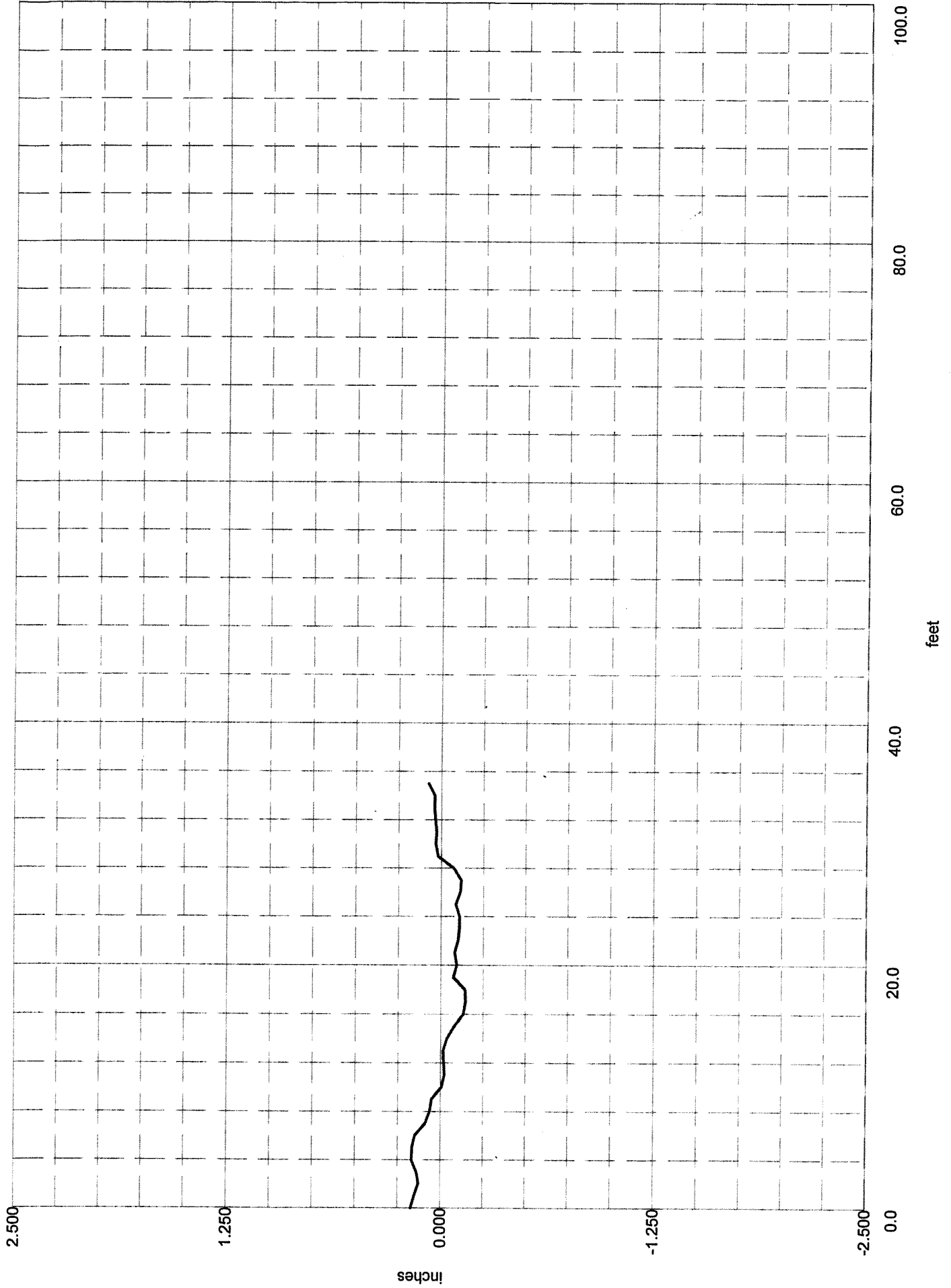
JETPORT PORTLAND6 06ACR1



F-NUMBER TESTING

FF = 39.8 <31.4 - 48.3> FL = 18.5 <13.9 - 23.1>

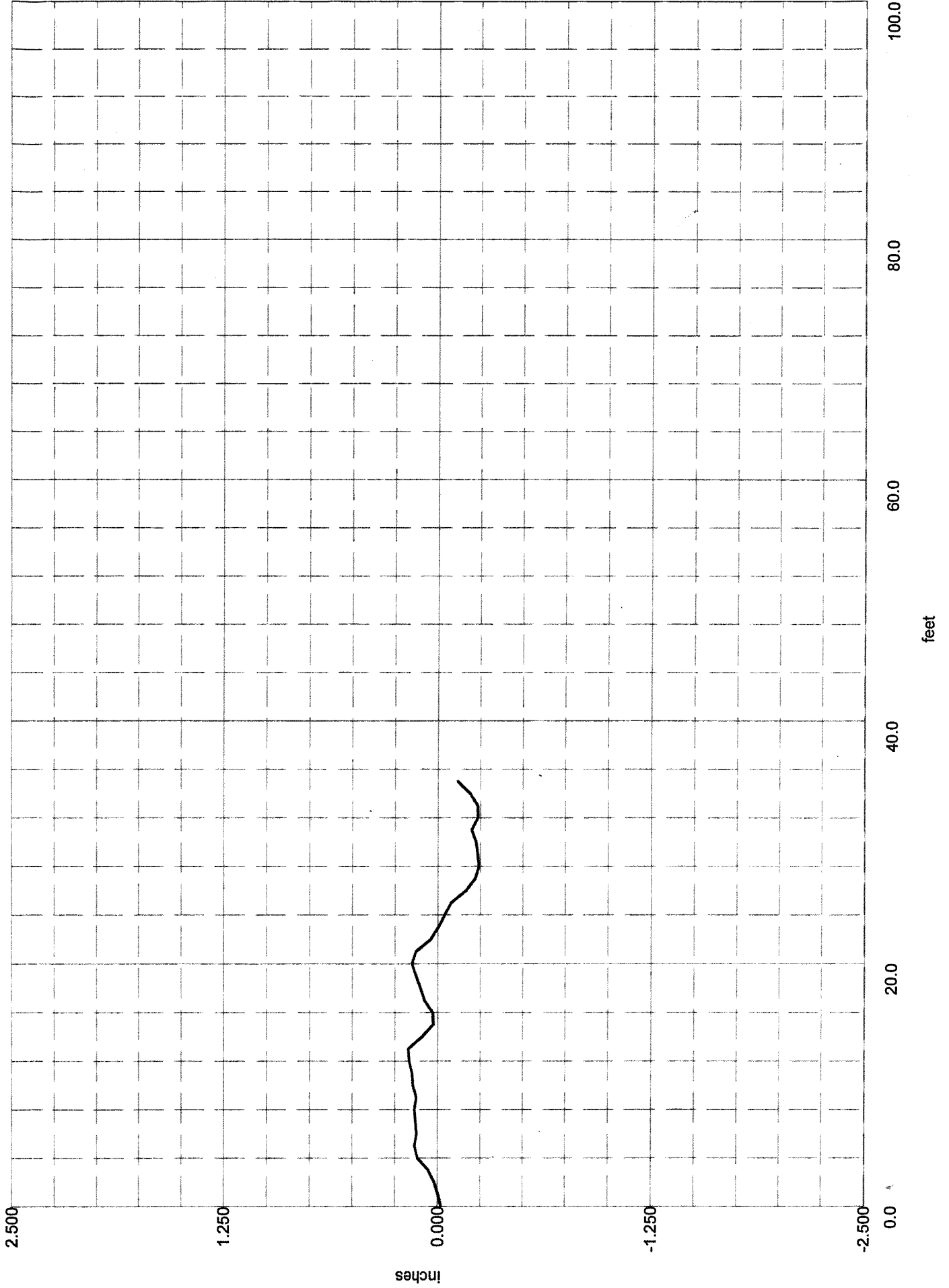
JETPORT PORTLAND6 06ACR2



F-NUMBER TESTING

FF = 41.3 <32.5 - 50.0> FL = 26.4 <19.8 - 32.9>

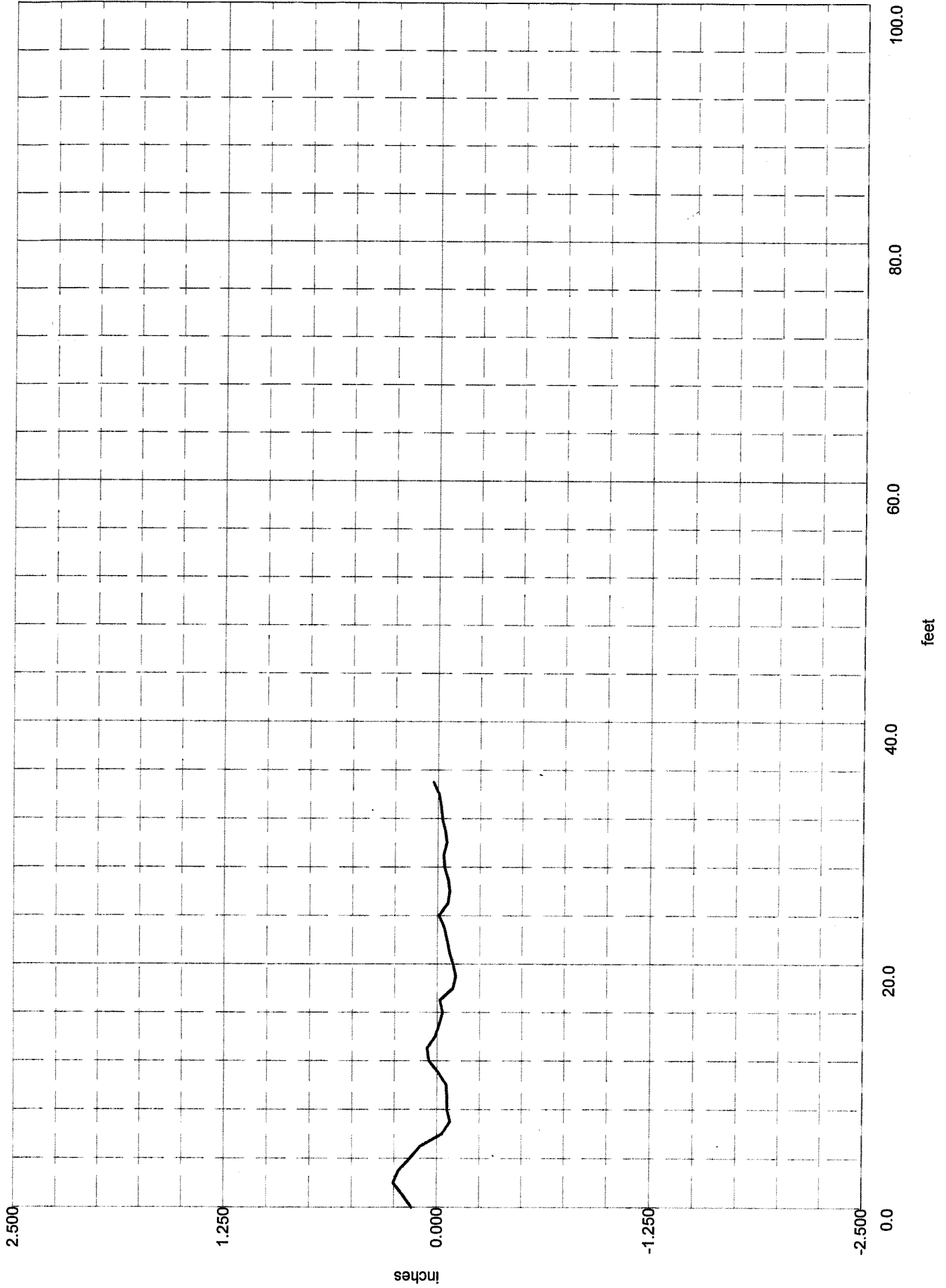
JETPORT PORTLAND6 06ACR3



F-NUMBER TESTING

FF = 41.0 <32.3 - 49.7> FL = 21.3 <16.0 - 26.6>

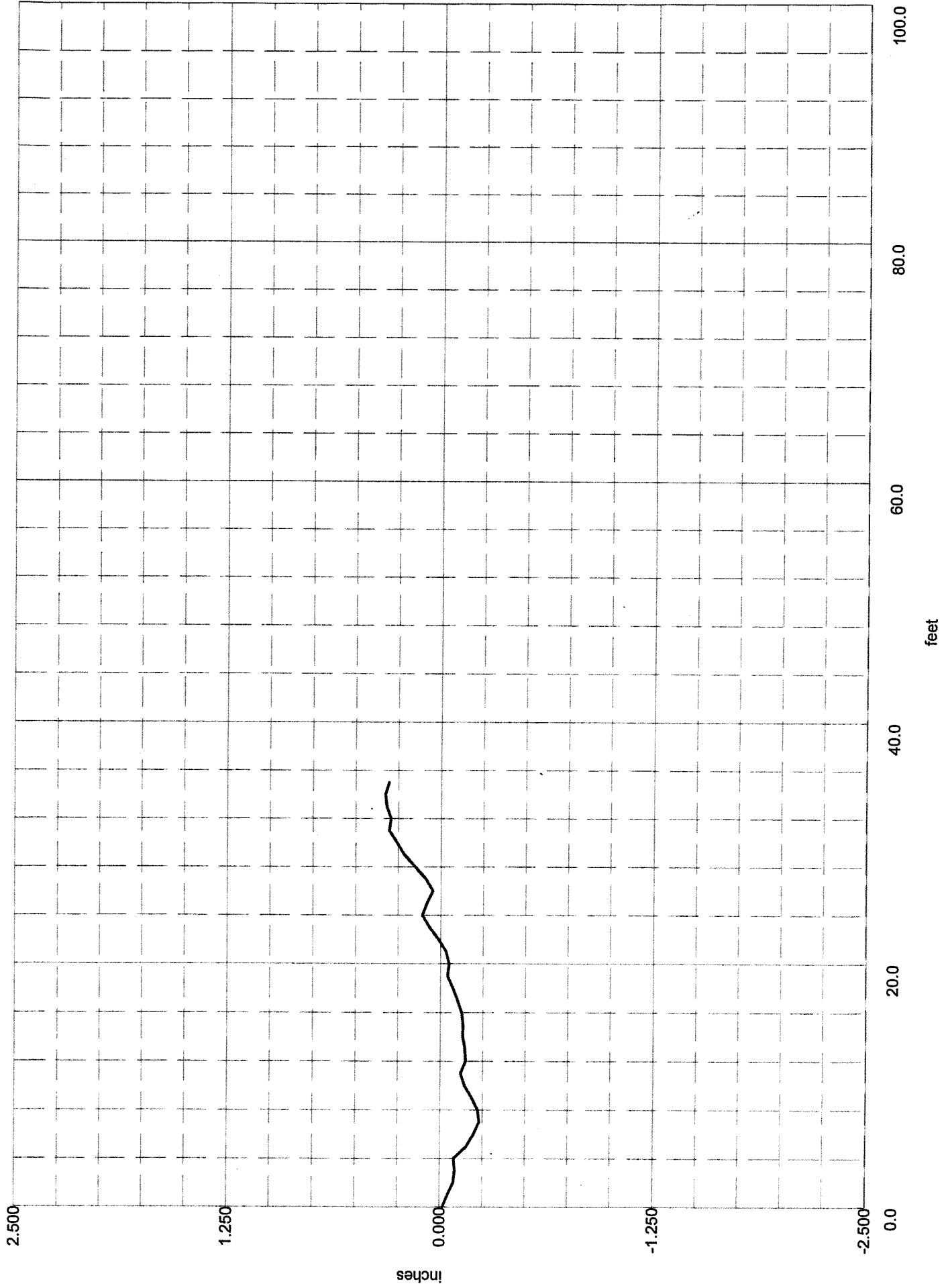
JETPORT PORTLAND6 06UP04



F-NUMBER TESTING

FF = 36.6 <28.8 - 44.3> FL = 40.5 <30.5 - 50.6>

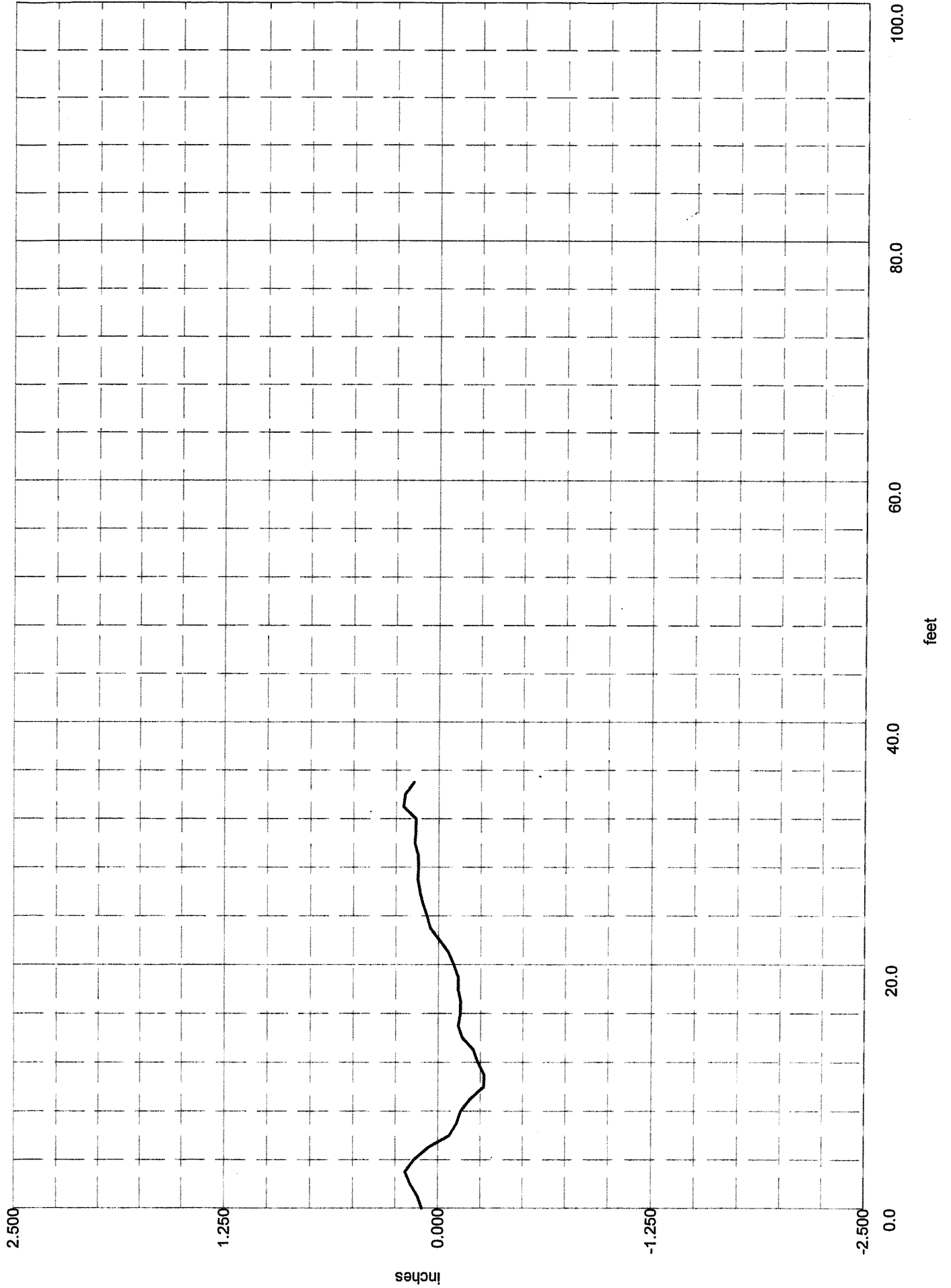
JETPORT PORTLAND6 05UP05



F-NUMBER TESTING

FF = 46.4 <36.5 - 56.2> FL = 23.6 <17.8 - 29.5>

JETPORT PORTLAND6 06UP06



F-NUMBER TESTING

FF = 38.3 <30.2 - 46.4> FL = 16.9 <12.7 - 21.1>

F - NUMBER TESTING

surface flatness/levelness

a division of Earl R. Somero & Associates, Inc.

October 15, 2010

RECEIVED
OCT 18 2010

Mr. Mathew Grady
R W Gillespie & Associates, Inc.
86 Industrial Park Road, Suite 4
Saco, ME 04072

Slab #8 (3-2)
Level 3
Col lines XJ.5-XL.8 & Y1-Y6

RE: F-Number Tolerance Testing
Portland Jetport, Portland, ME

Dear Mr. Grady:

The purpose of this letter is to notify you of the F-Number test results for the above referenced slabs. The floor slabs were tested in accordance with the provisions set forth in ASTM-1155-96 and ACI 117 Standard using the DIPSTICK AUTO-READ PROFILER. This slab was placed on Tuesday, October 5, 2010, and tested on Tuesday, October 5, 2010.

SPECIFICATIONS: Floors shall conform to the following surface profile tolerances:

POLISHED FLOORS (COLORED CONCRETE) FF: 40 FL: 20

RANDOMLY TRAFFICKED FLOOR SURFACE:

Specified Overall FF Value: 25	Specified Overall FL Value: 20
Minimum Local FF Value: 17	Minimum Local FL Value: 15

TEST SECTION RESULTS FOR SLAB #08 (COLORED CONCRETE)

The overall FF value is 45.98, with a 90% Confidence Interval <43.91-48.05>
which is ABOVE the Specified Overall Value.

The overall FL value is 21.05, with a 90% Confidence Interval <19.98-22.13>
which is not enforceable on unshored elevated slabs

Mr. Mathew Grady
R W Gillespie & Associates, Inc,
Jetport, Portland, ME – Slab #08
October 15, 2010
Page 2

Individual survey lines are as follows:

LINE #	FF #	FL #	Rdgs	LINE #	FF #	FL #	Rdgs
08ACR1	56.26	25.47	36	08UP07	71.41	32.21	36
08ACR2	38.58	20.99	36	08UP08	46.69	62.44	36
08ACR3	50.66	22.07	36	08UP09	33.38	14.76	36
08ACR4	39.32	14.76	36	08UP10	44.92	31.52	36
08ACR5	52.84	44.58	36	08UP11	62.71	31.40	36
08ACR6	36.65	12.07	36	08UP12	63.63	26.50	36

Number of Readings required: 288 Actual: 432

NOTE: Although the FL is not enforceable, please note the low FL values for 08ACR4, 08ACR6 & 08UP09. Graphs are attached for your review.

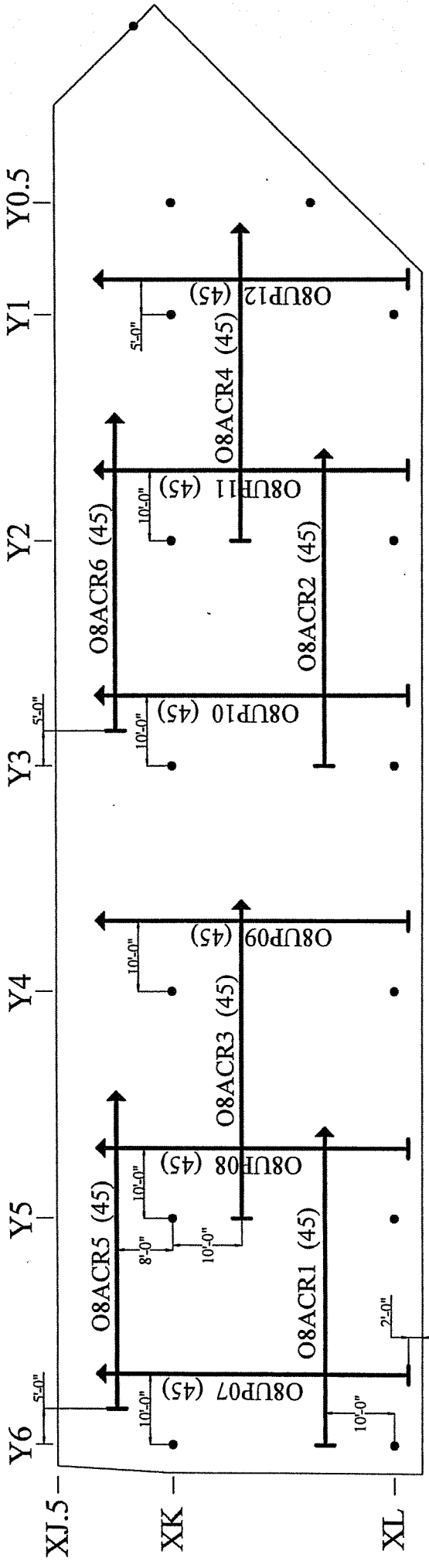
Please do not hesitate to call if you have any questions.

Sincerely yours,



Earl R. Somero
F-Number Testing



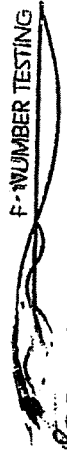


JETPORT
 PORTLAND, ME
 SLAB #08

LEVEL 3, SECTION 3-2, WHITE

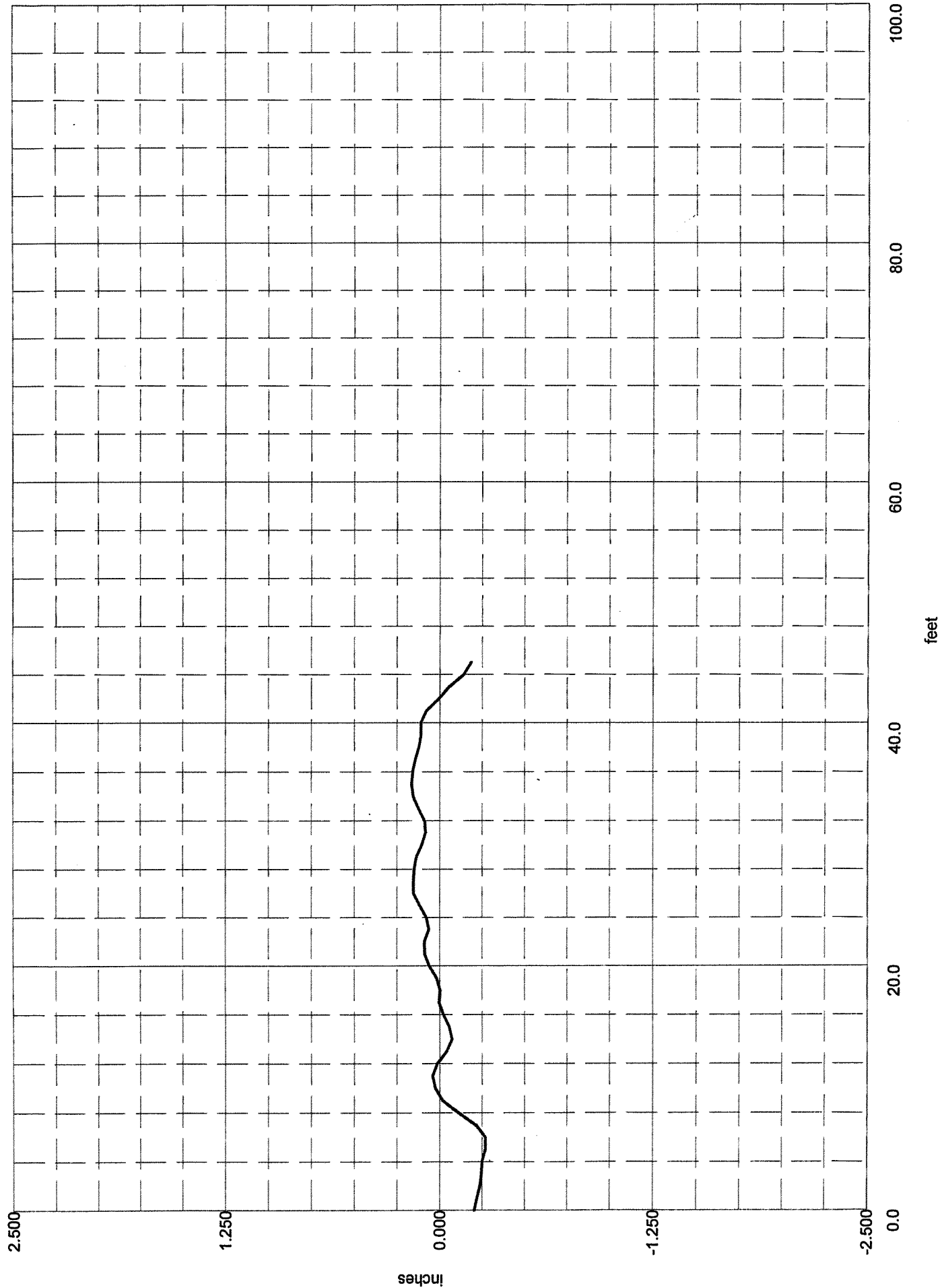
Level 3

Earl R. Somero



F-NUMBER TESTING
 PO Box 486 New Ipswich, NH 03071
 603-878-1634

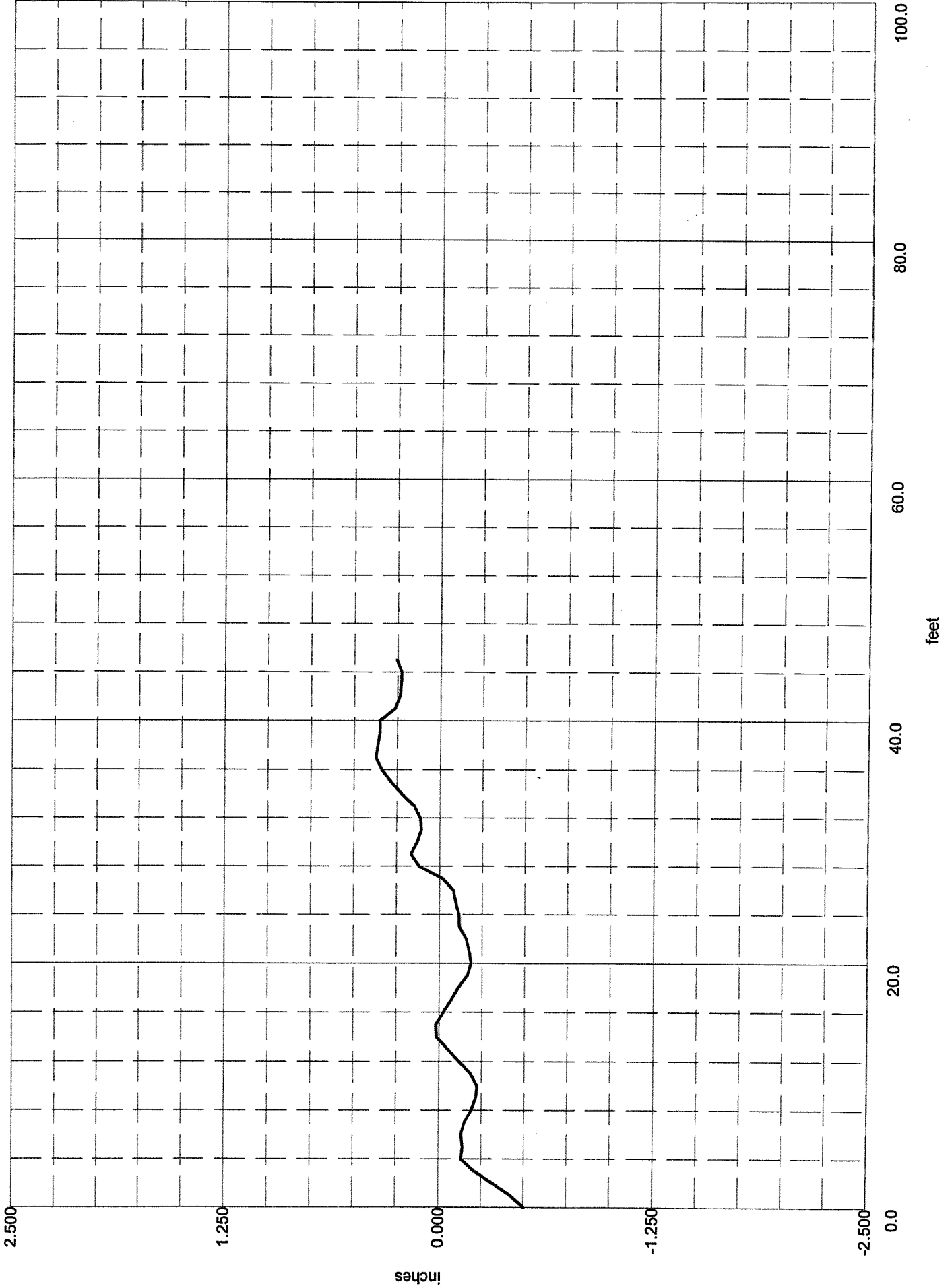
JETPORT PORTLAND8 08ACR1



F-NUMBER TESTING

FF = 56.3 <45.7 - 66.8> FL = 25.5 <20.1 - 30.9>

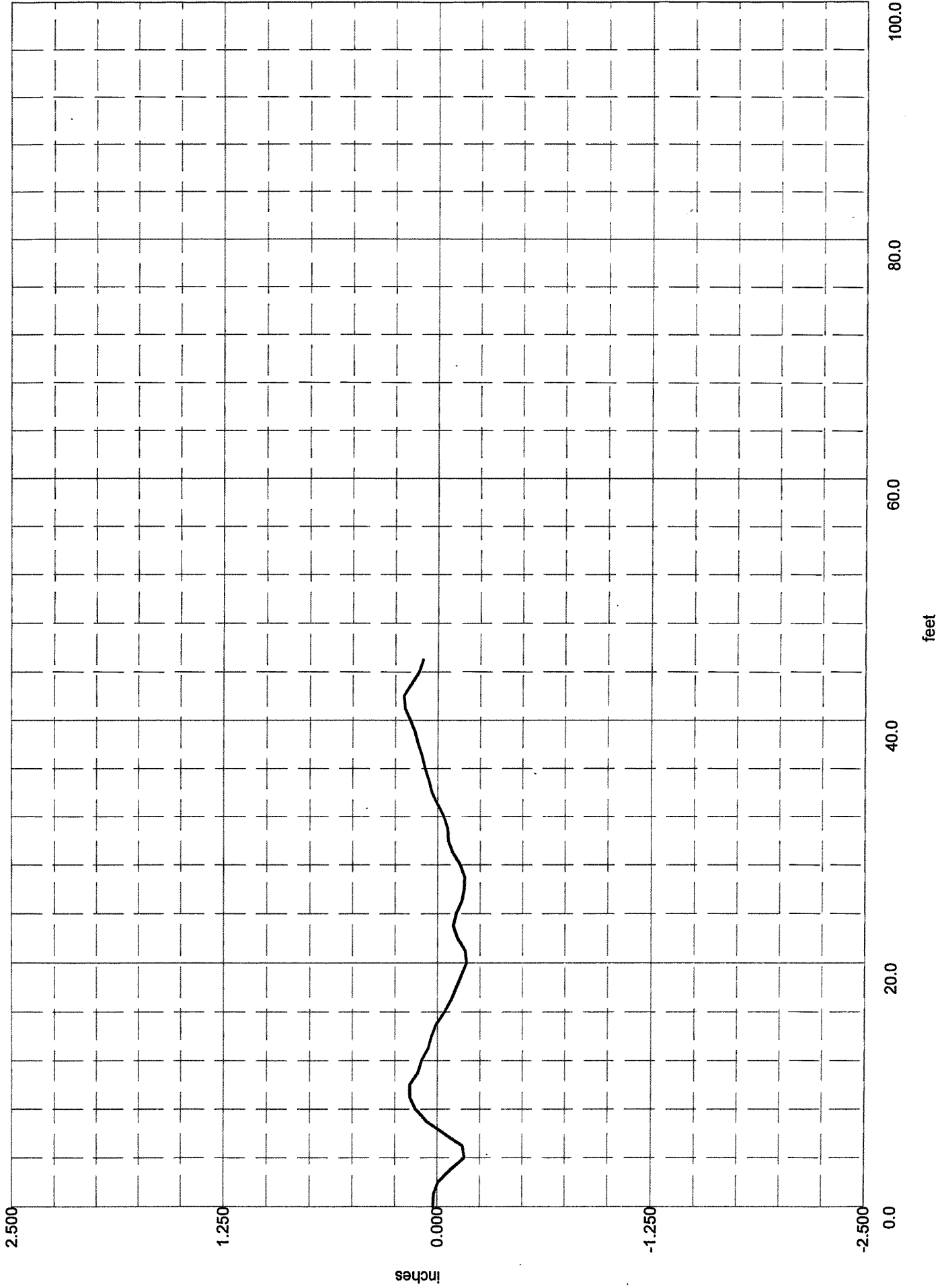
JETPORT PORTLAND8 08ACR2



F-NUMBER TESTING

FF = 38.6 <31.4 - 45.8> FL = 21.0 <16.5 - 25.4>

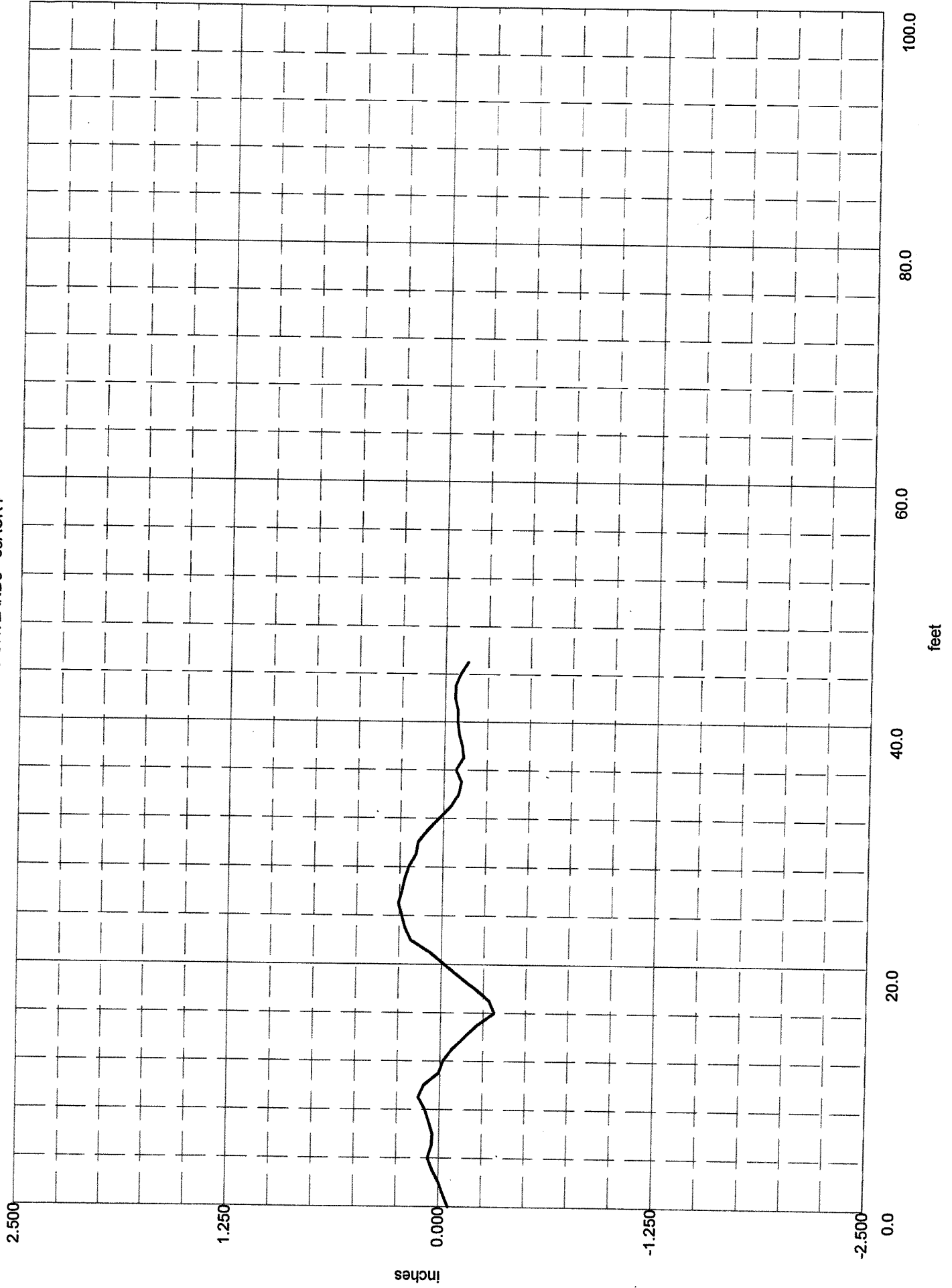
JETPORT PORTLAND8 08ACR3



F-NUMBER TESTING

FF = 50.7 <41.2 - 60.1> FL = 22.1 <17.4 - 26.7>

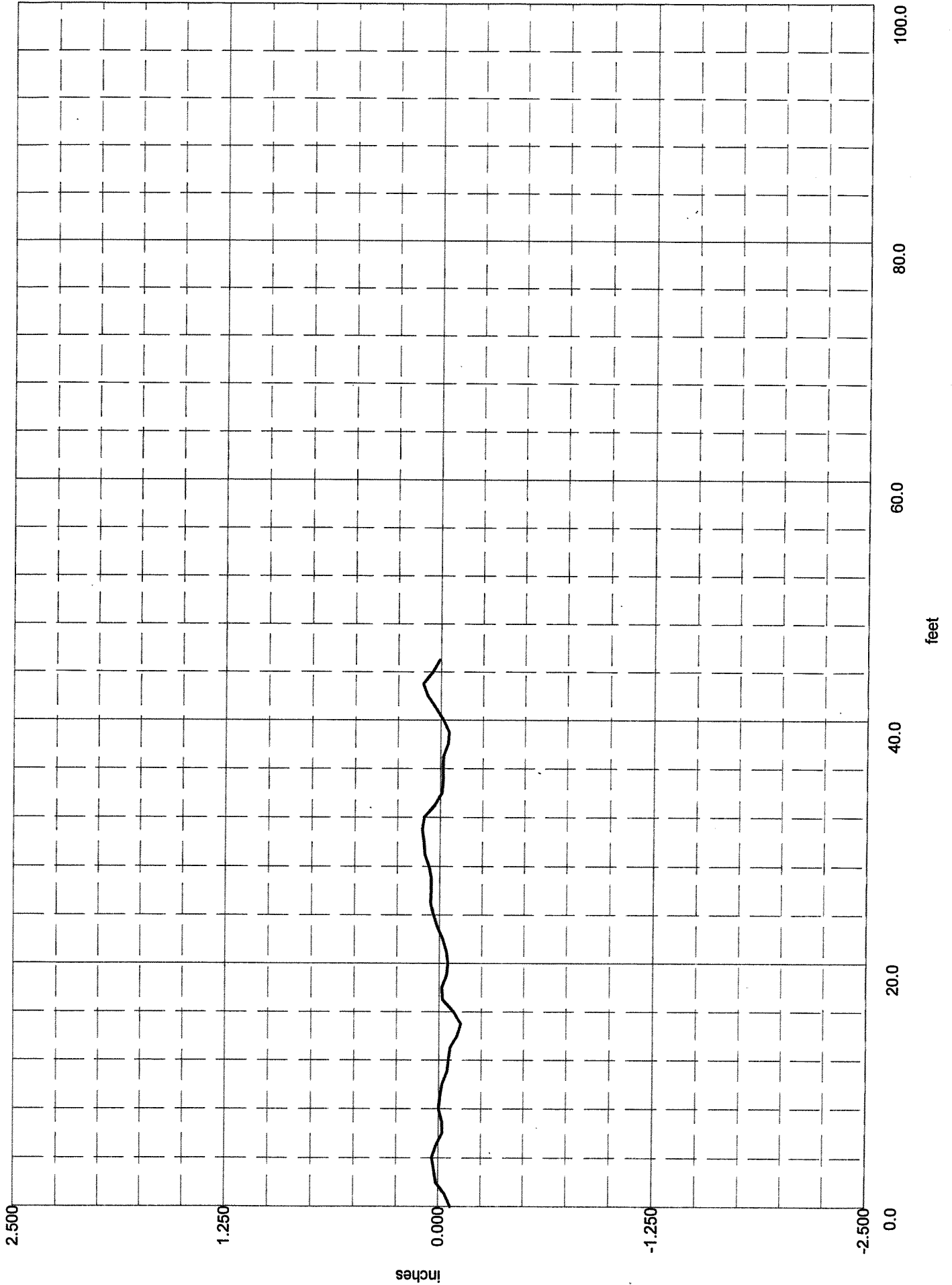
JETPORT PORTLAND8 08ACR4



F-NUMBER TESTING

FF = 39.3 <32.0 - 46.7> FL = 14.8 <11.6 - 17.9>

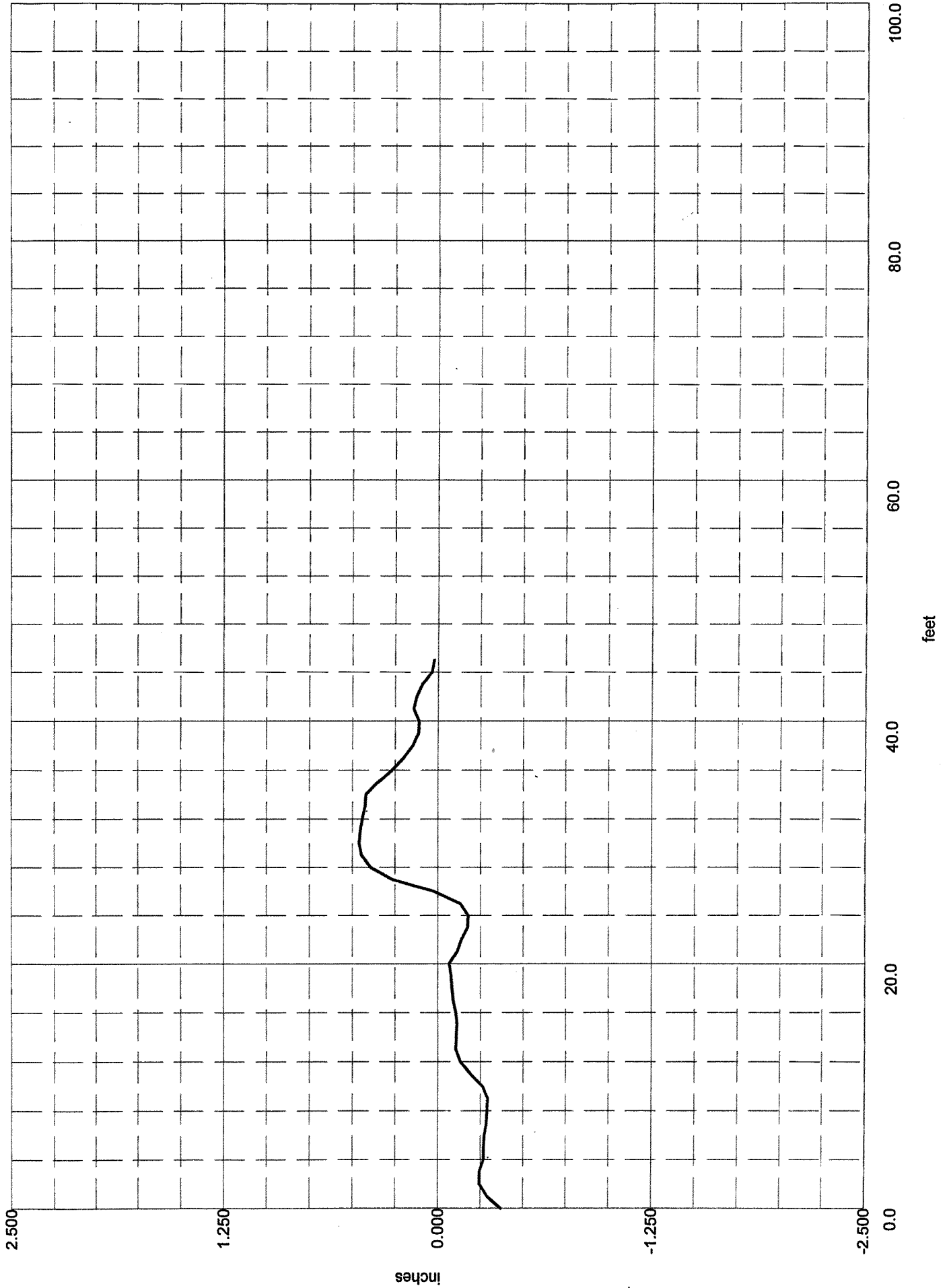
JETPORT PORTLAND8 08ACR5



F-NUMBER TESTING

FF = 52.8 <43.0 - 62.7> FL = 44.6 <35.1 - 54.0>

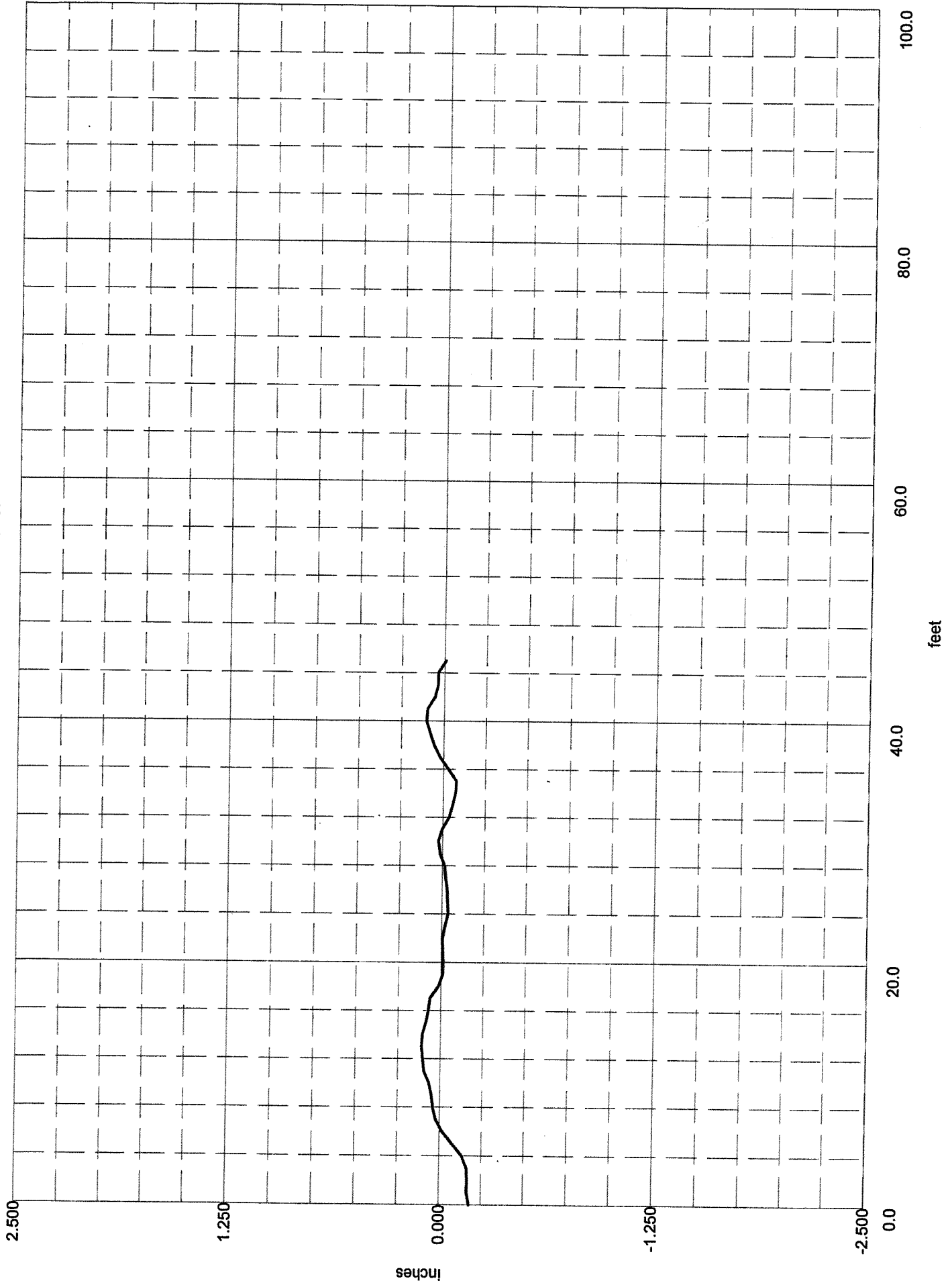
JETPORT PORTLAND8 08ACR6



F-NUMBER TESTING

FF = 36.6 <29.8 - 43.5> FL = 12.1 <9.5 - 14.6>

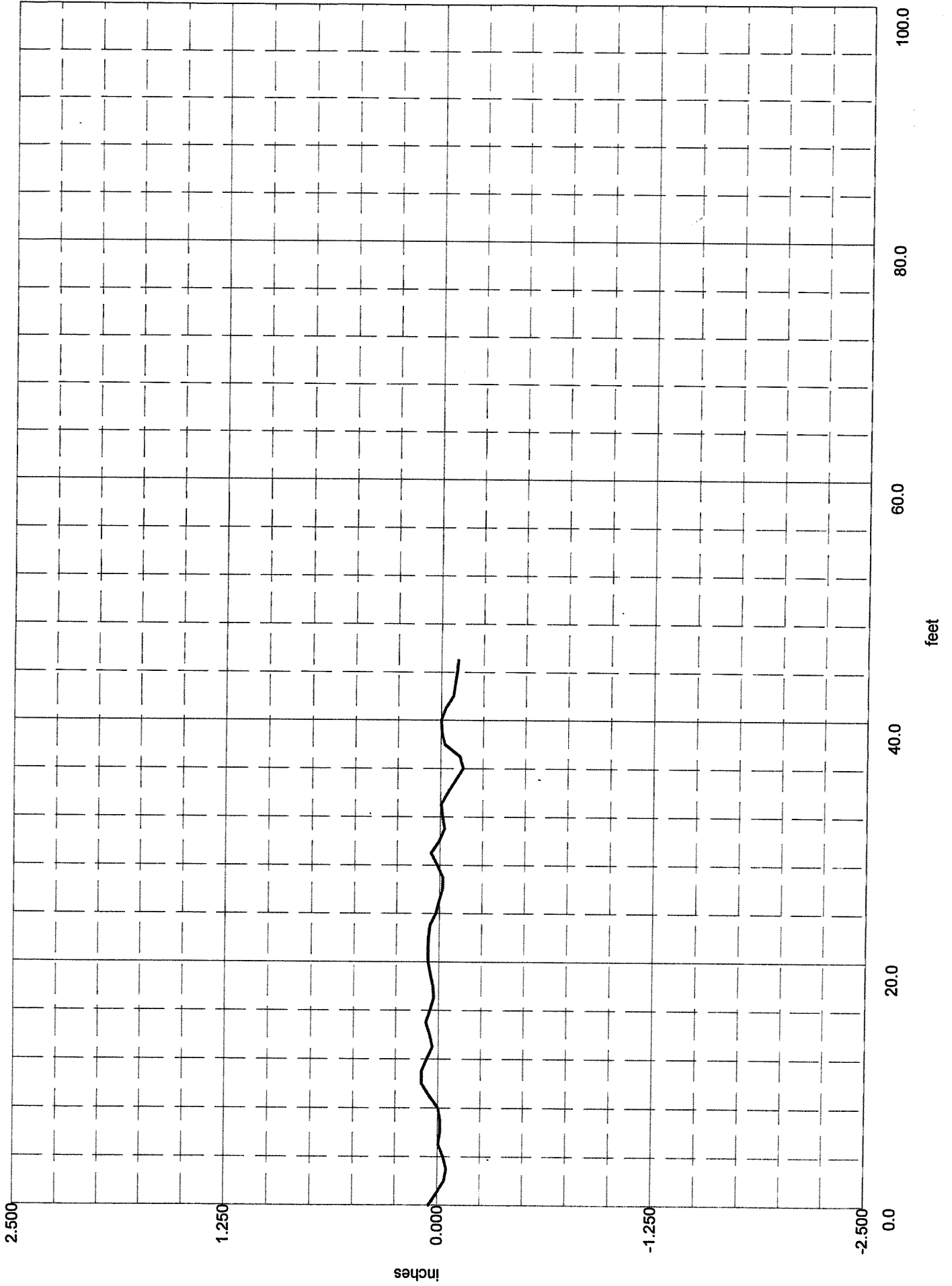
JETPORT PORTLAND8 08UP07



F-NUMBER TESTING

FF = 71.4 <58.1 - 84.8> FL = 32.2 <25.4 - 39.0>

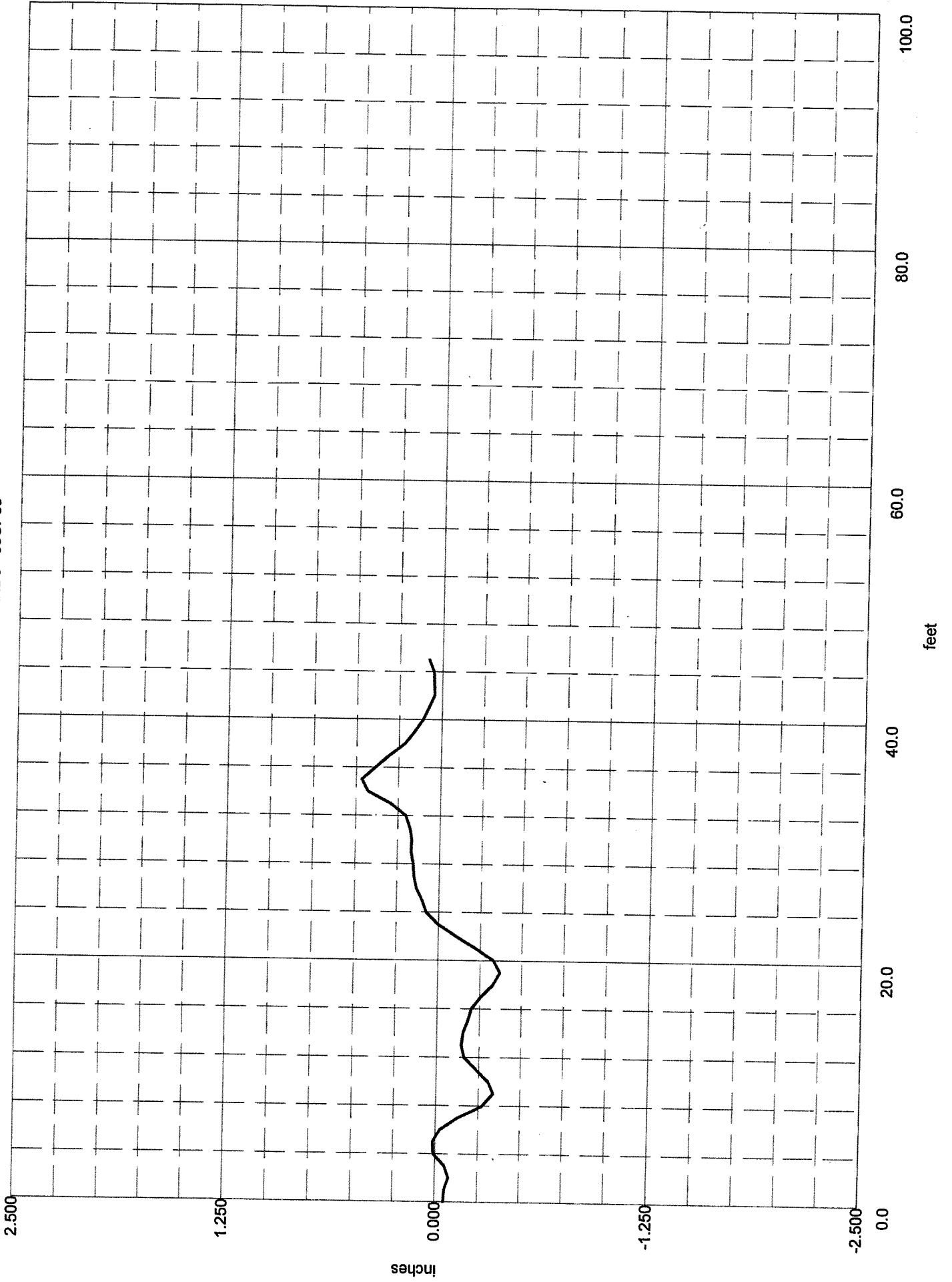
JETPORT PORTLAND8 08UP08



F-NUMBER TESTING

FF = 46.7 <38.0 - 55.4> FL = 62.4 <49.2 - 75.7>

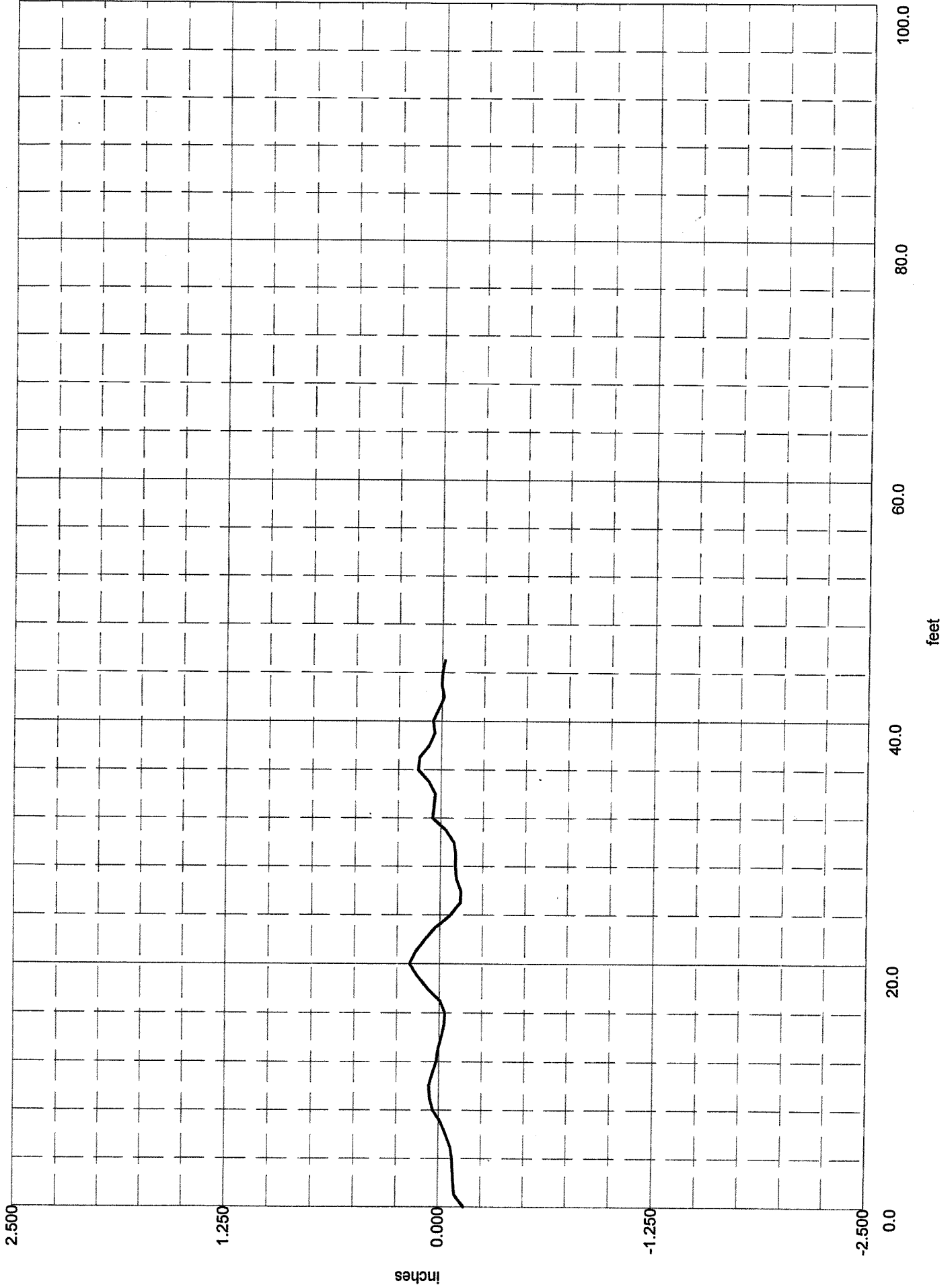
JETPORT PORTLAND8 08UP09



FF = 33.4 <27.1 - 39.6> FL = 14.8 <11.6 - 17.9>

F-NUMBER TESTING

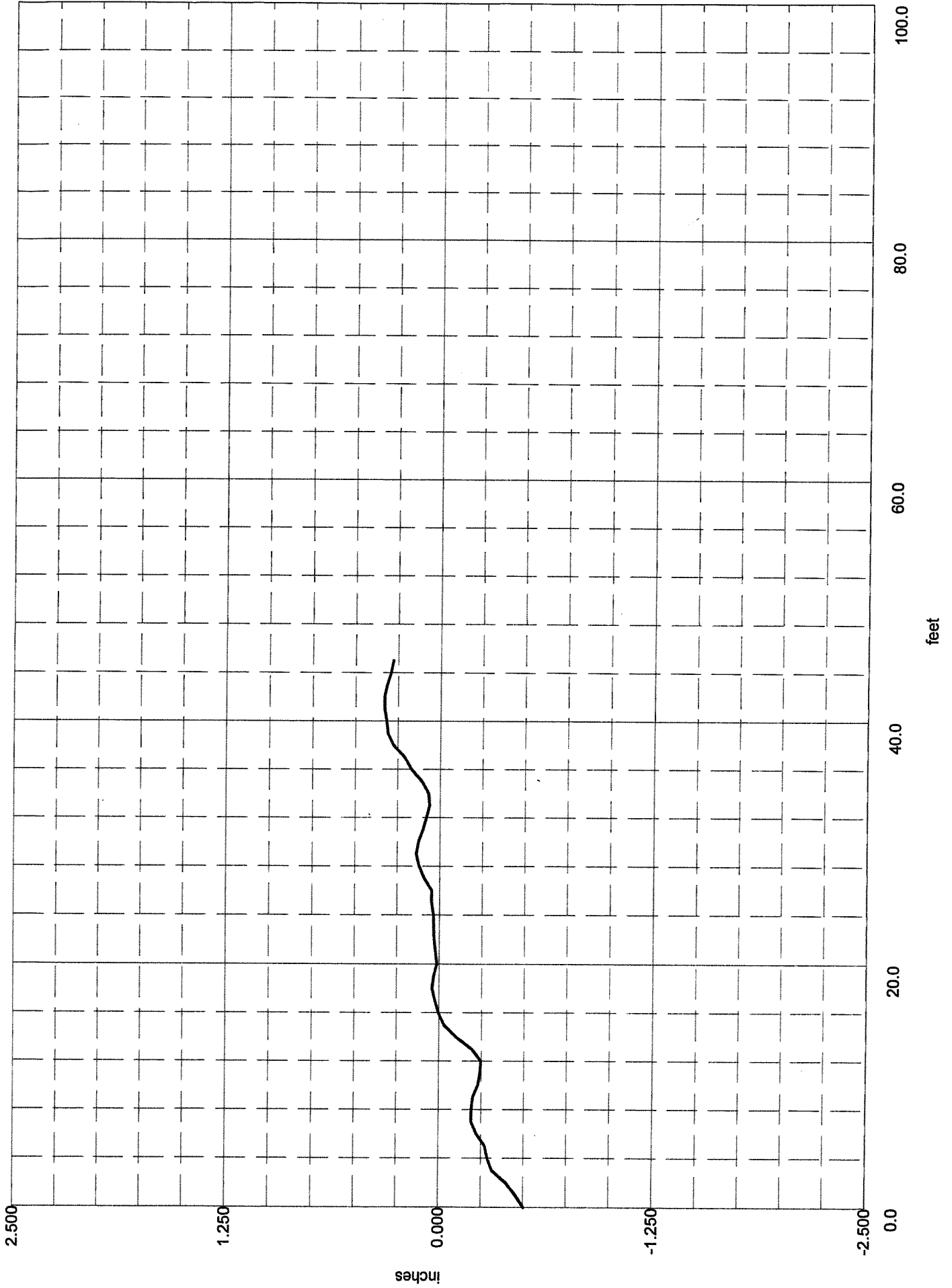
JETPORT PORTLAND8 06UP10



F-NUMBER TESTING

FF = 44.9 <36.5 - 53.3> FL = 31.5 <24.8 - 38.2>

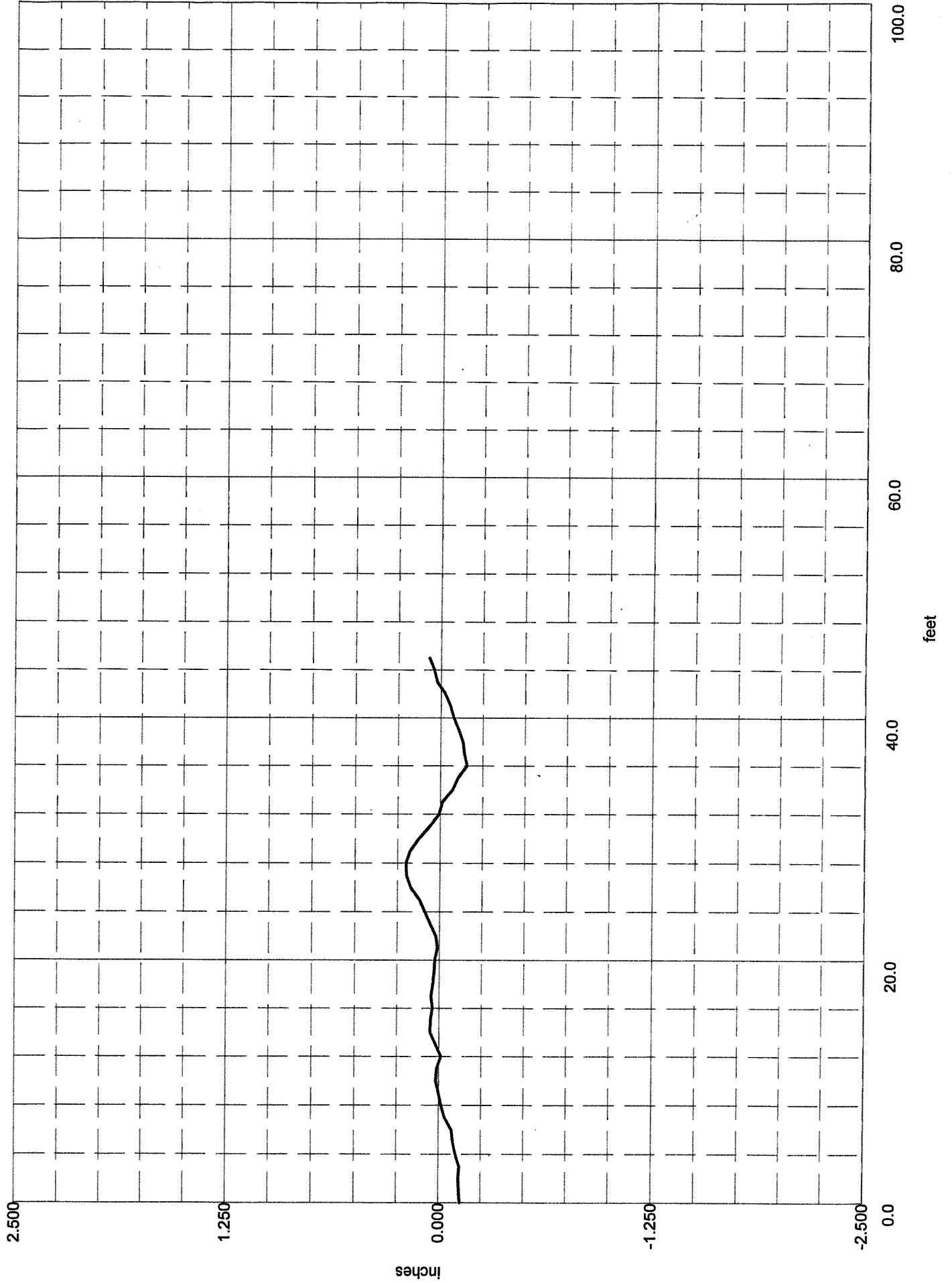
JETPORT PORTLAND8 08UP11



F-NUMBER TESTING

FF = 62.7 <51.0 - 74.4> FL = 31.4 <24.7 - 38.0>

JETPORT PORTLAND8 08UP12



F-NUMBER TESTING

FF = 63.6 <51.7 - 75.5> FL = 26.5 <20.9 - 32.1>

F - NUMBER TESTING

surface flatness/levelness

a division of Earl R. Somero & Associates, Inc.

October 20, 2010

Mr. Mathew Grady
R W Gillespie & Associates, Inc.
86 Industrial Park Road, Suite 4
Saco, ME 04072

Slab #09 (4-3, 4-4)
Level 4
Col lines XD-XF & Z6-ZA

RE: F-Number Tolerance Testing
Portland Jetport, Portland, ME

Dear Mr. Grady:

The purpose of this letter is to notify you of the F-Number test results for the above referenced slabs. The floor slabs were tested in accordance with the provisions set forth in ASTM-1155-96 and ACI 117 Standard using the DIPSTICK AUTO-READ PROFILER. This slab was placed on Wednesday, October 13, 2010, and tested on Wednesday, October 13, 2010.

SPECIFICATIONS: Floors shall conform to the following surface profile tolerances:

POLISHED FLOORS (COLORED CONCRETE) FF: 40 FL: 20

RANDOMLY TRAFFICKED FLOOR SURFACE:

Specified Overall FF Value: 25	Specified Overall FL Value: 20
Minimum Local FF Value: 17	Minimum Local FL Value: 15

TEST SECTION RESULTS FOR SLAB #09 (COLORED CONCRETE)

The overall FF value is 49.14, with a 90% Confidence Interval <47.16-51.13>
which is ABOVE the Specified Overall Value.

The overall FL value is 28.95, with a 90% Confidence Interval <27.67-30.22>
which is not enforceable on unshored elevated slabs

Mr. Mathew Grady
R W Gillespie & Associates, Inc,
Jetport, Portland, ME – Slab #09
October 20, 2010
Page 2

Individual survey lines are as follows:

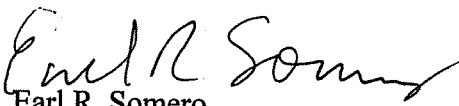
LINE #	FF #	FL #	Rdgs	LINE #	FF #	FL #	Rdgs
09ACR1	47.17	43.08	55	09UP06	44.21	29.43	55
09ACR2	45.47	29.86	55	09UP07	50.50	28.53	55
09ACR3	51.71	22.50	55	09UP08	42.16	32.90	55
09ACR4	56.31	35.82	55	09UP09	52.48	35.29	55
09ACR5	55.00	19.24	55	09UP10	52.85	37.58	55

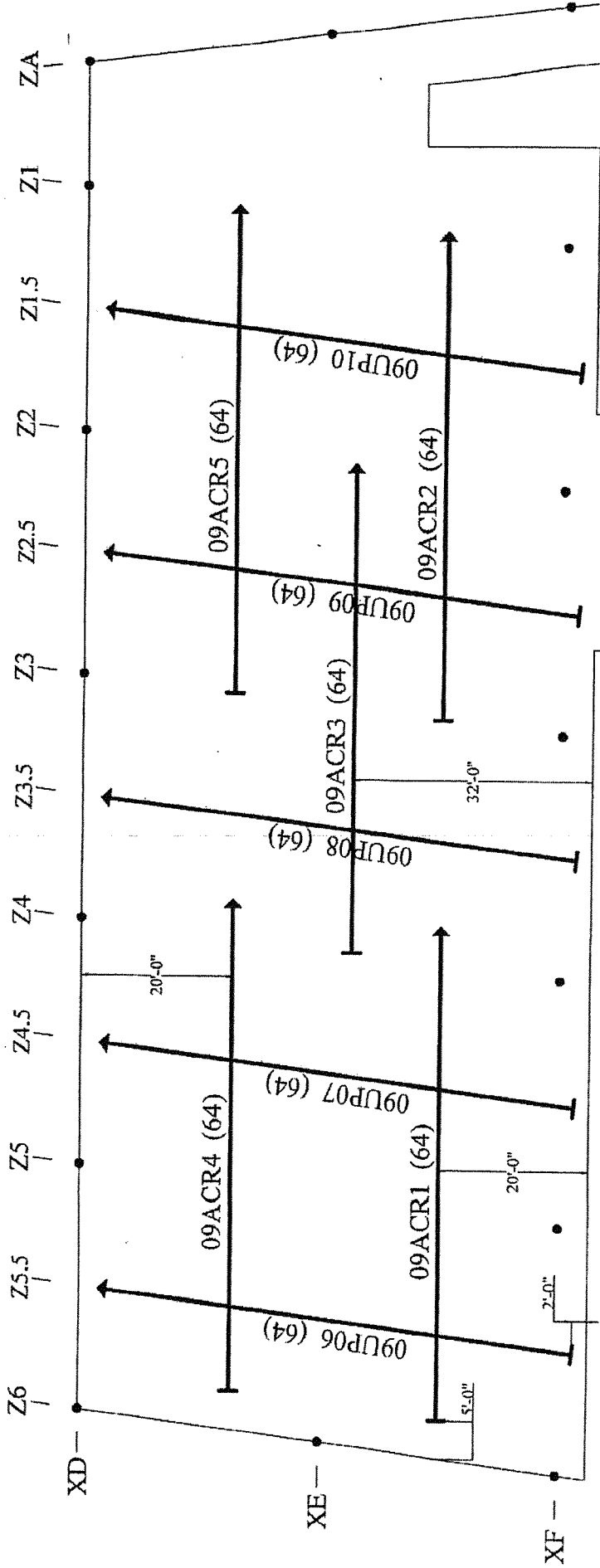
Number of Readings required: 436 Actual: 550

Please do not hesitate to call if you have any questions.

MTG

Sincerely yours,


Earl R. Somero
F-Number Testing



Level 4

JETPORT
 PORTLAND, ME
 SLAB #09

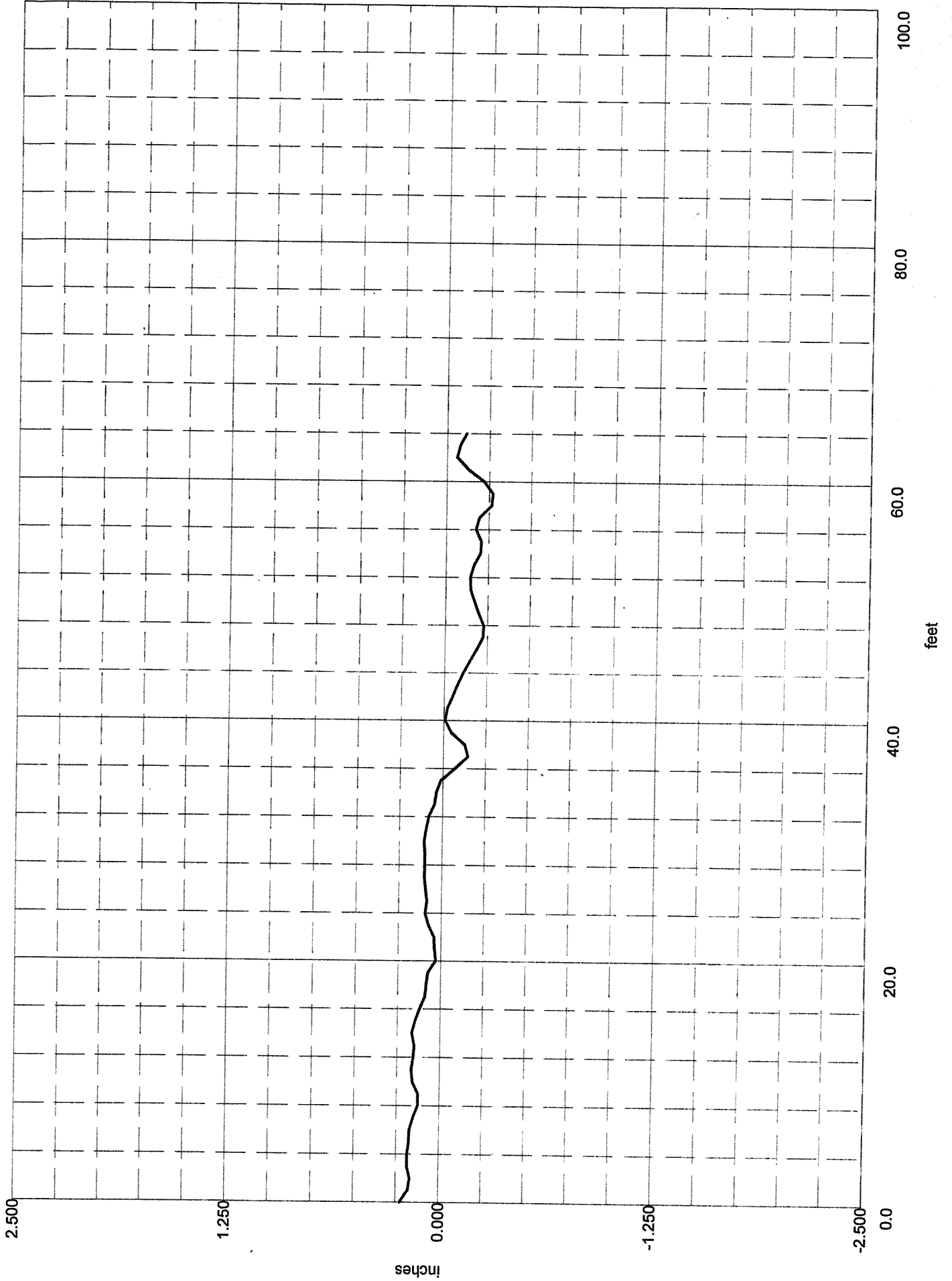
LEVEL 4, 4-314-4, WHITE

Earl R. Somerc

F-NUMBER TESTING

P O Box 486 New Ipswich, NH 03071
 603-878-1634

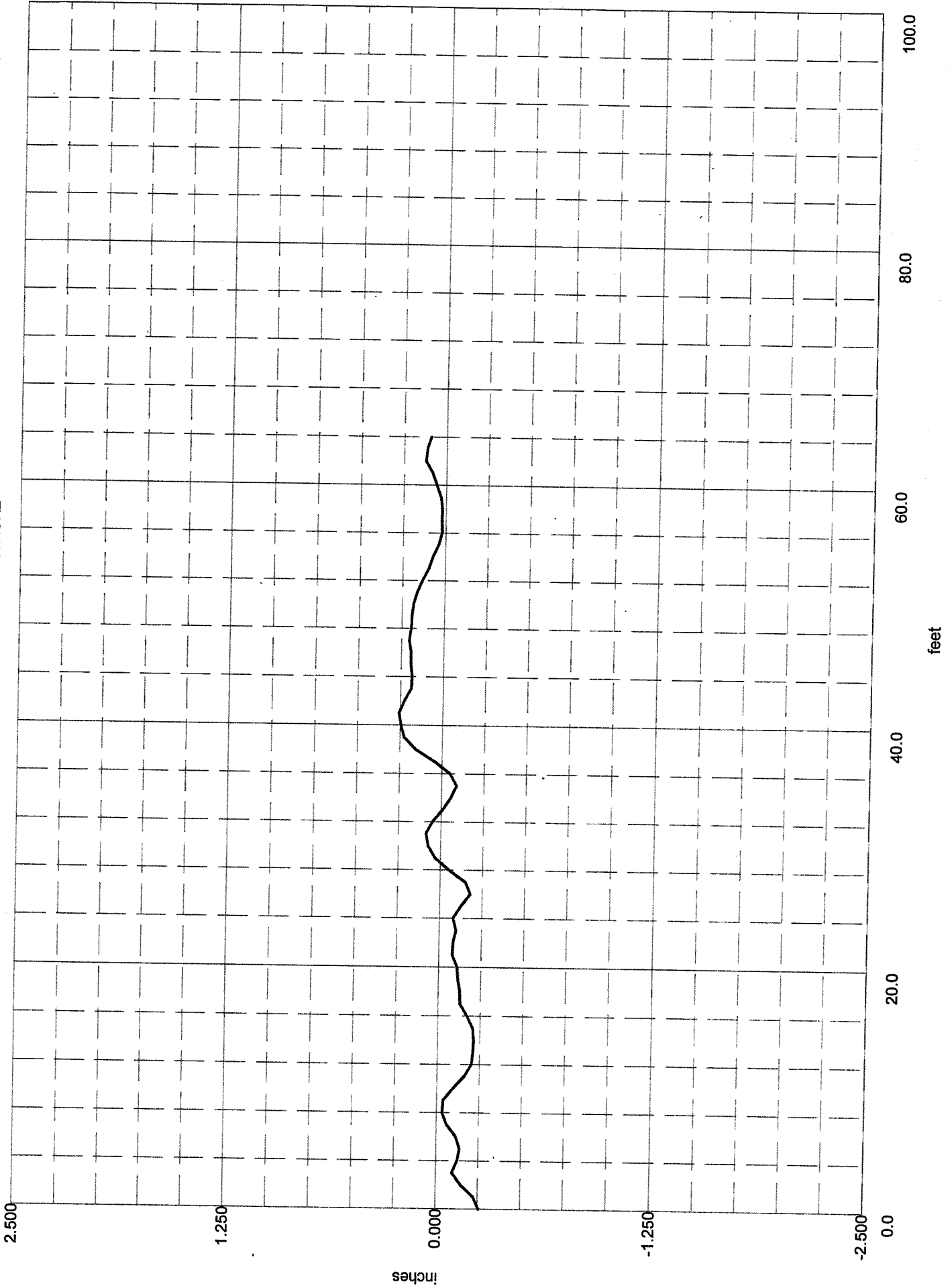
JETPORT PORTLAND9 09ACR1



F-NUMBER TESTING

FF = 47.2 <39.8 - 54.5> FL = 43.1 <35.7 - 50.4>

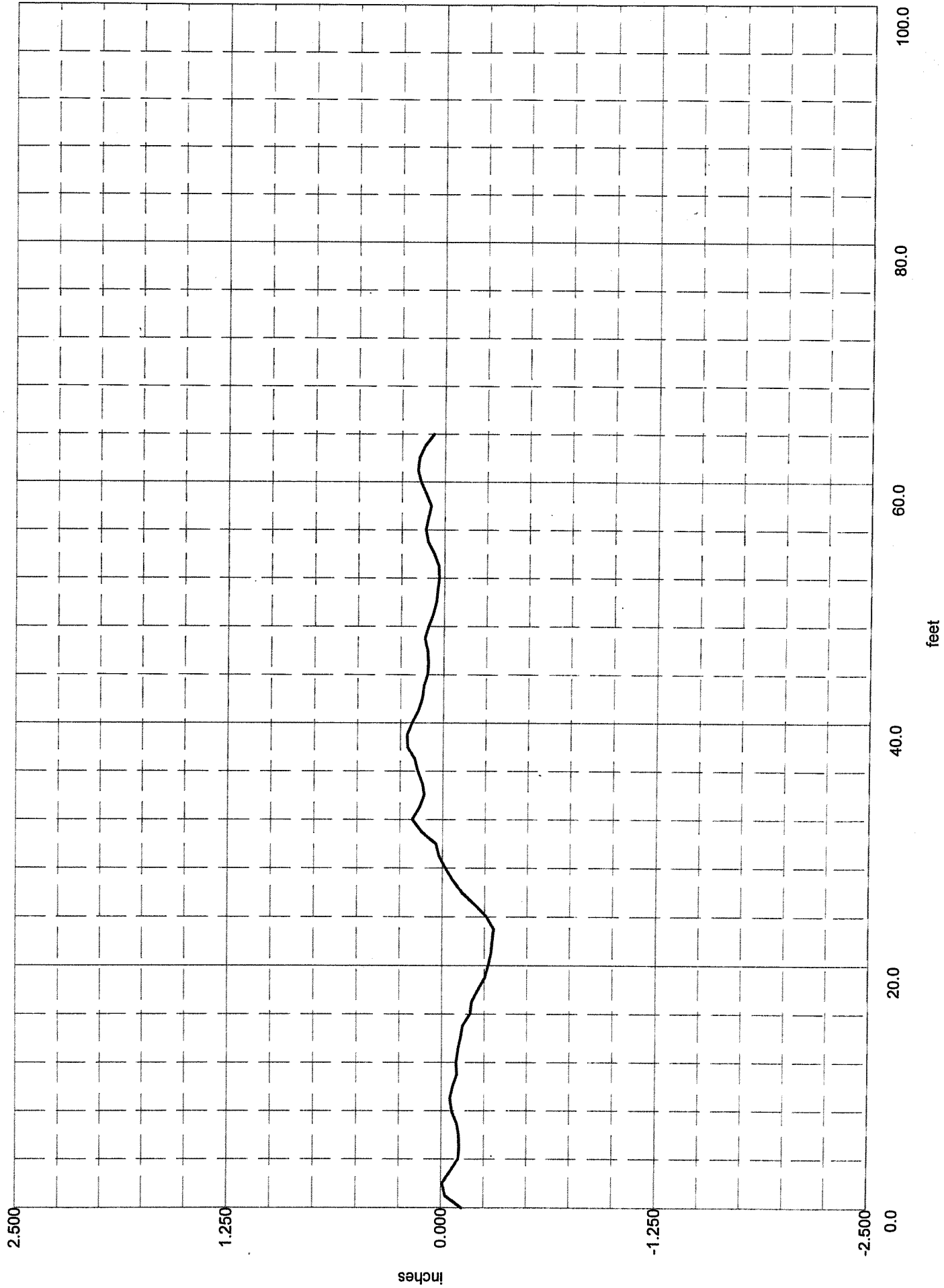
JETPORT PORTLAND9 09ACR2



F-NUMBER TESTING

FF = 45.5 <38.4 - 52.6> FL = 29.9 <24.8 - 34.9>

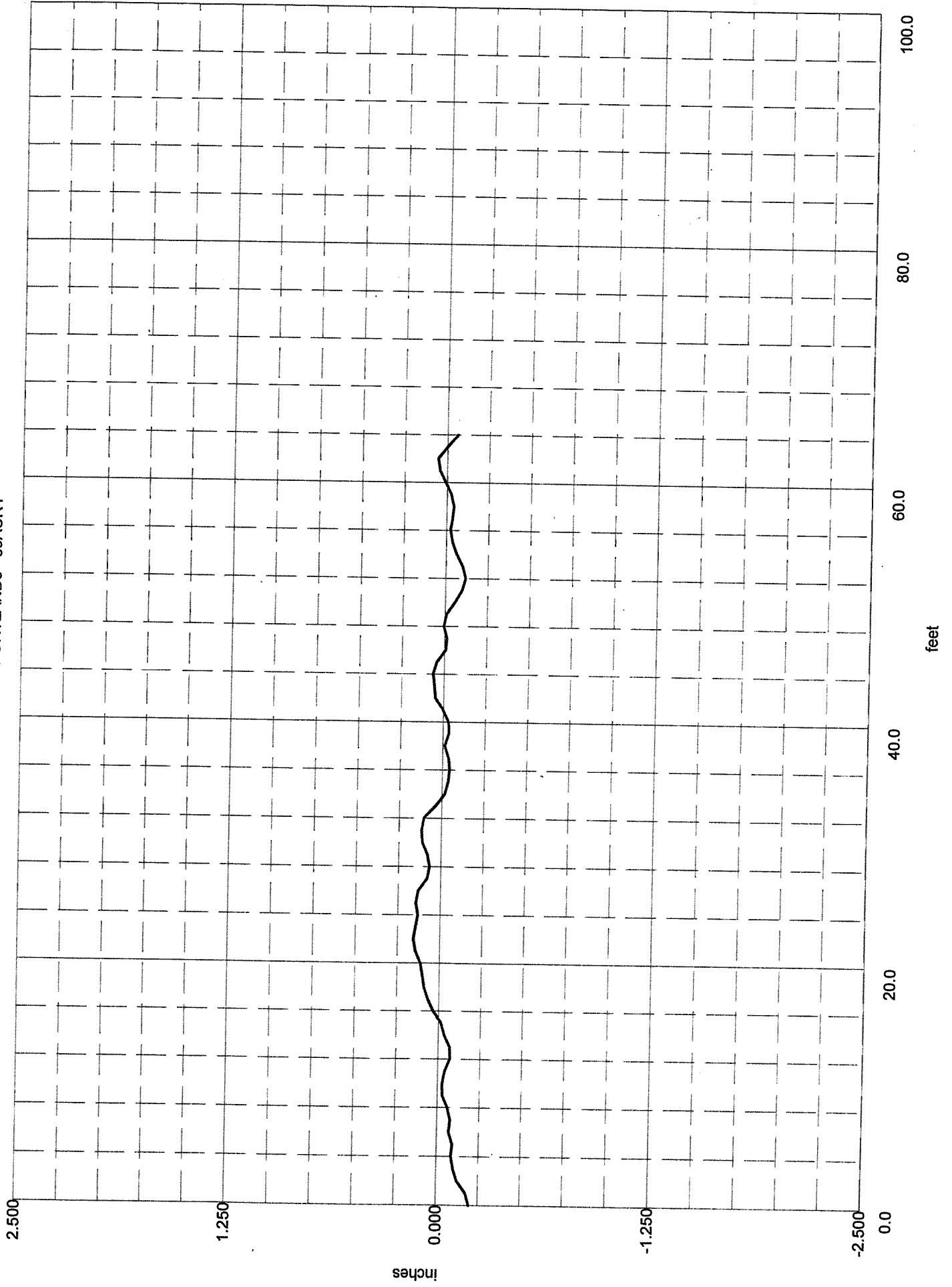
JETPORT PORTLAND9 09ACR3



F-NUMBER TESTING

FF = 51.7 <43.7 - 59.8> FL = 22.5 <18.7 - 26.3>

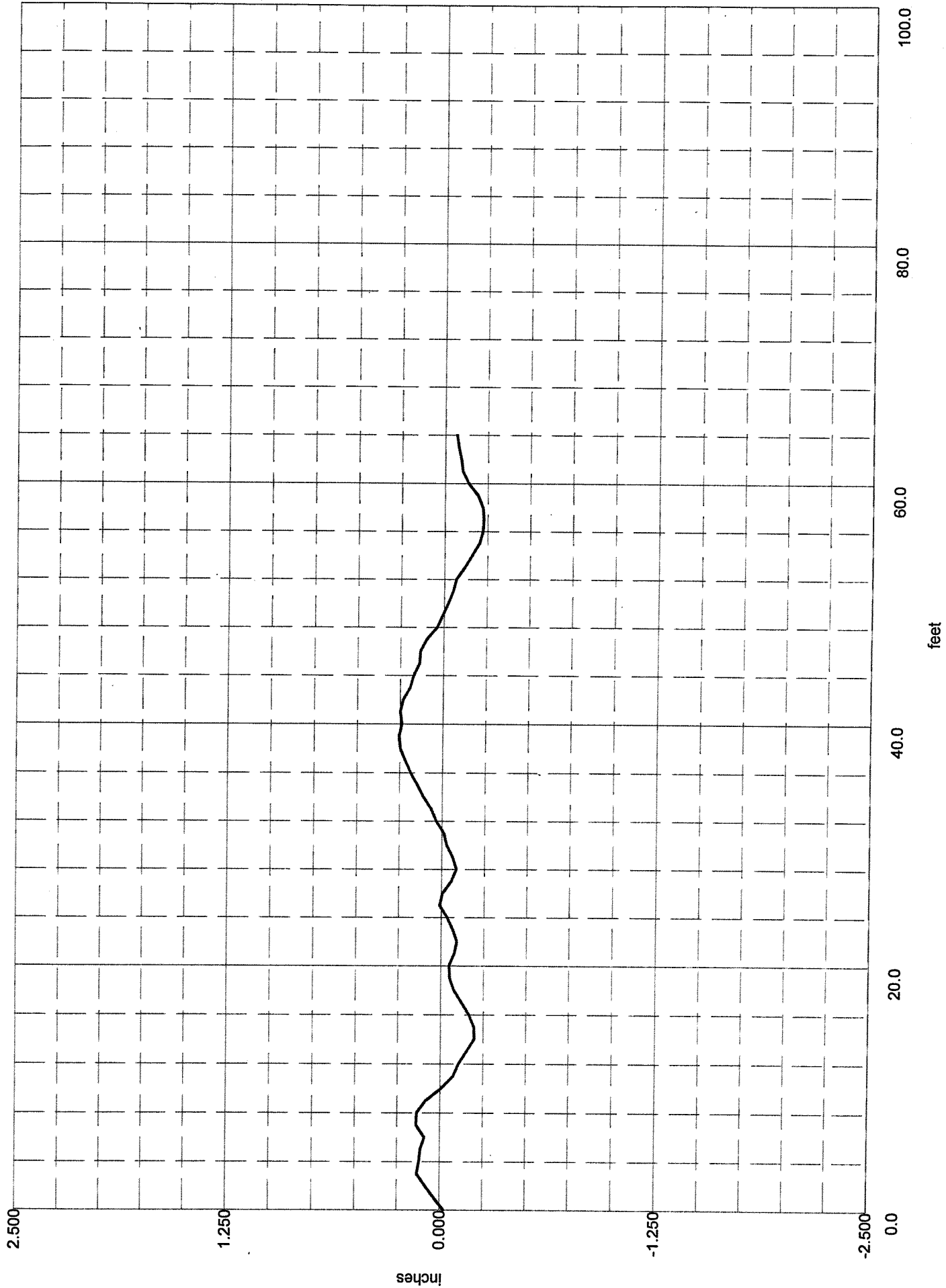
JETPORT PORTLAND9 09ACR4



F-NUMBER TESTING

FF = 56.3 <47.5 - 65.1> FL = 35.8 <29.7 - 41.9>

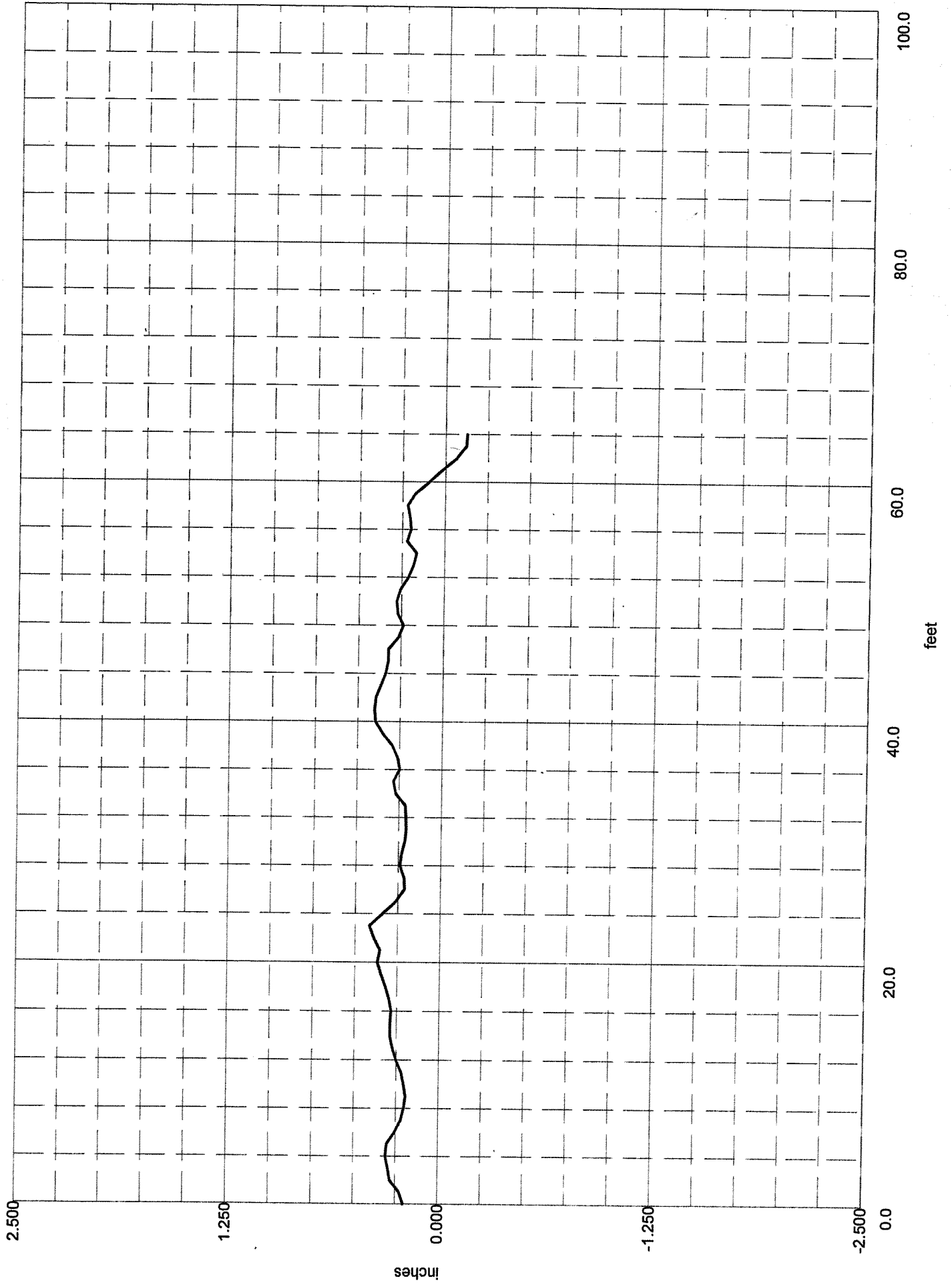
JETPORT PORTLAND9 09ACR5



F-NUMBER TESTING

FF = 55.0 <46.4 - 63.6> FL = 19.2 <16.0 - 22.5>

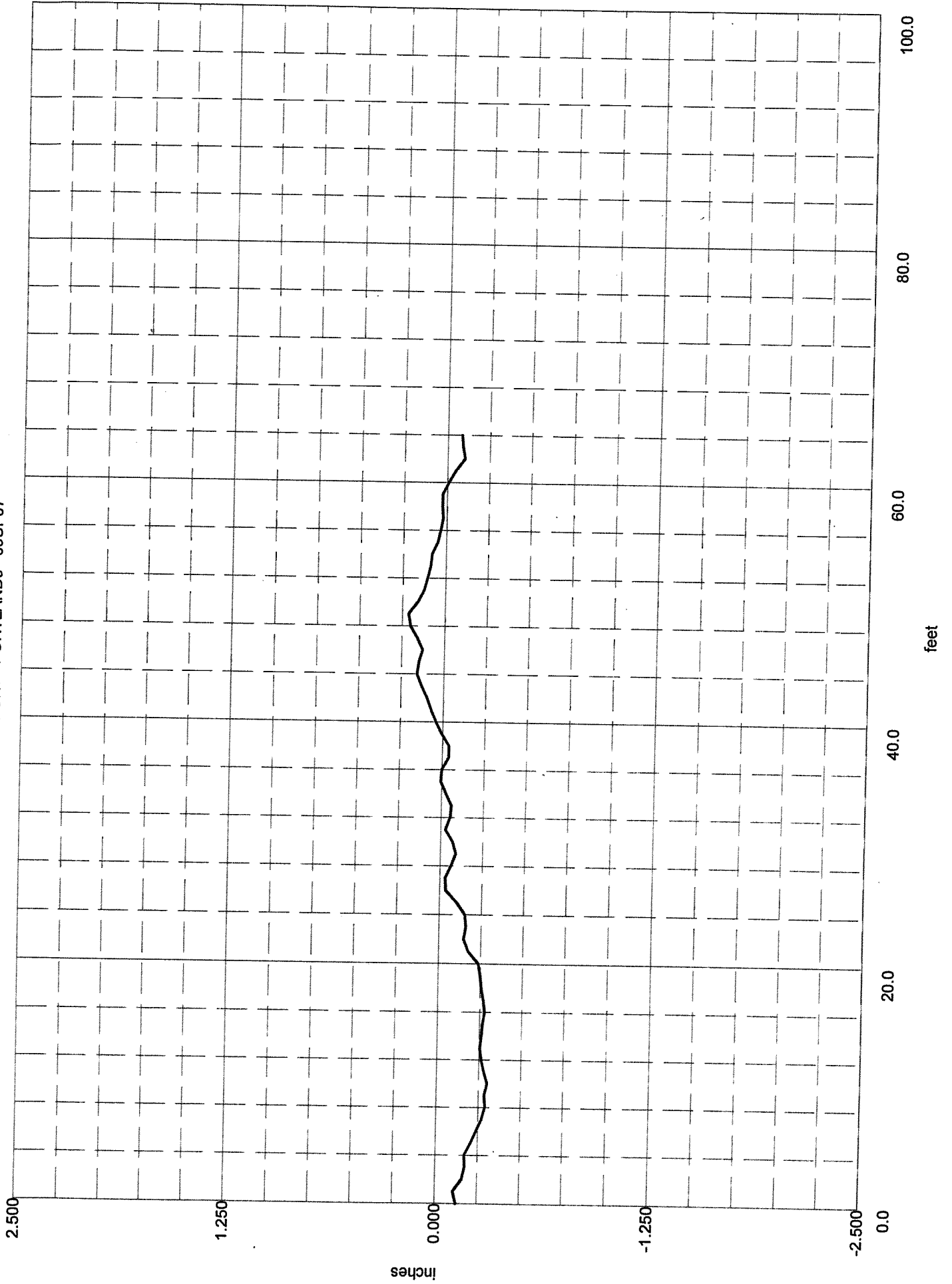
JETPORT PORTLAND9 09UP06



F-NUMBER TESTING

FF = 44.2 <37.3 - 51.1> FL = 29.4 <24.4 - 34.4>

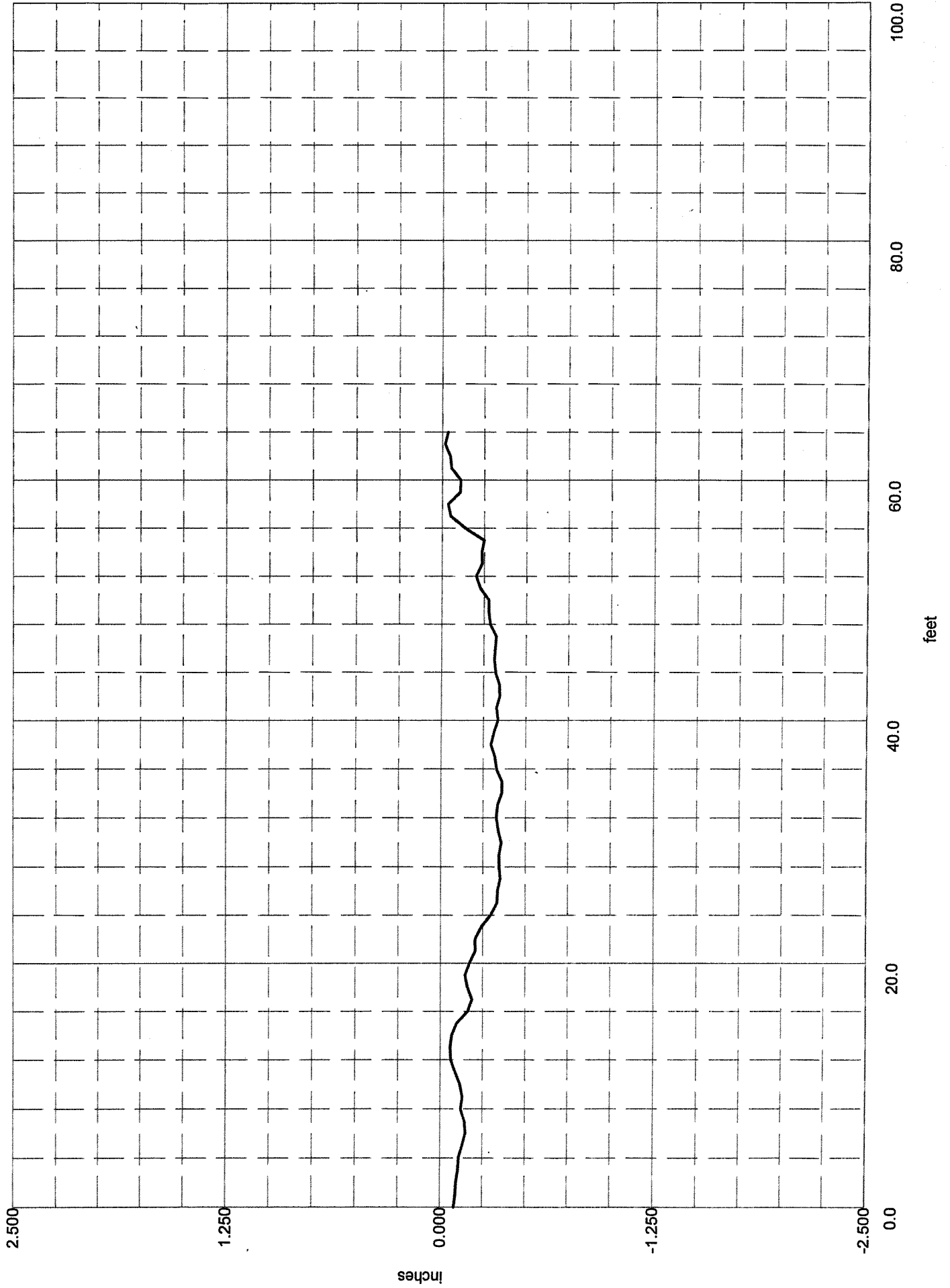
JETPORT PORTLAND9 09UP07



FF = 50.5 <42.6 - 58.4> FL = 28.5 <23.7 - 33.4>

F-NUMBER TESTING

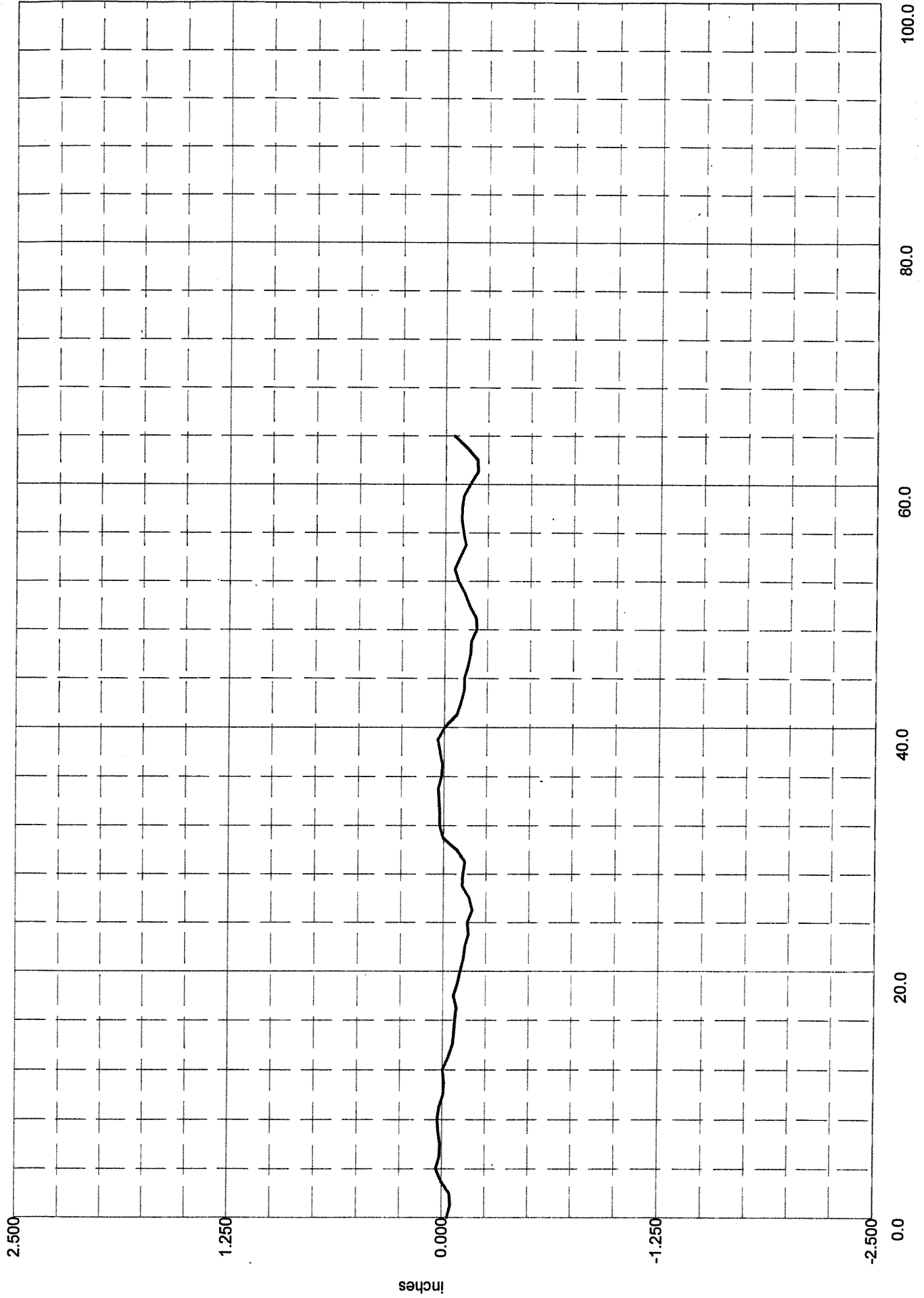
JETPORT PORTLAND9 09UP08



F-NUMBER TESTING

FF = 42.2 <35.6 - 48.7> FL = 32.9 <27.3 - 38.5>

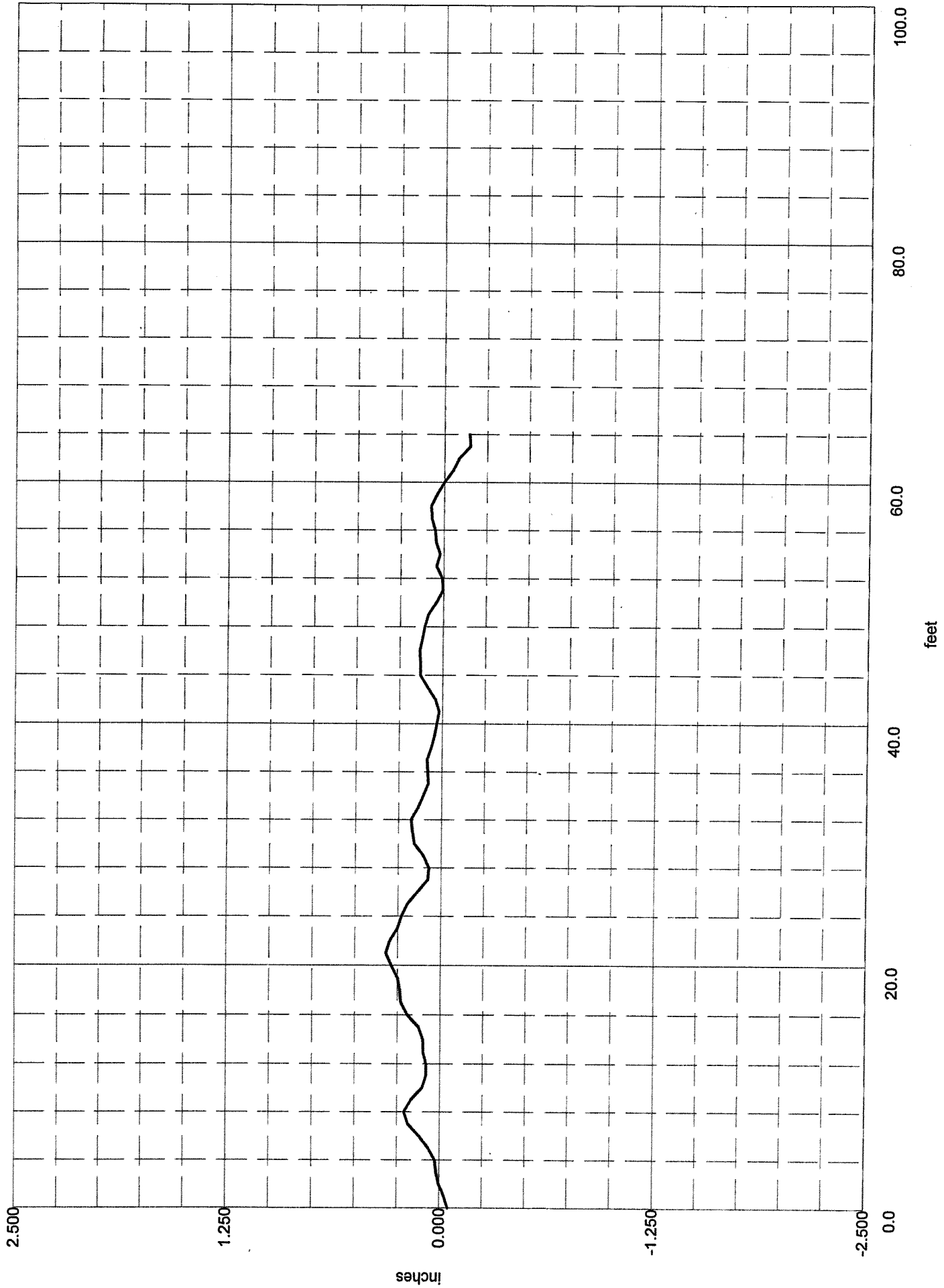
JETPORT PORTLAND9 09UP09



F-NUMBER TESTING

FF = 52.5 <44.3 - 60.6> FI = 35.3 <29.3 - 41.3>

JETPORT PORTLAND9 09UP10



F-NUMBER TESTING

FF = 52.9 <44.6 - 61.1> FL = 37.6 <31.2 - 44.0>