

**B-2**

**JOINT VENTURE  
TEAM/GAINES**

**APPENDIX C (DRAFT 1)**

5-8  
ЧИТИНГ ТУНО  
ЗАИДЭМЭГТ  
(ЧИДО) ЭЖИЛЭХ

KA2X

BaseHF

Date and time: Mon May 14 15:49:06 2001

Recordings: E:\micromodel\zhongwei\Andy\KA2X\baseHF\bmp\ka2x-base\_HF-#3.bmp  
To 199.bmp

Flow type: One phase flow

Phase type:

Recording type: Single exposure

Algorithm: Correlation with FFT

Image size [pixels]: 693 x 223

Interrogation Window [pixels]: 32 x 32

Interrogation Grid [pixels]: 8 x 8

Image/object ratio [pixels/m]: 673

Time interval [microsecond]: 33333

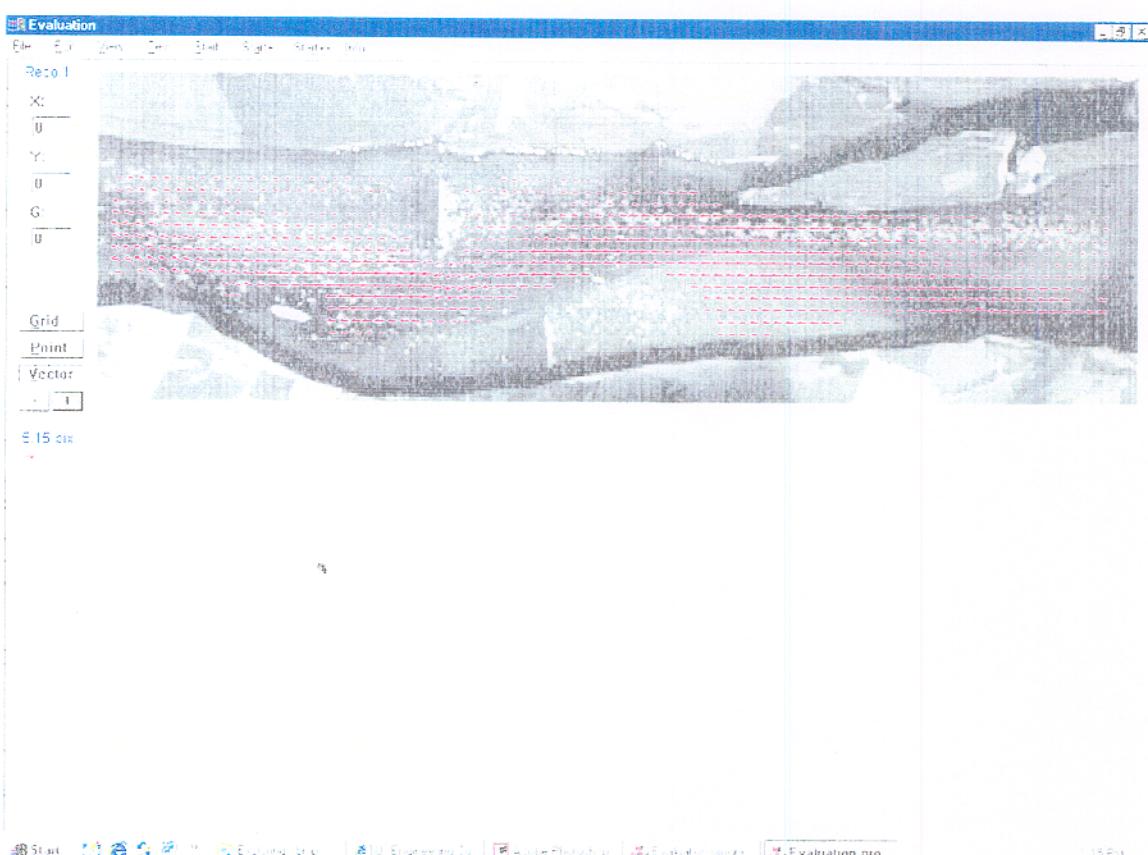
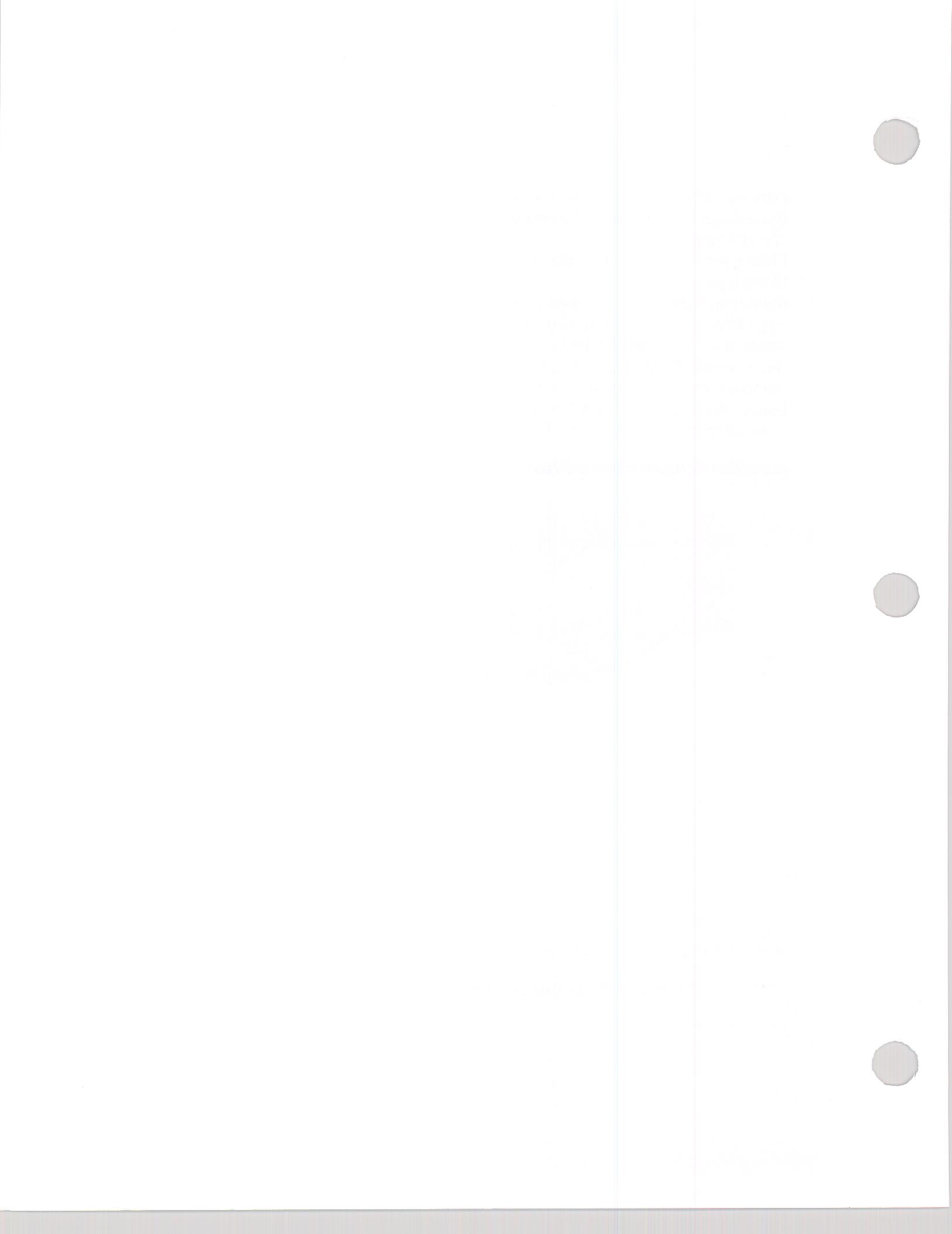


Figure C-1 Kate-Aubrey 1:8000 LSPIV for High Flow Condition



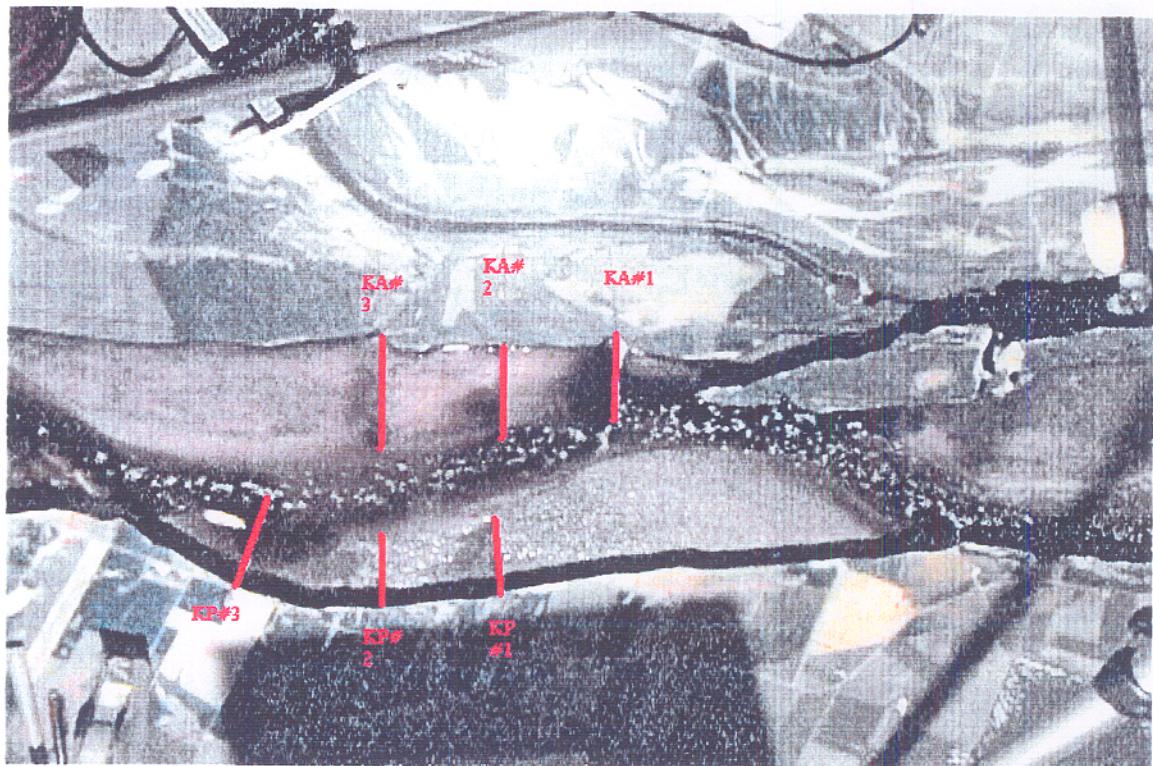
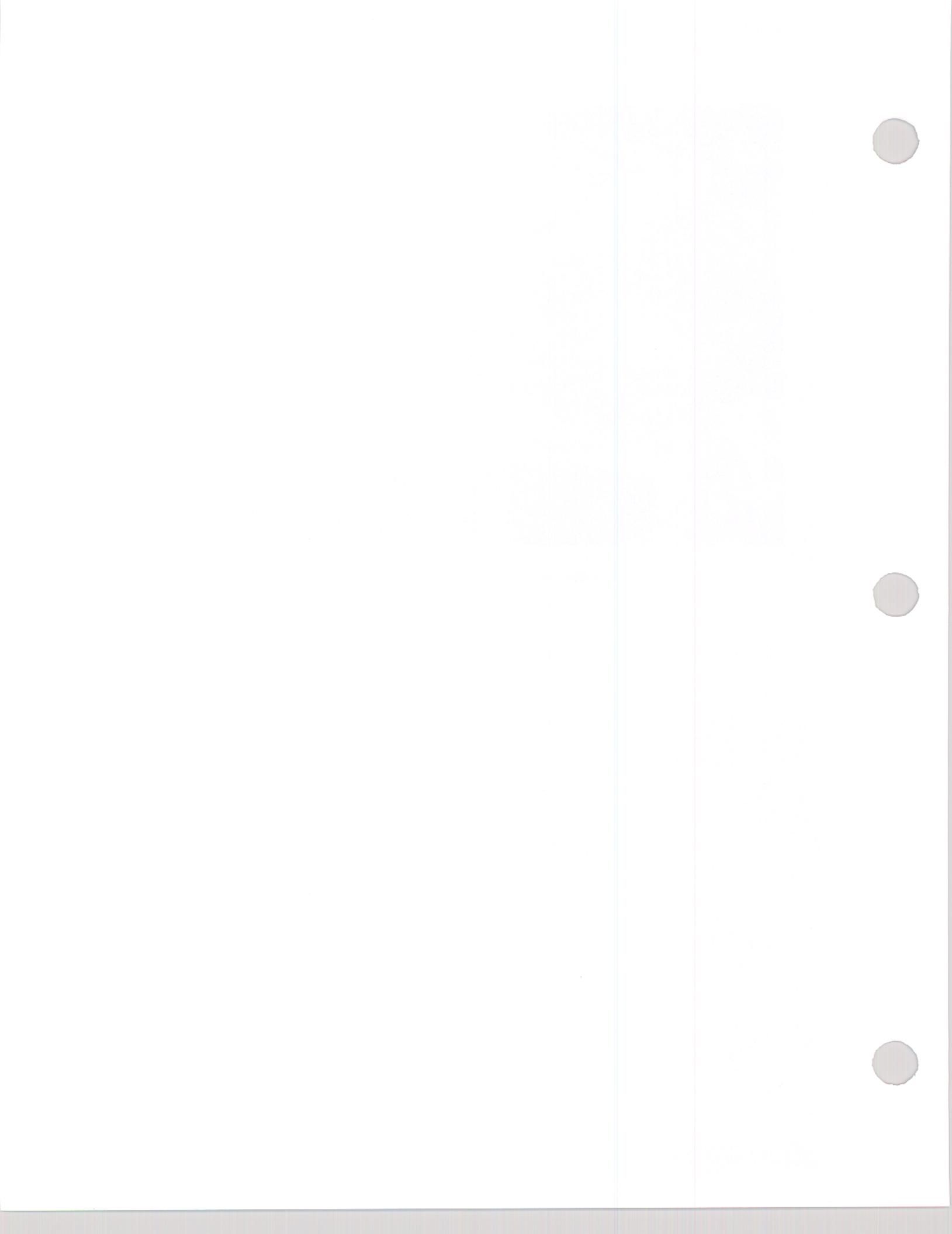


Figure C-5 Kate-Aubrey 1:8000 LSPIV for Low Flow Condition



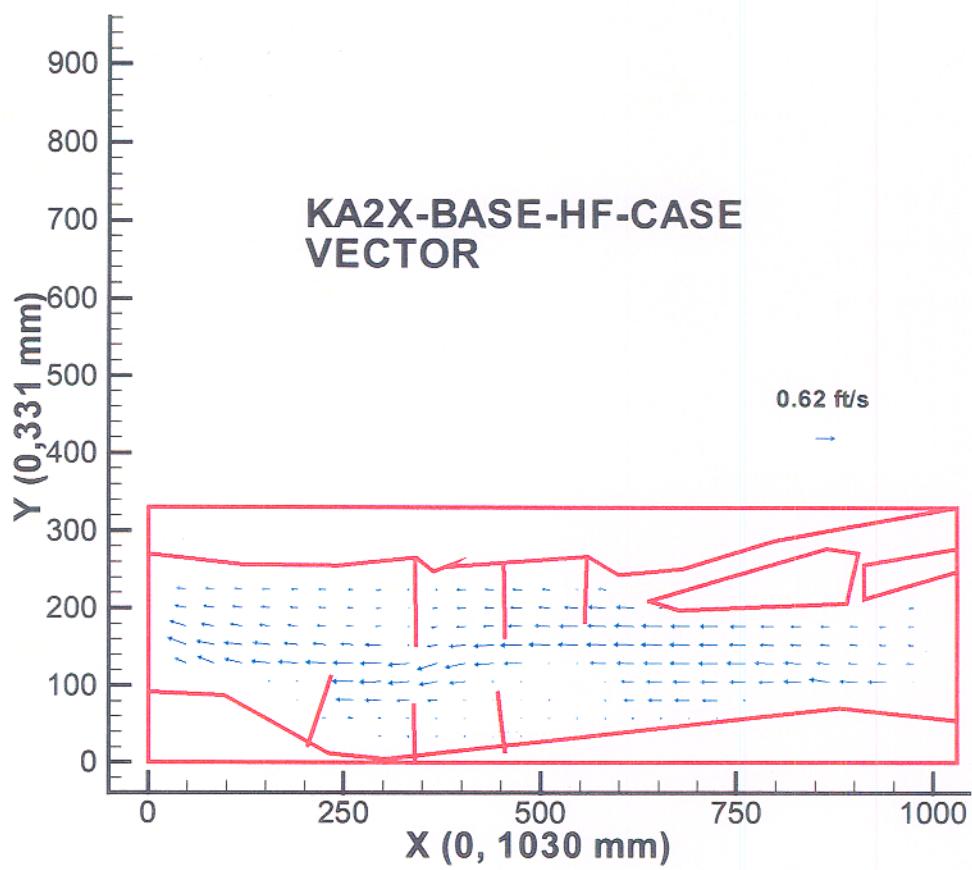
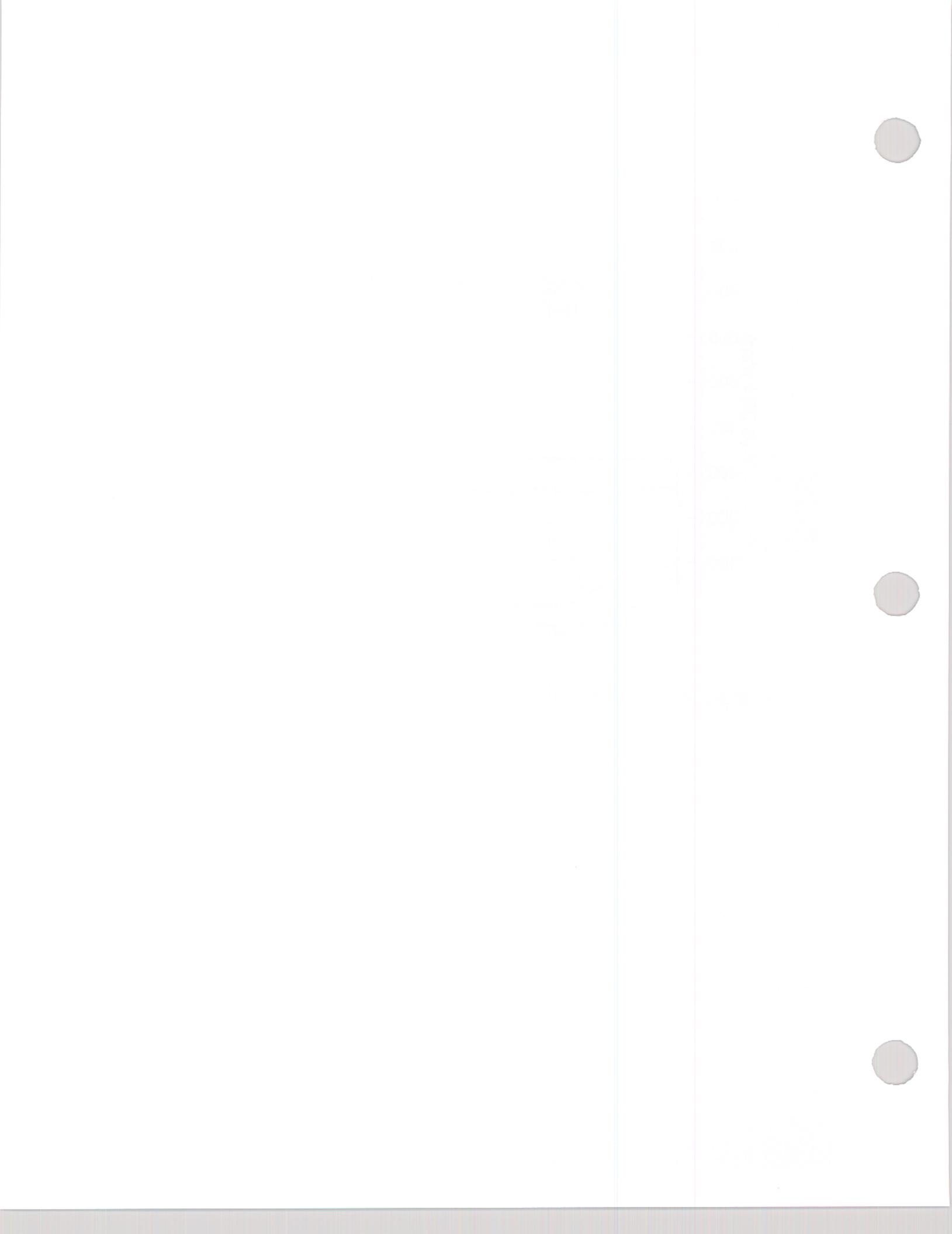


Figure C-2 Vector Plots for Kate-Aubrey 1:8000 LSPIV High Flow Condition



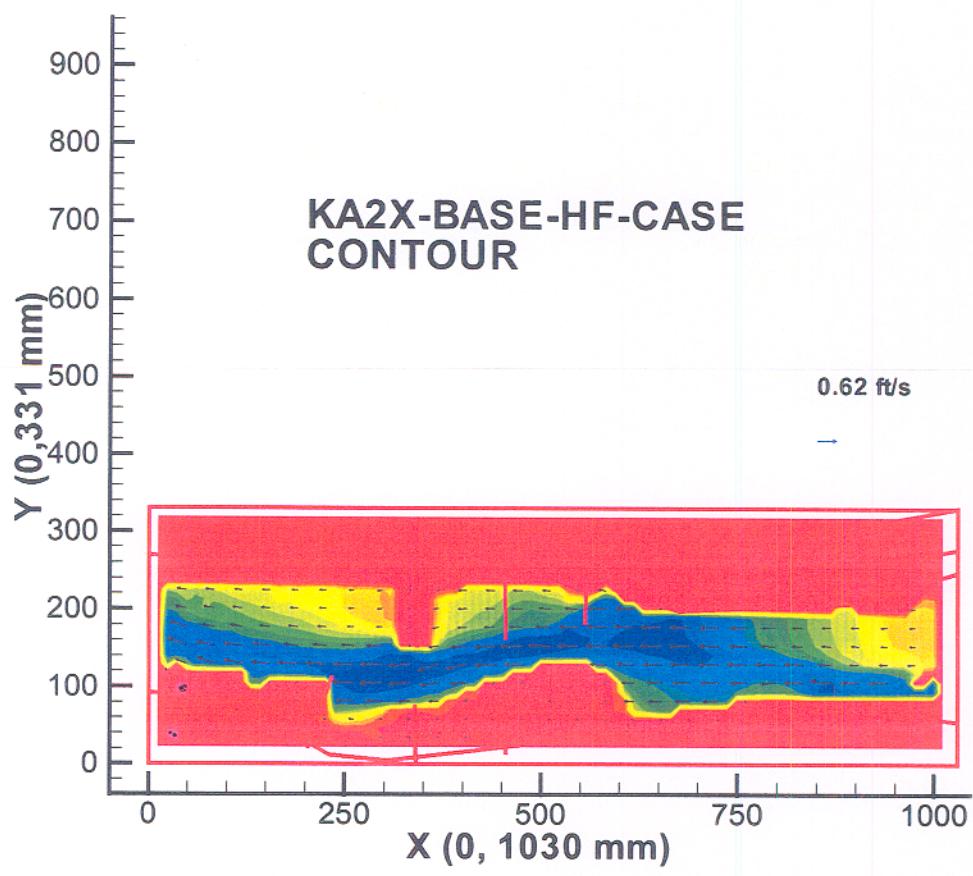


Figure C-4 Velocity Contour Plot for Kate-Aubrey 1:8000 LSPIV High Flow Condition



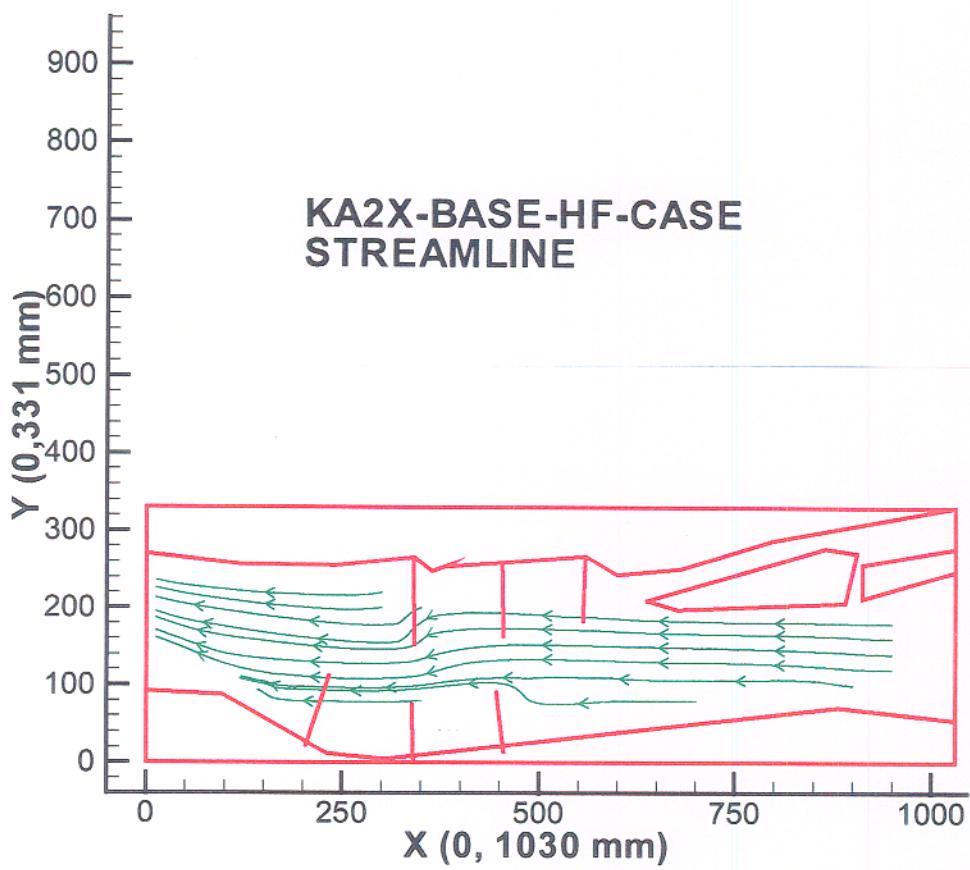
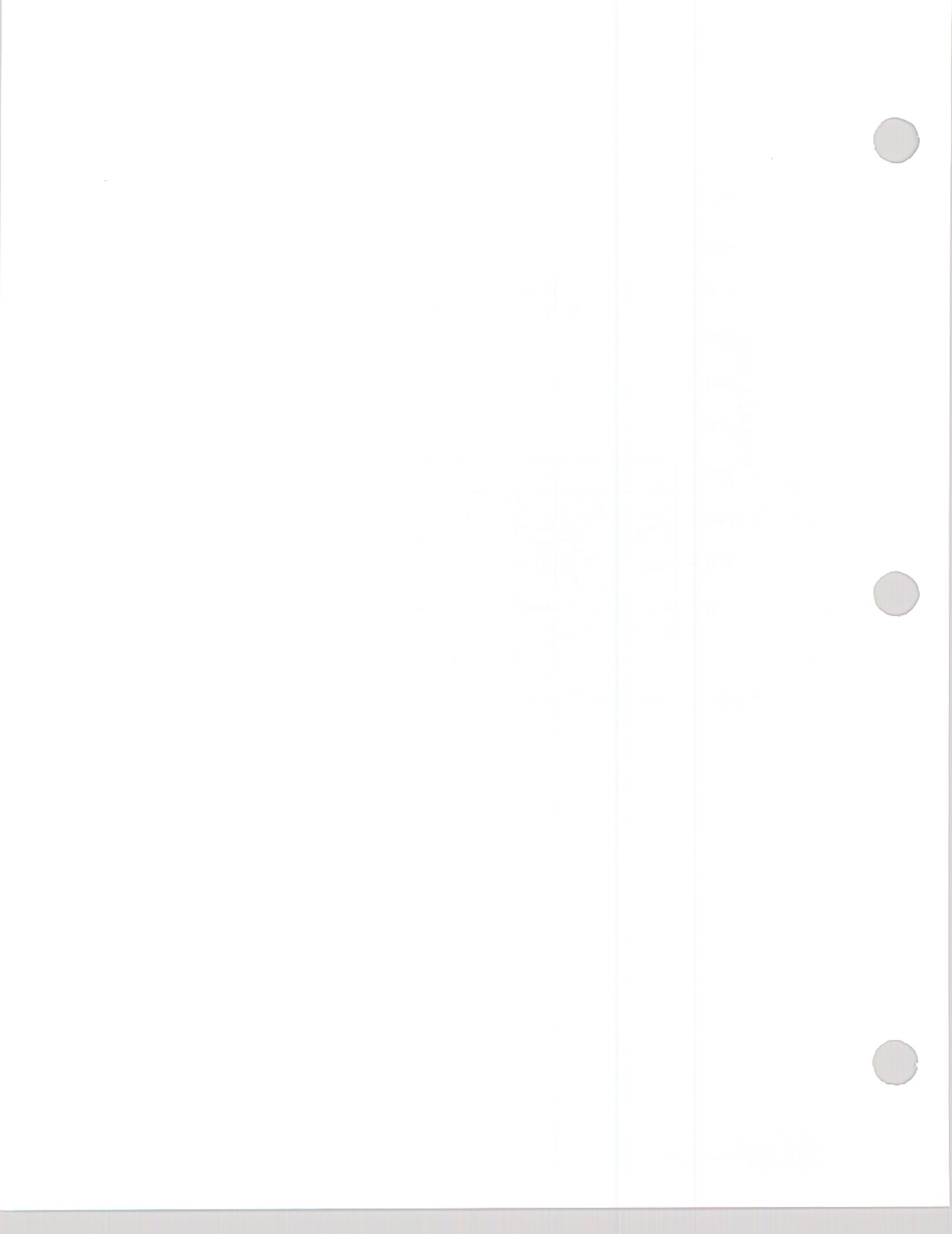
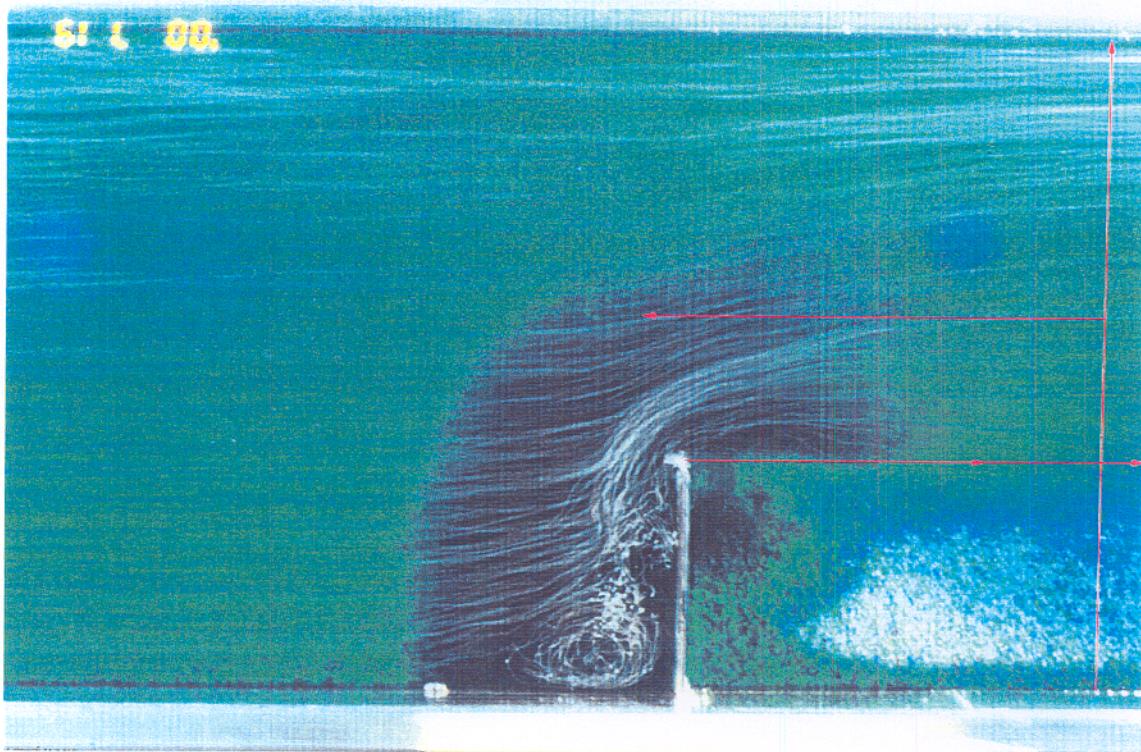
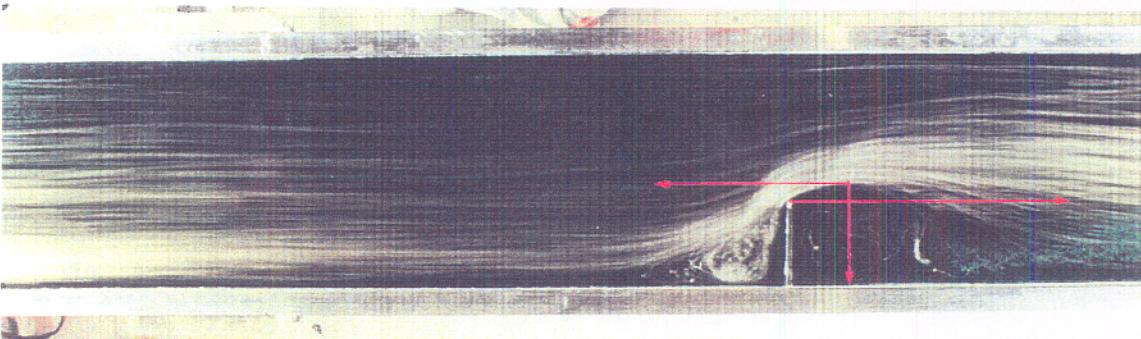


Figure C-3 Streamline Plots for Kate-Aubrey 1:8000 LSPIV High Flow Condition

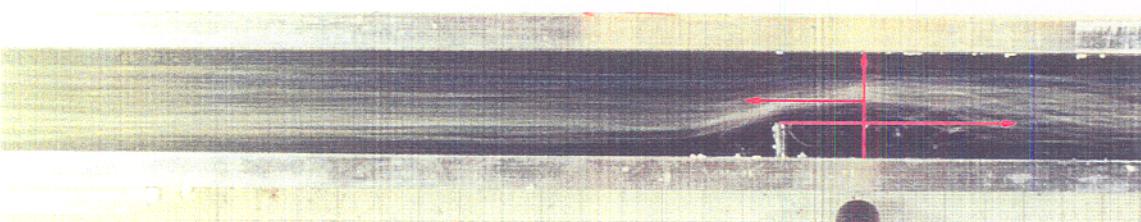




(a)

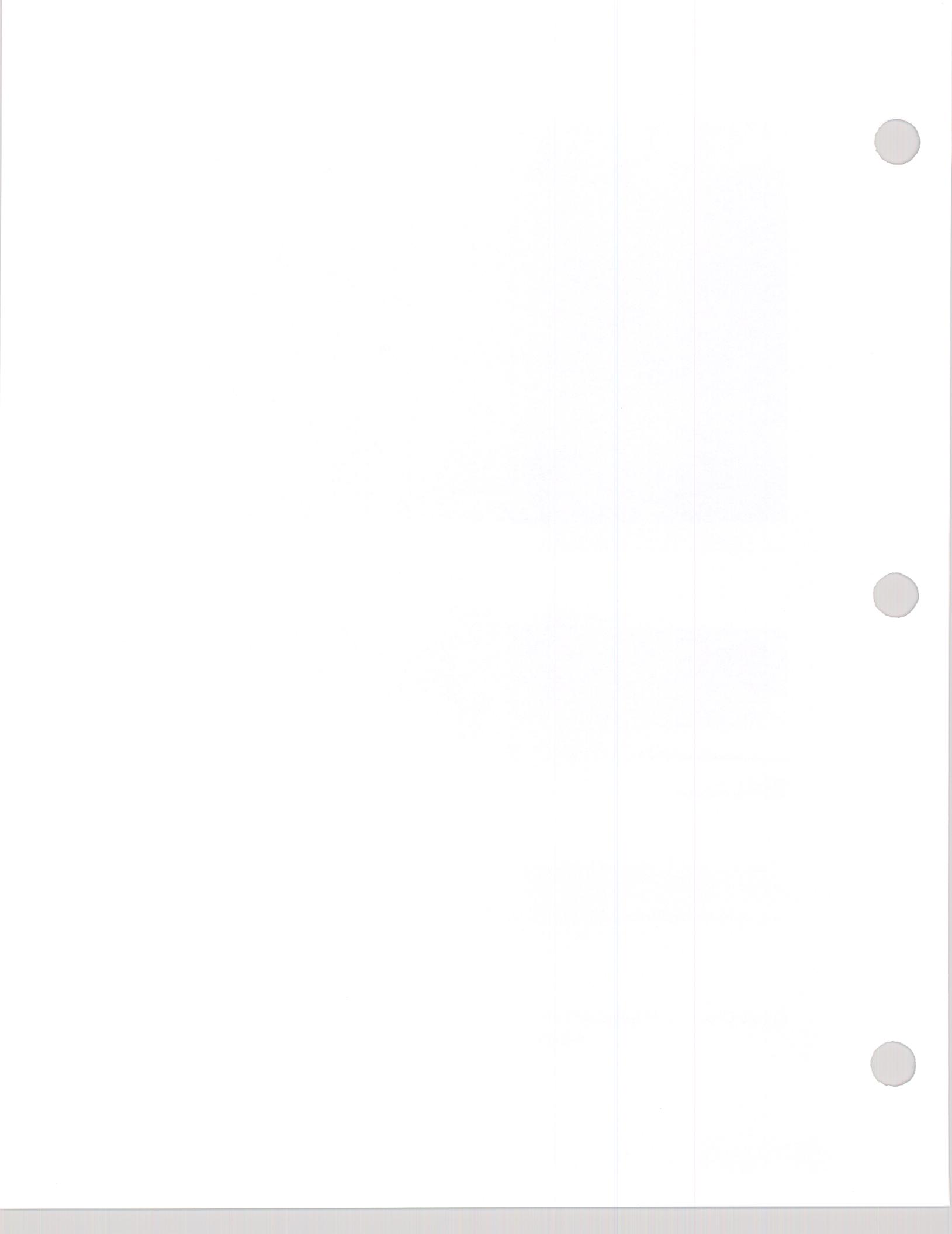


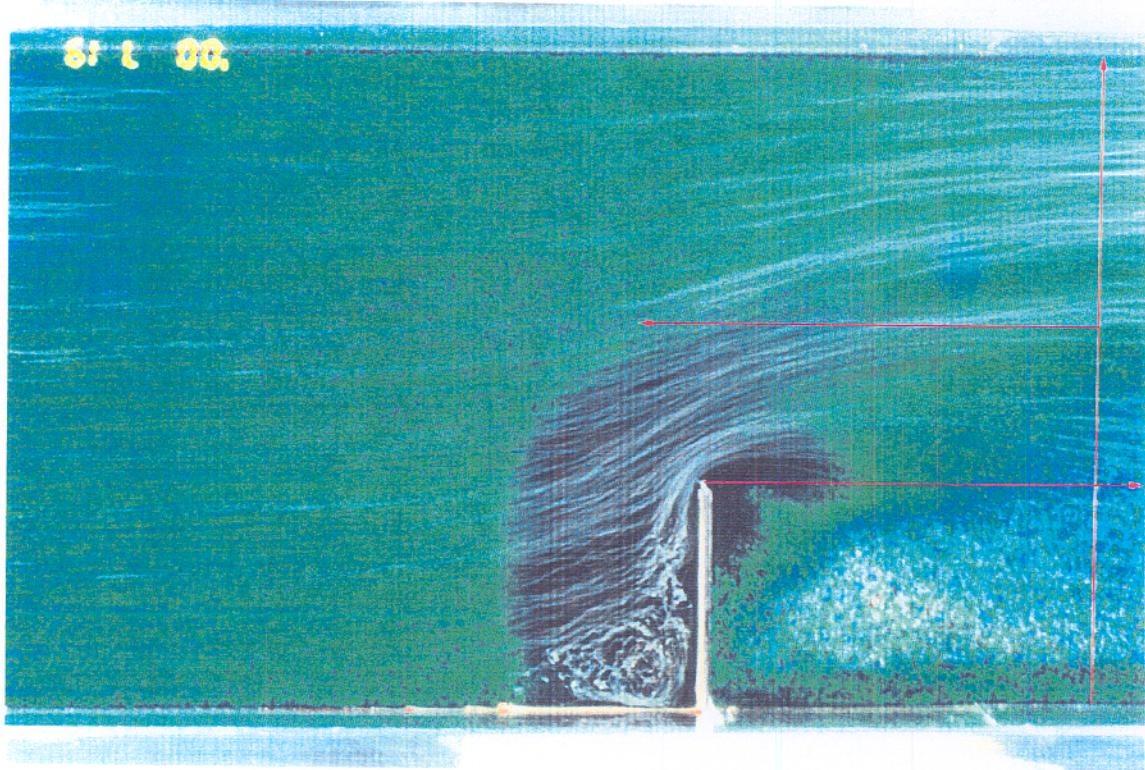
(b)



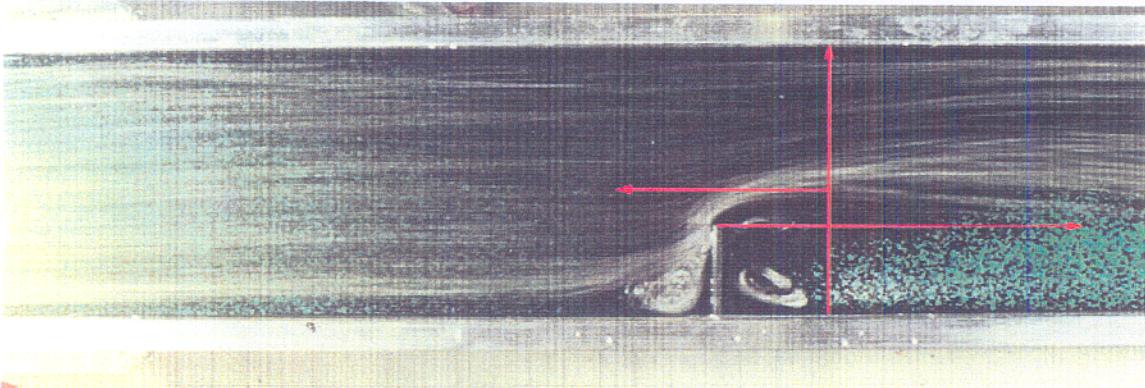
(c)

Figure C-6 LSPIV Imagery/Time Lapse Photographs of Run 1013, (a) 12-inch flume, (b) 6-inch flume, and (c) 2-inch flume.

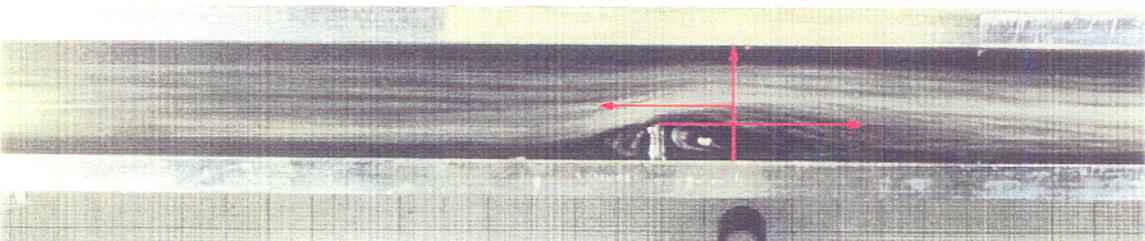




(a)



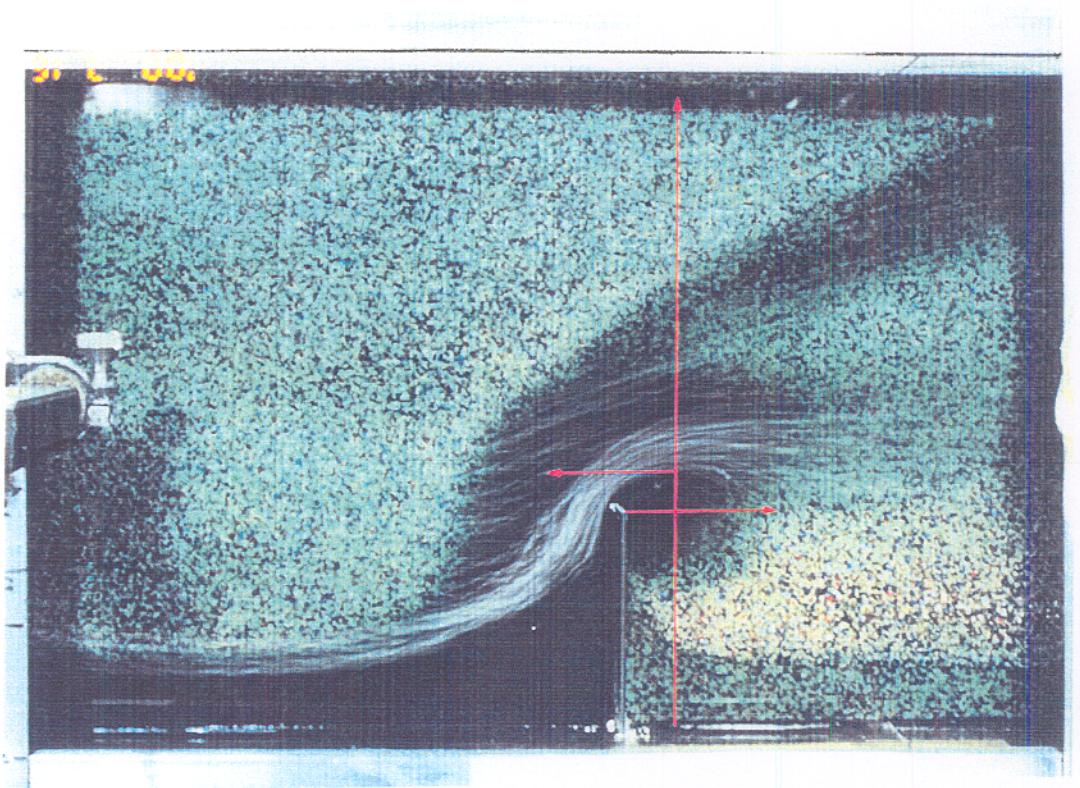
(b)



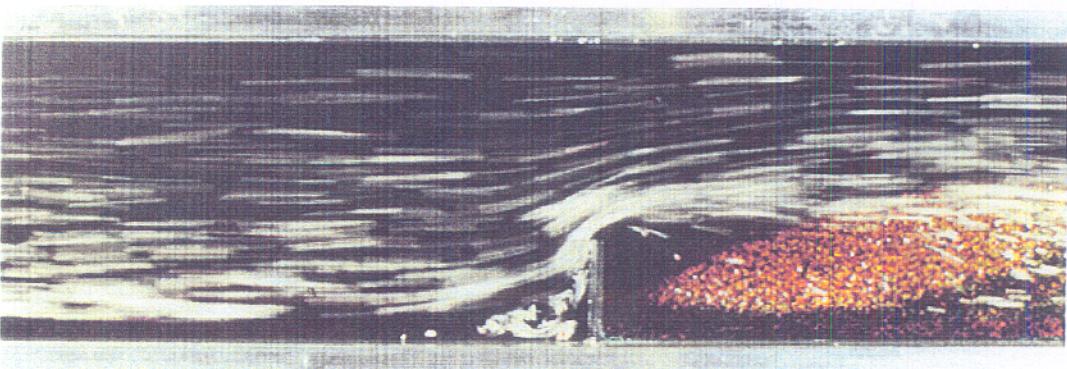
(c)

Figure C-7 LSPIV Imagery/Time Lapse Photographs of Run 1014, (a) 12-inch flume, (b) 6-inch flume, and (c) 2-inch flume.

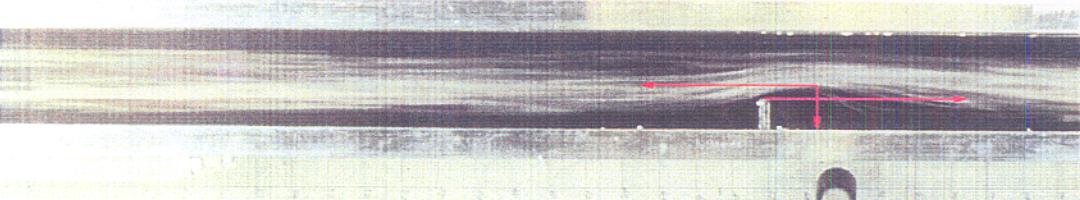




(a)

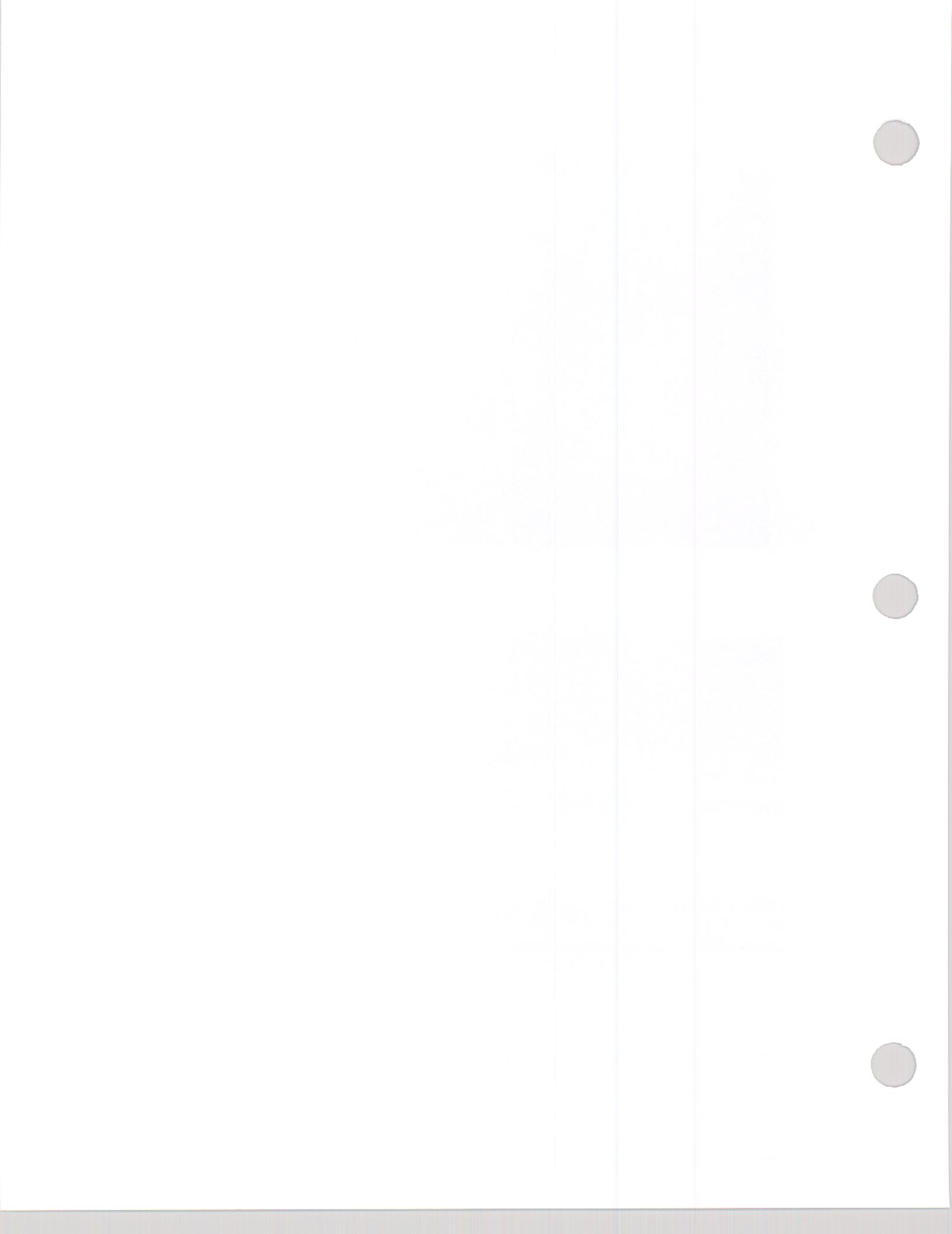


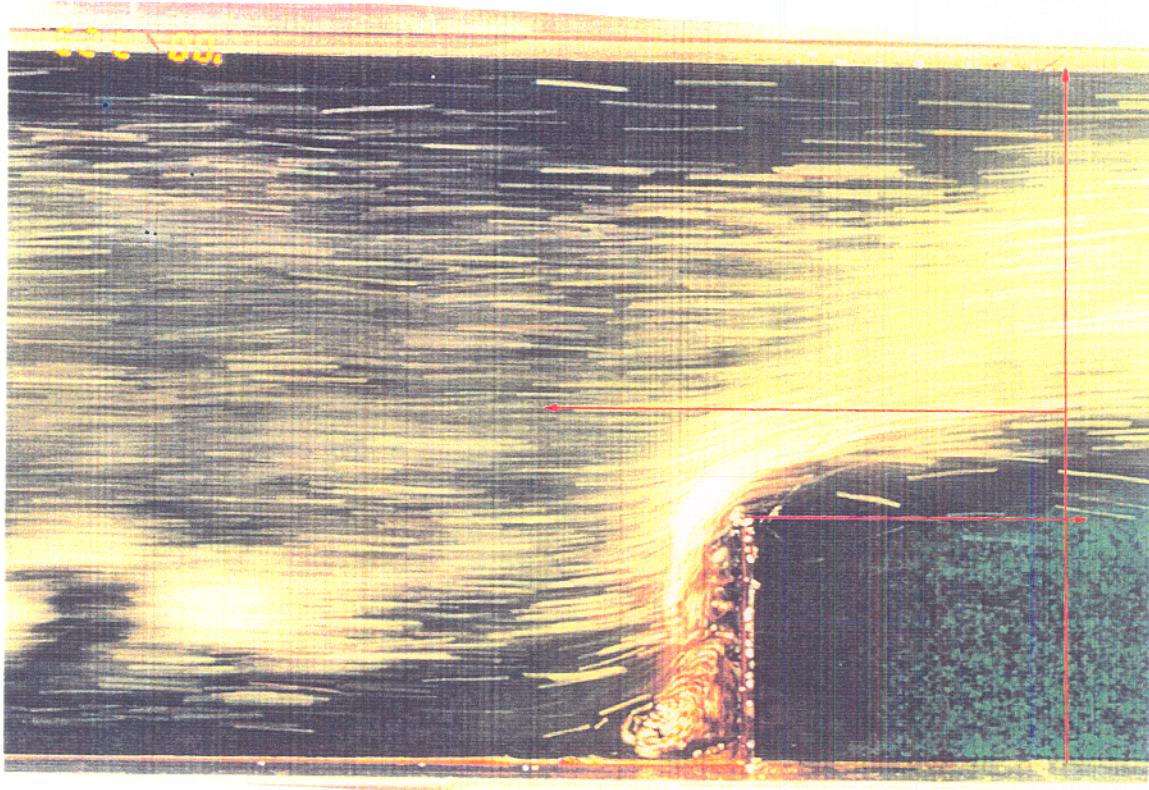
(b)



(c)

Figure C-8 LSPIV Imagery/Time Lapse Photographs of Run 1015, (a) 12-inch flume, (b) 6-inch flume, and (c) 2-inch flume.





(a)



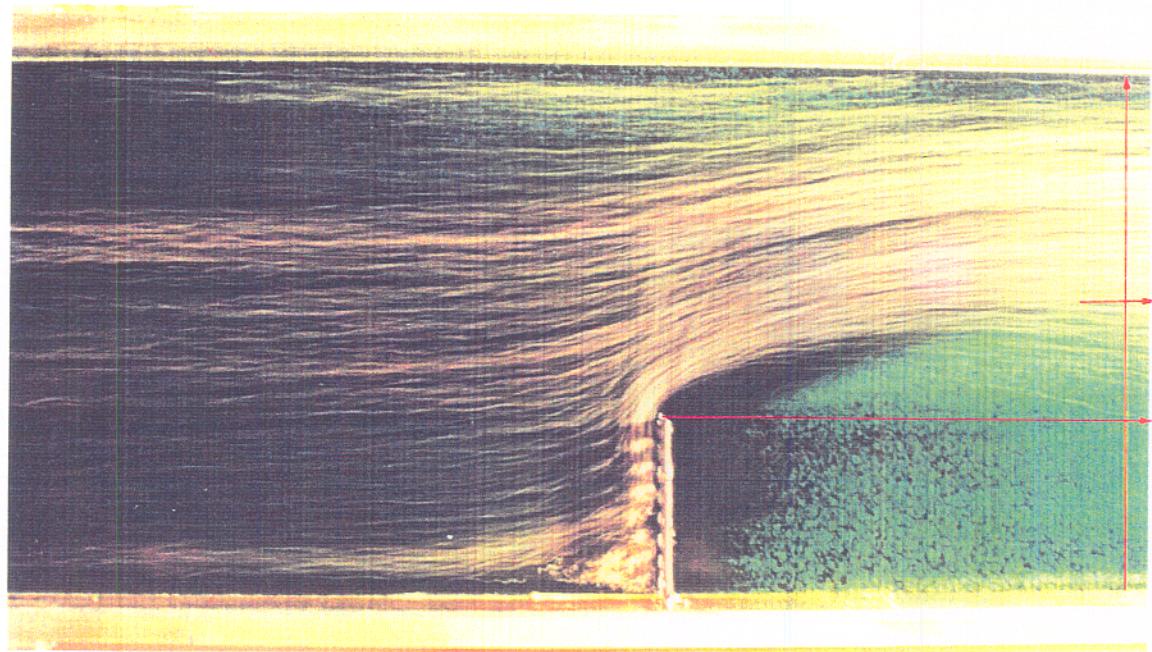
(b)



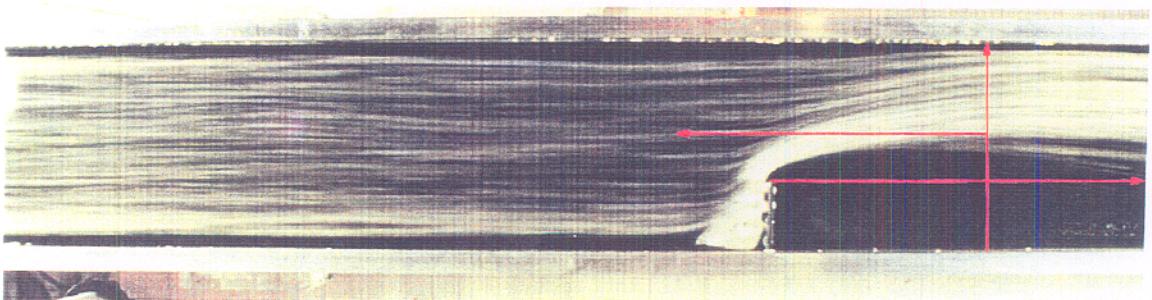
(c)

Figure C-9 LSPIV Imagery/Time Lapse Photographs of Run 1017, (a) 12-inch flume, (b) 6-inch flume, and (c) 2-inch flume.

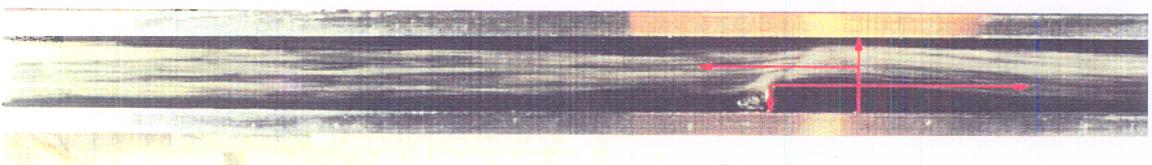




(a)



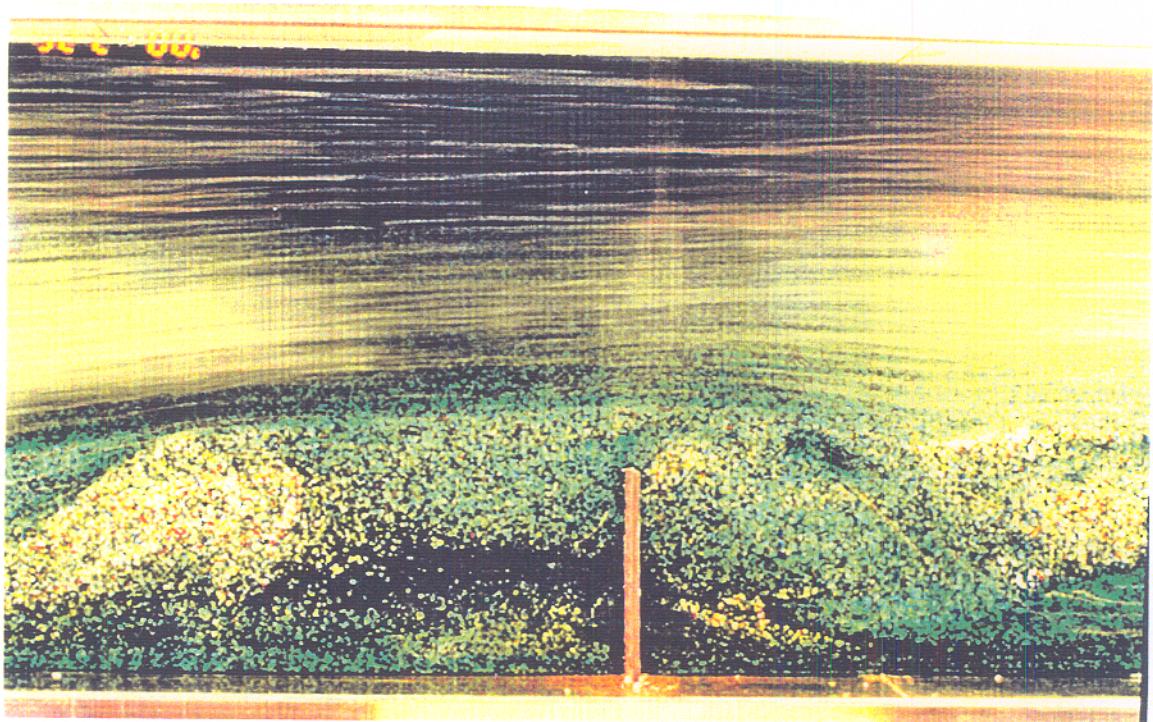
(b)



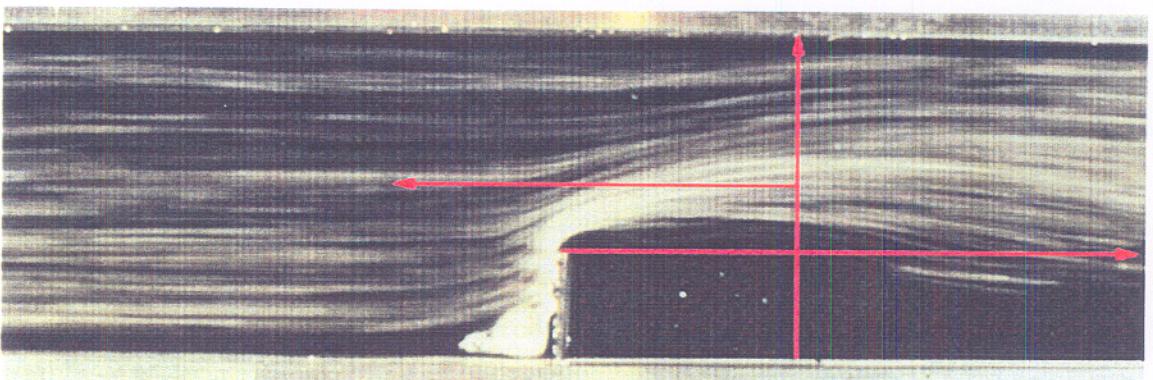
(c)

Figure C-10 LSPIV Imagery/Time Lapse Photographs of Run 1018, (a) 12-inch flume, (b) 6-inch flume, and (c) 2-inch flume.

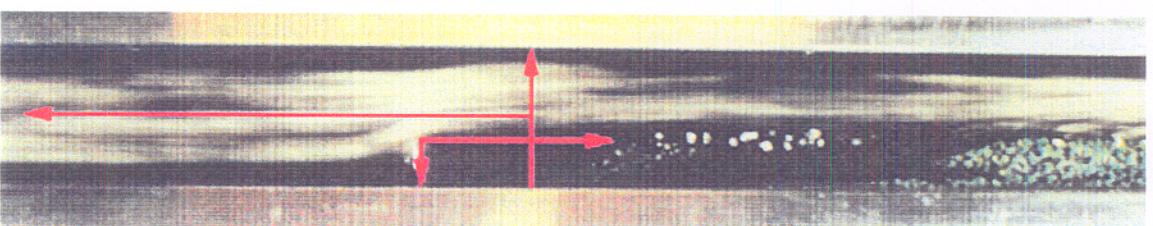




(a)



(b)



(c)

Figure C-11 LSPIV Imagery/Time Lapse Photographs of Run 1019, (a) 12-inch flume, (b) 6-inch flume, and (c) 2-inch flume.

