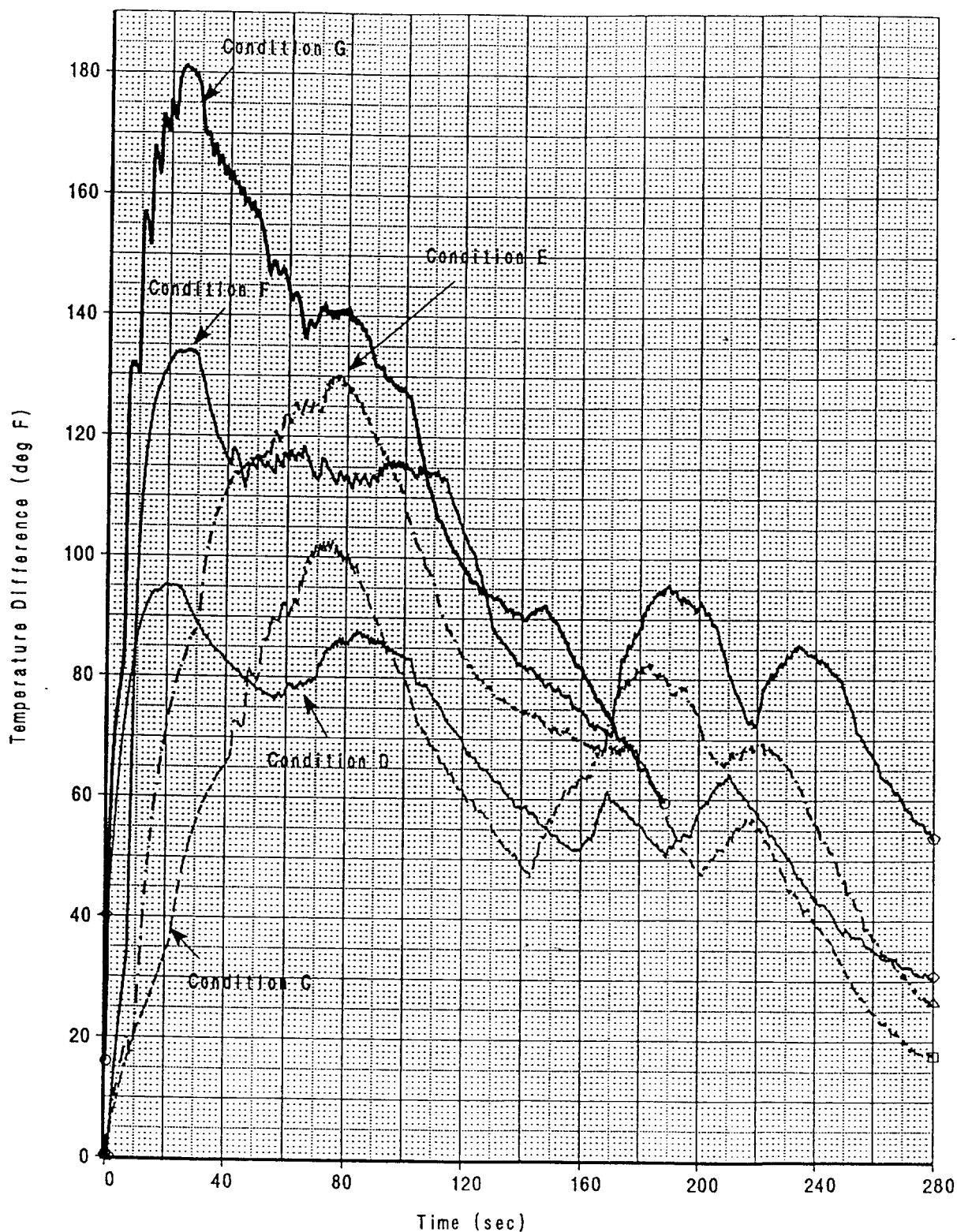


Temperature Difference Between PCU Hydraulic Inlet
and Control Valve Housing VS Time For
Lab Conditions C, D, E, F, and G



Tue Jan 21 1997 10:08:24

CALC	D. Wang	21Jan97	REVISED	DATE
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Thermal Gradients For Lab Test
Conditions C, D, E, F, G

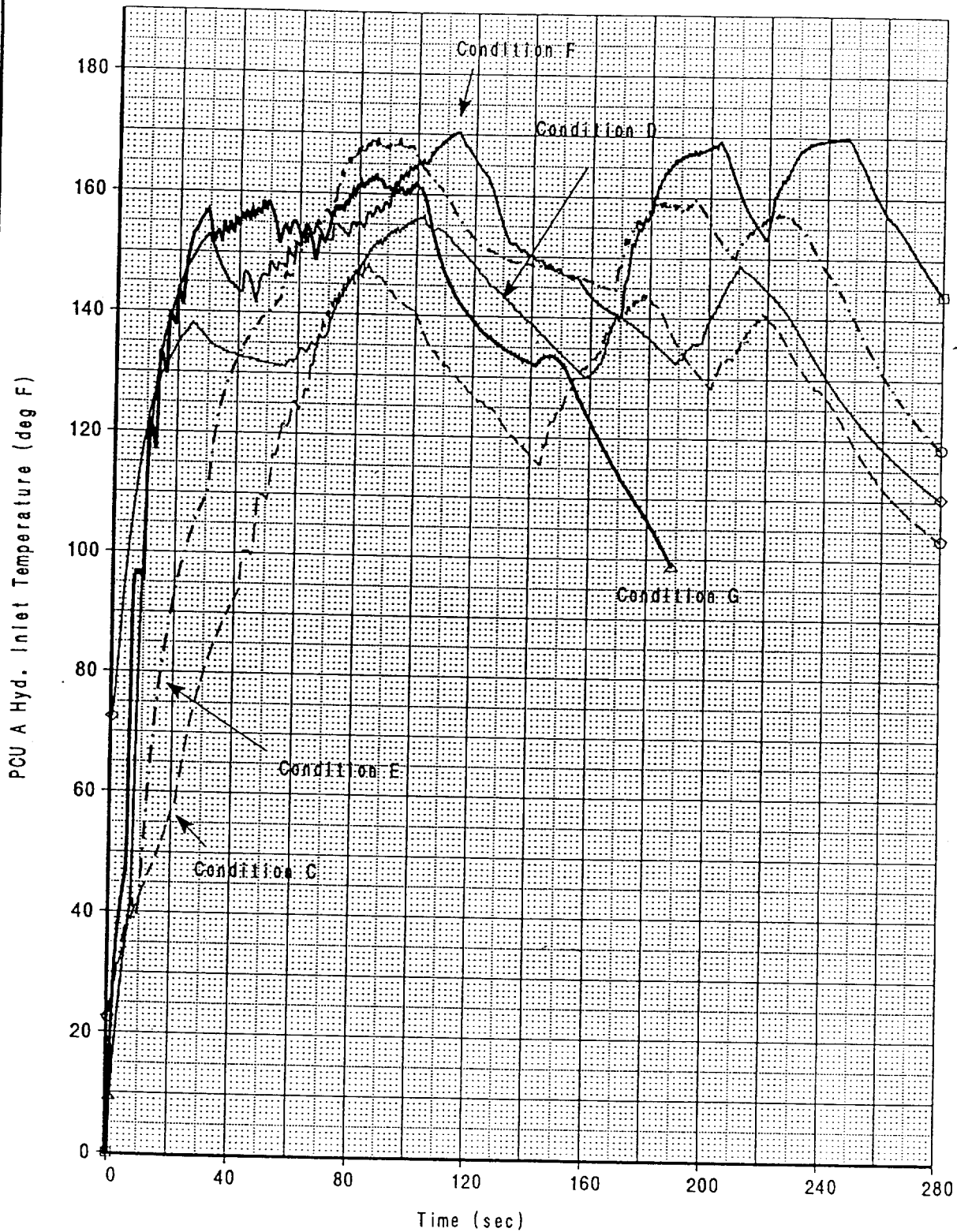
737 - 300

Figure 1

PAGE

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Rudder PCU Hydraulic Inlet Temperature Versus Time
For Lab Conditions C, D, E, F, and G



Wed Jan 29 1997 09:38:09

CALC	D. Wang	29Jan97	REVISED	DATE
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PCU Inlet Hyd. Fluid Temp For Lab Test
Conditions C, D, E, F, G

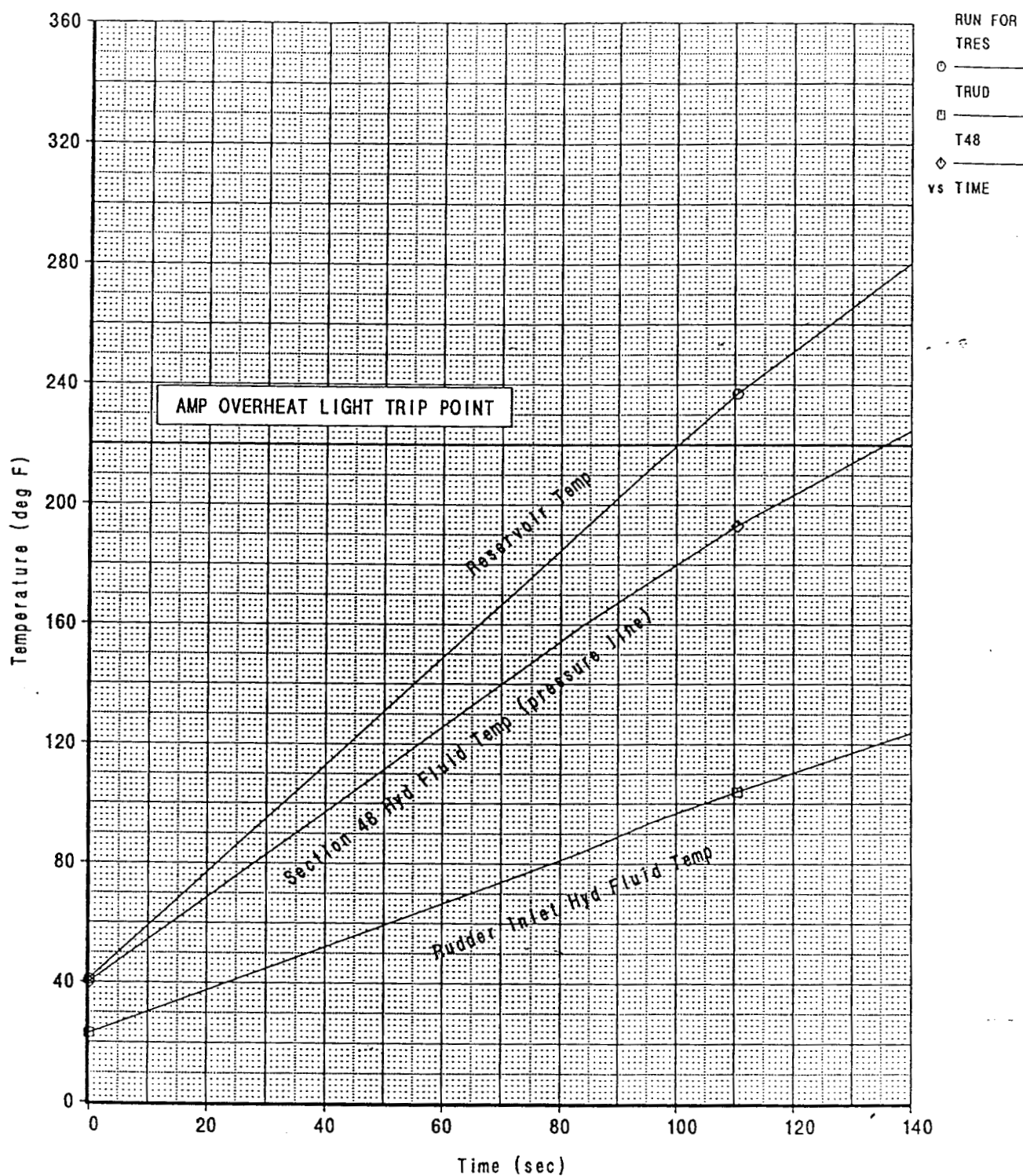
737 - 300

Figure 2

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PAGE

Simulated Hydraulic System Overheat Condition
Caused By the Jammed EDP Compensator



[A]: /acct/dsw4864/37rud/usair.esb

[B]: /acct/dsw4864/37rud/run2020.esb

Tue Jan 7 1997 15:07:54

CALC	David Wang	7Jan97	REVISED	DATE
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737 Predicted Temperatures For A
Hydraulic System Overheat Condition

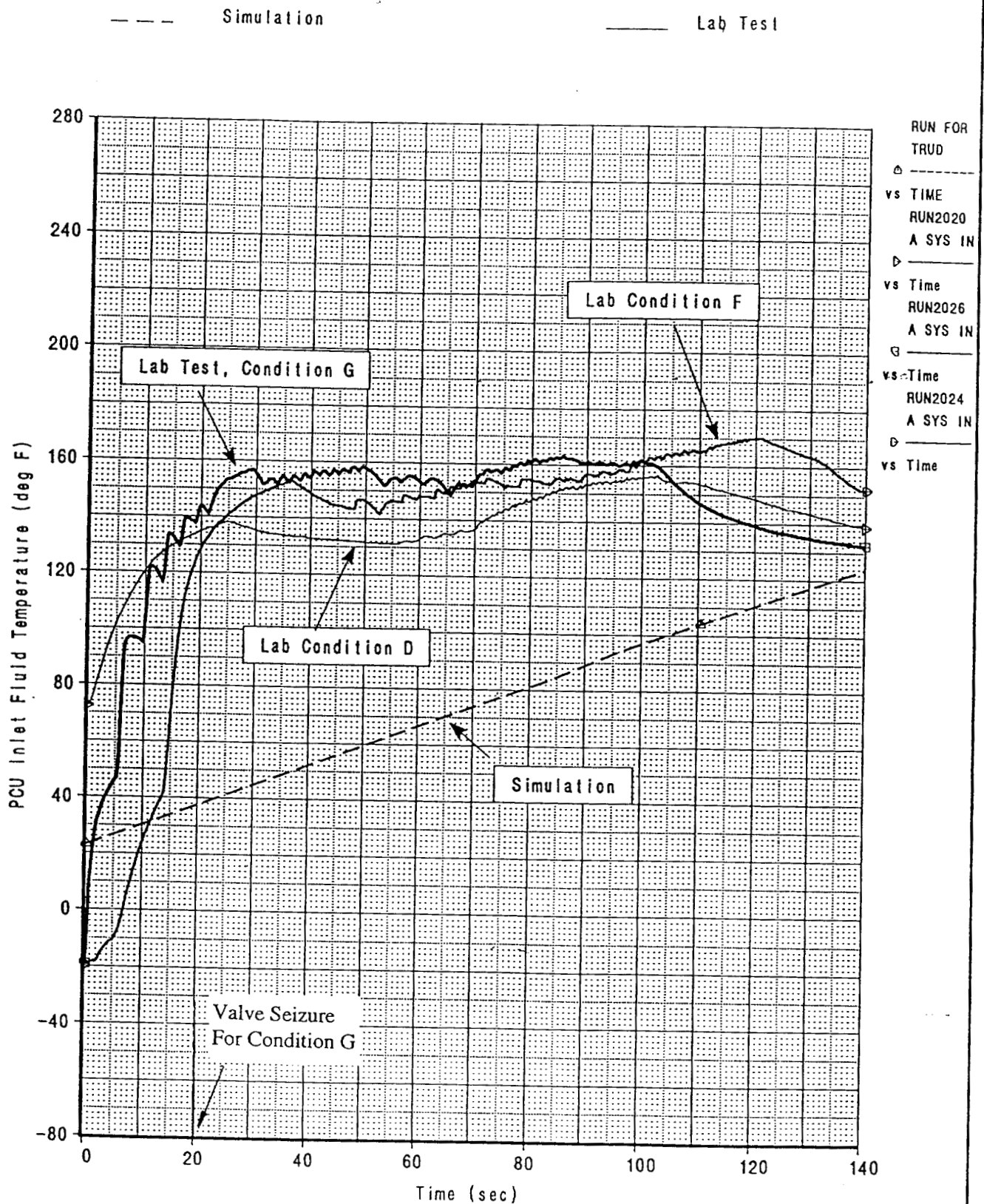
737

Figure 3

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Simulated Hydraulic System Overheat Scenario Vs
Lab Test Results Of Condition D, F, And G



Tue Jan 28 1997 08:43:46

CALC	David Wang	28Jan97	REVISED	DATE
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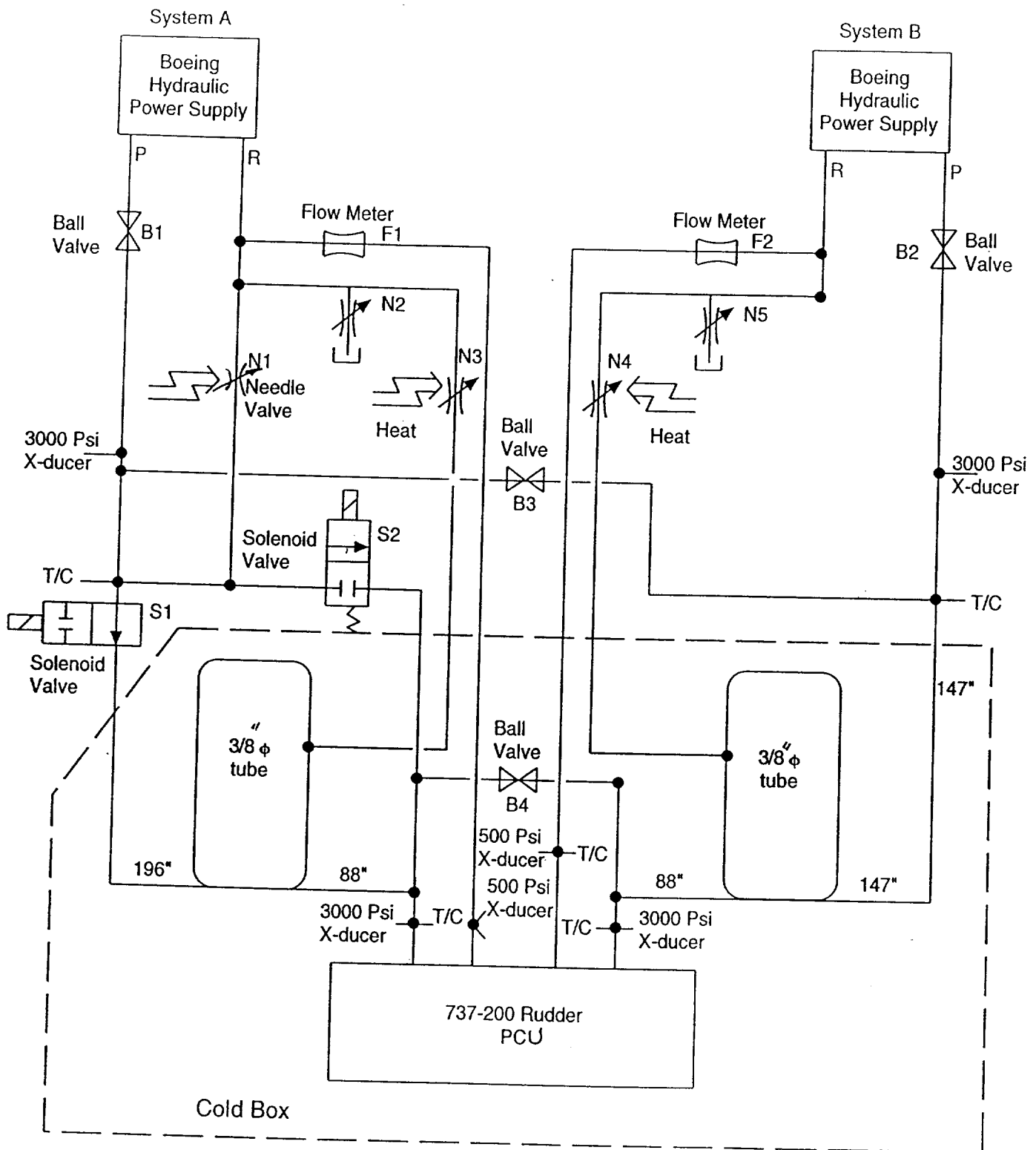
737 Rudder PCU Hydraulic Inlet
Temperatures Comparison

737-300

Figure 4

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737-200 Rudder Thermal Shock Test - Skydrol System

