

VOLUME I
PERFORMANCE FLIGHT TESTING

APPENDIX C-2
PITOT-STATIC CHARTS

APR 1967

DTIC QUALITY INSPECTED 4

19970122 051

USAF TEST PILOT SCHOOL
EDWARDS AFB, CA

DISTRIBUTION STATEMENT A

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Distribution Unlimited

APPENDIX C-2

PITOT-STATIC CHARTS

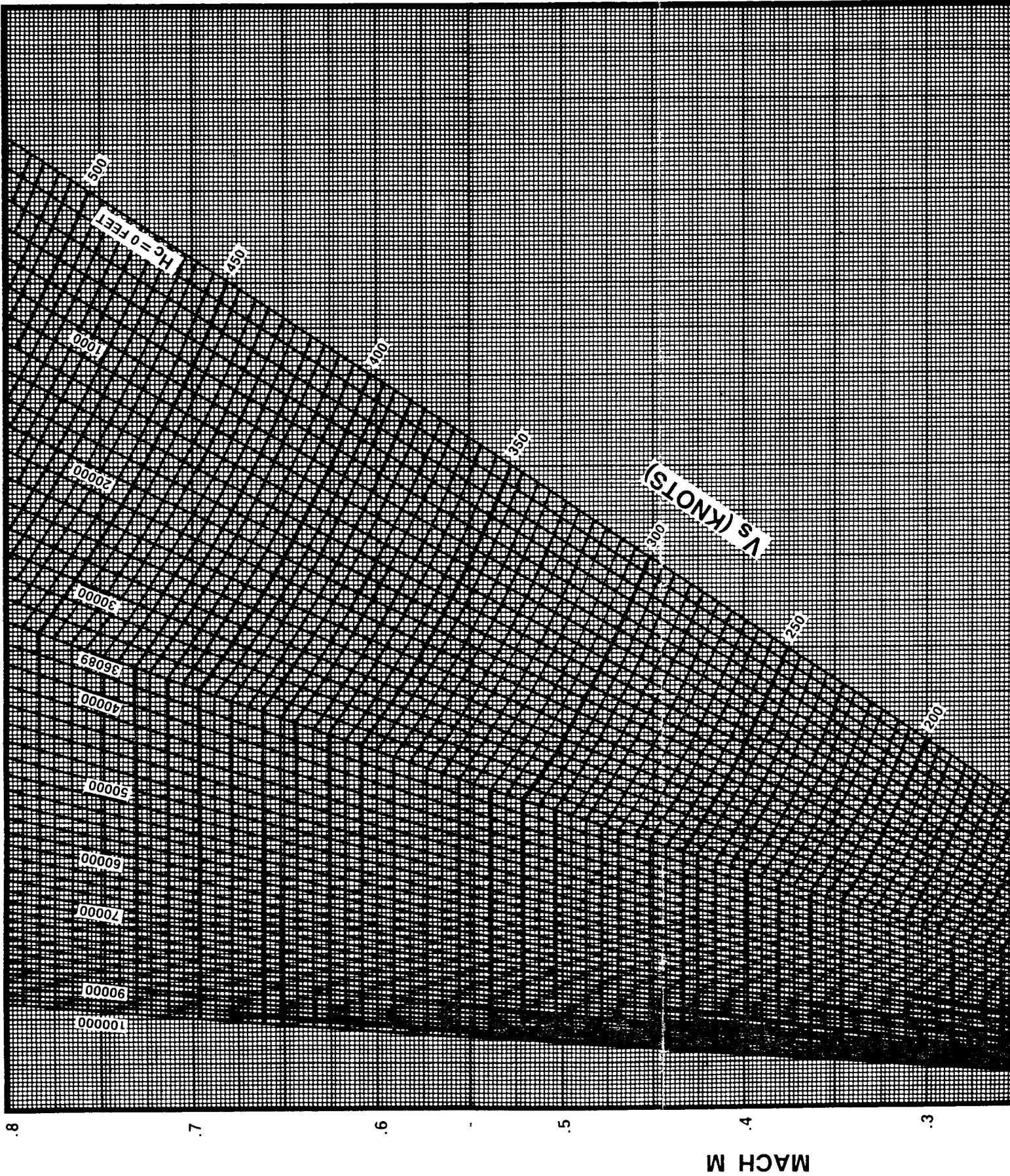
Mach Number M versus Calibrated Airspeed V_C for

Pressure Altitude $H_C = \text{Constant}$ with Lines of

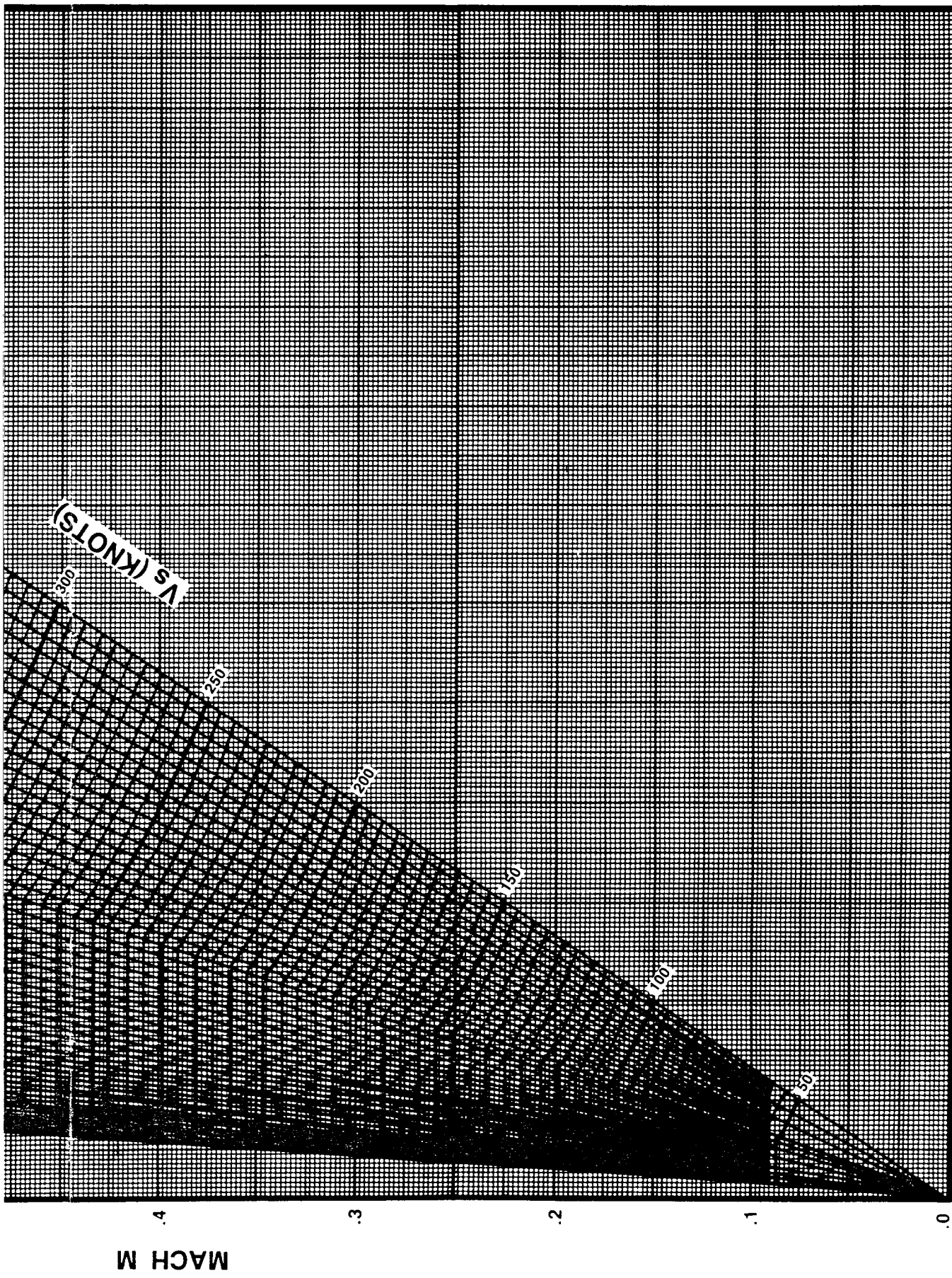
Standard Day True Speed $V_S = \text{Constant}$.

(Also M_{ic} versus V_{ic} for $H_{ic} = \text{Constant}$)

APRIL 1967



MACH M



V_C (KNOTS)
MACH VS V_C

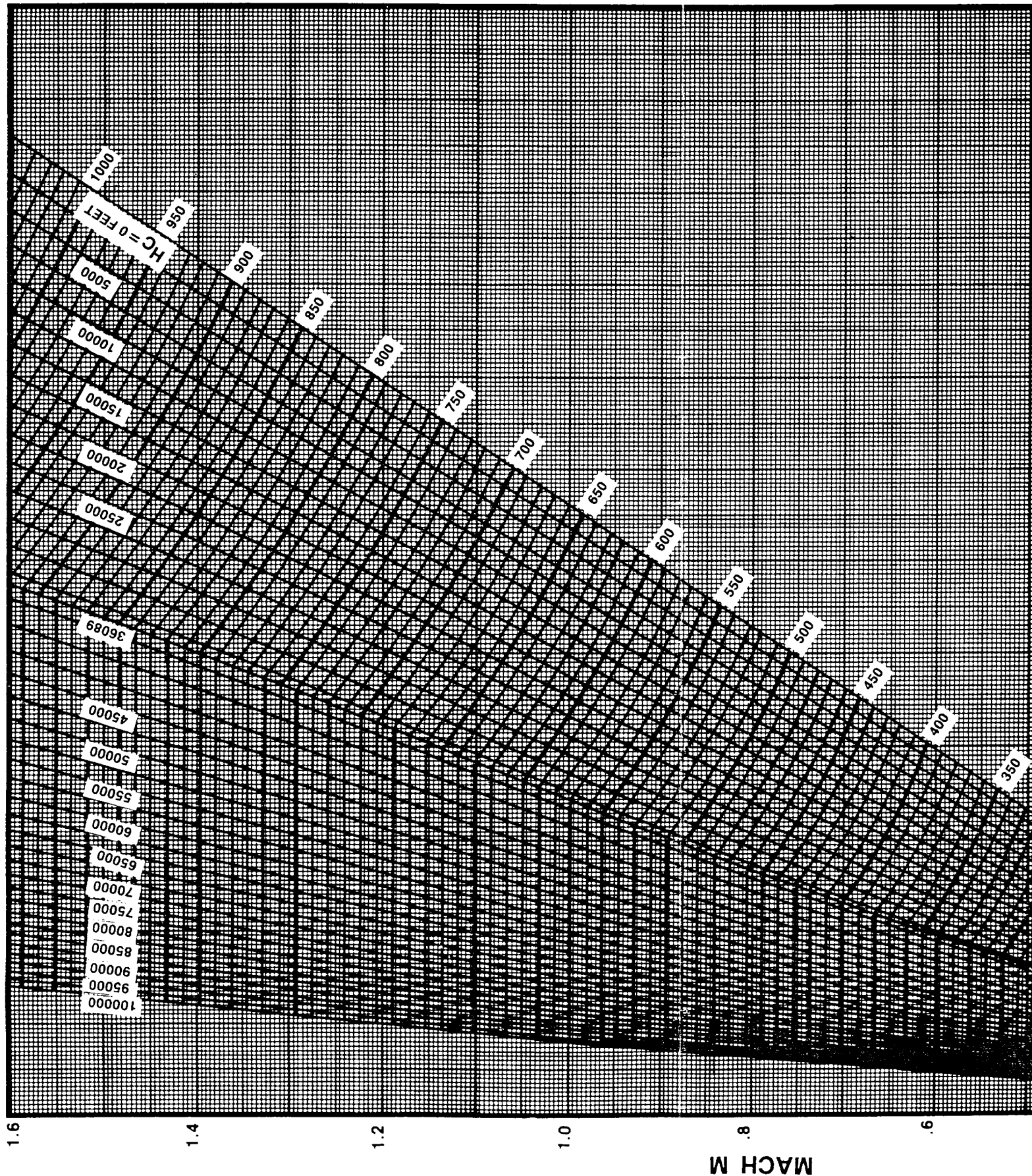
V_S (KNOTS)

MACH M

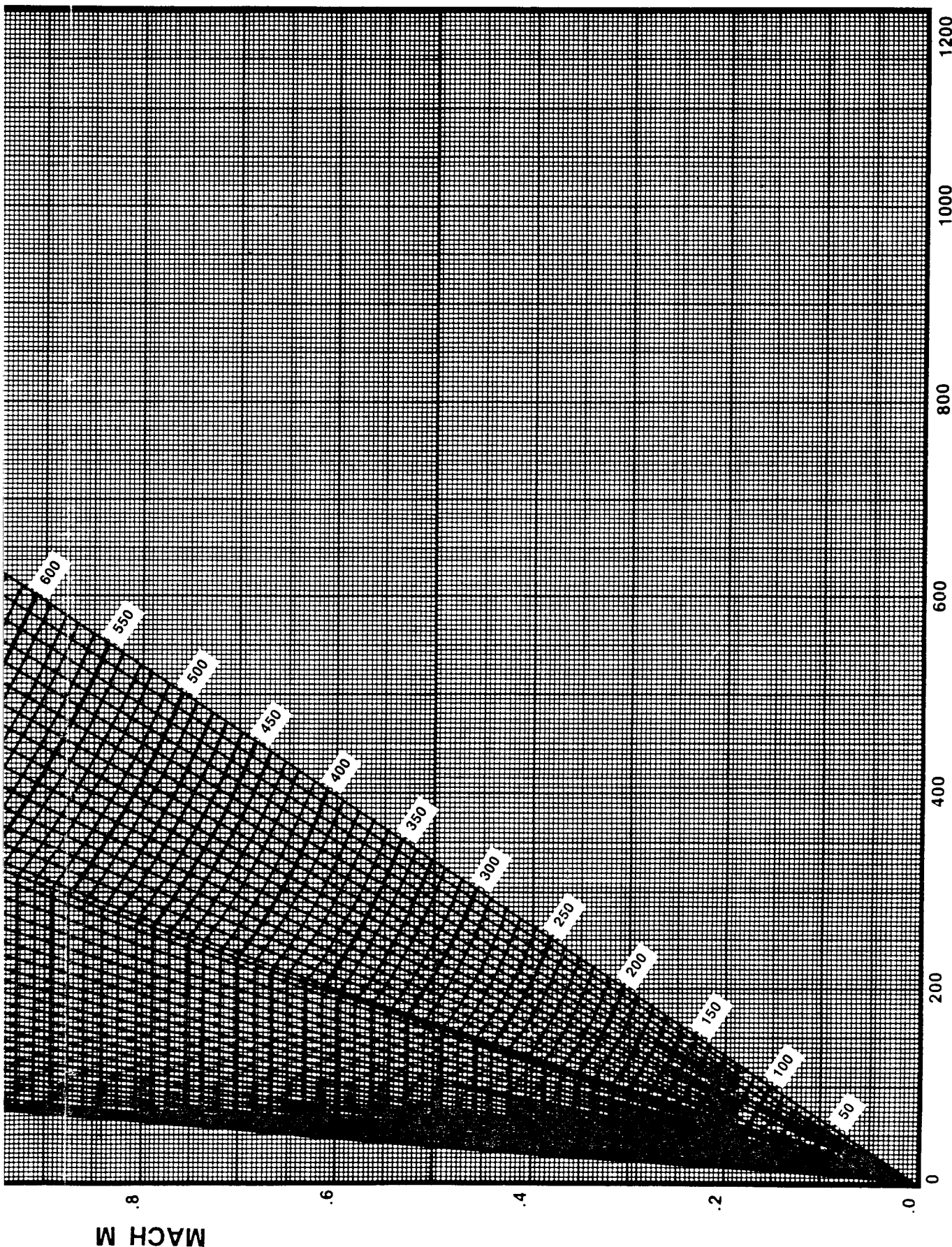
600
500
400
300
200
100
0

0
.1
.2
.3
.4

C-2-1



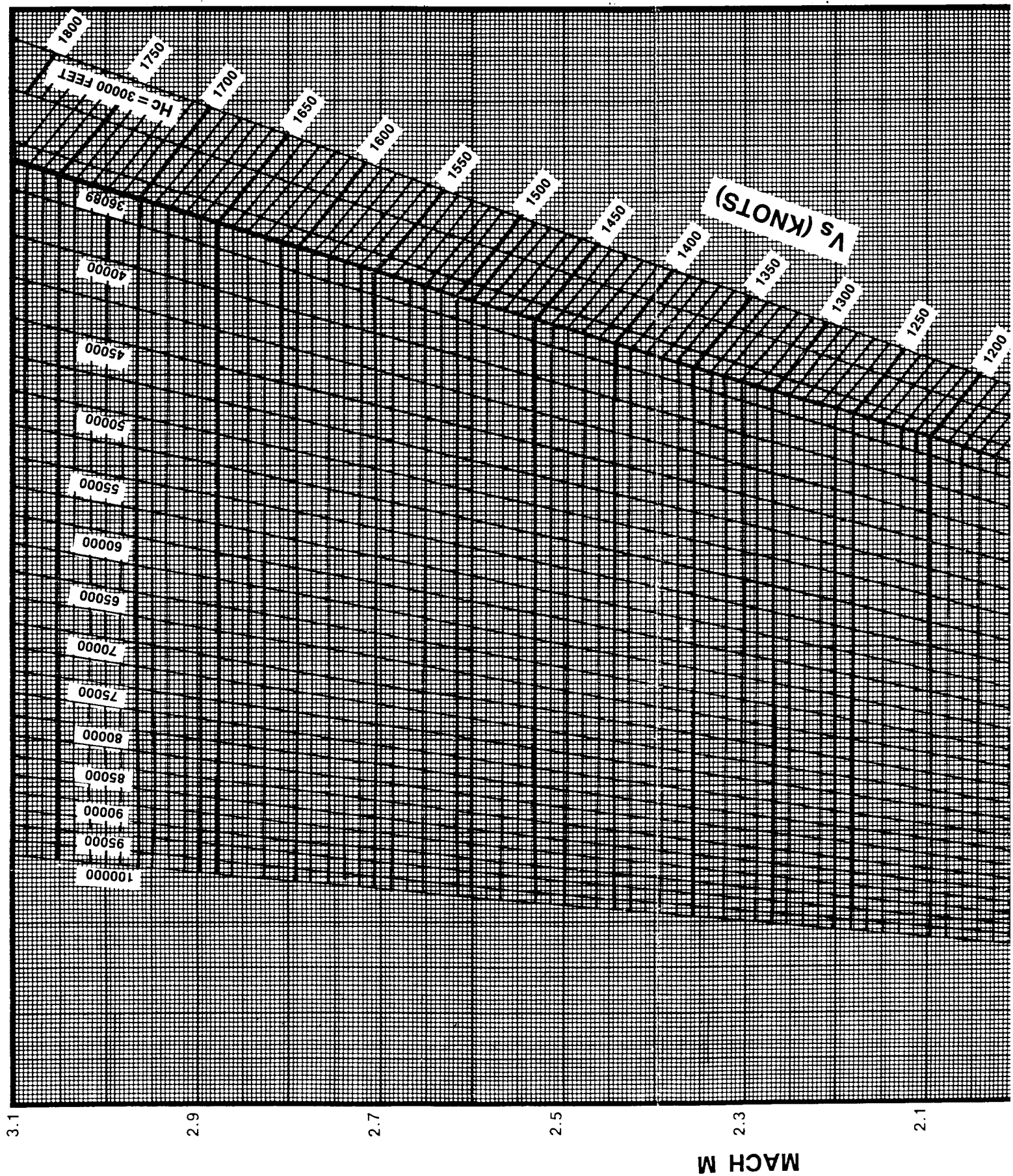
MACH M

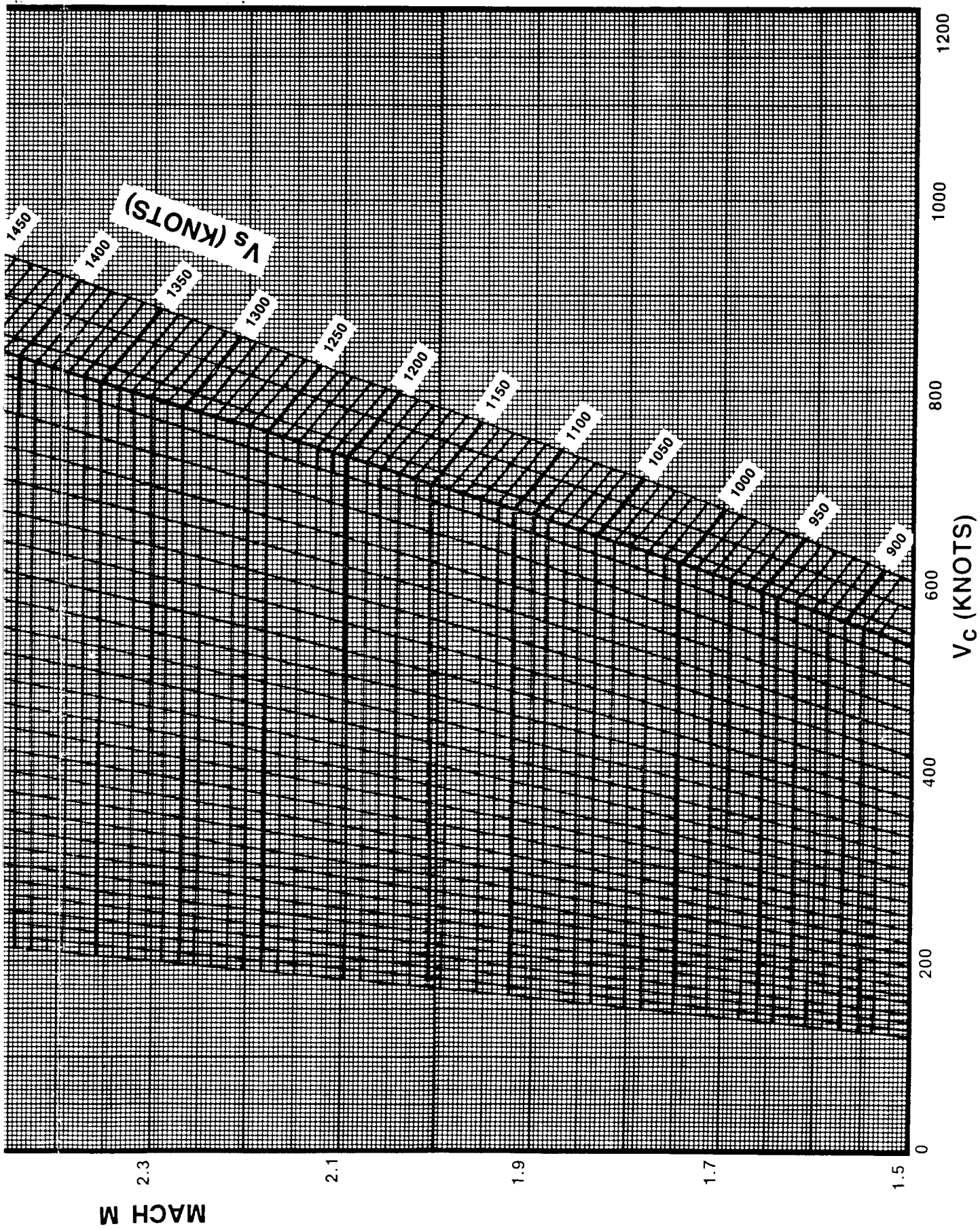


V_C (KNOTS)

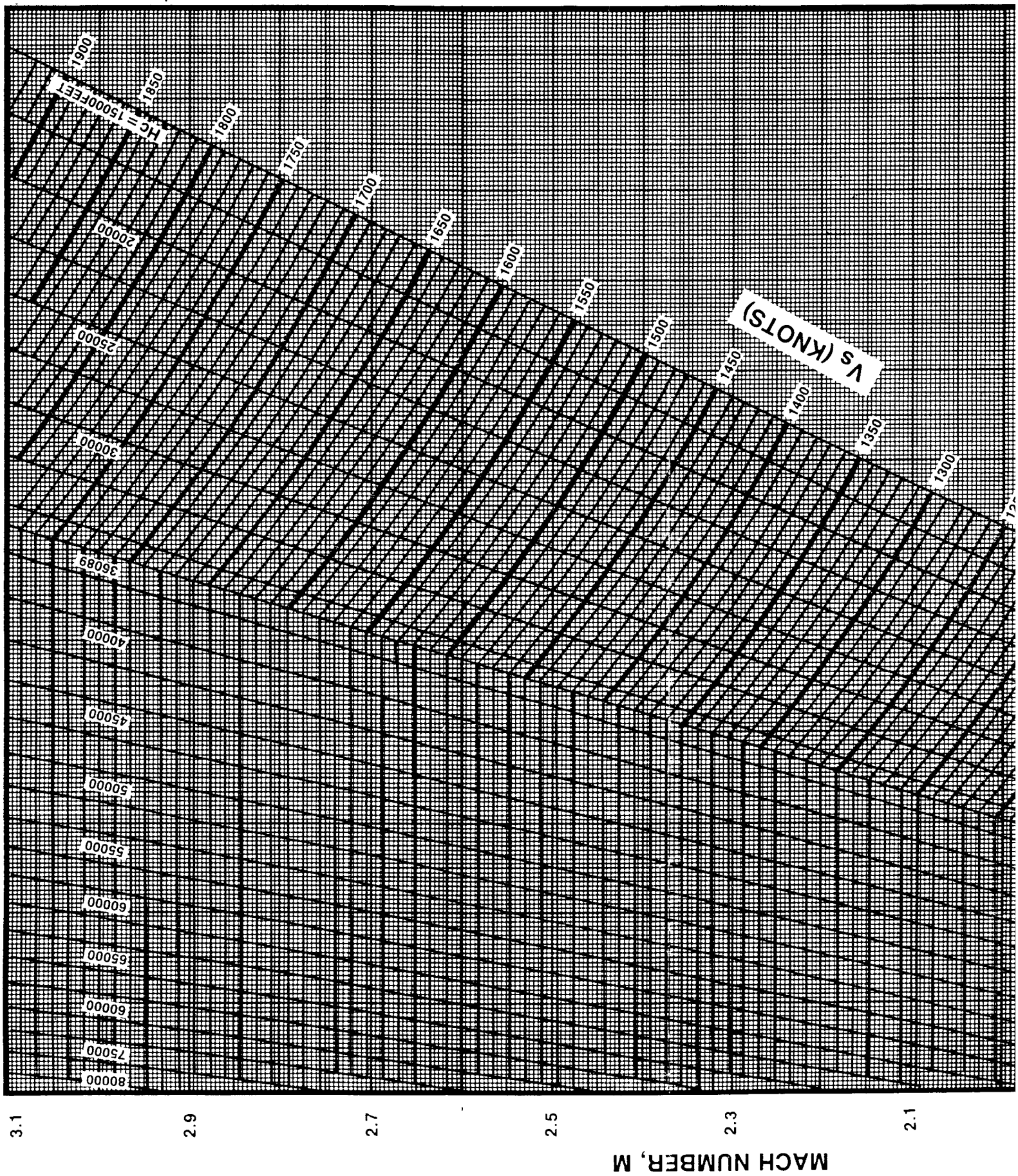
MACH VS V_C

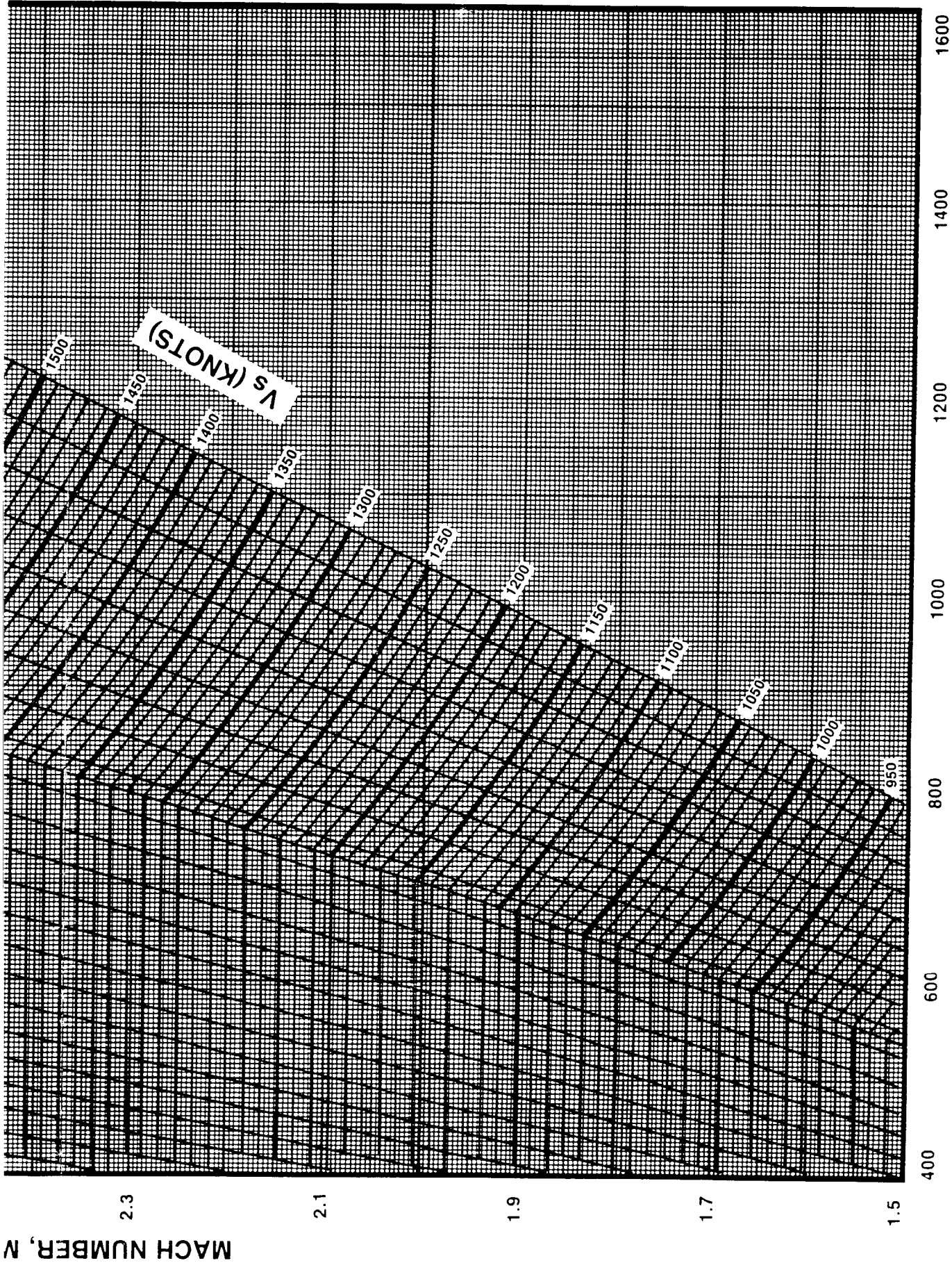
C-2-2



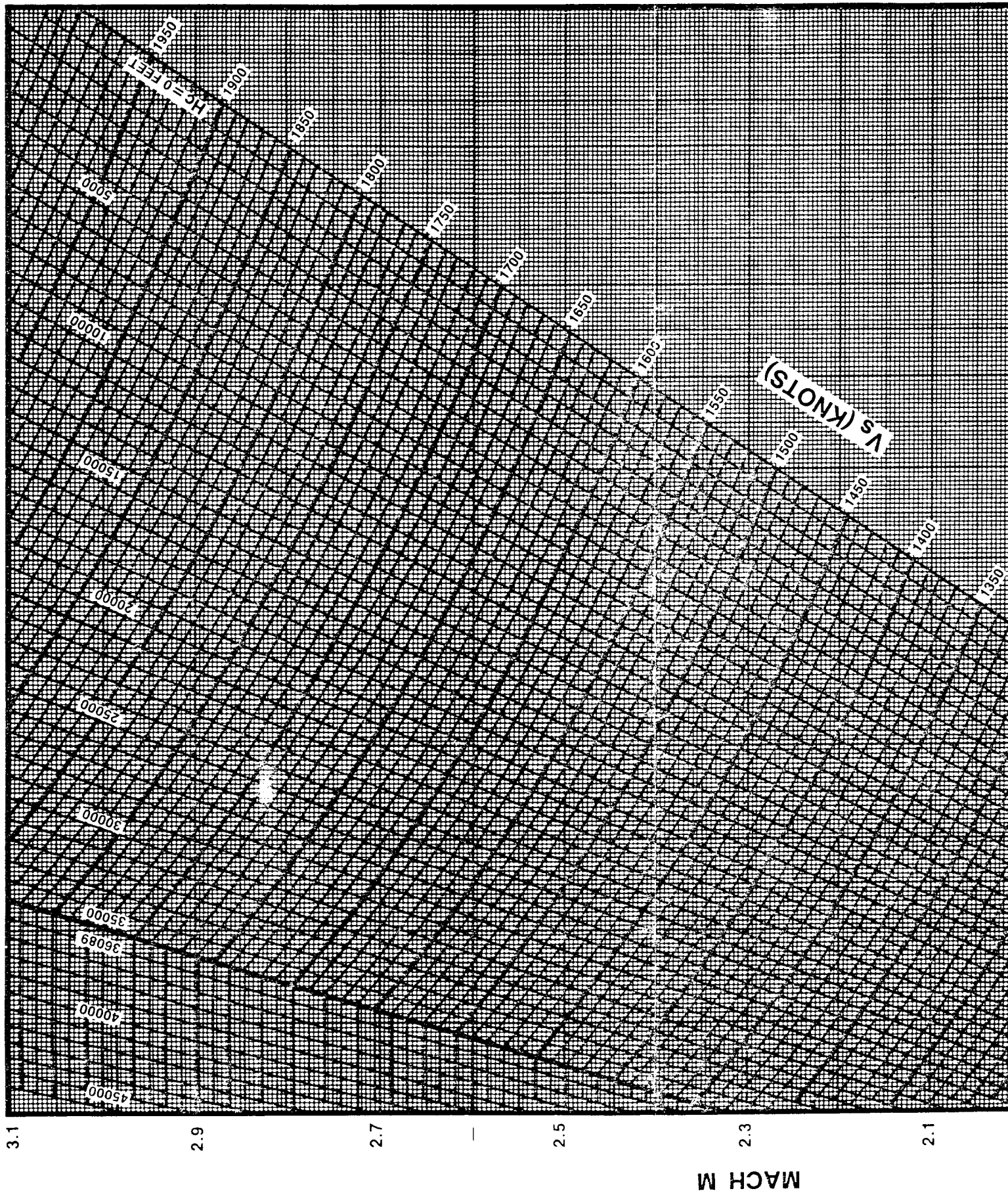


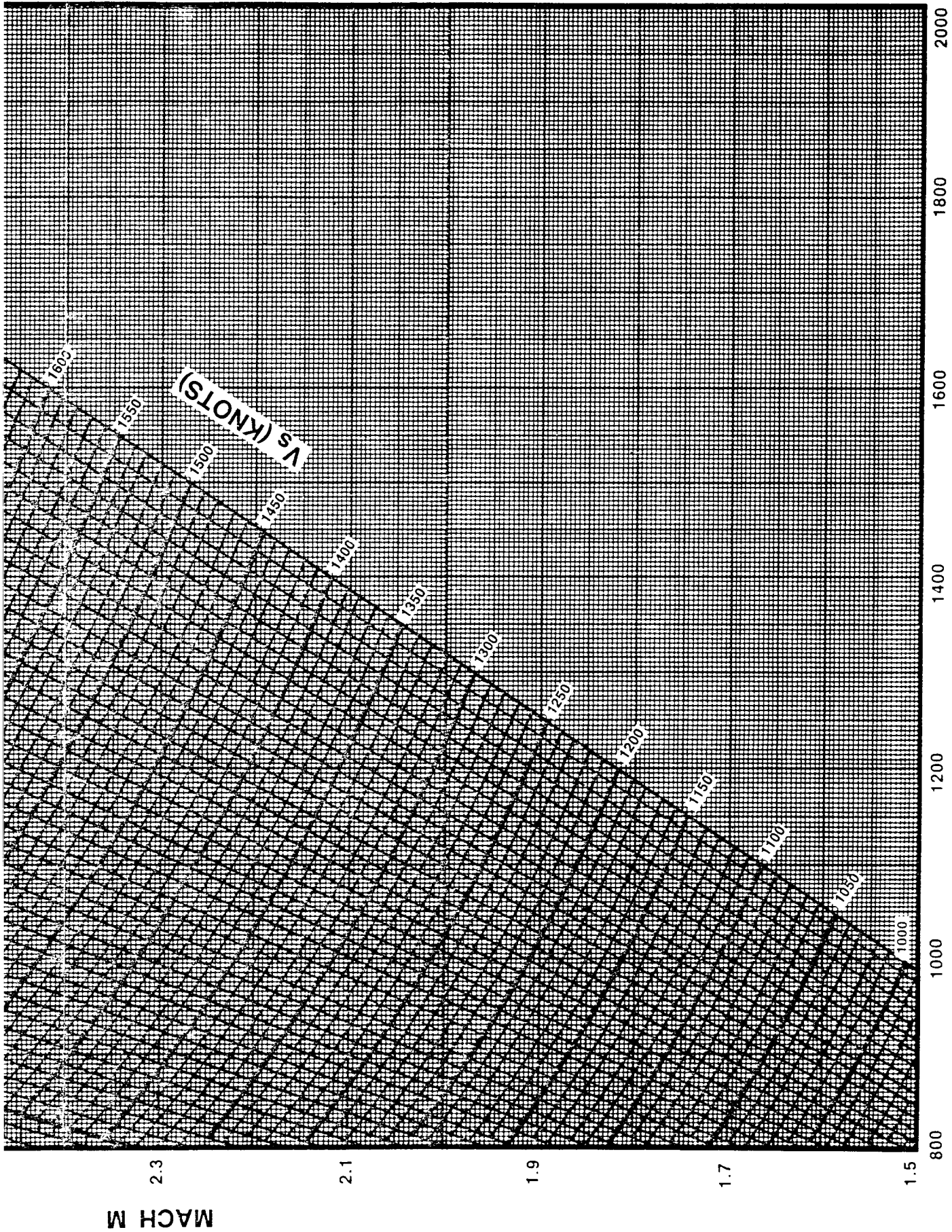
MACH vs V_c





V_c (KNOTS)
MACH vs V_c

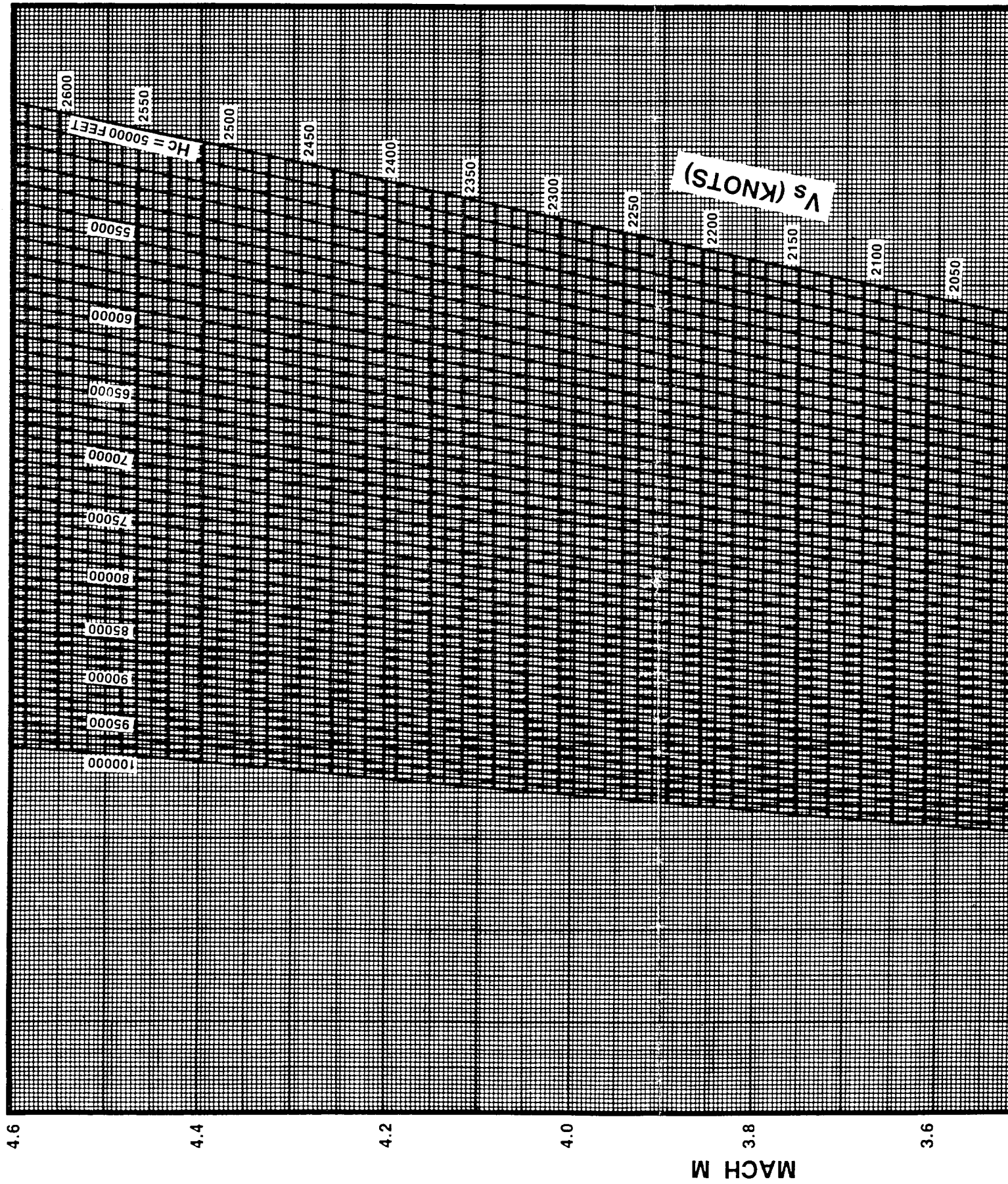


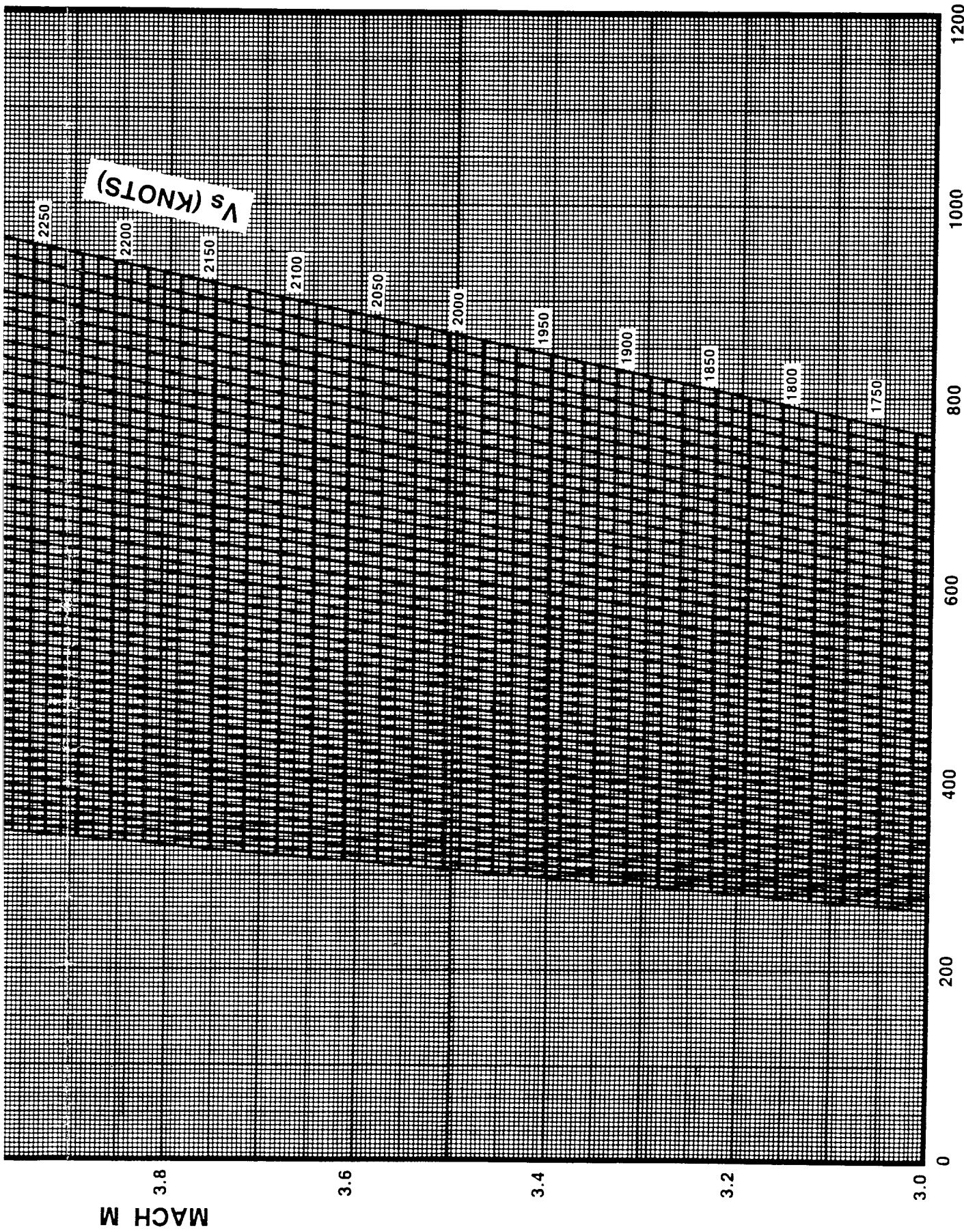


V_c (KNOTS)

MACH vs V_c

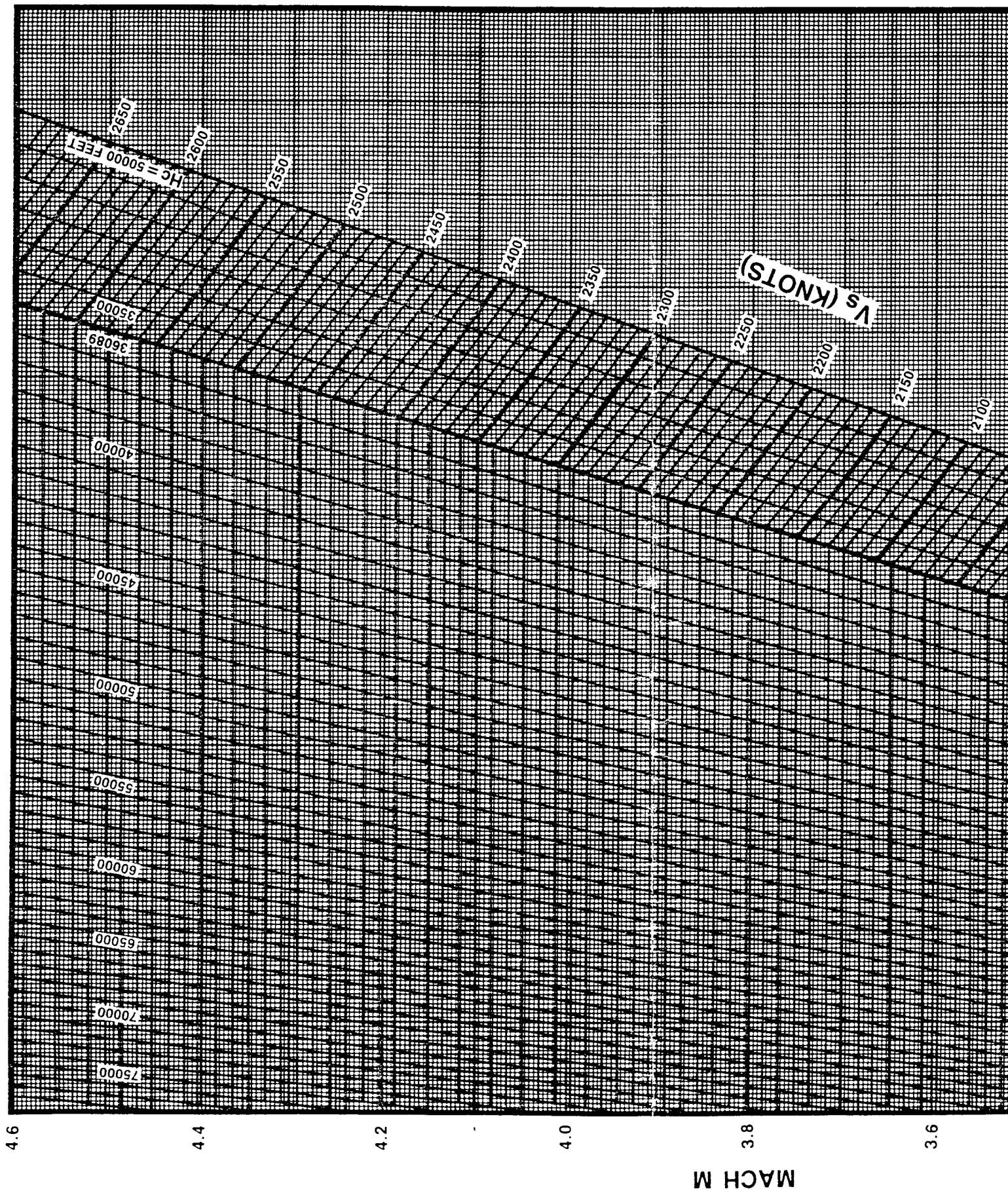
C-2-5

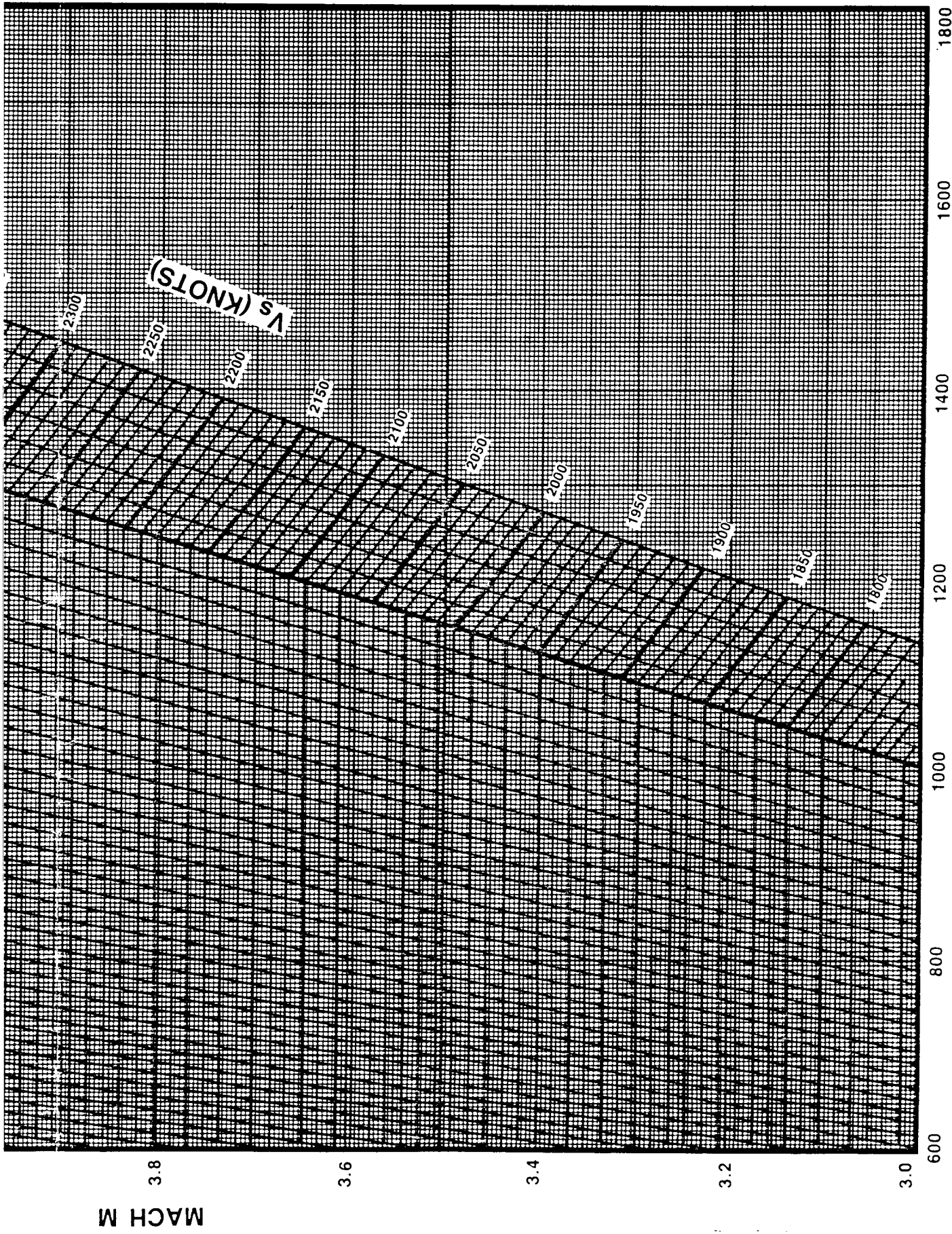




V_c (KNOTS)

MACH vs V_c





Vc (KNOTS)
MACH vs Vc