

TABLE II

SELECTED RESULTS OF CALCULATION OF DENSE GAS MIXTURE
CONDUCTIVITIES BY ENSKOG EQUATION

<u>P, atm.</u>	<u>Calculated k x 10⁴, Cal./cm sec °C</u>	<u>% Dev.</u>	<u>k_{ie} x 10⁴, Cal./cm sec °C</u>
76.2% CO ₂ ,	23.8% N ₂		
1	0.539	1.65	.240
102	0.830	10.0	.316
627	4.00	74.4	.338
3069	7.33	47.0	.403
38.5% CO ₂ ,	61.5% C ₂ H ₆		
1	0.611	.23	.348
78	0.899	1.56	.430
171	2.18	41.8	.489
59.8% N ₂ ,	40.2% C ₂ H ₆		
1	.660	-1.99	.302
61	.766	-.43	.331
168	1.114	9.0	.369