

PROPELLANT	HF	DENSITY	WEIGHT	MOLES	VOLUME
PEROXIDE	-44.8800	1.4422	1.0000	.0294	.6934

GRAM ATOMS/100 GRAMS
H 5.8798 O 5.8798

ENTHALPY =-131.94260 DENSITY =1.442
CSTAR = 3403.67

	CHAMBER	THR(SHIFT)	EXH(SHIFT)
PRESSURE (PSIA)	1000.000	554.362	14.700
EPSILON	.000	1.000	7.416
ISP	.000	73.552	164.427
ISP (VACUUM)	.000	132.199	175.959
TEMPERATURE(K)	1274.857	1131.399	497.361
MOLECULAR WEIGHT	22.677	22.677	22.677
MOLES GAS/100G	4.410	4.410	4.410
CF	.000	.695	1.554
PEAE/M (SECONDS)	.000	58.647	11.532
GAMMA	1.249	1.259	1.326
HEAT CAP (CAL)	43.946	42.595	35.645
ENTROPY (CAL)	227.934	227.935	227.935
ENTHALPY (KCAL)	-131.941	-138.156	-163.000
DENSITY (G/CC)	1.47503E-02	9.21382E-03	5.55786E-04
ITERATIONS	16	3	5

GRAMS/100 GRAMS

HO	.00057	.00010	.00000
HO2	.00012	.00002	.00000
H2O	49.97799	49.97850	49.97829
H2O2	.00002	.00000	.00000
O2	45.56811	45.56834	45.56823