

CRUISE & RANGE DATA

WEIGHT = 2200 LBS.: BEST POWER MIXTURE
52 GAL. USABLE FUEL; NO RESERVE FOR RANGE CALCULATIONS
STANDARD ATMOSPHERE

ALTITUDE 2500' MSL

R.P.M.	M.P. IN.HG.	B.H.P.	% B.H.P.	GAL. HOUR	LBS. HOUR	TRUE AIR SPEED	ENDUR. HR:MIN.	RANGE Statute MILES
2600	27.0	170	95	14.4	86.4	185	3:37	667
	26.0	162	90	13.4	80.4	180	3:53	697
	25.0	155	86	12.8	76.8	175	4:04	710
	24.0	147	82	12.0	72.0	170	4:20	736
2500	26.0	159	88	13.1	78.6	178	3:58	705
	25.0	151	84	12.3	73.8	174	4:13	735
	24.0	144	80	11.6	69.6	168	4:29	752
	23.0	136	76	11.0	66.0	163	4:32	770
2400	25.0	148	82	11.7	70.2	171	4:26	759
	24.0	140	78	11.0	66.0	166	4:43	784
	23.0	132	73	10.4	62.4	160	5:00	800
	22.0	125	70	9.8	58.8	154	5:19	817
2300	24.0	136	76	10.7	64.2	163	4:52	792
	23.0	128	71	10.0	60.0	157	5:12	816
	22.0	121	67	9.5	57.0	152	5:28	831
	21.0	113	63	8.9	53.4	145	5:50	847
1800*	17.0	66	37	5.7	34.2	109	9:07	994

* MAXIMUM RANGE

ACCURACY OF DATA IS $\pm 3\%$

EACH 100 LBS. CHANGE IN AIRPLANE WEIGHT
WILL AFFECT TAS BY 1.2 MPH.