



**MKIV HARVARD
NX-1467**

	<u>MPH</u>
STALL CLEAN	70 IAS
STALL DIRTY	65
BEST CLIMB	120
NORMAL CLIMB	150-160
NORMAL CRUSE	190-200 IAS
APPROACH SPEED	110
OVER FENCE	100
TOUCH DOWN	80 (WHEEL LANDING)
MAX FLAP SPEED	125
MAX GEAR SPEED	160
NEVER EXCEED	275

AEROBATICS (CAUTION: NO INVERTED FUEL OR OIL)

ROLLS 160-200

LOOPS 220 IAS +3 to 3.5g's

FUEL CAPACITY

TOTAL 125 U.S. GALLONS

LEFT SIDE 70 GALLONS

RIGHT SIDE 55 GALLONS

OIL CAPACITY

10.2 U.S. GALLONS

POWER SETTINGS

2500 R.P.M. 41" TAKE OFF: AUTO RICH MIXTURE

2300 R.P.M. 38" METO: AUTO RICH MIXTURE

2200 R.P.M. 33" NORMAL: AUTO RICH MIXTURE

2000 R.P.M. 30" ENROUTE CLIMB: AUTO LEAN MIXTURE

1900 R.P.M. 27" CRUSE 60%

1800 R.P.M. 26" CRUSE 55%

1700 R.P.M. 25.5 CRUSE 50%



SPEED PERFORMANCE CHECKS 1820 POWERED MKIV HARVARD NX1467

ALTITUDE 12,000 FT. +8c TEMP.

RPM	MANIFOLD	IAS	CAS	TAS	H.P. %	AUTO LEAN G.P.H.	MPG
2300	FT. 30"	211	+9.5 220.5	271	770/73%	60	4.51
2050	28"	202	+8.5 210.5	259	675/64%	53	4.88
1900	27"	196	204.5	251	630/60%	44	5.70
1800	26"	193	201.5	247	575/55%	40	6.17
1700	25.5"	190	+8 198	243	525/50%	37	6.56
1600	25"	186	+8 194	238	480/45%	34	7.0
1500	24"	177	+7 184	226	440/42%	30	7.53
1400	23.5"	169	+6 175	215	410/39%	29	7.41
1300	22.9"	153	+5 158	194	375/36%	25	7.76
1300	19.5"	140	+4	178	290/28%	21	8.47