

AIRCRAFT YEAR MODEL	6601K 1981 C 172 P RALLY 01	98306 1985 C 172 P RALLY 06	51387 2001 C 172 S RALLY 13	1401E 1978 C 172N RALLY 14	1370U 1976 C 172 M RALLY 70	94986 1978 C-182 Q RALLY 08	66MJ 1978 C182 Q RALLY 66
IAS	KTS	KTS	KTS	KTS	KTS	KTS	KTS
ROTATION	55	55	55	55	55	55	50
NORMAL CLIMB	70	70	70-80	70	70	90	70-80
BEST GLIDE	65	65	68	65	65	70	70
Vx (SL-10000 MSL)	56	56	56	59	59	57	54-62
Vy (SL-10000 MSL)	76-71	76-71	74-72	73-68	78-68	78-72	78-72
Vs	44	44	48	47	42	41	48
Vso	33	33	40	41	36	38	45
Vfe	110 / 85 0-10 / 10-30	110 / 85 0-10 / 10-30	110 / 85 0-10 / 10-30	85	85	140 / 95 0-10 / 10-40	137 / 95 0-10 / 10-40
Va weight	99/92/82 2400/2000/1600	99/92/82 2400/2000/1600	105/98/90 2550/2200/1900	97/89/80 2300/1950/1600	97/89/80 2300/1950/1600	111/100/89 2950 / 2450 / 1950	111/100/89 2950/2450/1950
Vno	127	127	129	128	128	143	143
Vne	158	158	163	160	160	179	179
DOWNWIND	85	85	85	85	85	95	95
BASE	75	75	75	75	75	80	80
FINAL	65	65	65	65	65	70	70-80
SHORT FINAL FLAPS UP	65	65	65	60	60	70	70-80
SHORT FINAL FLAPS DOWN	60	60	65	55	55	60	60-70
USABLE FUEL Gals-all flt conditions	50	40	53	40	38	75	75
MAX WEIGHT (lbs)	2550	2550	2550	2550	2550	2950	2950