

SPEEDS - G-RRVX						knots
		lb	knots	vs0	stall ff	58
va	manoevr	2700	125	vs1	stall no flap	68
		2400	118			
vne			200	vgl	best glide	90
vno	struct cruise		155	vx	best angle	70
vfe	flap limit	-3°	122	vy	best rate	90
		15°	96			
		30°	87			
					climb	105
					cruise climb	115

FLAP POSITION					
	Weight	-3 deg	0 deg	15 deg	30 deg
Stall	2200 lbs	64 KIAS	63 KIAS	54 KIAS	52 KIAS
	2700 lbs	71 KIAS	68 KIAS	60 KIAS	58 KIAS
Approach 1.3 x Vs	2200 lbs	83 KIAS	80 KIAS	71 KIAS	68 KIAS
	2700 lbs	92 KIAS	89 KIAS	78 KIAS	75 KIAS

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IO 540 d 260hp		143HP - 55% RATED				169HP - 65% RATED				195HP - 75% RATED			
press	alt	c 37.8 - 45.4 LPH				c 45.4 - 53 LPH				c 53 - 60.6 LPH			
1000'	temp c	2100	2200	2300	2400	2100	2200	2300	2400	2200	2300	2400	2500
SL	15	22.3	21.5	20.7	19.8	25.3	24.1	23.2	22.2	26.9	25.8	24.8	24
1	13	22.1	21.3	20.5	19.6	25.1	23.9	22.9	22	26.6	25.5	24.5	23.7
2	11	21.9	21	20.3	19.4	24.8	23.6	22.7	21.8	26.3	25.3	24.3	23.5
3	9	21.7	20.8	20	19.2	24.5	23.4	22.5	21.6	26	25	21	23.2
4	7	21.4	20.6	19.8	19	24.2	23.1	22.2	21.4	FT	24.7	23.8	22.9
5	5	21.2	20.3	19.6	18.8	24	22.9	22	21.1		FT	23.5	22.7
6	3	21	20.1	19.4	18.6	FT	22.6	21.7	20.9			FT	22.4
7	1	20.7	19.9	19.1	18.4		22.1	21.5	20.7				Full Throttle
8	-1	20.5	19.6	18.9	18.2		FT	21.2	20.5				
9	-3	20.3	19.4	18.7	18			FT	20.3				
10	-5	20	19.2	18.5	17.7				FT				
11	-7	FT	18.9	18.2	17.5								
12	-9		FT	18	17.3	Stall 52/58mtow* knot app 1.3VS fullf 68/75*							
13	-11			17.8	17.1								
14	-13			FT	16.9	@MTOW tarmac no wind LAND ROLL 200m T/OFF ROLL 150m							
15	-15	5.7 hours + 15 mins								4.2 hours + 15 mins			
		8k'=176mph,1000m range knots 153 869 nm				8k' =197mph, 825m range knots 171 717 nm							

To maintain constant power, correct manifold pressure approximately 0.17" Hg for each 6 deg C variation in injector intake air temperature from standard altitude temperature. Add manifold pressure for air temperatures above standard and remove for temps below std.

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