

[illegible]

TOD:

- 120kts (2NM/min) 500 ft/min (children -12: 300)
3deg makes descent rate = GS x5
- 1NM attitude change
- 2NM speed decrease
- (2NM approach check (if needed))

Fuel	Fuel consumption: 13 USG/h			
	No wind		Wind	
	time	fuel [USG]	time	fuel [USG]
Trip:	1 :26	19	:	
Alternate:	0 :31	7	:	
Reserve:	0 :45	10	:	
Unusable:		4	:	
Minimum fuel:		40	:	
Extra +5%:		2	:	
Ramp fuel:		42	:	

Fuel	Unusable	Usable	Total
Tank #1	2 USG	42 USG	44 USG
Tank #2	2 USG	0 USG	2 USG

Mass and balance	Mass [lbs]	Arm [in]	Moment [in lbs]
Dry+Empty (2020-04-01)	1974		75174
Front	363	37	13431
Rear #1	330	74	24420
Luggage #1	11	97	1067
Luggage #2	0	116	0
Luggage #3	0	129	0
Unusable fuel #1=2USG	11.99	46.5	557.535
Unusable fuel #2=2USG	11.99	46.5	557.535
ZeroFuel		min=40.9	
	2701.98	42.638	115207.07
		max=46	
Fuel #1=42USG	251.808	46.5	11709.072
Fuel #2	0	46.5	0
TakeOff	MLdgW=2950	min=40.9	
	2953.788	42.967	126916.142
	MTOW=3100	max=46	

1 USG = 3.785 *l*

1 *l* Avgas = 0.72 *kg*

1 Imp.G = 4.55 *l*

1 USG Avgas = 6 lbs