

SLOW FLIGHT

Throttles / slow	12"
Gear	Down under 125 mph
Flaps	Down under 100 mph
Speed	80 mph or stall light on
Throttles	18"

Recovery

Throttles	Max power
Flaps	Partially up (1 sec)
Gear	Up
Flaps	Up

POWER OFF STALL

Throttles / slow	12"
Gear	Down under 125 mph
Flaps	Down under 100 mph
Pitch	-500 FPM
Throttles	Idle
Pitch	Up 1 degree per sec

Recovery

Angle of attack	Reduce
Throttles	Max power
Pitch for Blue Line	Minimize alt. loss
Flaps	Partially up (1 sec)
Gear	Up
Flaps	Up
Climb	Establish
Power	25" / 2500RPM

POWER ON STALL

Throttles / slow	12" or less
Speed	90 or less
Throttles	21"
Pitch	MAX 20 degrees

Recovery

Angle of attack	Reduce
Pitch for Blue Line	Minimize alt. loss
Confirm	Gear & flaps up
Climb	Establish - 100

ACCELERATED STALL

Throttles / slow	10"
Speed	90 mph
Throttles	15"
Attitude	45° bank then firm back pressure until buffet

Recovery

Attitude	Reduce AOA and wings level
Throttles	Add power

STEEP TURNS

Throttles	18"
Speed	120 mph or below Va
Bank	45 – 50 degrees
Throttles	Increase 1-2"

Recovery

Throttles	Return to cruise
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VMC DEMONSTRATION

Throttles / slow	12"
Mixtures	Full rich
Props	Full forward
Left throttle	Idle
Right throttle	Max power
Decrease airspeed	1 degree per sec

At either loss of directional control or buffet:

Angle of attack	Reduce
Right throttle	Reduce

When speed above redline:

Right throttle	Max power
Speed	Pitch for blue line

DRAG DEMO (MEI ONLY)

Throttles / slow	12"
Mixtures	Full
Props	Full
Left throttle	Idle
Right throttle	Full
Airspeed	Blue line +10

Note VSI at each change:

Airspeed	Blue line
Gear	Down
Flaps	Down
Gear	Up
Flaps	Up

Left throttle	Simulate feather 12"/2300
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Airspeed	Blue line
Repeat Profile	Gear & Flaps

Recovery

Throttles, props, mixtures	Cruise
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EMERGENCY DESCENT

Throttles	Idle
Props	Full forward

Maintain positive Gs, consider using a steep bank

Speed	< 180 mph
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Recovery

Throttles, props, mixtures	Cruise
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EMERGENCY DESCENT**TRAFFIC PATTERN**

Downwind or approaching the pattern:

Throttles	15"
Speed	120 mph

Abeam touchdown point:

Gear	Down
Throttles	13"
Speed, VSI	100 mph, 500 fpm
GUMPS	Perform
Flaps	As necessary

Final:

Speed	Blue line
Gear	Check green

2 ENGINE PRECISION APPROACH

3 miles from FAF

or prior to intercepting Glide Slope:

Throttles	15"
Speed	110 mph

1 Mile OR Half dot below GS:

Gear	Down
Throttles	13"
Speed, VSI	100 mph, 500 fpm
GUMPS	Perform

500' AGL:

Flaps	As necessary
Speed	Blue line
Gear	Check green

1 ENGINE PRECISION APPROACH

One miles from FAF

or prior to intercepting Glide Slope

Throttle	19"
Speed	110 mph

Half dot below GS:

Gear	Down (keep gear up if circling)
Throttle	16" (13" if gear is up)

Flaps	Approach
Speed	100 mph
GUMPS	Perform

500' AGL:

Speed	Blue line
Gear	Check green

2 ENGINE NON-PRECISION APPROACH

One miles from FAF

Throttles	15"
Speed	110 mph

At FAF:

Gear	Down
Throttles	13"
Speed	100 mph
VSI	500-700 fpm
GUMPS	Perform

Leveling at MDA:

Throttles	15"
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Final descent:

Throttles	13"
Flaps	As necessary
Speed	Blue line
Gear	Check green

1 ENGINE NON-PRECISION APPROACH

One miles from FAF

Throttle	19"
Speed	110 mph

At FAF:

Gear	Down (keep gear up if circling)
Throttle	14" (11" if gear is up)
Flaps	Approach
Speed	100 mph
VSI	500-700 fpm
GUMPS	Perform

Leveling at MDA:

Throttle	20"
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Final descent:

Gear	Down
Throttle	14"
Flaps	As necessary
Speed	Blue line
Gear	Check green

GO AROUND

Throttles	Max Power
Pitch	Blue Line + 5 (100)
Flaps	Partially up
Gear	+ Rate - UP
Flaps	Up