

N44862 Quick Reference

TAKEOFF - NORMAL

1 Oil Temp -Takeoff	> 100 F
2 Door	LATCHED
3 Time of Departure	NOTE
4 Avionics / GPS	SET
5 Flaps (norm/short)	UP / 25 deg.
6 Elevator Trim	TAKEOFF
7 Rudder Trim	NEUTRAL
8 Fuel Selector	FULLEST
9 Aux. Fuel Pump	OFF
10 Pitot Heat	AS REQUIRED
11 Parking Brake	RELEASE
12 Lights	AS REQUIRED
13 Transponder	ALT
14 Mixture	FULL RICH
15 Propeller	FULL FORWARD
16 Throttle	FULL
17 Rotate(norm/short)	70-77/53-64 KIAS
18 Manifold Pressure	41" MAX

CLIMB

1 Gear	UP
2 Flaps	0 DEGREES
3 Throttle	33 INCHES MP
4 Propeller	2450 RPM
5 Airspeeds	
• Best Angle Vx	78 KIAS
• Best Rate Vy	96 KIAS
• Cruise Climb	104 KIAS
• GLIDE	97 KIAS
6 Mixture	Full Rich
7 Trims	Set

CRUISE

1 Flaps & Gear	UP
2 Aux. Fuel Pump	OFF
3 Power	MAP 27.7-34.8"
4 RPM	2300-2400
4 Mixture	LEAN 0-100° ROP
5 Trims	SET
6 Lights	AS REQUIRED

V2.1

DESCENT

1 Plan	5 NM / 1000 FT
2 Fuel Selector	FULLEST TANK
3 Mixture	AS REQUIRED
4 Throttle	STAGE
5 Landing Light	ON

APPROACH BRIEFING

1 Weather - ATIS	OBTAIN
2 Altimeters	SET
3 Min. Safe Atl.	DETERMINE
4 Runway Length	650-800 FEET
5 Approach Course	DETERMINE
6 Nav aids	DETERMINE
7 Go Around Proc.	DETERMINE

LANDING

G Fuel Selector	FULLEST TANK
U Gear < 129 KIAS	DOWN, 3 GREEN
M Mixture	RICH (< 5000')
P Propeller	FULL FORWARD
s Seatsbelt/Switchs	CHECK
1 Flaps < 103 KIAS	AS REQUIRED
2 Trims	SET
3 Vref (Flaps FULL)	75 KIAS

AFTER LANDING

1 Flaps	0 Degrees
2 Aux. Fuel Pump	OFF
3 Pitot Heat	OFF
4 Ground Freq.	MONITOR
5 Throttle	800-1000 RPM

SECURING AIRPLANE

1 Flight Plan	CLOSED
2 Turbocharger	COOL 3 MINS.
3 Aux. Fuel Pump	OFF
4 Avionics Master	OFF
5 EFD (Aspen)	OFF
6 Mixture	IDLE CUT-OFF
7 Magnetos/Keys	OFF/OUT
8 Master / ALT	OFF
9 Check in *	NOTE HOBBS
10 Tiedowns/Chocks	INSTALL

BEST GLIDE 97 KIAS (Flaps 0, Gear UP, Propeller Full Decrease)

GLIDE @Max Weight, 30°C = 45 seconds or 1.38NM for 1000 feet lost

Va (Maneuvering Speed) @2900lbs GW=119 @1865lbs GW=96 KIAS

Vso=56 Vs=63 Vx=78 Vy=96 Vfe=103 Vle=129 Vno=146 Vne=183 KIAS