

Introduction

This section provides amplified procedures for normal operation. Normal procedures associated with optional systems can be found in [Section 9: Log of Supplements](#).

Airspeeds for Normal Operation

Unless otherwise noted, the following speeds are based on a maximum weight of 3600 lb. and may be used for any lesser weight. However, to achieve the performance specified in Section 5 for takeoff and landing distance, the speed appropriate to the particular weight must be used.

Takeoff Rotation:

- Normal, Flaps 50% 73 KIAS
- Obstacle Clearance, Flaps 50% 84 KIAS

Enroute Climb, Flaps Up:

- Normal 110-120 KIAS
- Best Rate of Climb, SL 108 KIAS
- Best Rate of Climb, 10,000 99 KIAS
- Best Angle of Climb, SL 88 KIAS
- Best Angle of Climb, 10,000 88 KIAS

Landing Approach:

- Normal Approach, Flaps Up 90-95 KIAS
- Normal Approach, Flaps 50% 85-90 KIAS
- Normal Approach, Flaps 100% 80-85 KIAS
- Short Field, Flaps 100% (V_{REF}) 79 KIAS

Go-Around, Flaps 50%:

- Full Power 80 KIAS

Maximum Recommended Turbulent Air Penetration:

- 3600 lb 140 KIAS
- 2900 lb 123 KIAS

Maximum Demonstrated Crosswind Velocity:

- Takeoff or Landing 21 Knots

Stall Speeds

Conditions:

- Weight 3600 LB
- CG Noted
- Power Idle
- Bank Angle Noted

• Note •

Altitude loss during wings level stall may be 250 feet or more.

KIAS values may not be accurate at stall.

Weight LB	Bank Angle Deg	STALL SPEEDS					
		Flaps 0% Full Up		Flaps 50%		Flaps 100% Full Down	
		KIAS	KCAS	KIAS	KCAS	KIAS	KCAS
3600 Most FWD CG	0	74	73	70	67	64	61
	15	76	74	71	68	64	62
	30	80	78	74	72	67	65
	45	87	87	79	79	73	72
	60	103	103	92	94	85	86
3600 Most AFT CG	0	72	70	69	66	63	60
	15	73	71	70	67	64	61
	30	77	75	73	71	66	65
	45	84	83	79	78	72	72
	60	99	99	91	93	85	85