

4A.2 AIRSPEEDS FOR NORMAL OPERATING PROCEDURES

	FLAPS	Speed [KIAS]	
		up to 1999 kg (4407 lb)	above 1999 kg (4407 lb)
Airspeed for rotation (take-off run, v_R)	UP	min. 80	min. 80
	T/O	min. 76	min. 78
Airspeed for take-off climb (best rate-of-climb speed v_Y)	UP	min. 87	min. 89
Airspeed for take-off climb (best angle-of-climb speed v_X)	T/O	min. 83	min. 86
Airspeed for best rate-of-climb (v_Y)	UP	87	89
	T/O	83	86
Airspeed for cruise climb	UP	min. 93	min. 96
Reference landing approach speed	UP	91	95
	T/O	min. 88	min. 91
Final approach speed	LDG	min. 84	min. 89
Minimum speed during go around	UP	min. 91	min. 95
Max. structural cruising speed Do not exceed this speed except in smooth air, and then only with caution.	UP	162	162
Safe, intentional, one-engine-inoperative speed (V_{SSE}) - A minimum speed to intentionally render the critical engine inoperative.	UP	86	86