

APPROACH CHECK

1. Altimeter	QNH SET	1
2. Landing light	ON	2
3. Fuel pump	ON	3
4. Fuel quantity	L+R, ENDURANCE	4
5. Fuel selector	FULLER TANK	5
6. Mixture	RICH or AS REQUIRED	6
7. Caburetor heat	AS REQUIRED	7

APPROACH CHECK COMPLETED**LANDING CHECK**

1. Flaps	SET FOR LANDING	1
2. Brakes	CHECKED & CLEAR	2
3. Mixture	RICH or AS REQUIRED	3
4. Carburetor heat	OFF (or TO GO)	4

LANDING CHECK COMPLETED**AFTER LANDING CHECK**

1. Transponder	SBY	1
2. Time	NOTED	2
3. Strobe lights	OFF	3
4. Landing light	AS REQUIRED	4
5. Fuel pump	OFF	5
6. Flaps	UP	6

AFTER LANDING CHECK COMPLETED**ENGINE SHUT DOWN AND PARKING**

1. Parking brake	SET	1
2. Throttle	SET 1000 RPM	2
3. 121.5	CHECKED	3
4. Avionics	OFF	4
5. Electrical consumers	OFF	5
6. Magneton grounding	AS REQUIRED (at idle)	6
7. Mixture	LEAN, CUT OFF	7
8. Magneton	OFF, KEY REMOVED	8
9. Nav lights	OFF	9
10. Battery master & alternator	OFF	10
11. Flight data & documents	NOTED & COMPLETED	11
12. Aircraft	TO BE SECURED	12

PARKING CHECK COMPLETED**SPEEDS**

V_x	63 KIAS	V_{FE} (max. Flaps speed)	102 KIAS
V_y	79 KIAS	$V_{initial\ approach}$	80 KIAS
V_a	111 KIAS	V_{final} (Full Flaps)	63 KIAS
$V_{best\ gliding\ angle}$	73 KIAS	Crosswind component max.	17 KTS

AIRCRAFT PREPARATION **COMPLETED (ACCORDING AFM)****PREFLIGHT CHECK**

1. Outside check	COMPLETED	1
2. Baggage door	CLOSED	2
3. Aircraft papers	CHECKED	3
4. Aircraft log	CHECKED	4
5. Tow bar	REMOVED & SECURED	5
6. Cabin	CHECKED	6
7. Loadsheet	WITHIN LIMITS	7

PREFLIGHT CHECK COMPLETED**CHECK BEFORE ENGINE START**

1. Seats	ADJUSTED & LOCKED	1
2. Parking brake	SET	2
3. Seat belts & harness	FASTENED	3
4. Electrical consumers	OFF	4
5. Circuit breakers	CHECKED	5
6. Avionics	OFF	6
7. Battery master & alternator	ON	7
8. Fuel quantity	L+R, ENDURANCE	8
9. Fuel selector	FULLER TANK	9
10. Mixture	RICH	10
11. Carburetor heat	OFF	11
12. Throttle	IDLE	12
13. Cabin door	CLOSED & LOCKED	13

CHECK BEFORE ENGINE START COMPLETED**ENGINE START**

1. Nav lights	ON	1
2. Fuel pump	ON	2
3. Priming	ACCORDING AFM	3
4. Throttle	0.5 cm	4
5. Propeller area	CLEAR	5
6. Ignition key	START, TIME CHECK	6
7. Throttle	SET 1000 RPM	7
8. Oil pressure	GREEN ARC (after max 30")	8

ENGINE START COMPLETED

**CHECK AFTER ENGINE START**

1. Alternator output	CHECKED	1
2. Fuel pump	OFF, PRESSURE CHECKED	2
3. Primer	IN AND LOCKED	3
4. Annunciator lights	CHECKED	4
5. Ventilation, heater, defroster	AS REQUIRED	5
6. Avionics	ON (check ATIS)	6
7. Flight instruments	SET & CHECKED	7
8. Engine Instruments	CHECKED	8
9. Avionics COM, NAV, SSR	SET & PRESELECTED	9

CHECK AFTER ENGINE START COMPLETED**TAXI CHECK**

1. Brakes & steering	CHECKED	1
2. Gyro instruments	CHECKED	2

TAXI CHECK COMPLETED**RUN UP**

1. Parking brake	SET	1
2. Oil temperature	WARM UP TIME CHECKED	2
3. Zone behind aircraft	CLEAR	3
4. Throttle	SET 2000 RPM	4
5. Oil pressure, suction	GREEN ARC	5
6. Magnetos (L-B-R-L-B)	CHECKED (max. -175 / 50 RPM)	6
7. Mixture	CHECK FUNCTION	7
8. Carburetor heat	CHECK FUNCTION	8
9. Throttle idle	CHECKED (500-700 RPM)	9
10. Throttle	SET 1000 RPM	10

RUN UP COMPLETED**CHECK BEFORE DEPARTURE**

1. Fuel pump	ON	1
2. Fuel quantity	L+R, ENDURANCE	2
3. Fuel selector	FULLER TANK	3
4. Mixture	RICH or AS REQUIRED	4
5. Carburetor heat	OFF	5
6. Friction lock	SET	6
7. Magnetos	BOTH	7
8. Trims	SET FOR DEPARTURE (2)	8
9. Flaps	SET FOR DEPARTURE	9
10. Flight instruments & avionics	SET FOR DEPARTURE	10
11. Seat position	CHECKED & LOCKED	11
12. Cabin and pax	SECURED	12
13. Flight controls	FREE & CORRECT	13
14. Departure briefing	COMPLETED	14

CHECK BEFORE DEPARTURE COMPLETED**LINE UP CHECK**

1. Door & windows	CLOSED & LOCKED	1
2. Landing light	ON	2
3. Strobe lights	ON	3
4. Time	NOTED	4
5. Transponder	ALT	5
6. Approach sector & Runway	CLEAR	6

LINE UP CHECK COMPLETED**CLIMB CHECK**

1. Flaps	UP	1
2. Climb power	SET	2
3. Fuel pump	OFF, PRESSURE CHECKED	3
4. Landing light	REMAINS ON	4

CLIMB CHECK COMPLETED**CRUISE CHECK**

1. Altimeter	CHECKED (STD / QNH)	1
2. Directional gyro	CHECKED / SET	2
3. Cruise power	SET	3
4. Mixture	SET	4
5. Engine Instruments	CHECKED	5
6. Fuel quantity	L+R, ENDURANCE	6
7. Fuel selector	AS REQUIRED	7

CRUISE CHECK COMPLETED**DESCENT CHECK**

1. ATIS (if available)	NOTED	1
2. Approach briefing	COMPLETED	2
3. Avionics	SET & CHECKED	3
4. Directional gyro	CHECKED / SET	4
5. Circuit breakers	CHECKED	5
6. Cabin and pax	SECURED	6

DESCENT CHECK COMPLETED