

CRUISE

DECATHLON 8KCAB-150

1. THROTTLE - 23 INCHES
2. PROP - 2400 RPM
3. MIXTURE - LEAN
4. PERFORMANCE (4000 FT MSL, 10 Deg C OAT)
FUEL - 8.6 GPH
AIRSPEED - 133 MPH TAS

AEROBATICS

1. ALTITUDE - MINIMUM 3000 FT AGL
2. PROP - 2500 RPM
3. THROTTLE - 24 INCHES
4. MIXTURE - RICH
5. **MAXIMUM** AIRSPEEDS - MANEUVERING (VA) 132 MPH
AILERON OR BARREL ROLL 120 MPH
LOOP 140 MPH
IMMELMANN 145 MPH
HAMMERHEAD 145 MPH
SNAP ROLL 90 MPH

DECENT

1. CRUISE POWER - **MAINTAIN STEADY POWER SETTING**
2. CYLINDER HEAD OIL TEMPERATURE - IN GREEN

LANDING

1. ELECTRIC FUEL PUMP - ON
2. MIXTURE - FULL RICH
3. PROP - FULL RPM ON FINAL
4. THROTTLE - **MAINTAIN STEADY POWER SETTING**
5. AIRSPEED - (PATTERN 70 MPH - 80 MPH)
APPROACH - (**NO SLIPS BELOW 60 MPH**)
WHEEL LANDING - 70 MPH - 80 MPH
THREE POINT - 65 MPH - 75 MPH
POWER OFF GLIDE - 75 MPH

TAXI

1. TRANSPONDER - STANDBY
2. ELECTRIC FUEL PUMP - OFF
3. STROBES - OFF

SHUTDOWN

1. RADIO AND INTERCOM SWITCHES - OFF
2. MIXTURE - IDLE CUT-OFF
3. MAGNETO SWITCHES - BOTH OFF
4. MASTER AND ALL ELECTRICAL SWITCHES - OFF
5. SECURE STICK WITH HARNESS
6. WING AND TAIL TIEDOWNS - SECURE

FREQUENCIES

APT	MFY	RNM	SEE	SDM	CRQ
ATIS	126.9	132.025	125.45	132.35	120.15
TWR	119.2	119.875	120.7	126.5	118.6
GND	118.22	121.65	121.7	124.4	121.8

STARTING

BELLANCA DECATHLON

1. PREFLIGHT - COMPLETED
2. SEAT HARNESSES AND DOOR- SECURE AND LATCHED
3. FUEL VALVE - ON
4. FUEL QUANTITY - GREATER THAN 1/2 TANK
5. PROP - FULL RPM
6. ALTERNATE AIR - COLD
7. ELECTRICAL SWITCHES - ALL OFF
8. MASTER SWITCH - ON
9. MAGNETO SWITCHES - BOTH ON
10. MIXTURE -IDLE CUT-OFF
11. THROTTLE - OPEN 1/2 INCH
12. CHECK PROP AREA-"CLEAR"
13. STICK FULL BACK
14. STARTER- ENGAGE
15. MIXTURE - FULL RICH
16. THROTTLE - 1000 RPM
17. OIL PRESSURE - IN THE GREEN
18. MIXTURE - LEAN
19. INTERCOM AND RADIO SWITCHES - ON
20. TRANSPONDER - STANDBY

RUN-UP

1. CONTROLS - CHECK FULL MOVEMENT
2. TRIM - TAKEOFF POSITION
3. FLIGHT INSTRUMENTS - SET
4. FUEL VALVE-ON
5. MIXTURE - FULL RICH
6. THROTTLE-1800 RPM
 - MAGS - CHECK LEFT AND RIGHT
 - PROP - CYCLE TWICE
 - ALTERNATE AIR - CHECK FOR RPM DROP
 - ENGINE GAUGES - IN THE GREEN
7. THROTTLE - 1000 RPM
8. MIXTURE - LEAN

TAKEOFF

1. DOOR AND WINDOW - SECURE AND LATCHED
2. TRANSPONDER AND STROBES - ON
3. ELECTRIC FUEL PUMP - ON
4. MIXTURE - FULL RICH
5. PROP - FULL RPM
6. THROTTLE - APPLY FULL OPEN

CLIMB

1. THROTTLE - 25 INCHES - AT 500 AGL
2. PROP - 2600 RPM
3. AIRSPEED-
 - BEST RATE OF CLIMB (V_y) -76 MPH BEST
 - COOLING CLIMB - 80 MPH - 90 MPH BEST
 - ANGLE OF CLIMB (V_x) - 63 MPH
4. ELECTRIC FUEL PUMP - OFF - AT 1000 AGL