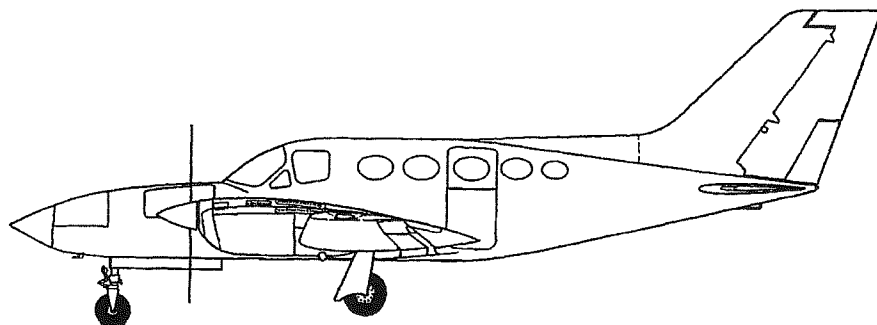


PILOT'S OPERATING HANDBOOK and FAA APPROVED FLIGHT MANUAL



CESSNA AIRCRAFT COMPANY

1978 MODEL 421C

Serial Number _____

Registration Number _____

THIS DOCUMENT MUST BE CARRIED
IN THE AIRPLANE AT ALL TIMES

THIS HANDBOOK INCLUDES THE MATERIAL REQUIRED TO BE
FURNISHED TO THE PILOT BY CAR PART 3 AND CONSTITUTES
THE FAA APPROVED AIRPLANE FLIGHT MANUAL.

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CESSNA AIRCRAFT COMPANY
WICHITA, KANSAS, USA

INTRODUCTION PERFORMANCE AND SPECIFICATIONS

Cessna
MODEL **421C**

PERFORMANCE AND SPECIFICATIONS

MAXIMUM WEIGHT:	
Ramp	7500 Pounds
Takeoff	7450 Pounds
Landing	7200 Pounds
Zero Fuel	6733 Pounds
*SPEED, BEST POWER MIXTURE:	
Maximum - 20,000 Feet	258 KTAS
Maximum Recommended Cruise	
75% Power at 10,000 Feet	210 KTAS
75% Power at 25,000 Feet	243 KTAS
*RANGE, RECOMMENDED LEAN MIXTURE:	
Maximum Recommended Cruise	
75% Power at 10,000 Feet	836 Nautical Miles,
(1236 Pounds Usable Fuel)	4.10 Hours and 207 KTAS
75% Power at 10,000 Feet	970 Nautical Miles,
(1404 Pounds Usable Fuel)	4.74 Hours and 207 KTAS
75% Power at 10,000 Feet	1104 Nautical Miles,
(1572 Pounds Usable Fuel)	5.38 Hours and 208 KTAS
75% Power at 25,000 Feet	939 Nautical Miles,
(1236 Pounds Usable Fuel)	4.12 Hours and 241 KTAS
75% Power at 25,000 Feet	1095 Nautical Miles,
(1404 Pounds Usable Fuel)	4.76 Hours and 241 KTAS
75% Power at 25,000 Feet	1251 Nautical Miles,
(1572 Pounds Usable Fuel)	5.40 Hours and 242 KTAS
Maximum Range	
10,000 Feet (1236 Pounds Usable Fuel)	1088 Nautical Miles,
	6.94 Hours and 156 KTAS
10,000 Feet (1404 Pounds Usable Fuel)	1274 Nautical Miles,
	8.16 Hours and 156 KTAS
10,000 Feet (1572 Pounds Usable Fuel)	1464 Nautical Miles,
	9.44 Hours and 155 KTAS
25,000 Feet (1236 Pounds Usable Fuel)	1092 Nautical Miles,
	5.64 Hours and 197 KTAS
25,000 Feet (1404 Pounds Usable Fuel)	1287 Nautical Miles,
	6.65 Hours and 196 KTAS
25,000 Feet (1572 Pounds Usable Fuel)	1487 Nautical Miles,
	7.71 Hours and 195 KTAS
RATE-OF-CLIMB AT SEA LEVEL:	
All Engines	1940 Feet Per Minute
One Engine Inoperative	350 Feet Per Minute
SERVICE CEILING:	
All Engines	30,200 Feet
One Engine Inoperative	14,900 Feet
TAKEOFF PERFORMANCE: (100 KIAS, 0° Wing Flaps And 7450 Pounds Weight)	
Ground Roll	1786 Feet
Total Distance Over 50-Foot Obstacle	2323 Feet
LANDING PERFORMANCE: (100 KIAS, 45° Wing Flaps And 7200 Pounds Weight)	
Ground Roll	720 Feet
Total Distance (Over 50-Foot Obstacle)	2293 Feet
STANDARD EMPTY WEIGHTS: (Approximate)	
Golden Eagle 421C	4572 Pounds
Golden Eagle 421C II	4768 Pounds
Golden Eagle 421C III	4974 Pounds
BAGGAGE ALLOWANCE:	
	1500 Pounds
WING LOADING:	
	34.7 Pounds Per Square Foot
POWER LOADING:	
	9.9 Pounds Per Horsepower
FUEL CAPACITY: (Total)	
Standard	213.4 Gallons
With One Wing Locker Tank	241.8 Gallons
With Two Wing Locker Tanks	270.2 Gallons
OIL CAPACITY: (Total)	
	28 Quarts
ENGINES:	
Six-Cylinder, Geared, Turbocharged, Fuel-Injected Engines	GTS10-520-L
375 Rated Horsepower At 2235 Propeller RPM And 39.0 Inches Hg.	
Manifold Pressure To 20,000 Feet	
PROPELLERS:	
Constant Speed, Full Feathering, Three-Bladed 7'6" Diameter	0850334-27

NOTE: Range data includes allowances for start, taxi, takeoff, climb,
descent and 45-minute reserve at 45% power.

*Speeds based on Estimated Mid-Cruise Weight.

MAXIMUM OPERATING ALTITUDE LIMIT

Without Oxygen Equipment: 25,000 Feet

With Oxygen Equipment: 30,000 Feet

CABIN PRESSURIZATION LIMIT

Maximum: 5.3 PSI



Normal: 0.0 to 5.0 PSI

Cabin Shall Be Depressurized During:

- a. Takeoff.
- b. Landing.
- c. In flight when both engines are operating on hot alternate air.
- d. All ground operations.

REQUIRED PLACARDS

On Emergency Exit Window and Tables:

- a. On emergency exit window trim:
"EMERGENCY EXIT"
(1) "TURN HANDLE  OPEN"
(2) "PULL DOOR INBD & DOWN"
- b. If optional right aft facing seat is installed, change item "a" to:
"EMERGENCY EXIT"
(1) "TURN HANDLE  OPEN"
(2) "PULL DOOR INBD & DOWN"
AFT FACING SEAT MUST BE FULL FWD WITH BACK ERECT FOR TAKEOFF & LANDING" ←
- c. On emergency exit window release cover:
"EMERGENCY EXIT HANDLE"
- d. On executive table top (outboard side) and writing desk top (forward side):
"TABLE MUST BE STOWED DURING TAKEOFF AND LANDING"
- e. On left wall opposite emergency exit window (with optional left aft facing seat):
"AFT FACING SEAT BACK MUST BE ERECT FOR TAKEOFF & LANDING"

Adjacent to Left Engine Fuel Selector:

- a. "103 GAL - LEFT MAIN" (Green Sector)
- b. "103 GAL - RIGHT MAIN" (Yellow Sector)
- c. "DEPRESS BUTTON FOR LEFT ENG OFF" (Red Sector)

Adjacent to Right Engine Fuel Selector:

- a. "103 GAL - RIGHT MAIN" (Green Sector)
- b. "103 GAL - LEFT MAIN" (Yellow Sector)
- c. "DEPRESS BUTTON FOR RIGHT ENG OFF" (Red Sector)