

Cessna 421 Golden Eagle







1984 Cessna 421 Golden Eagle Performance and Specifications



NUMBER OF SEATS	8	Altitude (ft/m)	10,000/3048
MAXIMUM WEIGHT		Fuel (lb/kg)	1572/713
Ramp (lb/kg)	7500/3402	Endurance (hr)	9.73
Takeoff (lb/kg)	7450/3379	Speed (kts/km/h)	152/282
Landing (lb/kg)	7200/3266	Range (nm/km)	1485/2752
Zero Fuel (lb/kg)	6733/3045	Altitude (ft/m)	25,000/7620
STANDARD EMPTY WEIGHT		Fuel (lb/kg)	1236/561
421 Golden Eagle (lb/kg)	4693/2129	Endurance (hr)	5.74
421 Golden Eagle II (lb/kg)	4900/2223	Speed (kts/km/h)	191/354
421 Golden Eagle III (lb/kg)	5114/2320	Range (nm/km)	1088/2016
MAXIMUM USEFUL LOAD		Altitude (ft/m)	25,000/7620
421 Golden Eagle (lb/kg)	2807/1273	Fuel (lb/kg)	1404/637
421 Golden Eagle II (lb/kg)	2600/1179	Endurance (hr)	6.75
421 Golden Eagle III (lb/kg)	2386/1082	Speed (kts/km/h)	192/356
AIRSPEED (TAS) (BEST POWER) (MID-CRUISE WEIGHT)		Range (nm/km)	1284/2380
Maximum at 20,000 feet (kts/km/h)	258/478	Altitude (ft/m)	25,000/7620
Cruise, 73.5% power at 10,000 feet (kts/km/h)	208/385	Fuel (lb/kg)	1572/713
Cruise, 73.5% power at 25,000 feet (kts/km/h)	241/447	Endurance (hr)	7.78
RANGE		Speed (kts/km/h)	192/356
Recommended lean mixture		Range (nm/km)	1483/2748
73.5%		FUEL CAPACITY, Total	
Range figures include fuel allowance for engine start, taxi, takeoff, climb, descent, and 45-minute reserve at cruise power. Speeds are at mid-cruise weights.		Standard (gal/l)	213.4/807.7
Altitude (ft/m)	10,000/3048	With one wing locker tank (gal/l)	241.8/915.2
Fuel (lb/kg)	1236/561	With two wing locker tanks (gal/l)	270.2/1002.7
Endurance (hr)	3.91	RATE OF CLIMB	
Speed (kts/km/h)	205/380	Twinn engine (fpm/MPM)	1940/591
Range (nm/km)	790/1463	Single engine (fpm/MPM)	350/107
Altitude (ft/m)	10,000/3048	SERVICE CEILING	
Fuel (lb/kg)	1404/637	Twinn engine (ft/m)	30,200/9205
Endurance (hr)	4.56	Single engine (ft/m)	14,900/4542
Speed (kts/km/h)	205/380	TAKEOFF PERFORMANCE	
Range (nm/km)	925/1713	Ground roll (ft/m)	1786/544
Altitude (ft/m)	10,000/3048	Distance over 50-ft obstacle (ft/m)	2323/708
Fuel (lb/kg)	1572/713	LANDING PERFORMANCE	
Endurance (hr)	5.21	Ground roll (ft/m)	720/219
Speed (kts/km/h)	206/382	Distance over 50-ft obstacle (ft/m)	2293/699
Range (nm/km)	1060/1964	BAGGAGE ALLOWANCE (lb/kg)	1500/680
Altitude (ft/m)	25,000/7620	WING LOADING (lb/sq ft/kg/sq m)	34.7/169.2
Fuel (lb/kg)	1236/561	POWER LOADING (lb/kg/hp)	9.9/4.5
Endurance (hr)	3.91	STALL SPEED (CAS)	
Speed (kts/km/h)	238/441	Flaps up, power off (kts/km/h)	83/154
Range (nm/km)	882/1635	Flaps down, power off (kts/km/h)	74/137
Altitude (ft/m)	25,000/7620	AIRSPEED LIMITS (CAS)	
Fuel (lb/kg)	1404/637	Never exceed speed (kts/km/h)	238/441
Endurance (hr)	4.57	Air minimum control speed (kts/km/h)	82/152
Speed (kts/km/h)	239/443	Maneuvering speed (kts/km/h)	150/278
Range (nm/km)	1039/1926	Maximum flap extended speed	
Altitude (ft/m)	25,000/7620	0° to 15° (kts/km/h)	175/324
Fuel (lb/kg)	1572/713	15° to 45° (kts/km/h)	145/269
Endurance (hr)	5.22	Maximum gear extended speed (kts/km/h)	175/324
Speed (kts/km/h)	239/443	WING SPAN (ft/m)	41.12/12.53
Range (nm/km)	1197/2219	WING AREA (sq ft/sq m)	215.0/19.97
MAXIMUM RANGE		LENGTH (ft/m)	36.38/11.09
Recommended lean mixture		HEIGHT (ft/m)	12.93/3.94
Range figures include fuel allowance for engine start, taxi, takeoff, climb, descent, and 45-minute reserve at cruise power. Speeds are at mid-cruise weights.		OIL CAPACITY (qt/l)	28/26.5
Altitude (ft/m)	10,000/3048	ENGINE TBO (hr)	1600
Fuel (lb/kg)	1236/561	ENGINES	
Endurance (hr)	7.19	Two Turbocharged Fuel-Injected Continental Engines (6-Cylinder)	
Speed (kts/km/h)	153/284	GTSIO-520-N, 375 hp to 20,000 ft	
Range (nm/km)	1107/2051	PROPELLERS	
Altitude (ft/m)	10,000/3048	Constant speed, full feathering, three-bladed,	
Fuel (lb/kg)	1404/637	90.0-inch diameter (2.29 m)	
Endurance (hr)	8.44		
Speed (kts/km/h)	153/284		
Range (nm/km)	1294/2399		

Subject to change without notice. Performance figures are "Standard Day." Individual aircraft performance may vary.