

N90HA 1978 C172-N SkyHawk

Equipped for Day/Night VFR/IFR

S/N 17272658

FAA Type Certificate 3A12

Engine Lycoming O-320-H2AD
 HP 160
 @ RPM 2700
 Oil 15W50 4 qts min / 6 qts max
 Prop.

Avionics (C172/G)
 Garmin 430 WAAS G340 Audio Panel
 Aspen 1000 EFIS G327 Transponder
 KX155 Nav/Com 4-Place Intercom

Fuel 100LL, Blue
 total: 43 gals
 usable: 40 gals (2 tanks @ 20gal.)
 (240 pounds)
 sumps: 3
 selector: Lower front pedestal
 L/R/Both/Off

Electrical
 System 28 -Volt
 Battery 1 - 24 Volt
 Alternator 1 - 24 Volt 60 Amp

Vspeeds (KTS)
 Vr= 60 Vs0= 44 Vfe= 85
 Vx= 59 Vs= 50 Vfinal
 Vy= 73 Va= 97 0 flap= 75
 En Climb= 85-95 Vno= 128 40 flap= 65
 Vbg= 65 Vne= 160 Vx/w=

Wt & Bal	<u>Pounds</u>	<u>Utility Cat.</u>
Gross Takeoff Wt.	2300	
A/C Empty Wt.	1493	
Useful Load	807	
Full Fuel Payload	567	

Landing Gear
 Mains 29psi 6.00 x 6
 Nosewheel 31psi 5.00 x 5

Performance (4000 ft pressure altitude, standard temp, mixture leaned)

<u>Power</u>	<u>RPM</u>	<u>GPH</u>	<u>TAS</u>	<u>Range (45 min reserve)</u>	<u>Endurance (45 min reserve)</u>
57%	2300	6.4	105	560 NM	5.4 Hours
64%	2400	7.1	110	520 NM	4.7 Hours
75%	2550	8.4	118	480 NM	4.1 Hours