

T-CRAFT AIRCRAFT DATA SHEET- C172N

Pilot Name: _____ Aircraft N# _____
Date: _____ Serial # _____
Year _____ Model # _____

ENGINE INFORMATION

Make/Model _____ Maximum HP _____ Maximum RPM _____
Maximum Allowable Continuous RPM _____

Oil - Used by T-Craft _____ Oil Pressure (Max) _____
Oil Pressure (Min) _____
Oil Quantity (Max) _____ qts Oil Temp (Max) _____
Oil Quantity (Min) _____ qts Oil Temp (Min) _____
Oil Temp (green arc) _____

Fuel Burn (gal/hr) / TAS.@76% Bhp 4,000' Press Alt. Std. Temp _____ / _____
Fuel Burn / TAS @ 8,000' Press Alt. Std Temp @ Maximum Allowable RPM _____ / _____
Range (Hours) @ 8,000' @ Maximum Allowable RPM (Bhp) no reserve _____

Total Fuel _____ gallons
Useable Fuel _____ gallons
Fuel Type / Color _____ / _____
Max. Mag Drop _____ RPM Max RPM Diff between Mag's. _____
Battery (Voltage / Capacity) _____ / _____ Alternator (amps) _____
Tire Pressure (Mains / Nose) _____ / _____
Maximum Flap Setting _____ degrees

AIRSPEEDS – INDICATED KTS ___ or MPH ___

V_R _____ Rotate Maximum X-Wind _____
V_Y _____ Best rate of climb (Sea Level) Best Glide _____
V_Y _____ Best rate of climb (10,000') (@ Max Gross Weight)
V_X _____ Best Angle of climb (Sea Level)
V_X _____ Best Angle of climb (10,000') V_{REF} 1.3 x V_{SO} _____
V_{CC} _____ Cruise Climb
V_{SO} _____ Stall speed – landing configuration
V_{S1} _____ Stall speed – specified configuration
V_A _____ Maneuvering speed (Max wt.) _____ Indicated Air Speeds
V_A _____ Maneuvering speed (Medium wt.) _____ White Arc _____
V_A _____ Maneuvering speed (Min wt.) _____ Green Arc _____
V_{FE} _____ Max flap extended speed at 10⁰ Yellow Arc _____
V_{FE} _____ Max flap extended speed > 10⁰ Red Line _____
V_{NO} _____ Max structural cruising speed
V_{NE} _____ Never exceed speed (red line)

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Pilot Name _____

AIRSPEEDS – INDICATED KTS ___ or MPH ___ Make/Model _____

Maneuver Entry Speeds
 Chandelles & Lazy 8's _____
 Steep Turns _____

TAKE-OFFS	<u>IAS</u>	<u>Recommended Flap Setting</u>
Normal	_____	_____
Short Field	_____	_____
Soft Field	_____	_____

LANDINGS	<u>IAS</u>	<u>Recommended Flap Setting</u>
Normal	_____	_____
Short Field	_____	_____
Soft Field	_____	_____

WEIGHT & BALANCE INFORMATION

Service Ceiling	_____ MSL	Empty Arm	_____
Max Gross Weight	_____	Empty Moment	_____
Empty Weight	_____		
Useful Load	_____		

Weight and Balance with your weight and typical load/fuel

	WEIGHT	ARM	MOMENT
Empty Weight			
Fuel 6#/gal			
Oil () qts.			
Pilot / Front Passenger			
Rear Passengers			
Baggage			
TOTAL			
Gross Weight			
Over / Under Weight			

C.G. _____

Within Limits Full Fuel / Empty Fuel? _____

Maximum Payload (Passengers and baggage) with Full tanks _____ #

Additional POH Review Items:

- _____ Read/understand STC's: 180 HP Air Plains upgrade.
- _____ Emergency Procedures
- _____ Spin Recovery Procedures
- _____ Take Off/Landing/Rate of Climb Performance (30⁰ C day at 5000' PA) @ Gross Wt.
- Take off distance _____ / distance to clear 50' _____ Rate of Climb @ Vy _____
- Landing distance _____ / distance to clear 50' _____

APPROVED BY CFI _____ DATE: _____