

# T-CRAFT AIRCRAFT DATA SHEET

Make/Model \_\_\_\_\_

Note: All of the information may not be in the POH for each Make/Model.

Pilot Name: \_\_\_\_\_ Aircraft N# \_\_\_\_\_

Date: \_\_\_\_\_ Serial # \_\_\_\_\_

Year \_\_\_\_\_ Model # \_\_\_\_\_

## ENGINE INFORMATION

Make/Model \_\_\_\_\_ Maximum HP \_\_\_\_\_ Maximum RPM \_\_\_\_\_

Manifold Pressure (green arc) \_\_\_\_\_ Hg. Cyl Head Temp (green arc) \_\_\_\_\_

Manifold Pressure (Maximum) \_\_\_\_\_ Hg. Cyl Head Temp (Maximum) \_\_\_\_\_

Oil Type (warm) \_\_\_\_\_ Oil Pressure (Max) \_\_\_\_\_

Oil Type (cold ) \_\_\_\_\_ Oil Pressure (Min) \_\_\_\_\_

Oil Quantity (Max) \_\_\_\_\_ qts Oil Temp (Max) \_\_\_\_\_

Oil Quantity (Min) \_\_\_\_\_ qts Oil Temp (Min) \_\_\_\_\_

Oil Temp (green arc) \_\_\_\_\_

Total Fuel \_\_\_\_\_ gallons

Fuel Burn (gal/hr.@75% Bhp) \_\_\_\_\_

Useable Fuel \_\_\_\_\_ gallons

Fuel selector position for Take-Off \_\_\_\_\_

Unusable Fuel \_\_\_\_\_ gallons

Minimum Fuel for Take-Off \_\_\_\_\_

Fuel Type / Color \_\_\_\_\_ / \_\_\_\_\_

Max. Mag Drop \_\_\_\_\_ RPM

Max RPM Diff between Mag's. \_\_\_\_\_

Battery (Voltage / Capacity) \_\_\_\_\_ / \_\_\_\_\_

Alternator (amps) \_\_\_\_\_

Tire Pressure (Mains / Nose) \_\_\_\_\_ / \_\_\_\_\_

## AIRSPEEDS – INDICATED KTS \_\_\_ or MPH \_\_\_

V<sub>LOF</sub> \_\_\_\_\_ Lift-off

Maximum X-Wind \_\_\_\_\_

V<sub>Y</sub> \_\_\_\_\_ Best rate of climb (Sea Level)

Best Glide \_\_\_\_\_

V<sub>Y</sub> \_\_\_\_\_ Best rate of climb (10,000')

(Max Gross Weight)

V<sub>X</sub> \_\_\_\_\_ Best Angle of climb (Sea Level)

V<sub>X</sub> \_\_\_\_\_ Best Angle of climb (10,000')

V<sub>CC</sub> \_\_\_\_\_ Cruise Climb

V<sub>SO</sub> \_\_\_\_\_ Stall speed – landing configuration

V<sub>REF</sub> 1.3 x V<sub>SO</sub> \_\_\_\_\_

V<sub>S1</sub> \_\_\_\_\_ Stall speed – specified configuration

V<sub>A</sub> \_\_\_\_\_ Maneuvering speed (Max wt.)

V<sub>A</sub> \_\_\_\_\_ Maneuvering speed (Medium wt)

V<sub>A</sub> \_\_\_\_\_ Maneuvering speed (Min wt.#)

V<sub>FE</sub> \_\_\_\_\_ Max flap extended speed

White Arc \_\_\_\_\_

V<sub>NO</sub> \_\_\_\_\_ Max structural cursing speed

Green Arc \_\_\_\_\_

V<sub>NE</sub> \_\_\_\_\_ Never exceed speed (red line)

Yellow Arc \_\_\_\_\_

Red Line \_\_\_\_\_

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**AIRSPEEDS – INDICATED** KTS \_\_\_ or MPH \_\_\_

Make/Model \_\_\_\_\_

Maneuver Entry Speeds

Chandelles & Lazy 8's \_\_\_\_\_

Steep Turns \_\_\_\_\_

TAKE-OFFS	<u>IAS</u>	<u>FLAPS</u>
Short Field	_____	_____
Soft Field	_____	_____
Normal	_____	_____

LANDINGS	<u>IAS</u>	<u>FLAPS</u>
Short Field	_____	_____
Normal	_____	_____
Normal	_____	_____

**WEIGHT & BALANCE INFORMATION**

Service Ceiling \_\_\_\_\_ MSL  
 Max Ramp Weight \_\_\_\_\_  
 Max Take Off Weight \_\_\_\_\_  
 Empty Weight \_\_\_\_\_  
 Useful Load \_\_\_\_\_

Empty Arm \_\_\_\_\_  
 Empty Moment \_\_\_\_\_

	WEIGHT	ARM	MOMENT
Empty Weight			
Fuel 6#/gal			
Pilot / Front Passenger			
Rear Passengers			
Baggage			
<b>TOTAL</b>			
Gross Weight			
Over / Under Weight			

C.G. \_\_\_\_\_

Within Limits Full Fuel / Empty Fuel ? \_\_\_\_\_

Additional POH Review Items:

- \_\_\_\_\_ Applicable STC's: C152, electronic ignition; C172's, 160 HP upgrade.
- \_\_\_\_\_ Emergency Procedures
- \_\_\_\_\_ Spin Recovery Procedures
- \_\_\_\_\_ Take off / Landing / Rate of Climb Performance Table calculations (hot day at 5000')

APPROVED BY CFI \_\_\_\_\_

DATE: \_\_\_\_\_