

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

Useable Fuel _____ gallons

Unusable Fuel _____ gallons

Fuel Type / Color _____ / _____

Max. Mag Drop _____ RPM

Battery (Voltage / Capacity) _____ / _____

Tire Pressure (Mains / Nose) _____ / _____

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

Fuel selector position for Take-Off _____

Minimum Fuel for Take-Off _____

Max RPM Diff between Mag's. _____

Alternator (amps) _____

AIRSPEEDS – INDICATED KTS ____ or MPH ____

V_{LOF} _____ Lift-off

V_Y _____ Best rate of climb (Sea Level)

V_Y _____ Best rate of climb (10,000')

V_X _____ Best Angle of climb (Sea Level)

V_X _____ Best Angle of climb (10,000')

V_{CC} _____ Cruise Climb

V_{SO} _____ Stall speed – landing configuration

V_{S1} _____ Stall speed – specified configuration

Maximum X-Wind _____

Best Glide _____

(Max Gross Weight)

V_{REF} 1.3 x V_{SO} _____

V_A _____ Maneuvering speed (Max wt.)

V_A _____ Maneuvering speed (Medium wt)

V_A _____ Maneuvering speed (Min wt.#)

V_{FE} _____ Max flap extended speed

V_{NO} _____ Max structural cursing speed

V_{NE} _____ Never exceed speed (red line)

White Arc _____

Green Arc _____

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	Empty Arm	_____
Max Ramp Weight	_____	Empty Moment	_____
Max Take Off Weight	_____		
Empty Weight	_____		
Useful Load	_____		

	WEIGHT	ARM	MOMENT
Empty Weight			
Fuel 6#/gal			
Pilot / Front Passenger			
Rear Passengers			
Baggage			
TOTAL			
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: _____