

T-CRAFT AIRCRAFT DATA SHEET SKYLANE C-182

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 T-Craft uses _____ Oil Pressure (Max) _____

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

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_{LOF} _____ Lift-off

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_{CC} _____ Cruise Climb

V_{SO} _____ Stall speed – landing configuration

V_{REF} 1.3 x V_{SO} _____

V_{S1} _____ Stall speed – specified configuration

V_A _____ Maneuvering speed (Max wt.)

V_A _____ Maneuvering speed (Medium wt.)

V_A _____ Maneuvering speed (Min wt.#)

V_{FE} _____ Max flap extended speed

White Arc _____

V_{NO} _____ Max structural cursing speed

Green Arc _____

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

Yellow Arc _____

Red Line _____

T-CRAFT AIRCRAFT DATA SHEET

SKYLANE C-182

AIRSPEEDS – INDICATED KTS ___ or MPH ___

Make/Model _____

Maneuver Entry Speeds

Chandelles & Lazy 8's _____

Steep Turns _____

Are Spins Approved? Y / N

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

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

WEIGHT & BALANCE INFORMATION

Service Ceiling	_____	MSL
Gross Weight	_____	
Empty Weight	_____	
Useful Load	_____	

Empty Arm _____
Empty Moment _____

	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 Review Items:

- ___ G3X / Avionics Check Out
- ___ GFC 500 Autopilot Basic Features - ESP(Electronic Stability and Protection), Level
- ___ Applicable STC's:
- ___ Emergency Procedures
- ___ Spin Recovery Procedures
- ___ Take off / Landing / Rate of Climb Performance Table calculations (hot day at 5000')

APPROVED BY CFI _____

DATE: _____