

Name _____ Date _____



Questionnaire

CHECKOUT FOR Tecnam Sierra

What type of engine does the Tecnam Sierra have? _____

What is the engine horsepower? _____

When using 100LL to fuel this engine, what type of additive should be used?

How many gallons of useful fuel does the Tecnam Sierra hold? _____

What type of oil should be used in this engine? _____

Please define in your own words and list the speed for each of the following in the Tecnam Sierra:

V_r _____

V_x _____

V_y _____

Best Glide _____

V_{ne} _____

V_{no} _____

V_a _____

V_{fe} _____

V_{s1} _____

V_{so} _____

Please list the RPM setting, fuel burn, and true airspeed for each power setting at a pressure altitude of 2000 feet:

	RPM	Fuel Burn	KTAS
75% power	_____	_____	_____
65% power	_____	_____	_____
55% power	_____	_____	_____

With a 30 minute reserve, how long can the Tecnam Sierra fly at 75% power?

What is the maximum demonstrated crosswind component for the Tecnam Sierra?

What is the service ceiling of the Tecnam Sierra? _____

What is the distance to clear a 50 foot obstacle on a standard day when taking off from a clipped grass field with a pressure altitude near sea level? _____

What is the landing distance over when landing over a 50 foot obstacle on a standard day when landing on a clipped grass field with a pressure altitude near sea level? _____

What is the glide ratio of the Tecnam Sierra at best glide speed? _____

Please describe the loss of engine procedures for the Tecnam Sierra.

What is the maximum gross weight of the Tecnam Sierra? _____

What is the empty weight Tecnam Sierra N656DF? _____

What is the useful load of the Tecnam Sierra N656DF? _____

With full fuel, how much weight can you carry in the Tecnam Sierra N656DF?
